

## INTRODUCTION

Mackay Consolidated Industries is an Australian owned company, serving a diverse range of markets with original equipment quality Elastomer based products.

Our expertise and proven experience in this field since the company's formation in 1932 has made us leaders in the design, development and application of elastomers in Automotive, Industrial and Defence markets.

We are a major supplier of hoses and vibration control components such as engine mounts and suspension bushes to leading original equipment vehicle manufacturers (OEM'S). Our automotive products meet or exceed original equipment quality. We are quality Certified to ISO/TS 16949:2009, ISO9001:2008 and individual car company standards. We are also certified for environmental standard ISO 14001:2004

Considerable care has been taken in arranging this publication in order to keep it simple to follow and easy to use when referencing a hose as it applies to any particular make and model.

While every care has been taken to ensure that the information provided in this catalogue is accurate, no responsibility can be accepted for any inaccuracies that may occur within this publication. Please Note! That this catalogue only contains hoses that we consider to have current viable demand. Old and unlisted part numbers can be supplied upon enquiry.

Mackay reserves the right to alter the design, construction, detail or specification of any of the products described within this catalogue without notice.

Our range of hoses is constantly being updated as we endeavour to maintain replacements for new automotive applications. For any hoses not listed, please contact us as they may have been added since this catalogue print, or check our online catalogues on [www.mackayrubber.com.au](http://www.mackayrubber.com.au)



## COPYRIGHT PROTECTION

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## NOTE:

Dimensions shown within this catalogue are approximate only and relate to the inside diameter (I.D.) and the overall length as shown on the diagram opposite.

In most instances the first number

represents the I.D. and the second number the overall length.

e.g. 34 x 450

Where two I.D. numbers are given

e.g. 34/38 X 450

It represents a stepped or flanged hose.

All dimensions are shown in millimeters

The overall length is measured along the outside (i.e. the longest side) of the hose

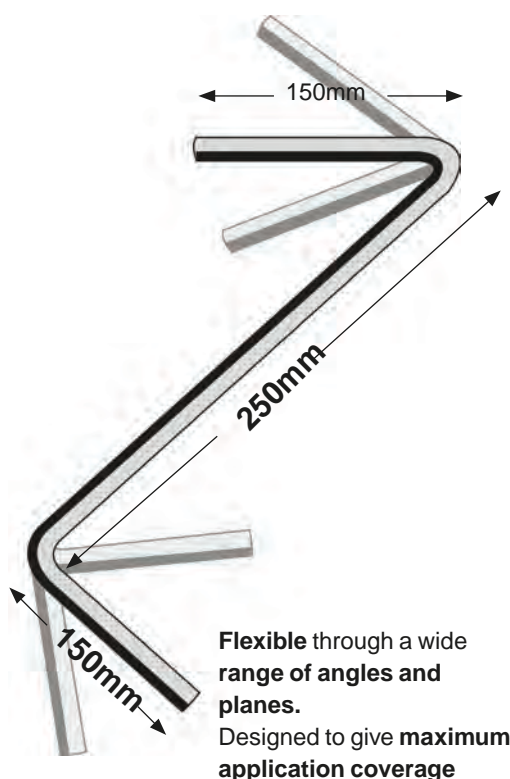


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## UNIVERSAL SMALL BORE “Z” HOSE™ BENDS



- Universal Application
- Covers majority of small bore market
- Reduced Inventory

Mackay Universal Small Bore “Z” hose™ bends, the only hose specially designed to provide the largest small bore application coverage from a few part numbers.

Unlike Radiator hoses, demand for small bore hoses can be relatively inconsistent, requiring an unjustifiably large range to cater for the varied shapes and sizes in the market.

Mackay Universal Small Bore “Z” hose™ bends now solves this problem giving you the versatility to meet the majority of applications without high inventory costs. Combined with our application specific small bore range Mackay Hoses provide a superior and cost effective solution.

ID	PART No	APPLICATION
6mm (7/32")	ZHB6	Water Applications Only
8mm (5/16")	ZHB8	
10mm (3/8")	ZHB10	
12mm (1/2")	ZHB12	
15-16 mm (5/8")	ZHB15	
19mm (3/4")	ZHB19	
25mm (1")	ZHB25	
6mm (7/32")	ZHB6EFV	Emission Control, Fuel Vapour/ Vacuum/ Vent hose (Low Pressure)
8mm (5/16")	ZHB8EFV	
10mm (3/8")	ZHB10EFV	
12mm (1/2")	ZHB12EFV	
6mm (7/32")	ZHB6F	Suitable for Low pressure fuel & Oil applications (non E.F.I)
8mm (5/16")	ZHB8F	
10mm (3/8")	ZHB10F	
12mm (1/2")	ZHB12F	

## “Z” HOSE™ TRADE PACKS

The revolutionary Mackay “Z” hoses™ are now available in a two popular TRADE PACKS, Part Number **ZBAG1** and **ZBAG2**..

The **ZBAG1** consists of one each of the top 5 “Z” water hoses and is especially suited as an introductory or replenishment stock pack for workshops. The **ZBAG2** contains the additional larger ID 19mm and 25mm hoses.

### Contents

The “Z” hose™ trade pack (**P/No ZBAG1**) contains one each of the following hoses

ID	PART NO	APPLICATION
6mm (7/32")	ZHB6	Universal Water Applications Only
8mm (5/16")	ZHB8	
10mm (3/8")	ZHB10	
12mm (1/2")	ZHB12	
15-16 mm (5/8")	ZHB15	

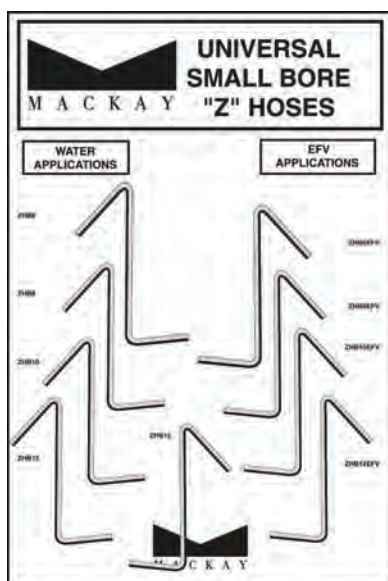


The “Z” hose™ trade pack (**P/No ZBAG2**) contains one each of the following hoses

ID	PART NO	APPLICATION
6mm (7/32")	ZHB6	Universal Water Applications Only
8mm (5/16")	ZHB8	
10mm (3/8")	ZHB10	
12mm (1/2")	ZHB12	
15-16 mm (5/8")	ZHB15	
19mm (3/4")	ZHB19	
25mm (1")	ZHB25	



## SMALL BORE “Z” HOSE™ MERCHANDISER Part No ZHBM2



The Mackay “Z” hose™ merchandiser is specially designed to improve your sales, by keeping the product in front of your customers. **Ideal for showroom or workshops.**

### CONTENTS

3 of each Part Number ZHB6, ZHB8, ZHB10, ZHB12, ZHB15, ZHB6EFV, ZHB8EFV, ZHB10EFV, ZHB12EFV.

1 Merchandiser board, 9 Hooks.



## MackayFlex™

MackayFlex™ is a flexible water hose (Not suitable for oil, fuel applications) designed to suit universal Automotive and Industrial applications.

MackayFlex™ hoses can bend and flex in almost any direction and is an ideal replacement for unusual / emergency applications or permanent use. Made from quality EPDM rubber, with textile reinforcement and rubber encapsulated steel inner spring construction.

Suitable for Water Applications

Working Temperature: -40 degrees C To +125 degrees C.

Burst Pressure: According to SAEJ20R5 standards

### Part Number Identification system:

eg. **Single ID**

25254F = 25mm ID X 254mm Length

**Dual ID**

3844558F = 38mm ID on one end, 44mm ID other end x 558mm Length.



MACKAYFLEX™ Single ID		
MackayFlex #	ID (mm)	Length (mm) (+20 /-0 mm)
25254F	25	254
25406F*	25	406
25508F	25	508
25609F	25	609
32304F*	32	304
32406F*	32	406
32508F*	32	508
32609F	32	609
35406F	35	406
38355F*	38	355
38406F*	38	406
38457F*	38	457
38508F*	38	508
44355F*	44	355
44406F*	44	406
44457F*	44	457
44609F	44	609
51203F	51	203
51355F*	51	355
51406F*	51	406
51609F	51	609
57254F	57	254
57355F*	57	355
57457F*	57	457
57558F	57	558
57660F	57	660
63254F	63	254
63355F*	63	355
63457F	63	457
70254F	70	254
70355F*	70	355
70457F	70	457
70558F	70	558
76254F	76	254
76355F*	76	355
76457F	76	457
76558F	76	558

MACKAYFLEX™ Dual ID			
MackayFlex #	ID 1 (mm)	ID 2 (mm)	Length (mm) (+20 /-0 mm)
3238304F	32	38	304
3238406F	32	38	406
3538304F	35	38	304
3538406F	35	38	406
3844355F	38	44	355
3844457F	38	44	457
3844558F	38	44	558
4451304F	44	51	304
4451406F	44	51	406
5157304F	51	57	304
5157406F	51	57	406
5763304F	57	63	304
5763406F	57	63	406
6370304F	63	70	304
6370406F	63	70	406
7076304F	70	76	304
7076406F	70	76	406

### MACKAYFLEX™ Merchandiser MFM2

The MackayFlex™ Hose Merchandiser helps you easily display the top 18 MackayFlex™ Hoses.

The Merchandiser includes a 18 hook rack (HR1), Header board and the 18 most popular MackayFlex hoses.



**\* Hoses included with Merchandiser (1 of each)**

All Dimensions Nominal

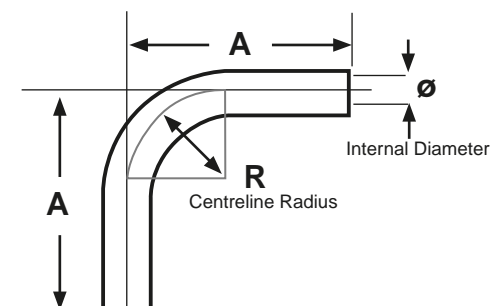
## 90° HOSE BENDS

Mackay Universal Hose bends are available in two separate specifications, one for water and the other for fuel applications. It is important to select the correct specification for your application.

Hose Bends UHB8 - UHB57 are manufactured from heat and ozone resistant EPDM to Spec. SAE J20R4 Class D-1 and are not suitable for the conveyance of petroleum products.

For Fuel applications use part numbers UHB8N to UHB57N which are manufactured from Fuel resistant Nitrile.

Please note that fuel application UHB's are made to customer order only with MOQ's as below.



Outer cover formulated to provide good resistance to oil, heat abrasion and the effects of ozone



High grade tube compound to withstand the effects of coolant additives and fuels (nitrile version) Also offers better resistance to electrochemical degradation.

Tough Rayon or Kevlar lock-stitch knitting for maximum burst pressure

### WATER APPLICATIONS Only

INTERNAL DIAMETER	PART NO.	LENGTH	
		A	R
8	UHB8-300	300	50
10	UHB10-300	300	50
13	UHB13	105	50
13	UHB13-300	300	50
16	UHB16	105	50
16	UHB16-300	300	50
19	UHB19	105	50
19	UHB19-300	300	50
25	UHB25	105	50
25	UHB25-300	300	50
31	UHB31	120	60
31	UHB31-300	300	60
38	UHB38	120	60
38	UHB38-300	300	60
44	UHB44	140	70
44	UHB44-300	300	70
50	UHB50	140	70
50	UHB50-300	300	70
57	UHB57	170	85
57	UHB57-300	300	85
63	UHB63	170	95
63	UHB63-300	300	95

### FUEL APPLICATIONS Only

Non Stocked Product Made to customer order, MOQ Applies

INTERNAL DIAMETER	PART NO.	LENGTH		MOQ
		A	R	
8	UHB8-300N	300	50	300
10	UHB10-300N	300	50	300
13	UHB13N	105	50	850
13	UHB13-300N	300	50	300
16	UHB16N	105	50	850
16	UHB16-300N	300	50	300
19	UHB19N	105	50	400
19	UHB19-300N	300	50	150
25	UHB25N	105	50	100
25	UHB25-300N	300	50	300
31	UHB31N	120	60	850
31	UHB31-300N	300	60	300
38	UHB38N	120	60	100
38	UHB38-300N	300	60	300
44	UHB44N	140	70	100
44	UHB44-300N	300	70	300
50	UHB50N	140	70	nil
50	UHB50-300N	300	70	nil
57	UHB57N	170	85	100
57	UHB57-300N	300	85	300

## UHB Trade Pack - Part Number UBAG1

Pack contains:

PART NO.	I.D.	QTY
UHB31	31mm (1 1/4")	1
UHB31-300/45	31mm (1 1/4")	1
UHB38	38mm (1 1/2")	1
UHB38-300/45	38mm (1 1/2")	1
UHB44	44mm (1 3/4")	1
UHB44-300/45	44mm (1 3/4")	1
UHB50	50mm (2")	1
UHB50-300/45	50mm (2")	1

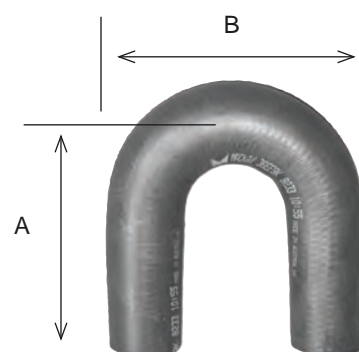
**Water Applications Only**



## U Shaped Universal Hose

ID	PART NO.	LENGTH	
		A	B
38mm (1 1/2")	USH38	145	155

**Water Applications Only**



## 45° Hose Bends

INTERNAL DIAMETER	PART NO.
31mm (1 1/4")	UHB31-300/45
38mm (1 1/2")	UHB38-300/45
44mm (1 3/4")	UHB44-300/45
50mm (2")	UHB50-300/45

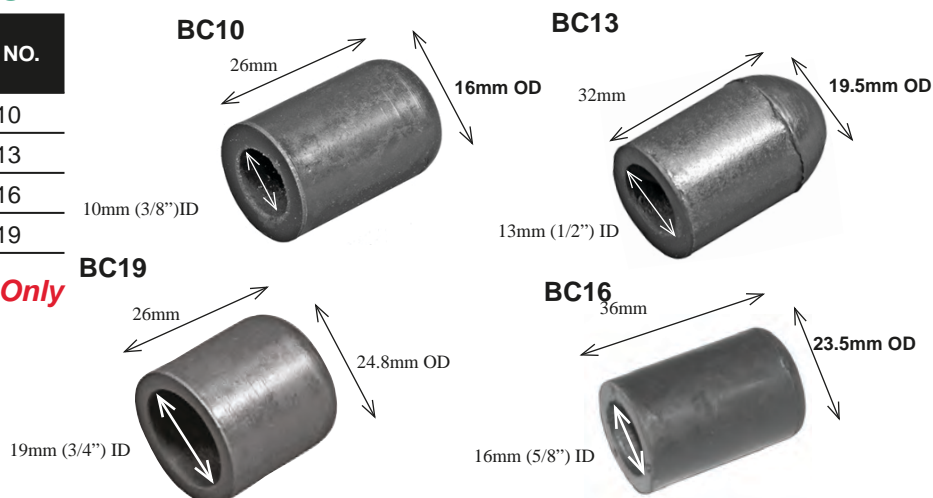
**Water Applications Only**



## Blanking Caps

INTERNAL DIAMETER	PART NO.
10mm (3/8")	BC10
13mm (1/2")	BC13
16mm (5/8")	BC16
19mm (3/4")	BC19

**Water Applications Only**



Universal Hose Bends Universal Blanking Caps

## STRAIGHT HOSE

Mackay General Purpose Straight Hose SHW19 to SHW57 is manufactured from good quality heat, water and ozone resistant EPDM with rayon knitted reinforcement, that conforms to Spec. SAE J20R4 Class D-1. Minimum burst pressure range - 0.62 to 1.03 MPa depending on ID size.

**CAUTION:** Not suitable for Oil, Fuel or Brake Fluid applications.

Sizes SHF51 to SHF57 are manufactured from Nitrile entirely and meet Spec SAE30R6 and will withstand a working temperature of 100 degrees C. and a pressure of 0.11MPa (16PSI). These hoses are suitable for **Low Pressure fuel & Oil applications only** and are recommended for fuel filler applications.

**CAUTION:** Not suitable for use as a coolant hose.



I.D.	PART NO.	LENGTH	APPLICATION
19mm	SHW19	1000mm	Water Only
22mm	SHW22	1000mm	
25mm	SHW25	1000mm	
28mm	SHW28	1000mm	
32mm	SHW32	1000mm	
35mm	SHW35	1000mm	
38mm	SHW38	1000mm	
41mm	SHW41	1000mm	
44mm	SHW44	1000mm	
48mm	SHW48	1000mm	
51mm	SHW51	1000mm	
54mm	SHW54	1000mm	
57mm	SHW57	1000mm	
63mm	SHW63	1000mm	Fuel Only
38mm	SHF38	1000mm	
51mm	SHF51	1000mm	
54mm	SHF54	1000mm	
57mm	SHF57	1000mm	
63mm	SHF63	1000mm	

PART NO.	SPRING OD (FITS HOSE ID)	SPRING LENGTH
CHS53G	35	287
CHS45G	42	254
CHS55G	42	387
CHS56G	42	304
CHS42G	48	381

## Universal Hose Springs

Galvanised springs for use in non-standard applications where the hose may be more susceptible to vacuum collapse.

To insert spring into hose lubricate with soapy water.

## EMISSION CONTROL,FUEL VAPOUR & VACUUM HOSE

Mackay EFV Hose is made from fuel resistant nitrile with HYPALON covering and is heat and ozone resistant.



ID	PART NO.	LENGTH	PACK
3mm (7/64")	EFV1003x2	2 metres	Bag
	EFV1003x10	10 metres	Box
	EFV1003x20	20 metres	Box
4mm (5/32")	EFV1004x2	2 metres	Bag
	EFV1004x10	10 metres	Box
	EFV1004x20	20 metres	Box
5.5mm	EFV10055x2	2 metres	Bag
	EFV10055x10	10 metres	Box
6mm (1/4")	EFV1006x2	2 metres	Bag
	EFV1006x10	10 metres	Box
	EFV1006x20	20 metres	Box

## HEATER HOSE

Mackay Heater Hose is manufactured from heat and ozone resistant EPDM meeting or exceeding Spec. **SAE 20R3 Class D-1**. Burst pressure (min) 250 PSI, Working pressure (max) 40PSI, Working Temp to 110°

**CAUTION:** Not suitable for Oil, Fuel or Brake Fluid applications.

INSIDE DIAMETER	PART NO.	LENGTH	PACK
8mm (5/16")	HH82	2 metres	Plastic Bag
	HH810	10 Metres	Box
	HH820	20 metres	Box
	HH850	50 metres	Coil
9.5mm <small>Thin Wall thickness (3mm)</small>	HH10TWX2 *	2 metres	Plastic Bag
	HH10TWX20	20 metres	Box
10mm (3/8")	HH102	2 metres	Plastic Bag
	HH1010	10Metres	Box
	HH1020	20 metres	Box
	HH1050	50 metres	Coil
12.7mm (1/2")	HH1272	2 metres	Plastic Bag
	HH12710	10 metres	Box
	HH12720	20 metres	Box
	HH12750	50 metres	Coil
15.9mm (5/8")	HH1592	2 metres	Plastic Bag
	HH15910	10 metres	Box
	HH15920	20 metres	Box
	HH15940	40 metres	Spool
17.5mm (11/16")	HH1752	2 metres	Plastic Bag
	HH17510	10 metres	Box
	HH17520	20 metres	Box
19mm (3/4")	HH192	2 metres	Plastic Bag
	HH1910	10 metres	Box
	HH1920	20 metres	Box
25.4mm (1")	HH2545	5 metres	Coil



\* Note- can use SHW9.5X2

HEATER HOSE



## FUEL HOSE

Mackay Fuel Hose is made from petroleum resistant rubber to conform to Spec. SAE J30 R6. This hose is suitable for Low Pressure use with leaded and unleaded petrol, diesel/fuel, lubricating oil and fuel vapour.

**CAUTION:** *Not suitable for Fuel Injection, Alcohol Fuels, Coolant or Brake Fluid applications*  
*Fuel Hoses should be shielded and routed away from Exhaust Manifolds / Pipes.*

ID	PART NO	LENGTH	PACK	BURST PRESSURE (MIN)	WORKING PRESSURE (MAX)
4mm (5/32")	FH1004x2	2 metres	Card/Skin Pack	1720Kpa (250 PSI)	340Kpa (50 PSI)
	FH1004x10	10 metres	Box		
	FH1004x20	20 metres	Box		
	FH1004x50	50 metres	Coil		
5mm (3/16")	FH1005x2	2 metres	Card/Skin Pack	1720Kpa (250 PSI)	340Kpa (50 PSI)
	FH1005x10	10 metres	Box		
	FH1005x20	20 metres	Box		
	FH1005x50	50 metres	Coil		
6mm (1/4")	FH1006x2	2 metres	Card/Skin Pack	1720 Kpa (250 PSI)	340 Kpa (50 PSI)
	FH1006x10	10 metres	Box		
	FH1006x20	20 metres	Box		
	FH1006x50	50 metres	Coil		
8mm (5/16")	FH1008x2	2 metres	Card/Skin Pack	1720 Kpa (250 PSI)	340 Kpa (50 Psi)
	FH1008x10	10 metres	Box		
	FH1008x20	20 metres	Box		
	FH1008x50	50 metres	Coil		
10mm (3/8")	FH1010x2	2 metres	Card/Skin Pack	1200 Kpa (174 PSI)	240Kpa (35 PSI)
	FH1010x10	10 metres	Box		
	FH1010x20	20 metres	Box		
	FH1010x50	50 metres	Coil		
13mm (1/2")	FH1013x2	2 metres	Card/Skin Pack	1200 Kpa (174 PSI)	240 Kpa (35 PSI)
	FH1013x10	10 metres	Box		
	FH1013x20	20 metres	Box		
	FH1013x50	50 metres	Coil		



## FUEL HOSE (Submersible - In-Tank Applications)

Mackay Submersible Fuel Hose is designed for constant fuel contact non-pressure use inside the tank; pump suction and recirculated, returned fuel. Made from Nitrile PVC and reinforced with Aramide fibre. This superior fuel hose is suited for In-Tank applications. Conforms to spec SAE J30 R10.

**CAUTION:** *It is not suitable for Fuel Injection or Brake Fluid applications.*

ID	PART NO	LENGTH	PACK
8mm	FHIT8x1	1 metre	Bag
	FHIT8x20	20 metre	Box
10mm	FHIT10x20	20 metre	Box



## POWER BRAKE VACUUM HOSE

Mackay Power Brake Vacuum Hose is a light duty hose designed for vacuum brake applications only. Mackay Brake Vacuum hose conforms to specification SAE J 1403L.

**CAUTION:** *Not suitable for Brake Fluid Applications.*

ID	PART NO.	LENGTH	PACK
8.7mm(11/32)	BVH902	2 metres	Bag
	BVH905	5 metres	Bag
	BVH910	10 metres	Box
12mm(15/32)	BVH1202	2 metres	Bag
	BVH1205	5 metres	Bag
	BVH1210	10 metres	Box

## FUEL INJECTION HOSE

Mackay Fuel Injection Hose consists of a Fluoroelastomer inner lining which gives protection against petrol, oxidised petrol, diesel fuel, lubricating oil, fuel vapour as well as ethanol extended petrol (**Suitable for Ethanol blends up to E85 and up to 15% Methanol**). This is covered by a tube to resist chemical attack and reinforced with braided yarn. This, in turn, is covered by an outer layer of HYPALON which is heat and ozone resistant. Mackay Fuel injection hose conforms to specification SAE J 30R9. Burst pressure (Min.) 6.2Mpa (900 psi)

**CAUTION:** *Not suitable for Coolant or Brake Fluid applications*

ID	PART NO.	LENGTH	PACK
6.3 mm (1/4)	FIH6502	2 metres	Bag
	FIH6505	5 metres	Bag
	FIH6510	10 metres	Box
8 mm (5/16)	FIH802	2 metres	Bag
	FIH805	5 metres	Bag
	FIH810	10 metres	Box
9.5 mm (3/8)	FIH9502	2 metres	Bag
	FIH9505	5 metres	Bag
	FIH9510	10 metres	Box

## TRANSMISSION COOLER & POWER STEERING RETURN HOSE

Mackay Transmission Cooler and Power Steering Return Hose is formulated from compounds based on the Company's OE experience. The hose is heat resistant to 135 degrees Celsius and conforms to specification SAE J 189. Burst pressure (Min.) 6.9Mpa (1000PSI)

**CAUTION:** *Not suitable for Coolant, Fuel or Brake Fluid applications*

ID	PART NO.	LENGTH	PACK
8 mm (5/16)	TPH802	2 metres	Bag
	TPH805	5 metres	Bag
	TPH810	10 metres	Box
9.5mm(3/8)	TPH1002	2 metres	Bag
	TPH1005	5 metres	Bag
	TPH1010	10 metres	Box

## RADIATOR OVERFLOW HOSE

Low pressure non reinforced hose made from EPDM, providing resistance to coolant additives and heat and ozone.

Suitable for radiator (water) overflow applications.

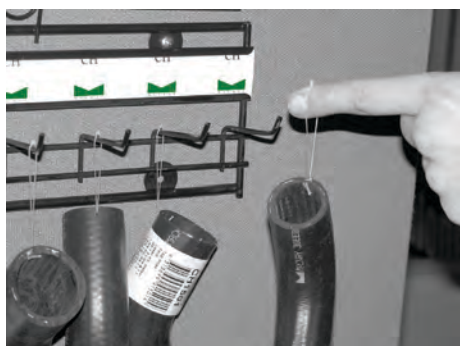
ID	PART NO.	LENGTH	PACK
8mm (5/16)	OFH801	1 metre	Bag
	OFH810	10 metres	Box
	OFH820	20 metres	Box
10mm (3/8)	OFH1001	1 metre	Bag
	OFH1010	10 metres	Box
	OFH1020	20 metres	Box

## WIPER TUBING

Mackay Wiper Tubing is manufactured from EPDM which is resistant to ozone, heat and water swell. The tubing meets Spec. SAE J1037. This tubing is **not** suitable for conveying petroleum products.

ID	PART NO.	LENGTH	PACK
3.2mm	WT3.2X2	2 metres	Bag
	WT3.2X10	10 metres	Box
4.8mm	WT4.8X2	2 metres	Bag
	WT4.8X10	10 metres	Box
6.3mm	WT6.3X2	2 metres	Bag
	WT6.3X10	10 metres	Box

## HOSE MERCHANDISERS

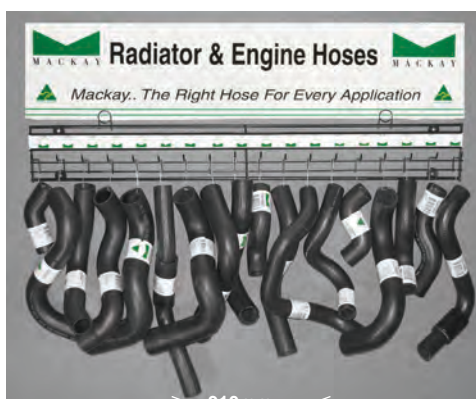


Mackay offer several hose merchandisers to assist customers to increase sales of Mackay hoses. These merchandisers are designed to be used as a shop front display or to keep your entire hose range organised behind the counter. All merchandisers utilise the unique Mackay "Hang Ups"™ plastic strap fitted to Mackay Hoses

### CHM1- WALL MOUNTED MERCHANDISER

This eye catching merchandiser includes an attractive header board; two wall mounted racks with 18 hooks per rack and part number inserts to effectively display the most popular Mackay hoses in your sales area. **Included with this merchandiser are 36 of the most popular Australian Application hoses in the Mackay range** and the latest edition of the Mackay Radiator and Engine Hose Catalogue.

Part No. CHM1



This merchandiser racks are also available separately, without the hose selection.

**Part No. HR1** Contains 1 x 18 hook rack  
**Part No. CHMB** Contains 1 Header Board

### HR5- FREE STANDING MERCHANDISER



The HR5 is a free standing Merchandiser suitable for shop front display or behind the counter use. The HR5 includes 6 HR3 racks, additional HR3 racks can easily be attached to increase the range. (up to 16 HR3 racks can be attached which covers 224 Part Numbers) **Stock is not included.**

## HOSE MERCHANDISERS

### SOLVE your HOSE STORAGE PROBLEMS

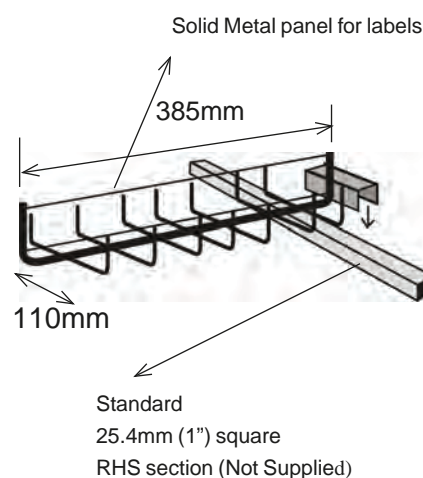
#### MACKAY HOSE RACK - HR3

The **Mackay HR3 rack** now **solves** the **problem** of **hose storage** and **organisation** using a **minimum of space**.

The **HR3 rack** is **ideal** for **distributors, retailers and trade users** and can be **adopted** for both **behind the counter bulk storage** requirements and **shop front display** purposes.

Each HR3 metal rack can hold 14 different Mackay hoses, the racks simply slide on to a standard 25.4 mm (1" inch) square tube giving you total flexibility, you can **install them anywhere, a back wall, inside a parts bin** or incorporate it into your **shop front display**. You can space them out by simply sliding them along to suit your space needs.

There is now **no excuse for lost sales, keep the extensive range of Mackay hoses at hand** and organised and **stay ahead of your competitors**.



## Heater Valve Taps

### FORD

Falcon / Fairlane	1972-1979	Heater Valve 2 Port	HV5202M
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Falcon	XD-XF 6 Cyl 1979-1988	Heater Valve 2 Port	HV5217M
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Falcon	EA - AU 3.2, 3.9 & 4.0 Litre 1988-9/2002	Heater valve 2 Port	HV5213M
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Falcon	EB 5 Litre V8 1991-1993 ED 5 Litre V8 1993-1994 EF 5 Litre V8 1994-1996 AU 5 Litre V8 1998-2002	Heater Valve 4 Port	HV6315M
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Falcon	BA 6 Cyl 2002-2005	Heater Valve 2 Port	HV2005M
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### HOLDEN

Astra	TR 1.6, 1.8, 2.0 Litre 9/96-9/98	Heater Valve 3 Port	HV2007M
Barina	SB 1.2, 1.4, 1.6 Litre 4/94-7/97		
Combo	SB 1.4 Litre 3/96-9/2002		
Vextra	JR 2.0, 2.5 Litre 6/97-8/98		
Vectra	JS 2.0, 2.2, 2.5, 2.6 Litre 9/98-12/02		





Commodore	VN-VT 3.8 Litre V6 1988-2000	Heater Valve 4 Port	HV5631M
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Commodore	VN-VY 8 Cyl 1988-2004	Heater Valve 2 Port	HV5217M
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Commodore	VZ V6 2004-2007	Heater Valve 2 Port	<b>HV2005M</b>	
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Holden	HQ - HZ 1971-1979	Heater Valve 3 Port	<b>HV5104M</b>	
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Holden	HQ - HZ 1971-1980	Heater Valve 2 Port	<b>HV5105M</b>	
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<b>JEEP</b>				
Cherokee	XJ 4.0 Litre MX 6 Cyl 1993-2002	Heater Valve 4 Port	<b>HV6315M</b>	

<b>TOYOTA / LEXUS</b>				
Camry	SXV10, VCV10R, 1992-1997	Heater Valve 2 Port	<b>HV3020M</b>	
	VCVC10R, MCV20R			
Lexus ES300				

<b>UNIVERSAL</b>				
		Heater Valve 2 Port	<b>HV4008M</b>	



## Mackay Vehicle Hose Packs

**Note!** Only frequent replacement hoses from our available range are included in the packs. Please check pack contents list. Hoses not listed may be available separately.

### Pack Contents:



PART #	QTY	APPLICATION
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### HOLDEN

#### CHVP6 - VL Commodore 3.0 Litre RB30 EFI 1986-88

CH1545	1	Top Hose
CH1546	1	Bottom Hose
CH1964	1	Thermostat to Heater Inlet
CH1977	2	Heater Hose
CH3258	1	Bypass Hose Pipe 2 to Pipe 3
CH3256	1	Bypass Hose Pipe 3 To Inlet Manifold
SHW6X1	1	Straight Hose x 1 Metre
SHW6X2	1	Straight Hose x 2 Metres

#### CHVP15- VP- VR Commodore 3.8 Litre V6 1991-94

CH1759	1	Top Hose
CH1643	1	Bottom Hose
CH1779	1	Heater Hose Valve to Heater
CH1780	1	Heater Hose Heater to Engine
CH1781	1	Water Valve to Engine
CH1782	1	ByPass Hose

#### CHVP7 - VN Commodore 3.8 Litre V6 1988-91

CH1644	1	Top Hose
CH1643	1	Bottom Hose
CH1646	1	Engine To Water Valve
CH1647	1	Water Valve to Heater Inlet
CH1648	1	Heater Outlet to Water Valve
CH1649	1	Water Valve To Engine
SHW6X3	1	Straight Hose x 3 Metres

#### CHVP50- VP- VR Commodore 3.8 Litre V6 1991-94 With ABS

CH1848	1	Top Hose
CH1643	1	Bottom Hose
CH1779	1	Heater Hose Valve to Heater
CH2155	1	Heater Hose Heater to Engine
CH1781	1	Water Valve to Engine
CH1782	1	ByPass Hose

#### CHVP8 - VS Commodore 3.8 Litre V6 1995-97

CH1979	1	Top Hose
CH1980	1	Bottom Hose
CH2040	1	Water Valve To Inlet
CH2041	1	Water Valve to Engine Outlet
CH2042	2	Heater To Water Valve
CH3269	1	Throttle Body Hose

#### CHVP3 - VT, VX, VU & Statesman WH 97-02 3.8 Litre (L36) V6 12V OHV

##### Naturally Aspirated

CH2256	1	Top Hose
CH2257	1	Bottom Hose
CH2279	1	Heater Tap to Heater Core Lower
CH2282	1	Heater Tap to Heater Core Upper
CH2280	1	Lower Heater Tap to Engine Inlet
CH2277	1	Engine Outlet to Upper Heater Tap

#### CHVP53 Commodore VT, VX, Statesman WH 97-02 3.8 Litre (L67) V6 12V OHV Supercharged

CH2264	1	Top Hose
CH2257	1	Bottom Hose
CH2277	1	Heater Hose, Engine Outlet to Upper Heater Tap
CH2279	1	Heater Hose, Heater Tap to Heater Core Lower
CH2280	1	Heater Hose, Lower Heater Tap to Engine Inlet
CH2282	1	Heater Hose, Heater Tap to Heater Core Upper
CH3061	1	ByPass Hose, Pipe to Thermostat Housing
CH3269	1	ByPass Hose, Throttle Body to Supercharger

#### CHVP5 - VY Commodore V6 Non Supercharged 2002-04

CH3318	1	Top Hose
CH2257	1	Bottom Hose
CH2279	1	Water Valve To Heater Upper
CH2282	1	Water Valve To Heater Lower
CH2280	1	Heater Hose
CH2277	1	Inlet Hose To Heater Tap

PART #	QTY	APPLICATION
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#### CHVP42 - Jackaroo 98-3/99 3.0 Litre T/Diesel

CH2459	1	Top Hose
CH2999	1	Bottom Hose
CH2458	1	Heater Hose Outlet
CH2460	1	Heater Hose Inlet

#### CHVP43 - Jackaroo 4/99-ON 3.0 Litre T/Diesel

CH2459	1	Top Hose
CH3000	1	Bottom Hose
CH2458	1	Heater Hose Outlet
CH2460	1	Heater Hose Inlet

#### CHVP44 - Jackaroo 88-92 2.8 Litre T/Diesel

CH2819	1	Top Hose
CH2841	1	Bottom Hose
CH2766	1	ByPass Hose Pipe to Thermostat
CH2843	1	Heater Hose Pipe to water manifold
CH2844	1	Heater Hose to engine
CH2766	1	Heater hose Engine to Heater
CH2842	1	Heater Hose to pipe

### FORD

#### CHVP9- XF Falcon 3.3 & 4.1 Litre EFI Only 1984-88

CH1385	1	Top Hose (With A/C)
CH968	1	Bottom Hose
CH1671	1	Heater Hose (Heater to T Piece) to 1/88
CH1672	1	Heater Hose (Water Pump to H Piece)
CH1665	1	Heater Hose (Cyl Head to Adaptor)
CH1663	1	Heater Hose (H Piece to Stop Valve)
CH1664	1	Heater Hose (Stop Valve to Heater)
CH1673	1	Heater Hose (Heater To Adaptor)

#### CHVP14 - EA-EB Falcon 3.9 Litre 6 Cyl 1988-92

CH1605	1	Top Hose
CH1606	1	Bottom Hose
CH1626	1	Hose- Heater to Pipe (Multi Point E.F.I.)
CH1627	1	Hose - Water Valve to heater (Multi Point E.F.I.)
SHW9.5x2	1	Straight Hose 9.5mm x 2 metres

#### CHVP2 - EA-EB Falcon 3.9 Litre 6 Cyl 1988-92

CH1605	1	Top Hose
CH1606	1	Bottom Hose
CH1624	1	Hose-Water Valve to Heater Core (Single Point E.F.I.)
CH1623	1	Hose-Manifold to Water Valve (Single Point E.F.I.)
CH1625	1	Hose-Heater to Water Pump (Single point E.F.I.)
SHW9.5x2	1	Straight Hose 9.5mm x 2 metres

#### CHVP18 - EB II-ED Falcon 4 Litre 6 Cyl 2/92-1994

CH1771	1	Top Hose
CH1788	1	Bottom Hose
CH1626	1	Hose- Heater to Pipe (Multi Point E.F.I.)
CH1627	1	Hose - Water Valve to heater (Multi Point E.F.I.)
CH2248	1	Hose- Radiator to Header Tank
SHW9.5x2	1	Straight hose 9.5mm x 2 metres

#### CHVP11 - EF-EL Falcon 4.0 Litre 6 Cyl 1994-98

CH1944	1	Top Hose
CH1945	1	Bottom Hose
CH1946	1	Heater Hose with end fitting
CH1627	1	Heater Hose
CH2471	1	Heater Hose Tap To Pipe
CH2160	1	Recovery Tank to Radiator Hose
SHW9.5x2	1	Straight Hose 9.5mm x 2 metres

#### CHVP10 - AU Falcon 4 Litre 6 Cyl 1998-2002

CH2473	1	Top Hose
CH2475	1	Bottom Hose
CH2476	1	Radiator Supply Tank
CH2456	1	Crankcase Vent Hose



PART #	QTY	APPLICATION
CH2471	1	Heater hose Tap To Pipe
CH1627	1	Heater Hose valve to heater (MPFI)
SHW9.5x2	1	Straight Hose 8.5mm x 2 metres
CH1946	1	Heater Hose with Fitting
<b>CHVP51 - BA/BF Falcon 9/2002 - 4/2008 4.0 Litre Barra Turbo &amp; Non Turbo</b>		
CH3304	1	Supply Tank Hose
CH3300	1	Bottom Hose
CH3312	1	Crankcase Vent Hose
CH3299	1	Top Hose
CH3386	1	Heater Hose with T Piece
CH3329	1	Heater Hose
SHW9.5X2	1	Straight 9.5mm ID Hose x 2 metres
<b>CHVP52 - BA/BF Falcon 9/2002 - 4/2008 4.0 Litre Barra Turbo &amp; Non Turbo</b>		
CH3304	1	Supply Tank Hose
CH3300	1	Bottom Hose
CH3312	1	Crankcase Vent Hose
CH3299	1	Top Hose
CH3330	1	Heater Hose without T Piece
CH3329	1	Heater Hose
SHW9.5X2	1	Straight 9.5mm Hose x 2 metres
<b>CHVP16 - Laser KC/ MAZDA 323 1.6 Litre 1987-90</b>		
CH1501	1	Top Hose
CH1533	1	Bottom Hose
CH1840	1	ByPass Hose
CH1847	1	Heater Hose Engine to Heater
CH1845	1	Heater Hose Heater to Engine
<b>CHVP40 - Courier/ Mazda Bravo 96-98 2.8 Litre Diesel</b>		
CH2579	1	Top Hose
CH2561	1	Bottom Hose
CH2572	1	ByPass Hose
CH2255	1	Heater Hose
CH2569	1	Heater Hose
<b>CHVP39 - Courier/ Mazda Bravo 99-02 2.5 Litre T/D</b>		
CH3375	1	Top Hose
CH3372	1	Bottom Hose
CH3369	1	ByPass Hose
CH3383	1	Heater Hose
CH3371	1	Heater Hose
CH3381	1	Heater Hose
<b>TOYOTA</b>		
<b>CHVP12 - VDV10 Camry 3.0 Litre V6 2/93-95</b>		
CH1816	1	Top Hose
CH1817	1	Bottom Hose
CH1973	1	Heater Hose Inlet To Valve
CH1974	1	Heater Hose Outlet
CH1976	1	Heater Hose Tap to Heater
<b>CHVP1 HiLux LN86-106 2.8 Litre Diesel 8/88-8/94 (w/out p/stg)</b>		
CH2014	1	Top Hose
CH2006	1	Bottom Hose
CH3528	1	Heater Hose
CH3071	1	ByPass Hose
CH3530	1	Heater Hose
CH3527	1	heater Hose
CH3526	1	Heater Hose
CH3529	1	Heater Hose
<b>CHVP17 HiLux LN86-106 2.8 Litre Diesel 8/88-8/94 (with p/stg)</b>		
CH2014	1	Top Hose
CH2010	1	Bottom Hose Pipe to Engine No 2
CH2011	1	Bottom Hose Radiator To Pipe No1
CH3528	1	Heater Hose
CH3071	1	ByPass Hose
CH3530	1	Heater Hose
CH3527	1	heater Hose
CH3526	1	Heater Hose
CH3529	1	Heater Hose
CH3531	1	Heater Hose No 3
<b>CHVP35- HiLux LN147R 3.0 Litre 5L</b>		
CH2680	1	Bottom Hose pipe to block
CH2697	1	Bottom Hose radiator to pipe
CH2690	1	Heater Hose Inlet B
CH2689	1	Heater Hose Inlet A
CH2997	1	Heater Hose outlet A
CH2691	1	Heater Hose outlet B
CH2679	1	Top Hose

PART #	QTY	APPLICATION
<b>CHVP36 - HiLux LN172 3.0 Litre 5L &amp; 5LE Engines 1997-03</b>		
CH2680	1	Bottom Hose pipe to block
CH2998	1	Bottom Hose radiator to pipe
CH2690	1	Heater Hose Inlet B
CH2689	1	Heater Hose Inlet A
CH2997	1	Heater Hose outlet A
CH2691	1	Heater Hose outlet B
CH2679	1	Top Hose
<b>CHVP37- HiLux KZN165R 1999-05 3.0 Litre T/Diesel</b>		
CH4181	1	Top Hose
CH4182	1	Bottom Hose
CH4184	1	Heater Hose Outlet
CH4183	1	Heater Hose A
<b>CHVP45- HiLux LN130 1989-96 2.8 Litre Diesel</b>		
CH2014	1	Top Hose
CH2011	1	Bottom Hose
CH2010	1	Bottom Hose
CH3529	1	Heater Hose Outlet B
CH3526	1	Heater Hose Inlet B
CH3527	1	Heater Hose Outlet E
CH3530	1	Heater Hose Inlet C
CH3528	1	Heater Hose Outlet A
CH3071	1	Heater Hose Inlet E
CH3531	1	Heater Hose Inlet A
<b>CHVP38- HiLux LN167R 1997-2003 3 Litre 5L &amp; 5LE Engines</b>		
CH2679	1	Top Hose
CH2680	1	Bottom Hose Pipe to Engine
CH2998	1	Bottom Hose Radiator to Pipe
CH4618	1	Bottom Hose Radiator to pipe 10/00-03
CH4731	1	Heater Hose
CH4729	1	Heater Hose
CH2691	1	Heater Hose Outlet B
CH2690	1	Heater Hose Inlet B
CH2997	1	Heater Hose Outlet A
CH2689	1	Heater Hose Inlet
<b>CHVP26 - Landcruiser HZJ105R 4.2 Litre Diesel with rear Heater 1/98-ON</b>		
CH3079	1	ByPass Hose 1
CH2001	1	Top Hose
CH3046	1	Heater Hose Inlet A
CH3075	1	ByPass Hose 2
CH2526	1	Bottom Hose
CH3045	1	Heater Hose Inlet B
<b>CHVP25 - Landcruiser HZJ105R 4.2 Litre Diesel w/out rear Heater 1/98-ON</b>		
CH3079	1	ByPass Hose 1
CH2001	1	Top Hose
CH3046	1	Heater Hose Inlet A
CH3075	1	ByPass Hose 2
CH2526	1	Bottom Hose
CH2875	1	Heater Hose Inlet B
<b>CHVP34 - Prado 90 Series 3.4 Litre V6 5VZ-FE 2003-2007</b>		
CH4198	1	Heater Hose Inlet C
CH4200	1	Heater Hose Outlet B
CH4199	1	Heater Hose Outlet A
CH2213	1	Top Hose
CH4216	1	Bottom Hose
<b>CHVP32 - Prado 120 Series 3.0 Litre 1KZ-TET/Diesel 2003-2007</b>		
CH3728	1	Bottom Hose
CH3740	1	Heater Hose A
CH3738	1	Heater Hose B
CH3739	1	Heater Hose C
CH3729	1	Top Hose
<b>CHVP33 - Prado 120 Series 4.0 Litre V6 DOHC 1GR-FE 2003-2007</b>		
CH3753	1	Heater Hose A
CH3757	1	ByPass Hose B
CH3754	1	ByPass Hose
CH3756	1	Heater Hose C
CH3758	1	Heater Hose B

PART #	QTY	APPLICATION	PART #	QTY	APPLICATION
<b>MITSUBISHI</b>			<b>NISSAN</b>		
<b>CHVP13 - TR-TS Magna 3.0 Litre V6 1991-96</b>			<b>CHVP27 Patrol GU (Y61) 4.5 Litre TB45 1997-2000</b>		
CH1820	1	Top Hose	CH2743	1	Heater Hose Outlet
CH1822	1	Bottom Hose (Auto)	CH2744	1	Heater Hose Front No1
CH2779	1	Heater Hose No. 1	CH2895	1	Heater Hose Front No3
CH2723	1	Heater Hose No. 2	CH2745	1	ByPass Hose
CH2777	1	Thermostat Bypass	CH2748	1	ByPass Hose
HH82	1	Water Intake Pipe To Connector	CH2747	1	ByPass Hose
<b>CHVP20 Pajero NJ 3.5 Litre V6 1996-97</b>			CH2742	1	Heater Hose B
CH2501	1	Top Hose	HH1272	1	ByPass Hose (Cut to Length)
CH2454	1	Bottom Hose	CH2746	1	ByPass Hose
CH3505	1	Throttle Body Hose D	CH2740	1	Bottom Hose
CH3502	1	Heater Hose A	CH2739	1	Top Hose
CH3501	1	Heater Hose B	ZHB8	1	ByPass Hose
CH3583	1	Water Line Hose 3	CH2741	1	heater Hose A
CH3507	1	Throttle Body Hose C	<b>CHVP28 Patrol GQ (Y60) 4.2 Litre TB42 (Carby only) 1988-97</b>		
CH3506	1	Throttle Body Hose B	CH4262	1	Heater Hose Engine to Heater
CH3509	1	ByPass Hose	CH1694	1	Bottom Hose
CH3504	1	ByPass Hose	CH3411	1	ByPass Hose Thermostat to Engine
CH3577	1	Water Line Hose 1	CH3410	1	ByPass Hose Intake to Engine
CH3508	1	Throttle Body Hose A	CH3661	1	Heater Hose Heater to Engine
<b>CHVP21 Pajero NJ 3.0 Litre V6 1993-96</b>			CH1693	1	Top Hose
CH3947	1	Heater Hose	<b>CHVP29 Patrol GQ (Y60) 4.2 Litre TB42 (EFI only) 1988-97</b>		
CH3948	1	Heater Hose	CH3119	1	ByPass Hose 2 (Engine to pipe)
CH1711	1	Top Hose	CH1694	1	Bottom Hose
CH3581	1	ByPass Hose	CH3117	1	ByPass Hose 3 to Engine
CH3584	1	ByPass Hose Throttle Body inlet	CH3671	1	Heater Hose (engine to Heater)
CH1712	1	Bottom Hose	CH3120	1	Heater Hose ( Heater to Engine)
SHW7x1	1	Straight Hose x 1 Metre	CH1693	1	Top Hose
<b>CHVP19 Pajero NJ 3.5 Litre V6 6G74 1995-96</b>			<b>CHVP46 Nissan Patrol GU Y61 3.0ltr ZD30 Diesel 02/2000- 08/2006</b>		
CH2455	1	Top Hose	CH3103	1	Top Hose
CH2454	1	Bottom Hose	CH3104	1	Bottom Hose
CH3505	1	Throttle Body Hose D	CH3105	1	Turbo Hose Short
CH3502	1	Heater Hose A	CH3106	1	Turbo Hose
CH3501	1	Heater Hose B	CH3107	1	Turbo Hose Cold Side
CH3583	1	Water Line Hose 3	CH4866	1	Heater Hose
CH3507	1	Throttle Body Hose C	CH4862	1	ByPass Hose
CH3506	1	Throttle Body Hose B	CH4936	1	Expansion Tank Hose
CH3509	1	ByPass Hose	<b>CHVP47 Nissan Patrol GU Y61 3.0ltr ZD30 Diesel 08/2006-ON</b>		
CH3504	1	ByPass Hose	CH4854	1	Top Hose
CH3577	1	Water Line Hose 1	CH4856	1	Bottom Hose
CH3508	1	Throttle Body Hose A	CH4863	1	Heater Hose
<b>CHVP23 Pajero NP 3.5 Litre V6 6G74 2002-04</b>			CH4855	1	Heater Hose
CH4194	1	Heater Hose D	CH4865	1	ByPass Hose
CH4191	1	Heater Hose A	CH4852	1	ByPass Hose
CH3752	1	ByPass Hose B Sub Assembly	CH4857	1	ByPass Hose
CH3750	1	ByPass Hose A Sub Assembly	CH4936	1	Expansion Tank Hose
CH3755	1	Bottom Hose	<b>CHVP48 Nissan Patrol GU Y61 3.0ltr ZD30 Diesel 12/2009-ON</b>		
CH3759	1	Top Hose	CH4854	1	Top Hose
CH3751	1	ByPass Hose A	CH4856	1	Bottom Hose
<b>CHVP22 Pajero NM 3.5 Litre V6 6G74 2000-2002</b>			CH3216	1	Heater Hose
CH4194	1	Heater Hose D	CH3212	1	Heater Hose
CH4191	1	Heater Hose A	CH4865	1	ByPass Hose
CH4193	1	Heater Hose C	CH4852	1	ByPass Hose
CH4192	1	Heater Hose B	CH4857	1	ByPass Hose
CH3714	1	Top Hose	CH4936	1	Expansion Tank Hose
CH3654	1	Bottom Hose	<b>CHVP49 Nissan Patrol 2/2000-8/06 3.0 Litre Diesel</b>		
<b>CHVP24 Pajero NP 3.2 Litre Turbo Diesel 2005-ON</b>			CH3103	1	Top Hose
CH3762	1	Top Hose	CH3104	1	Bottom Hose
CH3767	1	Bottom Hose	CH4866	1	Heater Hose
CH3765	1	Heater Hose A	CH4862	1	By Pass Hose
CH3766	1	Heater Hose B	CH4936	1	Expansion Tank Hose
CH3764	1	Heater Hose C			
CH3763	1	Heater Hose D			
CH3770	1	Heater Hose E			
CH4193	1	Heater Hose C			
CH4192	1	Heater Hose B			
CH3714	1	Top Hose			
CH3654	1	Bottom Hose			

Make Model	Description	Mackay #	O.E.M #
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## ALFA ROMEO

ALFA ROMEO

### 75 2.5 LITRE V6 1987-90

Top Hose

CH4441 60533866000160A



### 115 SERIES

Top Hose 1982-88

CH2731 16200106

Top Hose 1990-94

CH3771 16210107

Top Hose 1990-94

CH4688 16200107

ByPass Hose 1982-89

CH4507 16220103



### GTV 6 1981-86

Bottom Hose *Short elbow*

CH3925 60728484



### SPIDER

Top Hose 1982-84

CH3924 60723019



### SPIDER GRADUATE 1984-89

Bottom Hose

CH2417 60518758000151D



## AUDI

AUDI

### 80 1.3, 1.6, 1.9 LITRE ZA,YP,YN,FY,DT,EP,WV ENGINES 5/1972-8/1991

Top Hose

CH5207 855121101C



### 80 B3 SERIES 1.6-2.0 LITRE ENGINES PETROL AND DIESEL 1987-91

Top Hose

CH4722 811121055

Bottom Hose

CH4481 811121051E

Note The products featured in this catalogue are supplied by Mackay Consolidated Industries Pty Ltd to suit the vehicle models indicated

\* Supplied with Coil Spring. All dimensions in millimetres

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AUDI

Make Model	Description	Mackay #	O.E.M #
<b>80 B3 SERIES 1.6-2.0 LITRE ENGINES PETROL AND DIESEL 1987-91</b>			
		CH4722 31 x 770	CH4481 37/42 x 420
<b>90/90 2.2 LITRE QUATTRO 1988-91</b>			
	Top Hose	CH4395	034121101
			CH4395 30 X 510
<b>100 RT &amp; KP 1.6,2.0 &amp; 1.6 LITRE T/D 9/1975-12/1994</b>			
	Top Hose	CH5235	8A0121101C
			CH5235 30 x 630
<b>100 2.0i AAE, AAD, ACE, AVG</b>			
	ByPass Hose	CH3803	048121063
			CH3803 19/24 x 170
<b>400 TURBO DIESEL 1982-83</b>			
	By Pass Hose (W.P Head)	CH2733	068121053E
			CH2733 24x330
<b>4000SE 1980-81</b>			
	Bottom Hose	CH2341	035121055B
			CH2341 32/36x680
<b>5000 2.1 &amp; 2.3 LITRE 1985-88</b>			
	Bottom Hose	CH2986	447121055B
			CH2986 35/32x270
<b>A4 1.6i ADP</b>			
	ByPass Hose	CH3803	048121063
	Heater Hose <i>Return</i>	CH3806	8D0819373H

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Make Model	Description	Mackay #	O.E.M #
<b>A4 1.6i ADP</b>			



## A4 1.8 LITRE ADR,AFY 1994-ON

Top Hose	CH3804	8D0121101D
Top Hose <i>with fitting</i>	CH3920	8D0819371G
Heater Hose Inlet 1995-ON	CH3921	8D0819371G



## A4 1.8i ADR, AEB AFY

ByPass Hose	CH3803	048121063
Heater Hose <i>Return</i>	CH3806	8D0819373H



## A4, A6 1.6 & 1.8 LITRE AHL,ARM,AJP, ACPE,ARH ENGINES 1995-2001

ByPass Hose <i>Throttle valve housing</i>	CH3911	06B121058A
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## A4 1.9TDi 1Z, APN, AFT, AHU

ByPass Hose	CH3803	048121063
Heater Hose <i>Return</i>	CH3806	8D0819373H

## A6 1.9TDi 1Z

ByPass Hose	CH3803	048121063
Heater Hose <i>Return</i>	CH3806	8D0819373H

## A6 2.0i ABK, ADW, ACE, AAE

ByPass Hose	CH3803	048121063
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## BEDFORD VANS; UTILITIES

### CF SERIES

#### 2,2,3 Litre 4 cyl 1964-74

1969-74	Bottom Hose with Heater	CH779	7447907
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#### CF Series- Holden 6 CYL

1973-81	Top Hose Pipe to Radiator	CH636	7423136
	Bottom Hose -Radiator to Pipe	CH637	7420304



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Make Model	Description	Mackay #	O.E.M #
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**CHEVANNE 9.8 CWT**

1976-82	Top Hose	CH1097	91010008
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**6/8 CWT, HAE, HAV, 92000 BEAGLE**

1975-83	Top Hose	CH626	91019372
---------	----------	-------	----------

**BEDFORD TRUCKS****J5, J6 SERIES 300 c.i.d. (PETROL)**

1959-70	Hose Outlet to Water Pump CHASSIS No 1001-95106	CH658	7075667
	Bottom Hose - Pipe to Engine CHASSIS No 129139	CH658	7075667
	Bottom Hose - Pipe to Engine CHASSIS No 95107-129138	CH658	7075667

**K SERIES****214, 300 c.i.d Petrol) 1961-70**

Top Hose - Filler Pipe to Header Tank	CH658	7075667
Bottom Hose - Pipe to Radiator	CH657	6366590

**300 c.i.d. (Diesel) 1961-70**

Bottom Hose - Radiator to Pipe CHASSIS No 1001-6832696	CH657	6366590
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**C SERIES****300 c.i.d. (Petrol) 1968-ON**

Bottom Hose - Pipe to Engine CHASSIS No. 7T1001-9T121959	CH658	7075667
--	-------	---------

**330 c.i.d. (Diesel) 1986-ON**

Bottom Hose - Pipe to Engine CHASSIS No. 7T1001-9T121959	CH658	7075667
--	-------	---------

**E SERIES****214 c.i.d. (Petrol) (68 model year) 1968-72**

Bottom Hose - Radiator to Pipe	CH1383	281224
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**300 c.i.d. (Petrol) & 330 c.i.d. (Diesel) 1986-ON**

Bottom Hose - Pipe to Radiator	CH1383	2812244
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**EPR, ERT.381 AND 486 c.i.d. (DIESEL) 1968-ON**

Bottom Hose - Pipe to Engine	CH1450	2812978
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Make Model	Description	Mackay #	O.E.M #
<b>N SERIES, 300 C.I.D.(DIESEL) 1968-ON</b>			
	Bottom Hose - Radiator to Pipe	CH657	6366590
	Bottom Hose - Pipe to Engine	CH658	7075667

## **BEDFORD BUSES**

<b>B SERIES</b>			
<b>300 c.i.d.(Petrol) 1975-ON</b>			
	Bottom Hose - Radiator to Pipe	CH657	6366590
	Bottom Hose - Pipe to Engine	CH658	7075667
<b>466 c.i.d.(Diesel) 1975-ON</b>			
	Bottom Hose - Radiator to Pipe	CH657	6366590
<b>500 c.i.d. (Diesel) 1975-ON</b>			
	Bottom Hose - Radiator to Pipe	CH1383	2812244



<b>N SERIES 300 C.I.D.(PETROL) 1968-ON</b>			
	Bottom Hose Radiator to Pipe CH No.7T450001-OT478699	CH658	7075667
	Bottom Hose Radiator to Pipe CH No.OT478700	CH657	6366590

<b>P SERIES, 300 C.I.D. (PETROL) 1972-ON</b>			
	Bottom Hose Radiator to Pipe	CH657	6366590
	Bottom Hose -Pipe to Engine	CH658	7075667

<b>SB SERIES, 300 C.I.D. (DIESEL) &amp; (PETROL) 1951-68</b>			
	Bottom Hose - Radiator to Pipe	CH657	636590
	Bottom Hose - Pipe to Engine	CH658	7075667

<b>SB SERIES, 330 C.I.D.(DIESEL) 1951-68</b>			
	Bottom Hose - Pipe to Engine	CH658	7075667
	Bottom Hose-Radiator to pipe	CH657	6266590

<b>T SERIES</b>			
<b>300 c.i.d.(Petrol) (68 year model) 1968-72</b>			
	Bottom Hose -Radiator to Pipe	CH657	6366590
	Bottom Hose - Pipe to Engine	CH658	7075667
<b>300 c.i.d.(Petrol) (70 year model) 1972-74</b>			
	Bottom Hose - Radiator to Pipe	CH657	6366590
	Bottom Hose - Pipe to Engine	CH658	7075667
<b>466 c.i.d.(Diesel) (68 year model) CH No.7T100001-9T463095</b>			
	Bottom Hose - Radiator to Pipe	CH657	6366590
<b>466 c.i.d.(Diesel) (68 year model) CH No.9T463096</b>			
	Bottom Hose - Radiator to Pipe	CH657	6366590

<b>VA SERIES, 300 C.I.D. (PETROL) 330 AND 400 C.I.D. (DIESEL) 1963-68</b>			
	Bottom Hose - Radiator to Pipe	CH657	6366590
	Bottom Hose - Pipe to Engine	CH658	7075667

<b>VAL SERIES, 466 C.I.D. (DIESEL)</b>			
1963-68	Bottom Hose - Radiator to Engine	CH657	6366590

<b>VAM SERIES, 466 C.I.D.(DIESEL)</b>			
1963-68	Bottom Hose - Radiator to Pipe	CH657	6366590

<b>W SERIES, 466 C.I.D.(DIESEL)</b>			
1968-72	Bottom Hose -Radiator to Pipe	CH657	6366590

<b>Y SERIES, 466 C.I.D.(DIESEL)</b>			
	Bottom Hose -Radiator to Pipe	CH657	6366590



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BMW

Make Model	Description	Mackay #	O.E.M #
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**BMW****1502-2002Ti 1500-2002cc 1968-76**

Bottom Hose <i>with A/C</i>	CH4289	11531250702
ByPass Hose <i>return pipe</i>	CH4415	11531252227

**2500-2800 BAVARIA 1974-76**

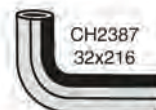
Hose Thermostat to Intake Manifold	CH2388	11531266609
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**2002 (M10) 1968-78**

Hose Water Pump to Thermostat	CH2343	11531266471
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**2002-2002 Ti 1968-76**

Top Hose	CH2346	11531266474
Bottom Hose ( <i>without A/C</i> )	CH2387	11531266452

**E12****5 Series****528i 2.8 litre 1975-81**

Bottom Hose	CH1877	11531266462, 11531251520
ByPass Hose <i>Water Pump to Thermostat</i>	CH1878	11531266459

**7 Series****735csi**

1978-81

Bottom Hose	CH2333	11531265946
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**E21****3 Series****316i 1.8 Litre MB10 Engine 1976-1983**

ByPass Hose <i>Temp Switch Housing inlet manifold to 9/80</i>	CH4888	11531266458
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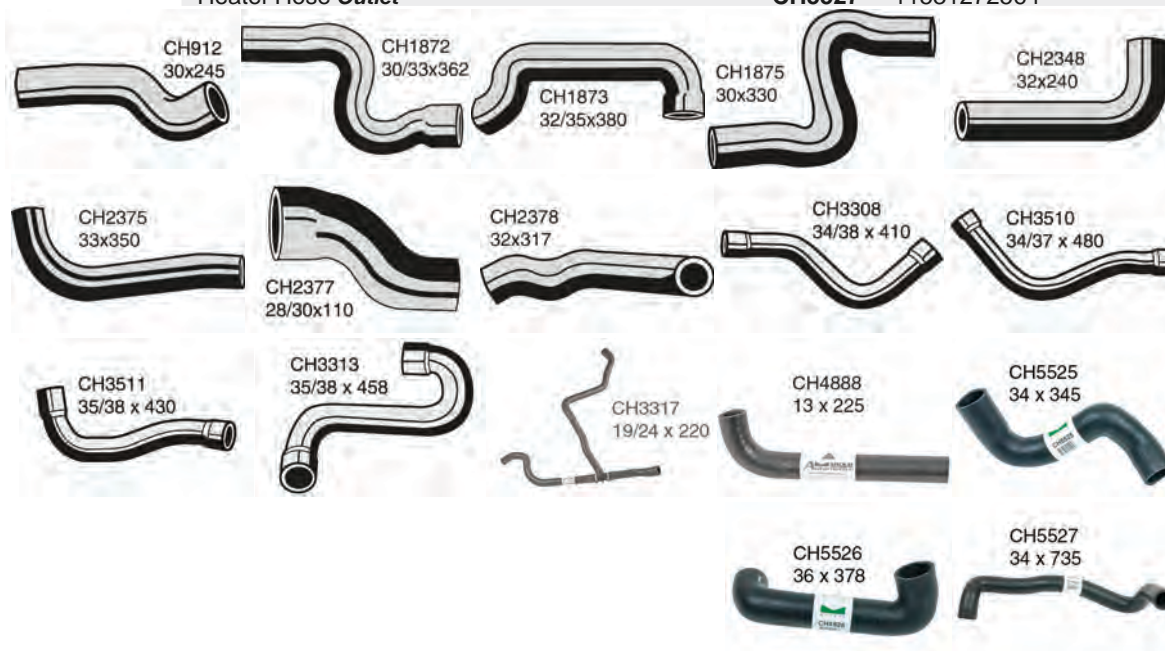
**318i 1.8 litre 1977-99**

Top Hose 1980-87	CH1872	11531278909
Top Hose 1988-91	CH3313	11531708826
Top Hose	CH3308	11531709050
Top Hose 1990-99	CH3510	11531727448
Bottom Hose 1980-87	CH2378	11531278908
Bottom Hose less a/con 1980-87	CH1873	11531266956
Bottom Hose 1980-87	CH2375	11531276541
Bottom Hose 1980-82	CH912	11531266741
Bottom Hose 1990-99	CH3511	11531277203
Hose - Thermostat to Water Pump 1980-82	CH2377	11531276542

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Make Model	Description	Mackay #	O.E.M #
<b>E21</b>			
<b>320i 2.0 litre 1977-83</b>	Overflow Hose (E30 Series)	CH3317	11531722743
	Top Hose	CH1875	11531266464
	Bottom Hose less a/con	CH1873	11531266956
	Hose Thermostat to Temp Switch	CH2348	11531266453
<b>323i 2.3 Litre M20B3 06/79-10/83</b>	Top Hose	CH5525	11531276385
	ByPass Hose <i>Water pump to Thermostat</i>	CH5526	11531265448
	Heater Hose <i>Outlet</i>	CH5527	11531272564



## E24

### 6 Series

#### 630csi 3.0 litre 1977-81

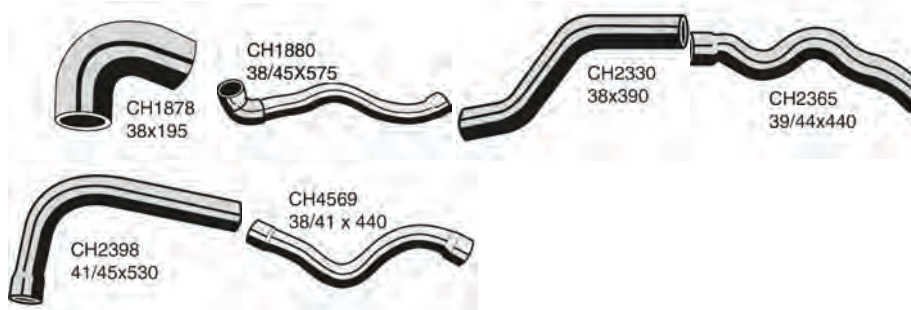
Bottom Hose	CH2330	11531266461
Hose - Thermostat to Water Pump	CH1878	11531266459

#### 633csi 3.3 Litre

1972-82 Top Hose	CH2365	11531268749
1978-90 Bottom Hose	CH4569	11531268750

#### 635i 3.5 litre

1982-88 Top Hose	CH2398	11531276647
Bottom Hose	CH1880	11531289859



## E28

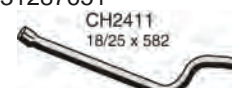
### 5 Series

#### 520i 2.0 Litre M20B20K Engine 03/83-12/85

Bottom Hose	CH2366	11531278045
ByPass Hose <i>water pump to t/stat housing base</i>	CH5252	11531287651

#### 525E 2.7 Litre M20B27ME 1981-88

Bottom Hose	CH2366	11531278045
Heater Hose <i>return</i>	CH2411	11531277887
ByPass Hose <i>water pump to t/stat housing base</i>	CH5252	11531287651



#### 528e 2.8 litre 1982-88

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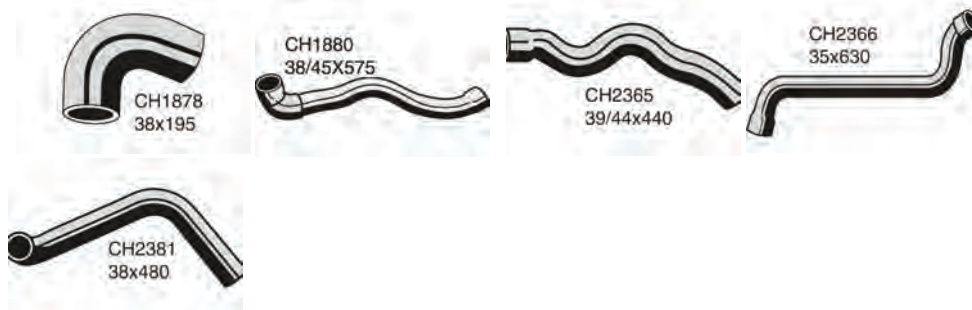
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BMW

Make Model	Description	Mackay #	O.E.M #
<b>E28</b>			
	Top Hose	CH2381	11531272853
	Bottom Hose	CH2366	11531278045
	Hose - Thermostat to Water Pump	CH1878	11531266459
<b>533i 3.3 litre 1983-84</b>			
	Top Hose	CH2365	11531268749
	Bottom Hose	CH1880	11531289859
<b>535i 3.5 litre 1985-88</b>			
	Top Hose	CH2365	11531268749
	Bottom Hose	CH1880	11531289859

**E30****3 Series**

<b>320i 2.0 Litre M20B20K engine</b>			
	ByPass Hose water pump to t/stat housing base	CH5252	11531287651
<b>325i 2.5 litre 1984-90</b>			
	Top Hose	CH1876	11531286914
	Bottom Hose	CH2370	11531279895
<b>325i 1/85-8/87</b>			
	ByPass Hose water pump to t/stat housing base	CH5252	11531287651
<b>325e 2.7 Litre M20B27 1/85-8/87</b>			
	ByPass Hose water pump to t/stat housing base	CH5252	11531287651

**E32****7 Series**

<b>730i E32 1985-96</b>			
	Top Hose manual trans	CH4447	11531714391
	Top Hose Auto Trans	CH4448	11531722682
<b>730i, 735i, 740i, 518i, 520i 530i M30,60,70,40 Engines 1986-ON</b>			
	Expansion Tank Branch Hose	CH4197	11531711002
	ByPass Hose water pump to water valve	CH3798	64211384763

**E34****5 Series**

<b>518i M43B18 Engine 1988-ON</b>			
	ByPass Upper Hose	CH3796	11531739558
	Bypass Hose	CH3799	11531727638
	Heater Hose Outlet	CH3971	64218391293
	Heater Hose Inlet	CH3970	64211389652
<b>520i 2.0 Litre M20B20</b>			
	ByPass Hose water pump to t/stat housing base	CH5252	11531287651
<b>525i 2.0 Litre M50B20 Engine 1989-9/90</b>			
	Top Hose	CH4921	11531720678
<b>525i 2.5 Litre M20 Engine</b>			
	Top Hose	CH5213	11531722215
	Bottom Hose radiator to pipe	CH5250	11531722486
	Heater Hose water valve to right radiator	CH5262	64211384712
	ByPass Hose engine & additional w/pump	CH5251	64211384746
	ByPass Hose radiator to Heater to thermostat	CH5261	11531720524
	ByPass Hose water pump to t/stat housing base	CH5252	11531287651

**6 Series****635csi**

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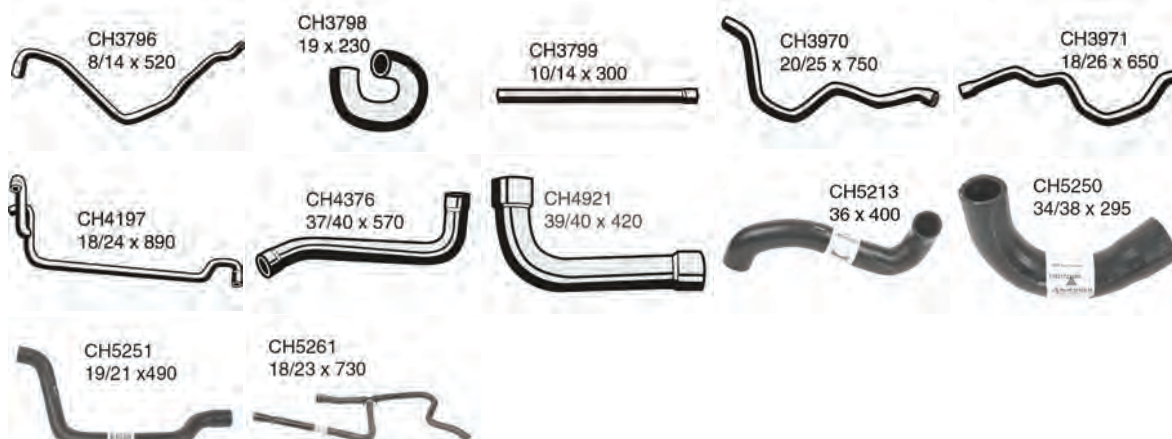
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Make Model	Description	Mackay #	O.E.M #
<b>E34</b>			
	Bottom Hose	CH4376	11531713221
<b>7 Series</b>			
<b>730i, 735i, 740i, 518i, 520i 530i M30,60,70,40 Engines 1986-ON</b>			
	Expansion Tank Branch Hose	CH4197	11531711002
	ByPass Hose <i>water pump to water valve</i>	CH3798	64211384763



## E36

### 3 Series

#### 316i M43B16 Engine 1989-ON

ByPass Upper Hose CH3796 11531739558

#### 316i M43B16 Engine 1991-ON

ByPass Hose CH3793 11531743295

ByPass Hose *Heater Element to Pipe 7/94-9/95* CH3816 11531247915

ByPass Hose *96-2002* CH3810 11531247486

#### 316i M40B16 Engine 1996-2002

Bottom Hose CH3808 11531734455

ByPass Hose CH3815 11531721711

Heater Hose *return* CH3814 64211387010

Heater Hose *Inlet* CH3813 64211394295

ByPass Hose CH3812 11531717590

#### 316i M43 Engine 1993-On

Top Hose CH3795 11531743192

ByPass Hose *pipe to heater element* CH3817 11531247398

#### 318i M40 Engine 1989-ON

Bypass Hose CH3799 11531727638

#### 318i M43B18 Engine 1989-ON

ByPass Upper Hose CH3796 11531739558

#### 318i M43B18 Engine 1991-ON

ByPass Hose CH3793 11531743295

#### 318i, M43 Engine

Top Hose *W/AC from 9/95* CH3795 11531743192

#### 318IS / 318TI E36 Series M42 & M44 Engines

Top Hose *1995-99* CH3822 11531247261

Bottom Hose *1994-ON* CH3802 11531721709

Bottom Hose *1995-99* CH3794 11531743535

Heater Hose *Inlet 1994-ON* CH3800 64218391252

ByPass Hose *1991-ON* CH3793 11531743295

#### 320i, 323i, 328i M50, M52 Engines 1990-ON

Top Hose CH3801 11531720720

Bottom Hose CH3807 11531730928

Heater Hose *return* CH3809 11531703844

Heater Hose *valve to heater core* CH4526 64218363198

Heater Hose *Inlet* CH3797 64211394293

Heater Hose *Outlet* CH3909 11531703845

#### 325i 2.0 Litre (M50B20 Engine) 1991-93

Top Hose CH3487 11531722218

Bottom Hose CH3488 11531718980

#### 325i M50 Engine 1991-99

Top Hose CH3489 11531708499

Bottom Hose CH3486 11531726344

#### M3 3.0 & 3.2 Litre 1992-99

Top Hose CH4587 11531317394

Bottom Hose CH4588 11531401726

#### Z3 1.8 Litre M43 Engine

Top Hose *1993-On* CH3795 11531743192

ByPass Hose *1991-ON* CH3793 11531743295

#### Z3 1.9 Litre M44 Engine

Top Hose *1995-99* CH3822 11531247261

Bottom Hose *1995-99* CH3794 11531743535








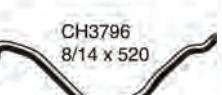
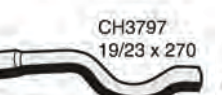
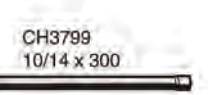


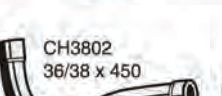

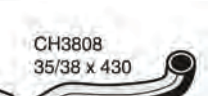

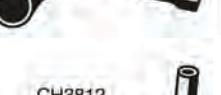


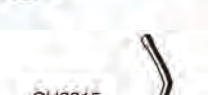









ByPass Hose *1991-ON* CH3793 11531743295

#### Z3 2.8 Litre M52 Engine 1998-2002

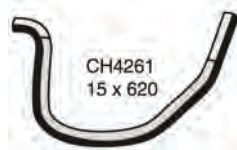
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BMW

Make Model	Description	Mackay #	O.E.M #
<b>E36</b>	Top Hose	<b>CH5206</b>	11531716641
	Bottom Hose <i>to Thermostat Housing</i>	<b>CH5205</b>	11531716642
	    		
	    		
	    		
	    		
	    		
	   		

**E38**
**7 Series**
**728i M52, M54 Engines 1995-2005**

Power Steering Hose *pump to tank*
**CH4261** 32411095526

**E39**
**5 Series**
**520i M52, B25, B28, M51D25 engines 1995-03**

Bottom Hose *Radiator to return pipe*
**CH4234** 11531744053

Heater Hose *Engine to heater valve*
**CH3968** 64218367930

Heater Hose *engine to heater inlet*
**CH3969** 64218391003

ByPass Hose *Water valve to right Rad 99/98-ON*
**CH4232** 64218391017

ByPass Hose *Water valve to left Rad 9/98-ON*
**CH4233** 64218367929

ByPass Hose *additional water pump front to engine*
**CH4517** 11531438633

(9/98-01)

ByPass Hose *additional water pump side to engine*
**CH4518** 11531438634

(9/98-01)

**528i 2.8 Litre M52 Engine 1996-1998**

Top Hose *Tropical Countries*
**CH4065** 11531740832

Top Hose *to 1998*
**CH4069** 11531740474

Bottom Hose

**CH4066** 11531740481

**530i 3.0 litre 1975-81**

Top Hose

**CH2331** 11531266467

Bottom Hose

**CH1877** 11531266462,

11531251520

By Pass Hose

**CH1878** 11531266459

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Make Model	Description	Mackay #	O.E.M #
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## E39

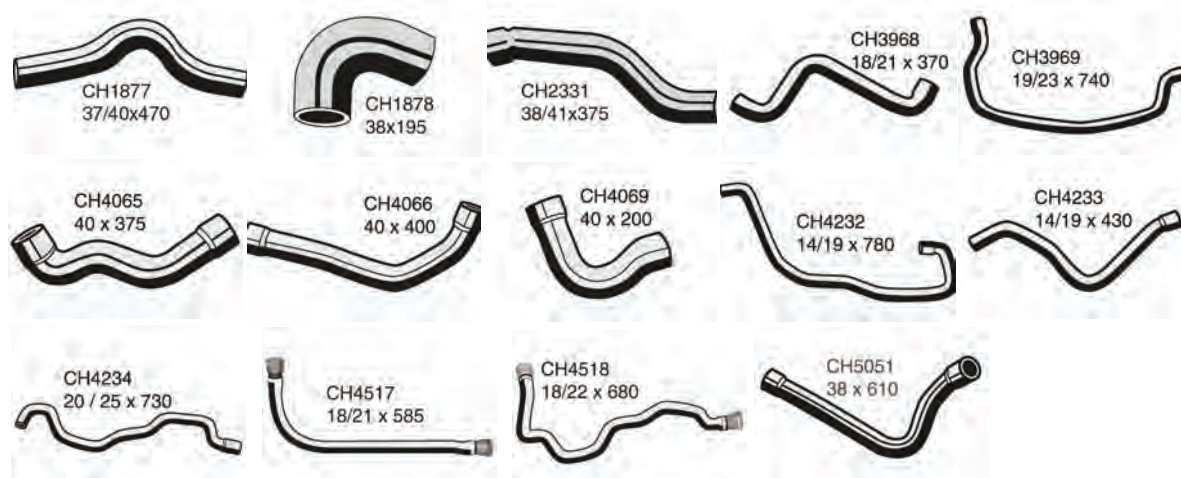
### 5 Series

### 7 Series

### 740i

#### Bottom Hose

CH5051 11531741409



## E46

### 3 Series

#### 316i M43B16, M47 Engine 1998-2004

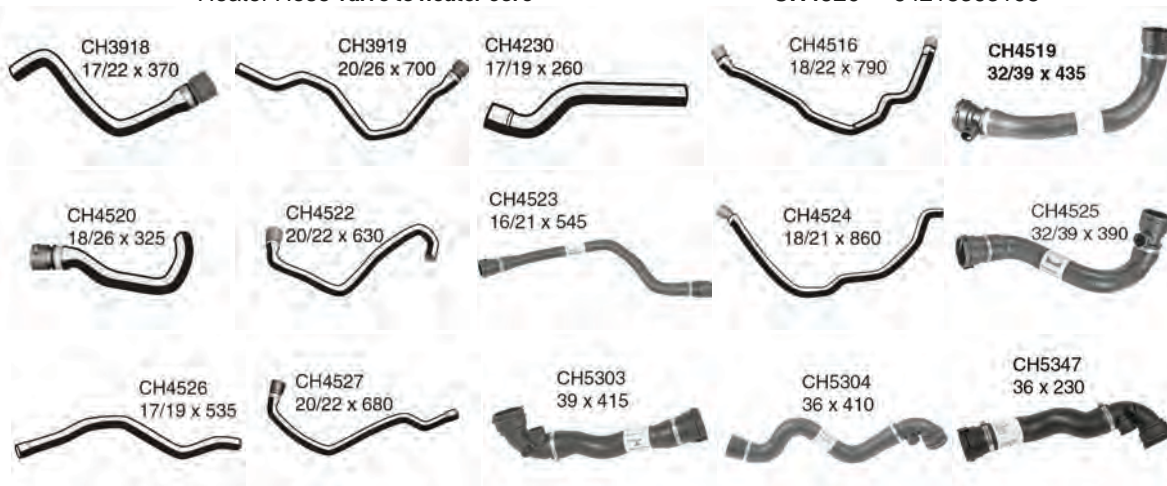
Top Hose  
Bottom Hose  
Heater Hose Inlet  
Heater Hose  
ByPass Hose valve to double pipe  
ByPass Hose *Radiator to connector*  
Heater Hose *engine inlet to heater core*  
Heater Hose *valve to pipe*  
ByPass Hose *engine inlet to additional water pump*

CH5304 11531436407  
CH4519 11531436409  
CH3919 64218377783  
CH3918 64218377782  
CH4230 64216902686  
CH4516 11531436411  
CH4520 64218377781  
CH4521 64216903319  
CH4522 64216902685

#### 320i E46 Series 1998-2005

Top Hose  
Top Hose  
Bottom Hose  
ByPass Hose *Radiator to water pump*  
Heater Hose *heater core to expansion tank*  
Heater Hose *engine inlet to water valve*  
Heater Hose *valve to heater core*

CH5303 11531436406  
CH5347 17127510952  
CH4525 11531436408  
CH4523 11531436410  
CH4524 64218376153  
CH4527 64218376999  
CH4526 64218363198



## E53

### X5 Series

#### 3.0 Litre M54B30 Engine 03/01-12/03

Bottom Hose  
Heater Hose *water pump to radiator*  
Heater Hose *water pump to pipe*

CH5521 11537508688  
CH5470 11537500735  
CH5471 11537510120

#### 4.4 Litre N62B44 Engine 01/04-02/07

Bottom Hose

CH5468 17127509963

#### 4.8 Litre N62B48 Engine 08/04-02/07

Bottom Hose

CH5468 17127509963

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BMW

Make Model	Description	Mackay #	O.E.M #
<b>E53</b>			



## E83

### X3 Series

3.0 Litre M54B30 Engine 2004-11/06

Bottom Hose  
Heater Hose

CH5520 17123413819  
CH5469 11533400205



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Make Model	Description	Mackay #	O.E.M #
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## 235 6Cyl 1957-

Top Hose	CH2439
Bottom Hose	CH2440



## 283 V8

Bottom Hose	CH722
-------------	-------



## 350

Top Hose 1992-95	CH3174	15659490
Bottom Hose 1984-91	CH3442	14054260



## 454 1995-95

Top Hose	CH3315	15696587
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## 454SS 7.4 LITRE

Top Hose 1996-99	CH3177	15718013
Bottom Hose 1988-97	CH3180	15659615



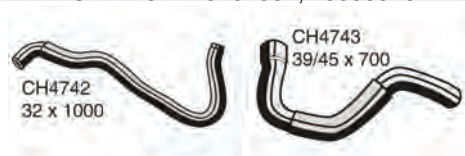
## ACADIA AWD 3.6 LITRE V6 2007-2008

Top Hose	CH5049	15294028
Bottom Hose	CH5050	15294029



## ASTRO / SAFARI 4.3 LITRE 1995-2005

Top Hose	CH4742	15732548
Bottom Hose	CH4743	15732557, 15090540



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Make Model	Description	Mackay #	O.E.M #
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## **BELAIR, IMPALA, BISCAYNE V8 348 1959-63**

Top Hose

**CH451**

3754915



## **BUICK 5.7 LITRE 1994-96**

Bottom Hose (W/O H.D. Cooling) Gates 20893 shape

**CH3289**

1023735



## **C & K SERIES PICK-UP 5.0, 5.7 LITRE 1988-97**

### **5.0, 5.7 Litre 1988-97**

Top Hose with 26" radiator

**CH3276**

15659482

Top Hose with 34" radiator

**CH3277**

15659484

Bottom Hose

**CH3178**

15659618

Bottom Hose 4WD 1988-91

**CH3275**

15659613

### **7.4 Litre**

Top Hose 1981-86

**CH3290**

14029236

Top Hose 1988-95

**CH3175**

15659486

Top Hose 1988-95

**CH3177**

15718013

Bottom Hose 1988-97

**CH3180**

15659615

By Pass

**CH3316**

12550548



## **CABALLERO**

Bottom Hose 1982-90 (3.8, 4.3, 4.4, 5.0, 5.7 Litre)

**CH3176**

10120060

Top Hose 1982-90 (5.0, 5.7 Litre)

**CH3182**

14010577



## **CADILLAC**

Top Hose 4.8, 5.3, 6.0 Litre 1999-02

**CH3281**

15045504, 15076028, 26390X

Bottom Hose "K" Concours 1996-2001

**CH3288**

25640429



## **CAMARO Z28 1982-87**

Top Hose (5.0, 5.7 Litre)

**CH3182**

14010577



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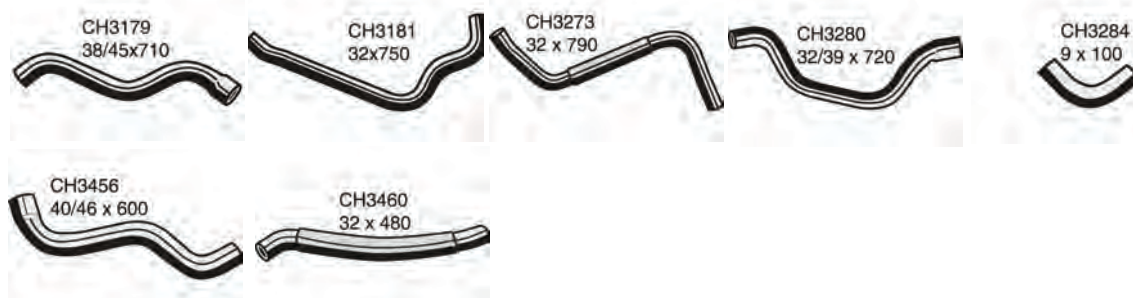
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Make Model	Description	Mackay #	O.E.M #
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## CAPRICE USA MANUFACTURE

Top Hose 5-5.7 Litre 1989-90	CH3280	10120059
Top Hose 5-5.7 Litre 1991-93	CH3181	10108238
Top Hose 3.4, 4.3 5.7 Litre 1994-96	CH3460	10260864
Bottom Hose 5-5.7 Litre 1990-93	CH3456	10108239
Bottom Hose 5-5.7 Litre 1991-93	CH3179	10230747
Bottom Hose 3.4,4.3,5.7 Litre (W/O HD Cooler)	CH3273	10237350
By Pass Hose Pipe to Throttle Body 4.3, 5.7 Litre 1994-96	CH3284	12553625



## CARAVAN 3.0LITRE 1993-95

Bottom Hose	CH4741	4682041
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## CARAVAN 3.3 & 3.8 LITRE 1996

Top Hose	CH3452	04682394L
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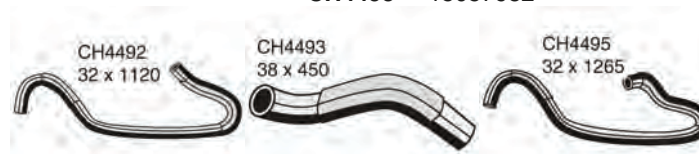
## EL CAMINO 1982-90

Bottom Hose 1982-90 (3.8, 4.3, 4.4, 5.0, 5.7 Litre)	CH3176	10120060
Top Hose 1982-90 (5.0, 5.7 Litre)	CH3182	14010577



## HUMMER H2 6.0 LITRE LQ4 2003-2007

Top Hose 2003-2005	CH4492	10379176
Top Hose 2006-2007	CH4495	19130003
Bottom Hose	CH4493	15057982



## HUMMER H3 3.7 LITRE LLR15 2006-2008

Top Hose	CH4494	15263235
Bottom Hose	CH5081	15263236



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Make Model	Description	Mackay #	O.E.M #
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## IMPALA 1982-90

Bottom Hose 1982-90 (3.8, 4.3, 4.4, 5.0, 5.7 Litre)	CH3176	10120060
Top Hose 1982-90 (5.0, 5.7 Litre)	CH3182	14010577



## LUMINA "W" 3.1M ENGINE (USA MADE) 1995

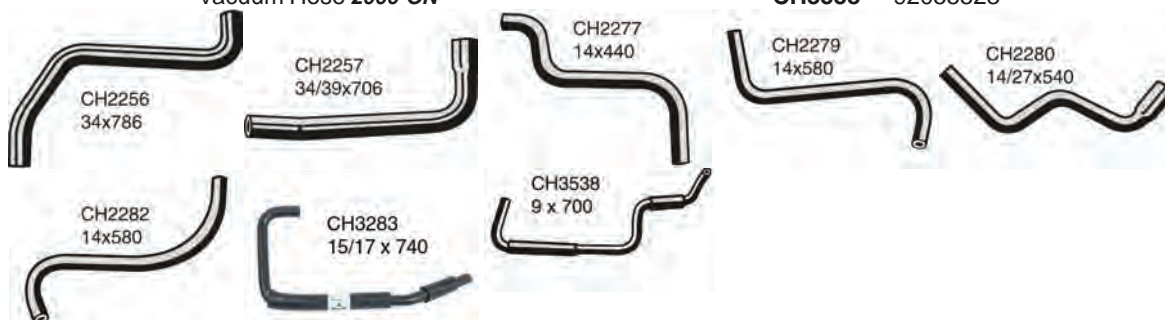
Top Hose 1995-98	CH3672	88908586
By Pass Hose	CH3453	10182356



## LUMINA, CAPRICE (AUSTRALIAN MADE)

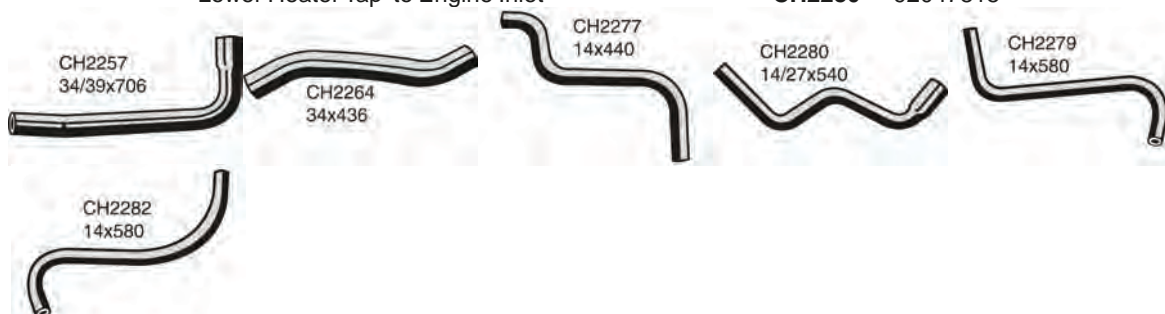
### 3.8 Litre V6 ECOTEC 1997-02

Top Hose	CH2256	92048362
Bottom Hose	CH2257	92048363
Heater Tap to Heater Core Lower	CH2279	92055987
Heater Tap to Heater Core Upper	CH2282	92047817
Engine Outlet to Upper Heater Tap	CH2277	92047816
Lower Heater Tap to Engine Inlet	CH2280	92047815
By Pass Hose (Exported models only)	CH3283	92057264
Vacuum Hose 2000-ON	CH3538	92055523



### 3.8 Litre V6 Supercharged 1997-02

Top Hose	CH2264	92056388
Bottom Hose	CH2257	92048363
Heater Tap to Heater Core Lower	CH2279	92055987
Heater Tap to Heater Core Upper	CH2282	92047817
Engine Outlet to Upper Heater Tap	CH2277	92047816
Lower Heater Tap to Engine Inlet	CH2280	92047815



### 5.7 Litre V8 1997-02

Top Hose	CH2808	92055623
Bottom Hose Pipe to Engine	CH2956	92055621, 92089711
Bottom Hose Radiator to Pipe	CH3028	92057860, 92104640
Heater Hose A Tap to Heater	CH2811	92075151A
Heater Hose B Heater to Tap	CH2813	92075151B
Heater Hose Tap To Engine Lower	CH2812	92055416
Heater Hose Tap To Engine Upper	CH2814	92055415
By Pass Hose Exported models only)	CH3283	92057264

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Make Model	Description	Mackay #	O.E.M #
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## LUMINA, CAPRICE (AUSTRALIAN MADE)



### 3.6 Litre V6 Alloytec 2004-On

Top Hose	CH3722	92157577, 92191370
Bottom Hose	CH3723	92157578, 92191411
Heater Hose <i>inlet (bypass Valve outlet)</i>	CH3726	92157581
Heater Hose <i>water shut off valve inlet</i>	CH3724	92157583
Heater Hose <i>outlet</i>	CH3725	92155841, 92191358
Expansion Tank Hose <i>coolant bleederhose</i>	CH4996	92191372
ByPass Hose <i>radiator outlet hose</i>	CH4994	92191412
Expansion Tank Hose <i>Radiator Overflow</i>	CH5042	92191353

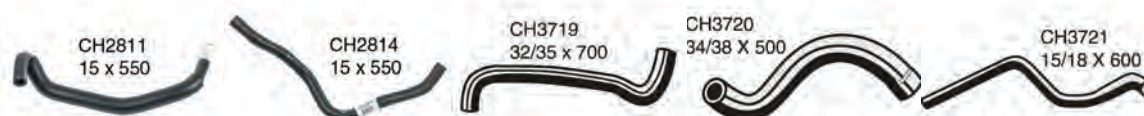


### 5.7 Litre V8 2004 -ON

Top Hose	CH3719	92157579, 92191371
Bottom Hose	CH3720	92157580, 92191410
Heater Hose <i>Heater Bypass water valve outlet</i>	CH3721	92158044
Heater Hose <i>A Tap to Heater</i>	CH2811	92075151A
Heater Hose <i>Tap To Engine Upper</i>	CH2814	92055415

### 6.0 Litre L7 V8 1/2006-ON

Top Hose	CH3719	92157579, 92191371
Bottom Hose	CH3720	92157580, 92191410
Heater Hose <i>Heater Bypass water valve outlet</i>	CH3721	92158044
Heater Hose <i>A Tap to Heater</i>	CH2811	92075151A
Heater Hose <i>Tap To Engine Upper</i>	CH2814	92055415



## LUMINA, CAPRICE (AUSTRALIAN MADE)

### 3.6 Litre V6 LEO,LW2,LY7 Engine

Top Hose <i>to 6/2009</i>	CH4130	92157812
Top Hose <i>from 7/2009</i>	CH5225	92204205
Bottom Hose	CH4131	92157814
Power Steering <i>Res to Pump</i>	CH4126	92183963
Heater Hose <i>inlet</i>	CH4141	92171157

### 6.0 Litre V8 L98, LS2 Engine

Top Hose	CH4127	92157816
Bottom Hose	CH4128	92157818
Power Steering Hose <i>pump to reservoir</i>	CH4129	92174420



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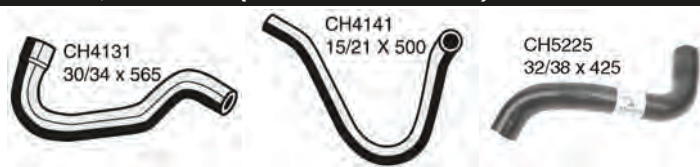
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Make Model	Description	Mackay #	O.E.M #
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## LUMINA, CAPRICE (AUSTRALIAN MADE)



## MALIBU 1982-90

Bottom Hose 1982-90 (3.8, 4.3, 4.4, 5.0, 5.7 Litre)	CH3176	10120060
Top Hose 1982-90 (5.0, 5.7 Litre )	CH3182	14010577

## MONTE CARLO 1982-90

Bottom Hose 1982-90 (3.8, 4.3, 4.4, 5.0, 5.7 Litre)	CH3176	10120060
Top Hose 1982-90 (5.0, 5.7 Litre )	CH3182	14010577



## MONTE CARLO 1998-03

Top Hose	CH3672	88908586
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## OPTRA 1.8 LITRE X18E & Z18XE ENGINES

Top Hose	CH2880	90531665
Bottom Hose	CH2881	90531666
ByPass Hose Thermostat to Surge tank (Z18XE Engine)	CH4121	90158676
Top Hose From VIN Y5138251	CH4115	24413977, 1337563
Top Hose From VIN Y5200374	CH4114	13119306, 1337665



## R & V SERIES 7.4 LITRE

Top Hose 1989-91	CH3177	15718013
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## S10 PICKUP / BLAZER 1994-95

Top Hose	CH3673	15661068
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## SUBURBAN

### 5.0 & 5.7 Litre 1988-97

Top Hose 1989-91	CH3272	15565359
Bottom Hose 1984-91	CH3442	14054260
Bottom Hose	CH3178	15659618
Bottom Hose 5.7 Litre 1997-ON	CH3285	15671937, 88908508
Bottom Hose 5.7 Litre 1991-2000	CH3287	15671907, 15977371, 15977371

### 5.3 Litre LM7 6.0 Litre LQ4

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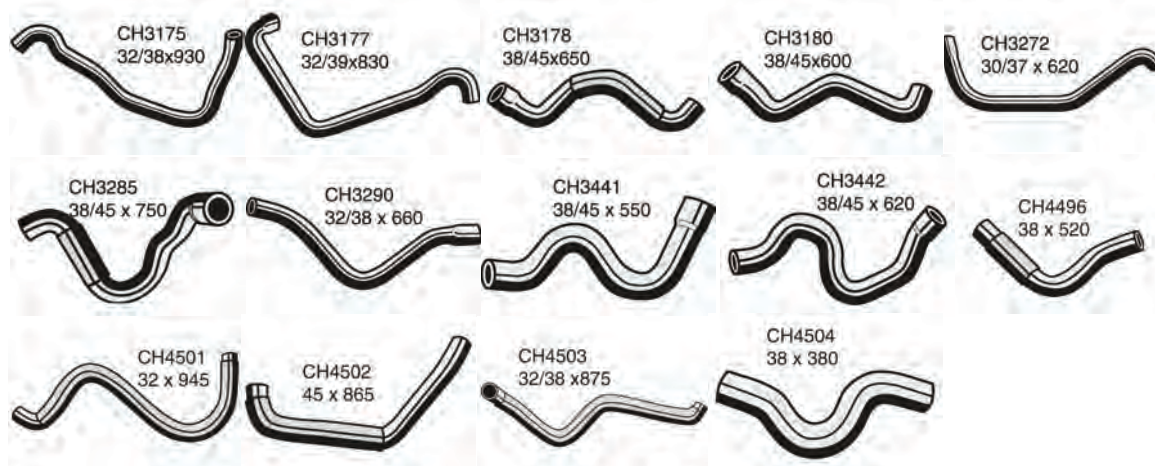
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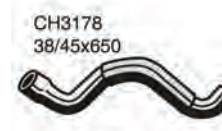


Make Model	Description	Mackay #	O.E.M #
<b>SUBURBAN</b>			
	Bottom Hose (2007-On)	CH4496	19130015, 15792826, 15769077
<b>5.7 Litre L31 V6 Engine 1996-99</b>	Top Hose	CH4501	15977347, 15007573
<b>6.5 Litre Turbo Diesel 1996-1999</b>	Top Hose	CH4502	15977350
<b>7.4 Litre</b>	Top Hose 1981-86	CH3290	14029236
	Top Hose 1988-95	CH3175	15659486
	Top Hose 1989-95	CH3177	15718013
	Top Hose 1996-99	CH4503	15007574
	Bottom Hose 1988-97	CH3180	15659615
	Bottom Hose 1978-91	CH3441	362300
<b>8.1 Litre L18 Engine 2001-2006</b>	Top Hose	CH4504	15792833



## TAHOE 5.0, 5.7 LITRE 1988-97

Bottom Hose	CH3178	15659618
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## TRAILBLAZER 4.2 LITRE 6CYL 2002-2007

Top Hose	CH4605	15160996
Bottom Hose	CH4606	15160997, 88920369



## TRAILBLAZER 5.3 LITRE V8 2003-2007

Top Hose	CH4603	15763316
Bottom Hose	CH4604	15205921



## TRAILBLAZER 6.0 LITRE V8 2006-2009

Top Hose	CH5048	89024942
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CHEVROLET / GMC

Make Model	Description	Mackay #	O.E.M #
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## VENTURE 3.4 LITRE V6 LA1 ENGINE 1996-2005

Top Hose	CH4511	89023429
Bottom Hose	CH4510	89023430



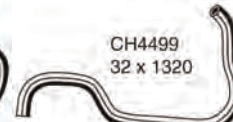
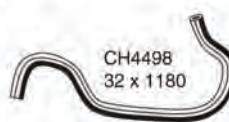
## YUKON, TAHOE, SUBURBAN, PICKUP, DENALI, ESCALADE, AVALANCHE

### 5.0 & 5.7 Litre 1988-97

Bottom Hose (With 34 inch wide rad up to 1995)	CH3178	15659618
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### 5.3 Litre LM7 & 6.0 Litre LQ4 2000-07

Bottom Hose	CH4496	19130015, 15792829, 15769077
Top Hose 2000-2006	CH4498	15179498, 88920361
Top Hose	CH4499	19130027, 15824540



## CHRYSLER

CHRYSLER

## CENTURA KB, KC 1975-78

Top Hose	CH1056	3808719
Bottom Hose	CH1057	3883661
ByPass Hose	CH901	4151517



## CONCORDE 3.3 LITRE V6 1993-95

Bottom Hose	CH3459	4592060
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## GALANT

### GA, GB, A51, 1.3, 1.4, 1.5, 1.6 Litre 1970-74

Top Hose	CH893	MA152520
Bottom Hose	CH894	MA152521
ByPass Hose	CH1178	4063982

### GC 1.4, 1.6 Litre 1974-76

Top Hose	CH893	MA152520
Bottom Hose	CH1055	3807129
ByPass Hose	CH1178	4063982 4063982

### GD 1.6 Litre 1976-78

Top Hose	CH1180	4063448
Bottom Hose	CH1055	3807129
ByPass Hose	CH1178	4063982



## JEEP CHEROKEE 4.0 LITRE 1987-2001 NZ & EXPORT

Bottom Hose Grand Cherokee	CH3463	52028262AB
Bottom Hose (US application) 1997-2001	CH3675	52028265, 52028265AB, 52028265AD

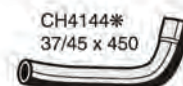
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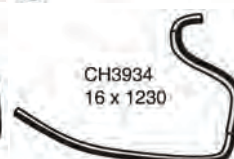
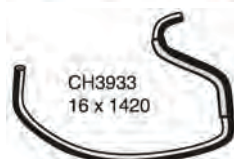
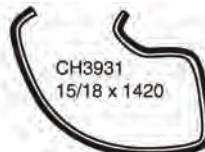
Make Model	Description	Mackay #	O.E.M #
<b>JEEP CHEROKEE 4.0 LITRE 1987-2001 NZ &amp; EXPORT</b>			
	Bottom Hose	CH3447	52006301



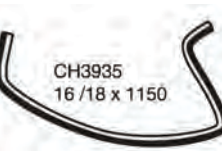
<b>JEEP CHEROKEE XJ 2.5 LITRE 4CYL EXPORT ONLY 1987-97</b>			
	Top Hose 1991-97	CH4143	52028024
	Bottom Hose Radiator to w/pump	CH4144	52003790AU



<b>JEEP CHEROKEE XJ 4.0 LITRE</b>			
1994-99	Top Hose	CH2311	52028286
	Bottom Hose	CH2310	52028635, 52029635
	Heater Hose Inlet	CH3931	55035910
	Heater Hose Outlet	CH3932	55036952
2000-01	Top Hose	CH3041	52028286AD
	Bottom Hose	CH2310	52028635, 52029635
	Heater Hose Inlet	CH3933	55037269AC
	Heater Hose Outlet	CH3934	55037333AC



<b>JEEP GRAND CHEROKEE ZG 4.0 LITRE 1996-1999</b>			
	Top Hose	CH3077	52028263
	Bottom Hose	CH3078	53054354
	Heater Hose Inlet	CH3935	53054204
	Heater Hose Outlet	CH3936	53054208



<b>CHEROKEE KJ 2.5 LITRE TURBO 2W DIESEL 2001-2003</b>			
	Top Hose	CH5397	52079708AB
	Top Hose <i>May suit some applications Check Photo</i>	CH3535	52079690
	Bottom Hose	CH3534	52028407
	Turbo Hose (top outlet to intercooler(hot side))	CH5079	05183846AA
	Turbo Hose (bottom inlet from intercooler (cold side))	CH5080	52079800AD



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Make Model	Description	Mackay #	O.E.M #
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## JEEP CHEROKEE KJ 3.7 LITRE V6 SOHC 12V 2001-2002

Top Hose	CH3137	52079703AA
Bottom Hose	CH3131	52079712AB



## JEEP GRAND CHEROKEE 5.2 LITRE V8 EXPORT ONLY 1993-98

Top Hose 1997-98	CH3614	52079559
Bottom Hose	CH3450	52028226
ByPass Hose Water pump	CH3937	53008654



## JEEP GRAND CHEROKEE WJ-WG 4.0 LITRE 1999-2004

Top Hose	CH3039	52079406AC
Bottom Hose	CH3040	52079401



## JEEP GRAND CHEROKEE WJ , WG 4.7 LITRE V8 1999-00

Top Hose Electric Fan	CH3135	52079407
Bottom Hose Electric Fan	CH3129	52079403



## JEEP CHEROKEE WJ , WG 4.7 LITRE V8 2001-2002

Top Hose Hydraulic Fan	CH3136	52079872AA
Bottom Hose Hydraulic Fan	CH3134	52079873AA



## JEEP GRAND CHEROKEE WJ, WG 4.7 LITRE V8 2002-2005

Top Hose Hydraulic Fan	CH5439	55116792AA
Bottom Hose Hydraulic Fan	CH3134	52079873AA



## LIBERTY KJ 2.5 LITRE TURBO 2W DIESEL 2001-2003

Top Hose	CH3535	52079690
Bottom Hose	CH3534	52028407
Turbo Hose (top outlet to intercooler(hot side))	CH5079	05183846AA

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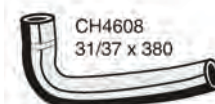
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Make Model	Description	Mackay #	O.E.M #
<b>LIBERTY KJ 2.5 LITRE TURBO 2W DIESEL 2001-2003</b>			
	Turbo Hose (bottom inlet from intercooler (cold side)	CH5080	52079800AD



<b>JEEP WRANGLER 4.0 LITRE (USA APPLICATION) 1997-2006</b>			
	Top Hose	CH4608	52028264



<b>JEEP WRANGLER TJ 2.5 LITRE 6CYL 2000-02</b>			
	Bottom Hose	CH4607	52028141



<b>JEEP WRANGLER TJ 4.0 LITRE 1996-2006</b>			
	Top Hose up to 2000	CH4021	52028144
	Top Hose from 2000	CH4023	82028144AC
	Bottom Hose up to 2000	CH4022	52028143
	Bottom Hose from 2000	CH4024	52028143AB



<b>NEON 2.0 LITRE</b>			
1996-ON	Top Hose	CH2149	4546723
	Bottom Hose	CH2150	4546696



<b>SCORPION</b>			
<b>GE 2.0 Litre 1978-79</b>			
	Top Hose	CH1145	4066433
	Bottom Hose for original Radiator	CH1260	MB007478
	Bottom Hose for replacement Radiator	CH1146	4066432
<b>GH,GJ,GK,GL 2.6 Litre 1979-85</b>			
	Top Hose	CH1145	4066433
	Bottom Hose	CH1261	MB007582



<b>SIGMA</b>			
<b>GE 1.8 Litre (GE5), 2.0 Litre (GE7, GE8) 1977-80</b>			
	Top Hose	CH1145	4066433
	Bottom Hose	CH1146	4066432
	ByPass Hose	CH1178	4063982
<b>GH 1.6 Litre (GH3) 1980-82</b>			
	Top Hose	CH1132	4068066
	Bottom Hose	CH1055	3807129
	ByPass Hose	CH1178	4063982

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CHRYSLER

Make Model	Description	Mackay #	O.E.M #
<b>SIGMA</b>			
<b>GH 2.0 L (GH7,GH8), 2.6 L (GH1, GH2) 1980-82</b>			
	Top Hose	CH1145	4066433
	Bottom Hose	CH1146	4066432
	ByPass Hose	CH1178	4063982
	Heater hose Outlet 2.6 Litre	CH2145	4157887
	Heater Hose Inlet 2.6 Litre	CH2144	4157886

**VOYAGER & GRAND VOYAGER GS 3.3 LITRE V6**

1997-2000	Top Hose	CH2226	4809417
	Bottom Hose	CH2309	4682398
	ByPass Hose	CH4738	MD125267

**VALIANT****AP5, AP6, VC 6 cyl. 1963-67**

	Top Hose	CH780	2794564
	Bottom Hose	CH781	2285517 / 2794563
	ByPass Hose	CH585	2277632

**AP6, VC 8 cyl. 1965-67**

	Top Hose	CH668	2465801
	Bottom Hose	CH669	2465803
	ByPass Hose	CH784	2465085

**VE, VF, VG****6 cyl. 225 c.i.d. 1967-71**

	Top Hose	CH780	2794564
	Bottom Hose	CH781	2794563
	ByPass Hose	CH585	2277632

**VE 8 cyl. 1967-69**

	Top Hose	CH782	2794562
	Bottom Hose	CH783	2794561
	ByPass Hose	CH784	2465085

**VF Valiant 8 cyl. -1969-70**

	Top Hose <i>without A/ Con</i>	CH885	2627229
	Bottom Hose <i>without A/ Con</i>	CH783	2794561

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Make Model	Description	Mackay #	O.E.M #
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## VALIANT

ByPass Hose *without A/Con*

CH784

2465085



## VG, VH, VJ CH, CJ 8 Cyl 1970-75

Top Hose *with 19" Radiator*

CH851 3423359

Top Hose *with 22" Radiator*

CH1122 3545252

Bottom Hose

CH852 3423360

ByPass Hose

CH901 3809775



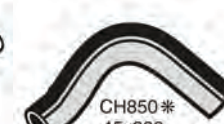
## VG, VH, VJ, VK, CH, CJ, CK 6 cyl. to GF3 1970-76

Top Hose *22" Radiator*

CH849 3423357

Bottom Hose *22" Radiator*

CH850 3423356



## VH, CH 6 cyl. 1971-73

Top Hose *19" Rad without A/C*

CH925 3540020

Top Hose *without A/C (Export Only)*

CH780 2794564

Bottom Hose *19" Rad without A/C*

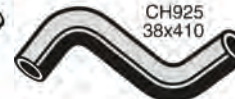
CH926 3545234

Bottom Hose *without A/C (Export Only)*

CH781 2794563

ByPass Hose *without A/Con*

CH585 2277632



## VK, CK 8 cyl. to GF23 - 1975-76

Top Hose *22" Radiator*

CH1122 3545252

Bottom Hose *22" Radiator*

CH852 3423360



## CL, CM - 1976-81

6 cyl.

Top Hose

CH1135 3889733

Bottom Hose

CH1136 3889792

8 cyl.

Top Hose

CH1137 4060954

Bottom Hose

CH1138 3804845



## VOYAGER & GRAND VOYAGER RG 3.3 LITRE EGA V6 ENGINE 5/2001-ON

Top Hose

CH4338 04881101AF

Bottom Hose

CH4339 04881100AC, 4881100AH



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Make Model	Description	Mackay #	O.E.M #
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## DAEWOO

### 1.5i (GM15F) 1.5 LITRE 1994-10/95

Top Hose	CH2051	96143403
Bottom Hose	CH2052	96143595



### CIELO 1.5 LITRE (OHC G15MF) 1995-1998

Top Hose	CH2609	96180322
Bottom Hose 3SPD Auto/Manual Trans	CH2610	96144555
Bottom Hose 4SPD Auto Trans	CH2611	96180928
Breather Hose valve cover to inlet	CH3805	96180801



### CIELO 1.5 LITRE (DOHC A15MF) 1995-98

Top Hose	CH2612	96144852
Bottom Hose 3SPD Auto/Manual Trans	CH2610	96144555
Bottom Hose 4SPD Auto Trans	CH2611	96180928



### ESPERO 2.0 LITRE 1995-1997

Top Hose	CH2049	96109384
Bottom Hose	CH2050	96130358



### KALOS T200 1.5 LITRE F15S 2003-2005

Top Hose Manual Trans	CH4956	96536591
Top Hose Auto Trans	CH5577	96536641
Bottom Hose Manual Trans	CH5247	96536613
Bottom Hose Auto Trans	CH4954	96536598



### LACETTI J200 1.8 LITRE J200 ENGINE 2003-2004

Top Hose	CH4573	96553247
Bottom Hose radiator to pipe	CH4574	96553316
ByPass Hose pipe to surge tank	CH4576	96553273
Heater Hose engine to heater bypass	CH4577	96456716



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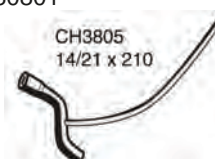


Make Model	Description	Mackay #	O.E.M #
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## LANOS 1.5 LITRE (OHC) G15MF 1995-98

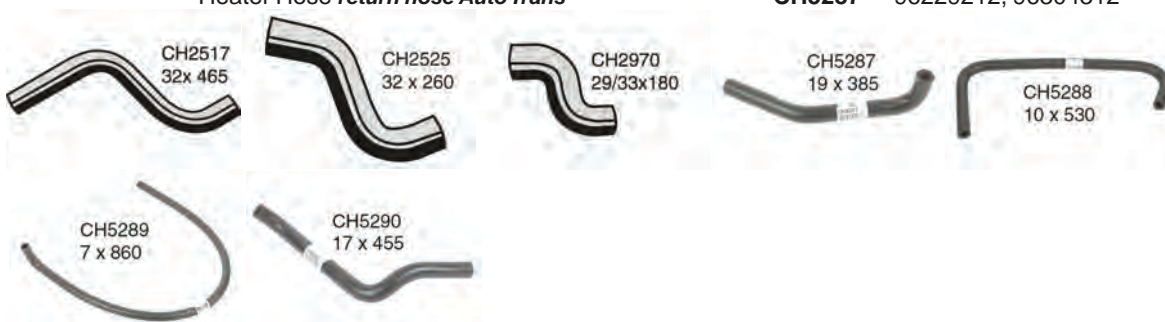
Breather Hose *valve cover to inlet*

CH3805 96180801



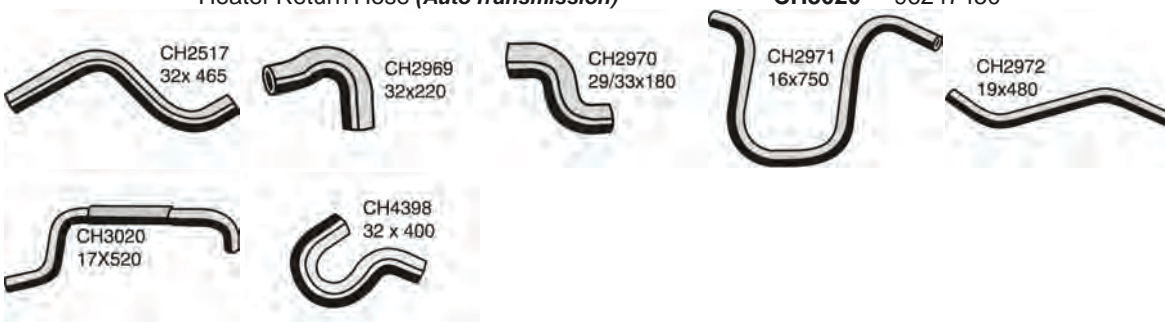
## LANOS T100 1.5 LITRE (SOHC) A15SMS 8VALVE 1997-2003

Top Hose	CH2525	96182268
Bottom Hose <i>radiator to pipe</i>	CH2517	96350692
Bottom Hose <i>Pipe to water pump</i>	CH2970	96180071
ByPass <i>surge tank to pipe</i>	CH5290	96351748
ByPass Hose <i>throttle body return</i>	CH5289	96351822, 96351823
ByPass Hose <i>throttle body to thermostat</i>	CH5288	96184864
Heater Hose <i>return hose Auto Trans</i>	CH5287	96229212, 96304312



## LANOS SX & SPORT 1.6 LITRE 1997-01

Top Hose	CH2969	96182269
Top Hose <i>without Air Con</i>	CH4398	96184393
Bottom Hose <i>radiator to pipe</i>	CH2517	96350692
Bottom Hose <i>Water Pump to Pipe</i>	CH2970	96180071
Heater Feed Hose	CH2972	96214619
Heater Return Hose (Manual Transmission)	CH2971	96229211
Heater Return Hose (Auto Transmission)	CH3020	96247450



## LEGANZA 2.0 LITRE C20SED ENGINE 1997-98

Top Hose	CH2597	96181466
Bottom Hose	CH2613	96351834



## LEGANZA 2.2 LITRE T22SED ENGINE 1999-01

Top Hose	CH2975	96258590
Bottom Hose	CH2976	96314173
Hose Water Pump to Pipe	CH2961	96184371
Heater Feed Hose	CH2955	96207408

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DAEWOO

Make Model	Description	Mackay #	O.E.M #
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## LEGANZA 2.2 LITRE T22SED ENGINE 1999-01

Heater Hose return

CH3032 96207504



## MATIZ 800CC 1999-7/02

Top Hose  
Bottom Hose  
Water Pump to pipe  
Heater Feed Hose  
Heater Return Hose

CH2975 96258590  
CH2976 96314173  
CH2977 96314176  
CH2978 96274871  
CH2979 96316823



## MUSO DT 5 CYL 2.8 LITRE SOHC 1998-2002

Top Hose  
Bottom Hose To Pipe  
Heater Hose Outlet  
Heater Hose Inlet

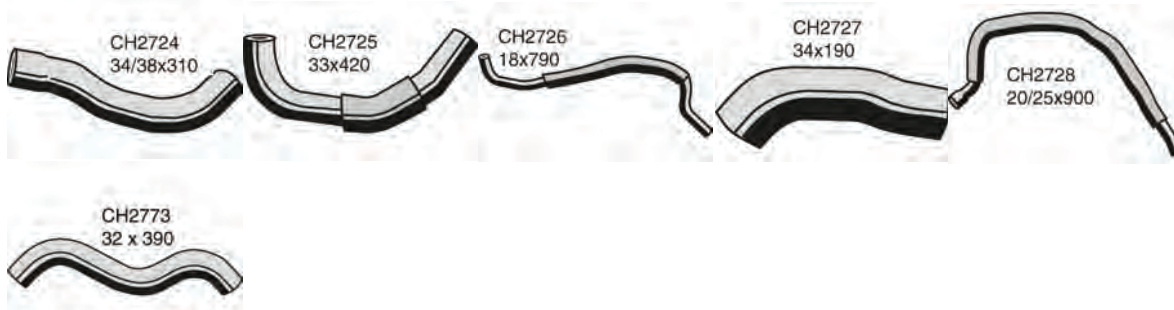
CH2713 2141105323X  
CH2714 2142105050  
CH2712 6942105903X  
CH2711 6941105903X



## MUSO 3.2 LITRE PETROL DOHC 24 VALVE 1996-2002

Top Hose  
Bottom Hose  
Lower Hose to Overflow Tube  
Heater Hose Outlet  
By pass Hose *Head to pump*  
Overflow Tube to Bottle

CH2724 2141105040  
CH2725 2142505040  
CH2773 2142105032X  
CH2726 6942005941X  
CH2727 1042030482  
CH2728 2142305040



## NUBIRA 1997-99

### 1.6 litre A16DMS DOHC

Top Hose  
Bottom Hose *Man Trans*  
Bottom Hose *Auto trans*

CH2614 96181385  
CH2615 96352291  
CH2616 96181387

### J100, J150 2 Litre X20SED DOHC

Top Hose  
Bottom Hose *Auto Trans to 15/2/98*  
Bottom Hose *Auto Trans From 15/2/98*  
Bottom Hose *Man Trans*

CH2619 96181386  
CH2620 96308891  
CH2617 96257065  
CH2618 96352290



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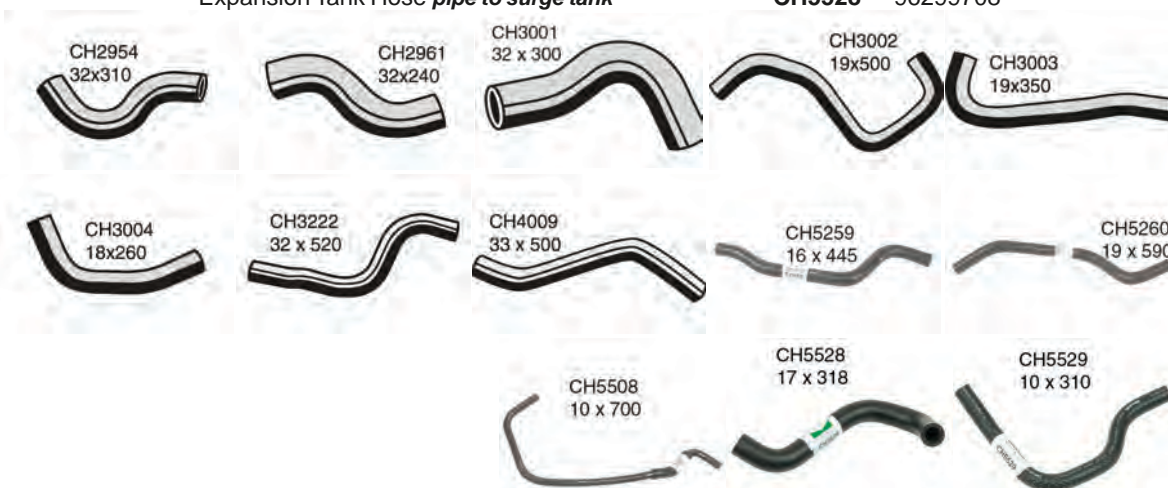
Make Model	Description	Mackay #	O.E.M #
<b>NUBIRA 1997-99</b>			

DAEWOO



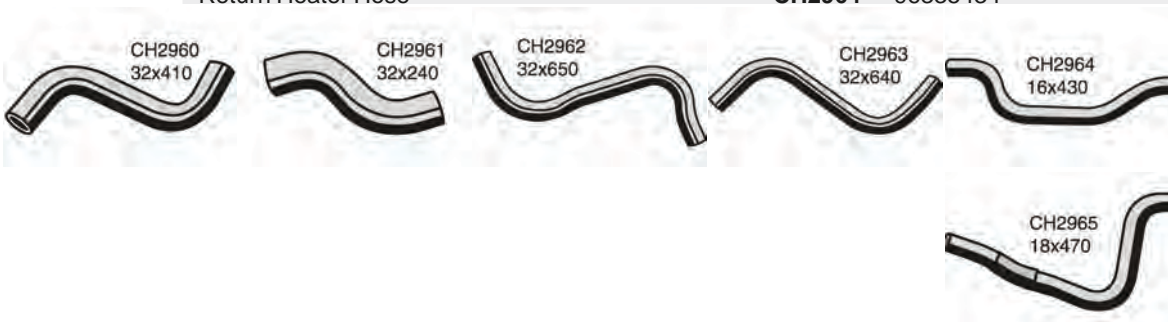
## J100, J150 2 Litre X20SED DOHC 1999-03

Top Hose	CH2954	96271481
Bottom Hose 99-01 Auto Trans Export Only	CH3001	96271480
Bottom Hose Auto Australian Vehicles	CH3222	96271486
Bottom Hose Manual Trans Australian Vehicles	CH4009	96271485
By Pass Hose	CH3003	96184370
Feed Heater Hose	CH3004	96255581
Heater Return Hose	CH3002	96255075
Hose Water Pump to Pipe	CH2961	96184371
ByPass Hose Throttle Body Retrurn	CH5508	96299994
ByPass Hose Throttle Body Feed	CH5529	96184860
Heater Hose inlet	CH5259	96190649
Heater Hose outlet	CH5260	96256460, 96240692
Expansion Tank Hose pipe to surge tank	CH5528	96299708



## TACUMA 2.0 Litre 2000-01

Top Hose	CH2960	96263882
Bottom Hose Automatic	CH2962	96263970
Bottom Hose Manual	CH2963	96349396
Hose Water Pump to Pipe	CH2961	96184371
Heater Feed Hose	CH2965	96379641
Return Heater Hose	CH2964	96335434



## DAIHATSU

DAIHATSU

### APPLAUSE 1984-ON

Top Hose Auto trans	CH1825	1657187110
Bottom Hose Auto trans	CH1826	1657287107
Top Hose Man Trans	CH1827	1657187109
Bottom Hose Man Trans	CH1828	1657287106



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DAIHATSU

Make Model	Description	Mackay #	O.E.M #
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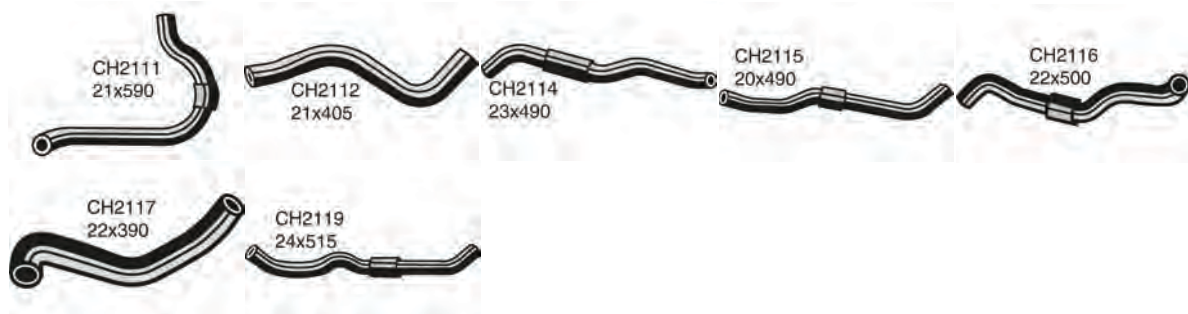
## CHARADE G10 3 CYL. 993CC 1980-83

1980-9/81	Top Hose	CH1391	1657187705
9/81-1983	Bottom Hose <i>Man Trans</i>	CH1392	1657287714
1980-9/81	Bottom Hose <i>Auto Trans</i>	CH2113	1657287720
9/81-1983	Bottom Hose <i>Auto Trans</i>	CH2118	1657287713
		CH1392	1657287714



## CHARADE G11

1983-1/85	Top Hose <i>Turbo</i>	CH2116	1657187725
	Top Hose <i>Less Turbo</i>	CH2114	1657287722
	Bottom Hose <i>Auto Trans</i>	CH2111	1657287730
	Bottom Hose <i>Man. Trans.</i>	CH2117	1657287729
1/85-1990	Top Hose <i>Turbo</i>	CH2115	1657187738
	Top Hose <i>Less Turbo</i>	CH2119	1657187737
	Bottom Hose	CH2112	1657287744



## CHARADE G100 993CC 1987-1993

Top Hose	CH2102	1657187745999
Bottom Hose <i>Man Trans</i>	CH2099	1657287752999
Bottom Hose <i>Auto Trans</i>	CH2100	1657287753999
Heater Hose <i>Outlet</i>	CH5426	8724687707000
Heater Hose <i>Inlet</i>	CH5425	8724587714000



## CHARADE G102 1.3 LITRE HCE 4/89-1/93

Top Hose	CH2091	1657187747999
Heater Hose <i>Inlet</i>	CH5427	8724587713000
Heater Hose <i>Outlet</i>	CH5428	8724687710000



## CHARADE G200

3/93-ON	Top Hose	CH2096	1657187749999
3/93-6/93	Bottom Hose	CH2110	1657287757
6/93-ON	Bottom Hose	CH2090	1657287760000



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Make Model	Description	Mackay #	O.E.M #
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## CHARADE G202 993CC

6/93-ON	Top Hose	CH2072	1657187750999
	Bottom Hose	CH2101	1657287758999



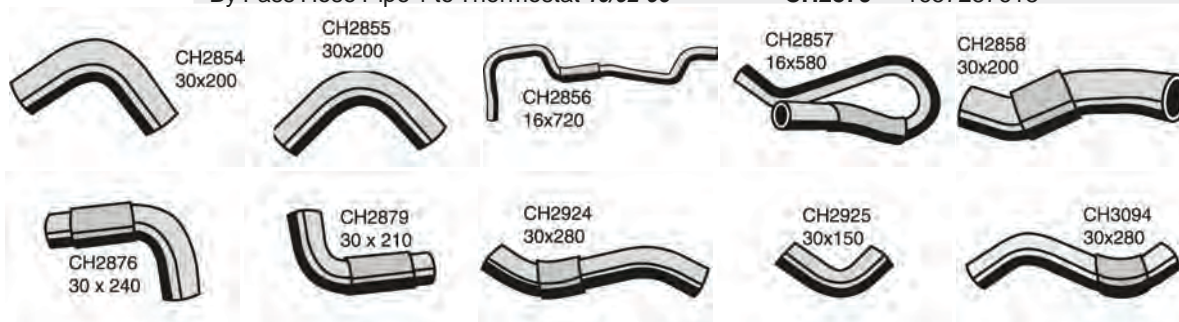
## CHARADE G203 1.5 LITRE

7/93-ON	Top Hose	CH2096	1657187749999
	Bottom Hose	CH2090	1657287760000



## FEROZA 4 CYL 1.6 LITRE 1988-96

Top Hose 88-8/93	CH3094	1657187618
Top Hose 8/93-96	CH2924	1657187623
Bottom Hose Pipe to Radiator 9/92 to 8/93	CH2855	1657387603
Bottom Hose Pipe to Radiator to 9/92	CH2854	1657387601
Bottom Hose Pipe to Radiator 9/93 on	CH2858	1657387604
Bottom Hose Pipe to Engine	CH2925	1657487601
Heater Hose (Inlet)	CH2856	8724587670
Heater Hose (Outlet)	CH2857	8724587671
By Pass Hose Pipe 1 to Thermostat 88-9/92	CH2876	1657287613
By Pass Hose Pipe 1 to Thermostat 10/92-96	CH2879	1657287618



## HANDIVAN 2 CYL. 547CC, 617CC

1981-85	Top Hose	CH1393	1657187713000
	Bottom Hose	CH1394	1657287712000



## MIRA L200-L201

1990-ON	Top Hose	CH1823	1657187218
	Bottom Hose	CH1824	1657287212



## ROCKY 2.8 LITRE DIESEL

Top Hose	CH2851	1657187619
Bottom Hose 1984-93 also T/Diesel	CH2922	1657287614
Radiator to Reservoir Cut to Length	OFH801	9004445697
By Pas Hose Thermostat to Engine	CH2852	1626187302
Heater Hose to Engine	CH2874	8724587616

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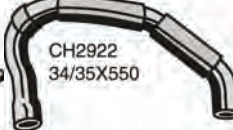

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DAIHATSU


Make Model	Description	Mackay #	O.E.M #	
<b>ROCKY 2.8 LITRE DIESEL</b>				
Heater Hose <i>Engine to Heater</i>		CH2923	8724587615	
				

SIRION M100S 1.0 LITRE EJDE 1998-6/04				
	Bottom Hose	CH4611	1657297201	
	Heater Hose <i>inlet</i>	CH4612	8724597201	
	Heater Hose <i>Outlet</i>	CH4613	8724697201	
				


TERIOS 1.3 LITRE 03/97-6/2000			
	Top Hose	CH3962	1657187401
	Bottom Hose	CH3963	1657287401
	By Pass Hose	CH3966	8724287401
	Heater Hose Inlet	CH3964	8724587402
	Heater Hose Outlet	CH3965	8724687401




CH3962  
30 X 420



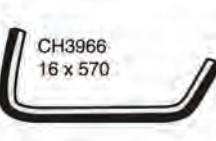
CH3963  
30 X 720



CH3964  
16 x 380




CH3965  
16 X 380




CH3966  
16 x 570


TERIOS J102 1.3 LITRE K3VE 7/2000-12/05			
Top Hose	<i>Radiator to Pipe</i>	CH4614	1657187404
Top Hose	<i>pipe to thermostat housing</i>	CH4615	1657387401
Bottom Hose	<i>pipe to engine</i>	CH4617	1657497401
Bottom Hose	<i>radiator to pipe</i>	CH4616	1657287403




CH4614  
30 x 285



CH4615  
27 x 210



CH4616  
30 x 560



CH4617  
27 x 170

## DODGE / COMMER

DODGE / COMMER

<b>AT4 - 1, 2, 3,4,5,5H 6 CYL.</b>			
1962-69	By Pass Hose	CH585	2277632
<b>AT4 - 4, 5, 5H, 6, 6H.8 CYL. (DIESEL)</b>			
1962-69	By Pass Hose	CH901	2863181
<b>CARAVAN, VOYAGER 3.0 LITRE V6 1993-5</b>			
	Top Hose	CH3282	4682237
<b>COMMER 7 CWT. COB SERIES 3</b>			
1963-65	Top Hose	CH595	5220810
	Bottom Hose	CH596	5220681

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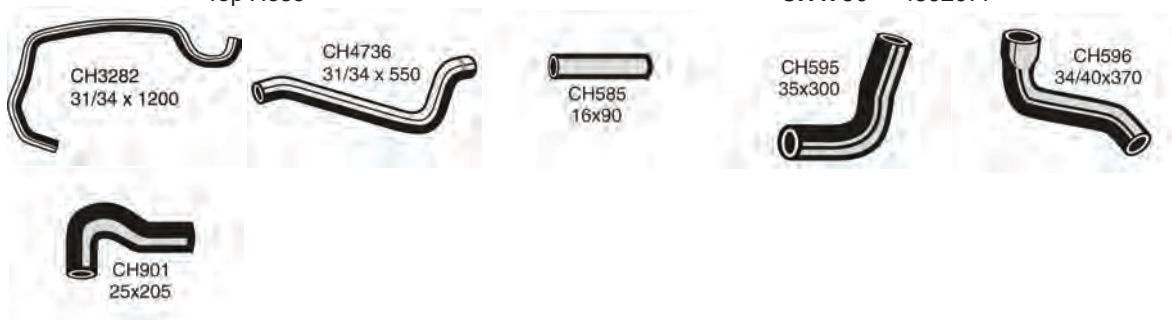
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Make Model	Description	Mackay #	O.E.M #
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## INTREPID / CONCORDE / NEWYORKER 3.5 Litre 1993-1997

Top Hose

CH4736 4592077



## FIAT

### 128 1976-77

Fuel Filler Hose

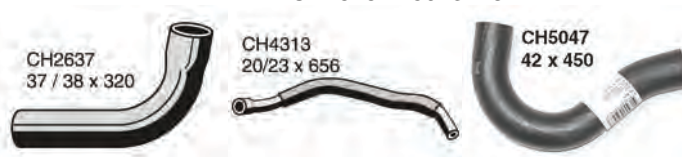
CH3772 4377185



### 850 903cc 1970-73

Top Hose  
Bottom Hose  
Breather Hose

CH5047 4186651  
CH2637 4178589  
CH4313 5923248



### BRAVE 1756/1995cc

1978-81 Top Hose Right  
Bottom Hose

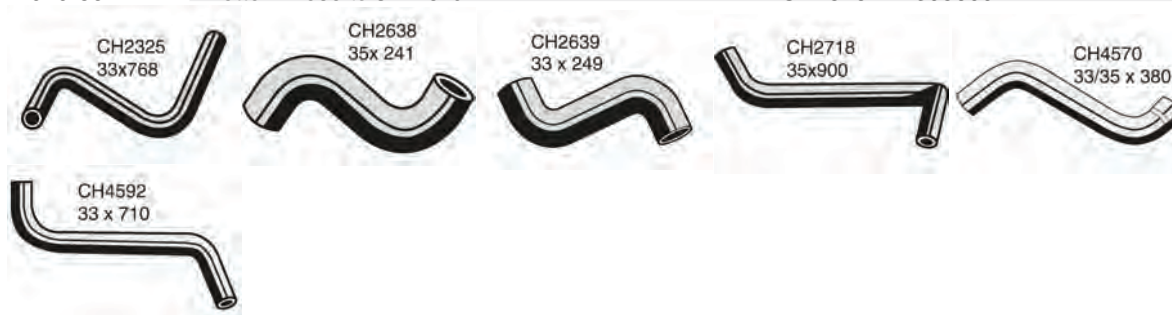
CH2338 4217314  
CH4363 4343796



### X1/9

1974-78 Top Hose *Front*  
1972-82 Top Hose *Front 1.3 Litre*  
1983-79 Top Hose  
1972-83 Top Hose *Rear 1.3 Litre*  
1979-83 Bottom Hose *Front*  
1979-86 Bottom Hose *to CH118462*

CH2638 4300971  
CH4570 4345352  
CH2718 4395610  
CH4592 4267814  
CH2639 4225808  
CH2325 4395609



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FIAT

FIAT

Make Model	Description	Mackay #	O.E.M #
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## REGATA

1984-85 Top Hose *with A/C*

**CH2446** 5974161



## SPIDER 124

1975-78 Top Hose Left  
By Pass Hose

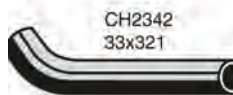
**CH2391** 4348290  
**CH5013** 4339937



## SPIDER 2000

1974-85 Top Hose Rear  
Bottom Hose

**CH2349** 4301394  
**CH2342** 4385781



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Make Model	Description	Mackay #	O.E.M #
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## FORD

FORD

### CAPRI

#### 1600

Top Hose 69-10/69	CH845	EKM892
Top Hose 11/69 -72	CH931	KM5109
Bottom Hose 1969-72	CH932	AKM5110

#### Capri II Convertible 1.6 Litre SOHC

Top Hose 1989-90	CH1755	E9JY8260A
Bottom Hose 89-2/91	CH1756	E9JY8286A
Bottom Hose 2/91-ON	CH1851	FOJY8286A
Heater Hose 1989-90	CH1955	B30861211

#### Capri II Convertible 1.6 litre DOHC

Top Hose 2/91-1992	CH1956	FOJY8260A
Bottom Hose 89-2/91	CH1756	E9JY8286A
Bottom Hose 2/91-5/93	CH1851	FOJY8186A
Bottom Hose 6/93-1994	CH1854	F4JY8286A
Heater Hose Less Turbo 1989-94	CH1955	B30861211
Heater Hose With Turbo	CH1962	B25861211A



### CONSUL, GRANADA 2000 (OHC) 1972-81

Top Hose	CH1143	1517422
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### CORSAIR

9/63-65 Top Hose	CH803	KM5013
UA 2.0 litre 1989-92 Top Hose	CH1677	AKM5418
Bottom Hose	CH1678	AKM5419
UA 2.4 litre 1989-92 Top Hose	CH1679	AKM5420
Bottom Hose	CH1680	AKM5421,21501-J8001



### CORTINA

#### MKI 1.2 & 1.5 Litre 1962-67

Top Hose	CH803	KM5013
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#### MKII 1300, 1500 1967-68

Top Hose	CH803	KM5013
Bottom Hose	CH804	KM384

#### 1300, 1500 -Cross Flow Head 1968-71

Top Hose	CH805	KM5069
Bottom Hose	CH804	KM384

#### Mk III & IV 1.6, 2.0 Litre O.H.C 1972-79

Top Hose	CH1143	72GB8260KA
Bottom Hose	CH1144	72GB8260BC

#### Mk III GT, GXL, E1600, 2000 (OHC) 1973-76

Top Hose	CH1143	1517422
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#### Mk IV 1600,2000(OHC) 1976-82

Top Hose	CH1143	1517422
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#### TC 1600 1971-73

Top Hose	CH931	KM5109
Bottom Hose	CH932	AKM5110

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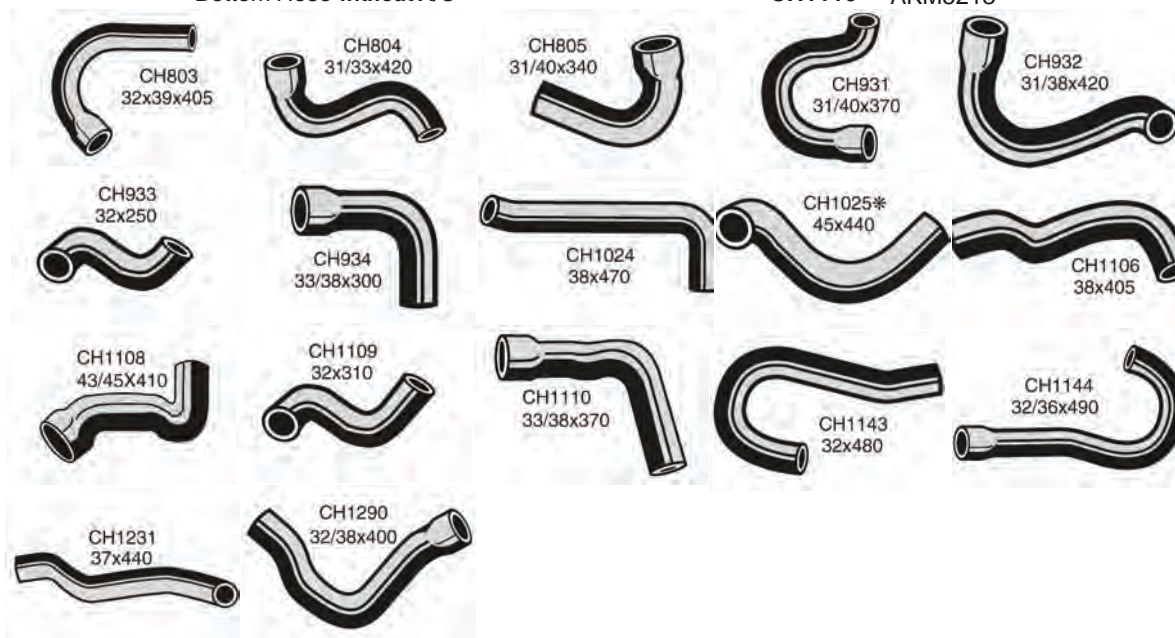
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Make Model	Description	Mackay #	O.E.M #
<b>CORTINA</b>			
<b>TC, TD 2000 1971-77</b>			
	Top Hose	CH933	AKM5111
	Bottom Hose	CH934	AKM5112
<b>TC, TD 3.3 &amp; 4.1 litre (200 and 250 c.i.d.) 6 cyl</b>			
72-6/76	Top Hose	CH1024	AKM5194
	Bottom Hose	CH1025	AKM5195
6/76-77	Top Hose	CH1231	AKM5210
	Bottom Hose	CH1025	AKM5195
<b>TE, TF 6 cyl 1977-82</b>			
	Top Hose	CH1106	AKM5214
	Bottom Hose	CH1108	AKM5236
<b>TE, TF 4 cyl. 1977-82</b>			
	Top Hose	CH1109	AKM5212
	Bottom Hose with A/Con	CH1290	AKM5239
	Bottom Hose without A/C	CH1110	AKM5213

**COURIER**

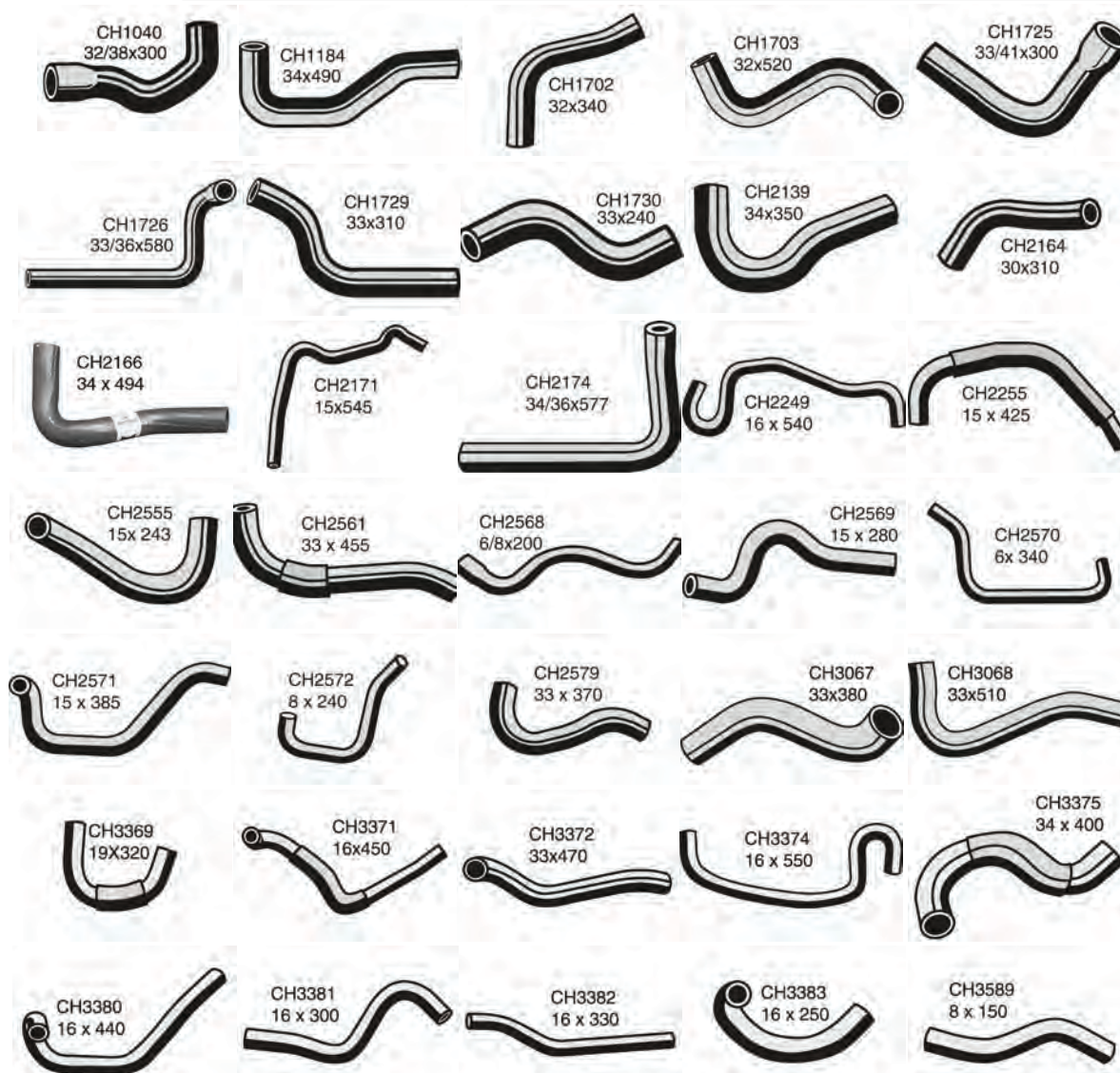
<b>1.8 litre (Petrol) 1978-82</b>			
	Top Hose	CH1184	AKM5360
	Bottom Hose	CH1040	AKM5361
<b>2.0 litre (Petrol) 1985-91</b>			
	Top Hose	CH1729	AKM5379
	Bottom Hose	CH1730	AKM5380
<b>2.0 litre (Petrol) 1991-97</b>			
	Top Hose	CH2141	AKM5369A
	Bottom Hose	CH2139	AKM5370A
<b>2.2 litre (Diesel)</b>			
1985-94	Top Hose	CH1725	R22615186A
1985-89	Bottom Hose	CH1726	R22615185A
11/89-94	Bottom Hose	CH2174	R22615185B
<b>4X4 2.6 litre (Petrol) 4G54 Eng 1987-96</b>			
	Top Hose	CH1702	AM1515186A
	Bottom Hose	CH1703	AM1515185
<b>2.6 Litre G6 Eng 11-1989-1996</b>			
	Top Hose	CH2164	AKM5447, G6011518699
	Bottom Hose	CH2166	G60115185A
	By Pass Hose	CH3589	G60113691A
<b>PC 2.6 Litre 4G54 1987-10/89</b>			
	Top Hose	CH1702	AM1515186/A
	Bottom Hose	CH1703	AM151518
<b>PC 2.5 Turbo Diesel Engine 2002-2007</b>			
	Top Hose	CH3375	WL8415186D
	Bottom Hose	CH3372	WL8115185
	Heater Hose	CH3371	UH8661211A
	Heater Hose No 2	CH3383	UH8661212A
<b>PD 2.5 litre diesel 1996-98</b>			
	Top Hose	CH2579	WL3115186
	Bottom Hose	CH2561	WL2115185A
	Heater Hose No1 to fire wall	CH2255	UG626-211A
	Heater Hose No 2	CH2555	UG7161212
	Heater Hose No3	CH2569	U01361213A
	Water By Pass	CH2572	G60715261
<b>PD 2.6 litre Petrol 1996-98</b>			

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Make Model	Description	Mackay #	O.E.M #
<b>COURIER</b>			
	Top Hose	CH3067	G50315186
	Bottom Hose	CH3068	G50315185C
	Throttle body By Pass Hose	CH2568	G62013682A
	Heater Hose No1	CH2249	UE3861211A
	Heater Hose No 2	CH2571	UE3861212
	By Pass Hose Throttle Box	CH2570	G60913681
<b>PE 2.5 Turbo Diesel WLAT Engine 1998-2002</b>			
	Top Hose	CH3375	WL8415186D
	Bottom Hose	CH3372	WL8115185
	Heater Hose	CH3371	UH8661211A
	Heater Hose No 2	CH3383	UH8661212A
	Heater Hose No 3	CH3381	UH8661213A
	By Pass Hose	CH3369	WL5115261B
<b>PE 2.6 Litre G6 Engine 1998-2002</b>			
	Top Hose	CH3067	G50315186
	Bottom Hose	CH3068	G50315185C
	Heater Hose No1	CH3374	UH8161211B
	Heater Hose No 2	CH3380	UH8161212A
	Water By Pass	CH2572	G60715261
	Cooler Inner Hose	CH3382	G62915536B
<b>PG 2.6 Litre G6 Engine 2002-2007</b>			
	Top Hose	CH3067	G50315186
	Bottom Hose	CH3068	G50315185C
	Heater Hose No1	CH3374	UH8161211B
	Heater Hose No 2	CH3380	UH8161212A
	By Pass Hose Throttle Box	CH2570	G60913681
	By Pass Hose	CH3589	G60113691A
	Throttle body By Pass Hose	CH2568	G62013682A
<b>PH 4.0 Litre 1V 2004-2006</b>			
	Top Hose	CH5449	3M348274A1A
	Bottom Hose	CH4949	3M348286AASA

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FORD

Make Model	Description	Mackay #	O.E.M #
<b>COURIER</b>			



## CROWN VICTORIA 5.0 & 5.8 LITRE 1989-95

Top Hose 1992-95	CH3451	F2AZ8260A
Bottom Hose 1989-91	CH3286	E3SZ8286A



## CROWN VICTORIA, GRAND MARQUIS 4.6 LITRE

Top Hose 1992-97	CH3464	E7AZ8260A
Top Hose 1998-01	CH3677	F8AZ8260AB
Top Hose 2003-04	CH4500	3W1Z8260AA, KM4593
Top Hose 2006-2008	CH4497	6W1Z8260AA
Bottom Hose 1992-97	CH3678	KM3311
Bottom Hose 2003-04	CH3674	3W1Z8286BB
Heater Hose Valve to manifold with Auto temp control 1992-97	CH3274	F5AZ18472A
Heater Hose Heater to pipe 1 1992-97	CH3279	F1VY18472A
Heater Hose to intake manifold 1992-97	CH3278	F2AZ18472A



## ECONOVAN

### 2.0 litre (Petrol) 1984-91

Top Hose	CH1729	AKM5379
Bottom Hose	CH1730	AKM5380

### 1.8 Litre (Petrol) 1991-2001

Top Hose	CH2141	AKM5369A
Bottom Hose	CH2139	AKM5370A
Long By Pass Hose	CH2626	AKM5450
Heater Hose No1	CH2513	SO9361211A
Heater Hose No2	CH2624	SO8461212A
By Pass Hose thermostat housing to pipe	CH2472	AKM5461

### 2.0 Litre (Petrol) 1991-2001

Top Hose	CH2141	AKM5369A
Bottom Hose	CH2139	AKM5370A
Long By Pass Hose	CH2626	AKM5450
Heater Hose No1	CH2513	SO9361211A
Heater Hose No2	CH2624	SO8461212A
By Pass Hose thermostat housing to pipe	CH2472	AKM5461

### 2.2 Litre 1992-ON

Top Hose	CH2162	AKM5459
Bottom Hose	CH2163	RF9515185B

### Maxi 2.2 litre (Diesel) 1984-91

Top Hose	CH1727	AKM5371A
Bottom Hose	CH1728	AKM5372



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Make Model	Description	Mackay #	O.E.M #
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## ECONOVAN



## ESCORT

### 1969-70

Top Hose	CH845	EKM892
Bottom Hose	CH932	AKM5110

### Escort except 1970-71 Twin Cam, and 1972 GT1600 1970-77

Top Hose (to April '70)	CH845	EKM892
Top Hose (from April '70)	CH931	AKM5109
Bottom Hose	CH932	AKM5110
Hose- Manifold Outlet	CH1035	70AB18472CA
Hose - Manifold Inlet	CH1036	70AB18472AA

### Escort 1.6 litre 1977-81

Top Hose	CH931	KM5109
Bottom Hose	CH932	AKM5110

### Escort 2.0 litre 1977-81

Top Hose	CH1142	AKM5218
Bottom Hose	CH1114	AKM5224
Heater Hose - Water Pump to Heater	CH1792	EB18472A
Heater Hose - Manifold to Heater	CH1793	EB18472B

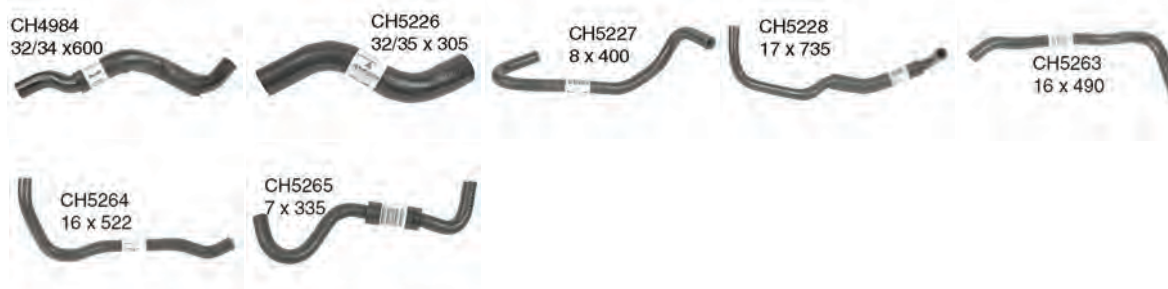


## ESCAPE 2.3 LITRE ZA 2004-6/2006

Top Hose	CH4984	L3B815186
Bottom Hose	CH5226	L3B81518YC
ByPass Hose engine to T piece	CH5227	L33613681
ByPass Hose Thermostat Housing to T piece	CH5228	L81315536C
By Pass Hose	CH5263	L30915260

## ESCAPE 2.3 LITRE ZC 7/2006-2008

Top Hose	CH4984	L3B815186
Bottom Hose	CH5226	L3B81518YC
ByPass Hose	CH5264	L3G615260A
ByPass Hose engine to T piece	CH5265	L3211368C
ByPass Hose Thermostat Housing to T piece	CH5228	L81315536C



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Make Model	Description	Mackay #	O.E.M #
EXPLODER	<b>OHV 1997-ON</b>		
	Top Hose	CH2193	F5TZ8260C, F77ZA260HA
	Bottom Hose	CH2194	F5TZ8286D

**EXPLODER SOHC 1997-ON**

Top Hose	CH2195	F77Z8260BB
Bottom Hose	CH2192	F77Z8286AB

**EXPLODER 4.0 LITRE V6 2002-2008**

Top Hose 2002-2005	CH4597	1L2Z8260BA
Top Hose 2006-2008	CH4599	6L2Z8260BA
Bottom Hose 2002-2005	CH4598	1L2Z8286BA
ByPass Hose 2002-07	CH4600	F77Z8548AF, KM3269

**F100 4.1 LITRE 6 CYL.**

Top Hose 7/74-76	CH1234	AKM5196
Top Hose 11/77-ON	CH1235	AKM5198
Top Hose with A/C 74-81	CH2543	AKM5300
Top Hose 1977-87	CH4476	AKM5237
Bottom Hose 1974-77	CH1236	AKM5197
Bottom Hose 1977-81	CH1237	AKM5230
Bottom Hose 3/81-85	CH4161	AKM5359

**F100 4.9 LITRE V8 302 CLEVELAND 1974-78**

Top Hose	CH1235	AKM5198
Bottom Hose	CH1241	AKM5199

**F100 5.0 LITRE V8 302 WINDSOR ENGINE 09/85-12/87**

Top Hose	CH2308	E7TZ8260A
Bottom Hose	CH2210	E7TZ8286A



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Make Model	Description	Mackay #	O.E.M #
<b>F100 5.8 LITRE V8 1978-81</b>			
	Top Hose	CH1239	AKM5231
	Bottom Hose	CH1243	AKM5232
<b>F100 / BRONCO 5.8 LITRE V8 1984-ON</b>			
	Top Hose	CH3306	AKM5357
	Bottom Hose	CH2577	E5TZ8286B
<b>F150 SUPPER CAB 5.0 LITRE V8 302 WINDSOR ENGINE 1985-1991</b>			
	Top Hose	CH2308	E7TZ8260A
	Bottom Hose	CH2210	E7TZ8286A
<b>F150 1987-93</b>			
<b>4.9 litre V8 302 Cleveland</b>			
	Top Hose	CH1235	AKM5198
	Bottom Hose	CH1241	AKM5199
<b>5.8 Litre V8</b>			
	Top Hose	CH1239	AKM5231
	Bottom Hose	CH1243	AKM5232
<b>F250 4.1 LITRE 6 CYL.</b>			
	Top Hose 74-11/77	CH1234	AKM5196
	Top Hose 11/77-78	CH1235	AKM5198
	Bottom Hose 74-11/77	CH1236	AKM5197
	Bottom Hose 11/77-78	CH1237	AKM5230
	Bottom Hose with A/C 3/91-93	CH4196	AKM5294
<b>F250 4.9 LITRE V8 302 CLEVELAND 1974-78</b>			
	Top Hose	CH1235	AKM5198
	Bottom Hose	CH1241	AKM5199
<b>F250 5.0 LITRE 302 WINDSOR 9/88-12/89</b>			
	Top Hose	CH2308	E7TZ8260A
	Bottom Hose	CH2210	E7TZ8286A

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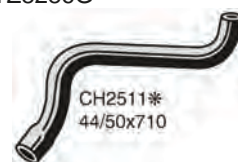
Make Model	Description	Mackay #	O.E.M #
<b>F250 5.0 LITRE 302 WINDSOR 9/88-12/89</b>			



<b>F250 5.8 LITRE V8</b>			
1978-81	Top Hose	CH1239	AKM5231
	Bottom Hose	CH1243	AKM5232
1981-5/87	Top Hose	CH3306	AKM5357
	Bottom Hose	CH2577	E5TZ8286B
1988-91	Top Hose	CH2214	E9TZ8260G
1987-93	Bottom Hose	CH2210	E7TZ8286A



<b>F250 HD 7.0 LITRE V8 1999-ON</b>			
	Bottom Hose (W/OT Piece)	CH2511	FYTZ8286G



<b>F350 4.1 LITRE 152</b>			
	Top Hose 5/76-6/78	CH1234	AKM5196
	Bottom Hose 5/76-11/77	CH1236	AKM5197
	Bottom Hose 11/77-1981	CH1237	AKM5230
	Bottom Hose with A/C 3/91-93	CH4196	AKM5294



<b>F350 5.0 LITRE V8 302 WINDSOR ENGINE 1986-89</b>			
	Top Hose	CH2308	E7TZ8260A
	Bottom Hose	CH2210	E7TZ8286A



<b>F350 4.9 LITRE V8 302 CLEVELAND 5/76-78</b>			
	Top Hose	CH1235	AKM5198
	Bottom Hose	CH1241	AKM5199



<b>F350 5.8 LITRE V8</b>			
1978-81	Top Hose	CH1239	AKM5231
	Bottom Hose	CH1243	AKM5232

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Make Model	Description	Mackay #	O.E.M #
<b>F350 5.8 LITRE V8</b>			
1981-5/87	Top Hose	CH3306	AKM5357
	Bottom Hose	CH2577	E5TZ8286B



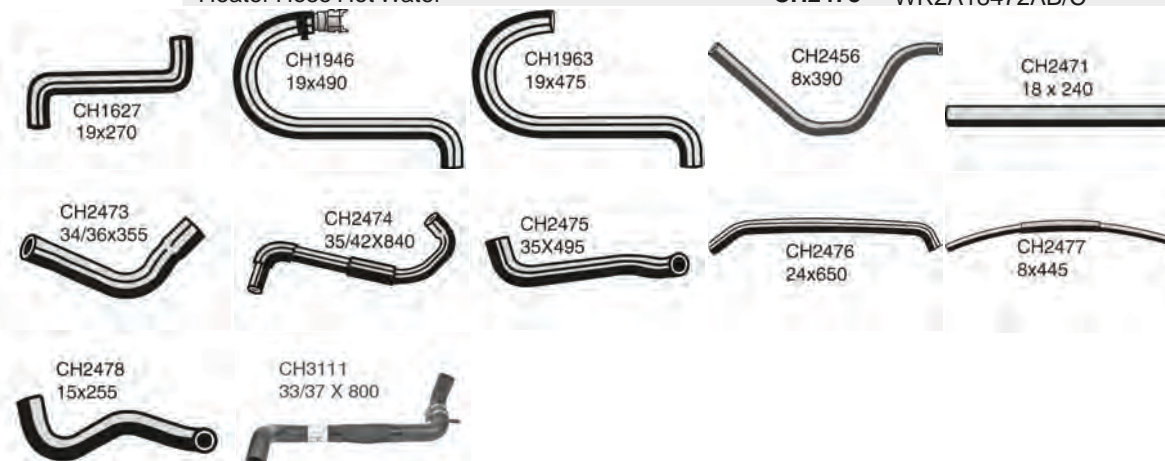
## FALCON AU 9/98-2002

### 4.0 litre (6Cyl)

Top Hose	CH2473	ER8260A
Bottom Hose	CH2475	ER8286B
Radiator Supply Tank	CH2476	ER8A365A
Crankcase Vent Hose	CH2456	EF6853B
Heater Hose Tap to Pipe	CH2471	V890120S240A
Heater Hose <i>with end fitting</i>	CH1946	EF18C266A
Heater Hose <i>less end fitting</i>	CH1963	EF18472A
Heater Hose	CH1627	EA18472H
Hose Pack contains: CH2473, CH2475, CH2476, CH2456, CH2471, CH1627, SHW9.5x2, CH1946	CHVP10	

### 4.9 Litre (V8)

Top Hose	CH3111	WR2A8260CA
Bottom Hose	CH2474	ER8286A
Radiator Supply Tank	CH2476	ER8A365A
Radiator Over flow	CH2477	ER8W005A
Heater Hose Hot Water	CH2478	WR2A18472AB/C



## FALCON BA 9/2002 -2005

### 4.0 Litre (6Cyl)

Top Hose	CH3299	BA8260A
Bottom Hose	CH3300	BA8286A,BA8286AMC
Crankcase Vent Hose	CH3312	BA8C362D
Supply Tank Hose	CH3304	BA8A365A
Heater Hose <i>without "T" piece</i>	CH3330	BA18472A,BA18472AMC
Heater Hose <i>with "T" piece</i>	CH3386	BA8A582B
Trans Cooler Coolant Hose <i>Outlet Series II 10/06-08</i>	CH4538	BAF27H256A
Trans Cooler Coolant Hose <i>inlet (series I 9/05-9/06)</i>	CH4534	BAF7890A
Trans Cooler Coolant Hose <i>inlet (series II 10/06-08)</i>	CH4536	BAF27H255A
Heater Hose	CH3329	BA8A365A
ByPass Hose <i>converter to engine with fitting dedicated Gas Only</i>	CH5232	BA8A520B
ByPass Hose <i>converter to engine with out fitting dedicated Gas Only</i>	CH5233	BA8A507AMC
ByPass Hose <i>converter hose dedicated Gas Only</i>	CH5255	BA8A507B
Hose 9.5 mm ID <i>cut to length</i>	SHW9.5x2	V890115SB85A
Hose 9.5 mm ID <i>cut to length</i>	SHW9.5x2	V890115S150A
Hose Pack without T Piece	CHVP31	
Hose Pack With T Piece	CHVP30	

### 4.0 Litre (6Cyl) Turbo

Top Hose	CH3299	BA8260A
Bottom Hose	CH3300	BA8286A,BA8286AMC
Crankcase Vent Hose	CH3312	BA8C362D
Supply Tank Hose	CH3304	BA8A365A
Heater Hose <i>with "T" piece</i>	CH3386	BA8A582B
Heater Hose <i>without "T" piece</i>	CH3330	BA18472A,BA18472AMC
Turbo Hose <i>Connecting pipe to manifold</i>	CH4226	BA26K863A
Turbo Hose <i>Engine to aircooler inlet</i>	CH4224	BAT6F074A
Turbo Hose <i>Intercooler to connecting pipe</i>	CH4225	BA26F075A
Engine Oil Hose <i>Oil Cooler Outlet</i>	CH5539	BAF26B852A

### 5.4 Litre (V8)

Top Hose	CH3301	BA8260B
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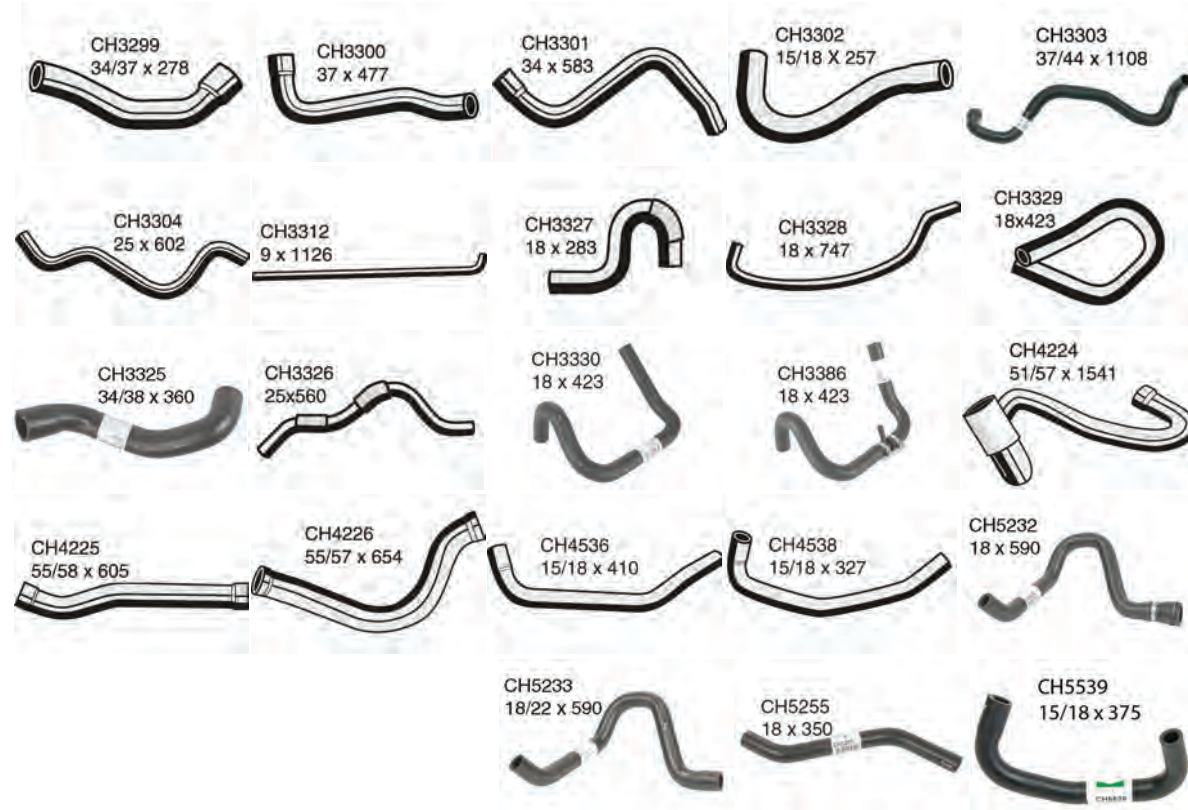
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FORD

Make Model	Description	Mackay #	O.E.M #
<b>FALCON BA 9/2002 -2005</b>			
	Top Hose (4 Valve)	CH3325	BA8260C
	Bottom Hose	CH3303	BA8286B
	Heater Hose Assembly (4 Valve)	CH3327	BA18472E
	Heater Hose	CH3302	BA18472D
	Heater Hose	CH3328	BA18472C
	Supply Tank Hose (4 Valve)	CH3326	BA8A365B
	Turbo Hose <i>Connecting pipe to manifold</i>	CH4226	BA26K863A

**FALCON BF 9/2005****4.0 Litre (6Cyl)**

Top Hose	CH3299	BA8260A
Bottom Hose	CH3300	BA8286A,BA8286AMC
Crankcase Vent Hose	CH3312	BA8C362D
Supply Tank Hose	CH3304	BA8A365A
Heater Hose <i>without "T" piece</i>	CH3330	BA18472A,BA18472AMC
Heater Hose <i>with "T" piece</i>	CH3386	BA8A582B
Heater Hose	CH3329	BA18472B
Trans Cooler Coolant Hose <i>Outlet Series II 10/06-08</i>	CH4538	BAF27H256A
Trans Cooler Coolant Hose <i>inlet (series I 10/05-9/06)</i>	CH4534	BAF7890A
Trans Cooler Coolant Hose <i>inlet (series I 10/05-9/06)</i>	CH4537	BAF7890B
Trans Cooler Coolant Hose <i>inlet (series II 10/06-08)</i>	CH4536	BAF27H255A
ByPass Hose <i>converter to engine with fitting dedicated Gas Only</i>	CH5232	BA8A520B
ByPass Hose <i>converter to engine with out fitting dedicated Gas Only</i>	CH5233	BA8A507AMC
ByPass Hose <i>converter hose dedicated Gas Only</i>	CH5255	BA8A507B
Hose 9.5 mm ID <i>cut to length</i>	SHW9.5x2	V890115SB85A
Hose 9.5 mm ID <i>cut to length</i>	SHW9.5x2	V890115S150A
Hose Pack without T Piece	CHVP31	
Hose Pack With T Piece	CHVP30	

**4.0 Litre (6Cyl) Turbo**

Top Hose	CH3299	BA8260A
Bottom Hose	CH3300	BA8286A,BA8286AMC
Crankcase Vent Hose	CH3312	BA8C362D
Supply Tank Hose	CH3304	BA8A365A
Heater Hose <i>with "T" piece</i>	CH3386	BA8A582B
Heater Hose <i>without "T" piece</i>	CH3330	BA18472A,BA18472AMC
Heater Hose	CH3329	BA18472B
Trans Cooler Coolant Hose <i>inlet (series I 10/05-9/06)</i>	CH4534	BAF7890A
Trans Cooler Coolant Hose <i>inlet (series I 10/05-9/06)</i>	CH4537	BAF7890B
Trans Cooler Coolant Hose <i>inlet (series II 10/06-08)</i>	CH4536	BAF27H255A
Engine Oil Cooler Coolant Hose <i>Inlet 10/05 On</i>	CH4535	BAF6B851A
Engine Oil Hose <i>Oil Cooler Outlet 10/05 ON</i>	CH5539	BAF26B852A
Turbo Hose <i>Engine to aircooler inlet</i>	CH4224	BAT6F074A
Turbo Hose <i>Intercooler to connecting pipe</i>	CH4225	BA26F075A
Turbo Hose <i>Connecting pipe to manifold</i>	CH4226	BA26K863A

**5.4 Litre (V8)**

Top Hose	CH3301	BA8260B
Top Hose (4 Valve)	CH3325	BA8260C

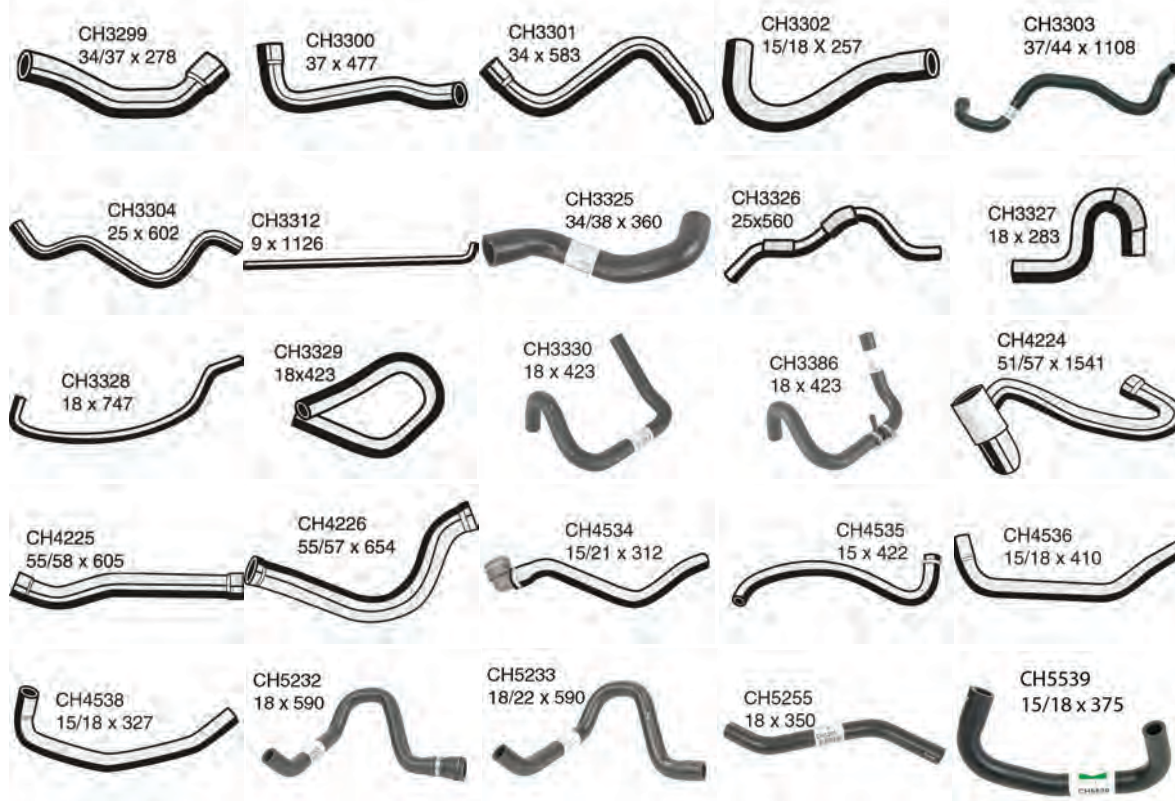
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Make Model	Description	Mackay #	O.E.M #
<b>FALCON BF 9/2005</b>			
	Bottom Hose	<b>CH3303</b>	BA8286B
	Heater Hose Assembly (4 Valve)	<b>CH3327</b>	BA18K579A
	Heater Hose	<b>CH3302</b>	BA18472D
	Heater Hose	<b>CH3328</b>	BA18472C
	Supply Tank Hose (4 Valve)	<b>CH3326</b>	BA8A365B
	Hose 9.5 mm ID <i>cut to length</i>	<b>HH10TWx20</b>	V890115SB85A



## **FALCON EA.EB, FAIRLANE NA, LTD DA 3.2 & 3.9 LITRE, 1988-2/92**

Top Hose	<b>CH1605</b>	AKM5364,AKM5422
Bottom Hose	<b>CH1606</b>	AKM5365,AKM5423
Hose- Radiator to Header Tank <i>to 6/91</i>	<b>CH1622</b>	EA8A365A
Hose- Radiator to Header Tank <i>6/91-2/92</i>	<b>CH2248</b>	EC8A365A
Hose-Manifold to Water Valve ( <i>Single Point E.F.I.</i> )	<b>CH1623</b>	EA18472A
Hose-Water Valve to Heater Core ( <i>Single Point E.F.I.</i> )	<b>CH1624</b>	EA18472B
Hose- Heater to Water Pump ( <i>Single point E.F.I.</i> )	<b>CH1625</b>	EA18472C
Hose- Heater to Pipe ( <i>Multi Point E.F.I.</i> )	<b>CH1626</b>	EA18472G:ED18472G
Hose - Water Valve to heater ( <i>Multi Point E.F.I.</i> )	<b>CH1627</b>	EA18472H:ED18472H
Hose -Thermostat to Coolant Recovery Tank	<b>CH2109</b>	V890065SA40
<b>EA/NA/DA only 88-6/91</b>		
Fuel Tank Filler Hose	<b>CH2165</b>	EE9047A
Heate Hose Tap to Pipe	<b>CH4195</b>	V890075S480A
Hose Pack ( <i>Single Point E.F.I.</i> )	<b>CHVP2</b>	
contains: CH1605, CH1606, CH1624, CH1623, CH1625		
Hose Pack ( <i>Multi Point E.F.I.</i> )	<b>CHVP14</b>	
contains: CH1605, CH1606, CH1626, CH1627		



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FORD

Make Model	Description	Mackay #	O.E.M #
<b>FALCON EA.EB, FAIRLANE NA, LTD DA 3.2 &amp; 3.9 LITRE, 1988-2/92</b>			

CH4195  
19 x 480**FALCON EB-ED, FAIRLANE NC, LTD DC 5.0 LITRE 1991-94 MULTI POINT EFI**

Top Hose	CH5616	EC8060B1MC, EC8260A, EC8260A1
Bottom Hose - Engine to Pipe	CH1798	AKM5431
Bottom Hose- Radiator to Pipe	CH2507	AKM5432
Hose - manifold to water valve	CH1799	EC18472A
Hose- water valve to heater core	CH1800	EC18472B
Hose- heater to water pump	CH1801	EC18472C
By Pass hose (Bottom)	CH998	KM640A
By Pass hose (Top) Water pump to Manifold	CH3030	E7AZ18472E

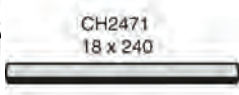
CH998  
15/19x160CH1798  
41x420CH1799  
14/17x630CH1800  
14 x 690CH1801  
13/17x190CH2507  
44X320CH3030  
15/18X260CH5616  
38 x 750**FALCON EB,ED. PHASE II FAIRLANE NA, NC LTD DA, DC 4.0 LITRE 2/92-1994**

Top Hose	CH1771	91DA8260BA
Bottom Hose	CH1788	ED8286B
Hose - Heater to Pipe (MPEFI)	CH1626	EA18472G:ED18472G
Hose - Water Valve to Heater (MPEFI)	CH1627	EA18472H:ED18472H
Hose- Radiator to Header Tank	CH2248	EC8A365A
Heater Hose Tap to Pipe	CH4195	V890075S480A
Hose Pack contains: CH1771, CH1788, CH1626, CH1627, CH2248	CHVP18	

CH1626  
19x380CH1627  
19x270CH1771  
36x433CH1788\*  
41/45x510CH2248  
25x645CH4195  
19 x 480**FALCON EF-EL FAIRLANE NF,NL LTD DF,DL 1994-98**

4.0 litre 6 Cyl

Top Hose	CH1944	EF8260A
Bottom Hose	CH1945	EF8286B
Heater Hose <i>with end fitting</i>	CH1946	EF18C266A
Heater Hose <i>less end fitting</i>	CH1963	EF18472A
Heater Hose	CH1627	EA18472H
Recovery Tank to Radiator Hose	CH2160	EF8A365A
Heater Hose Tap to Pipe	CH2471	V890120S240A
Hose Pack CH1944, CH1945, CH1946, CH1627, CH2471	CHVP11	

CH1627  
19x270CH1944  
35x385CH1945  
37x440CH1946  
19x490CH1963  
19x475CH2160  
25x560CH2471  
18 x 240

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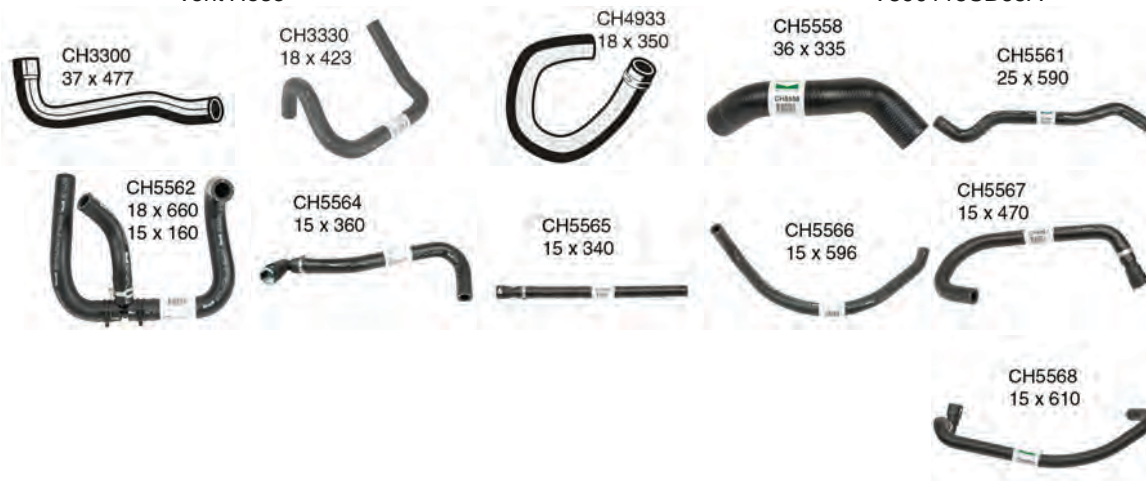
Make Model	Description	Mackay #	O.E.M #
<b>FALCON EF-EL FAIRLANE NF,NL LTD DF,DL 1994-98</b>			
<b>5 litre V8</b>			
	Top Hose	CH5616	EC8060B1MC,EC8260A,EC8260A1
	Bottom Hose	CH2154	EF8286C
	Lower Hose pipe to water pump	CH2153	EF8286A
	By Pass hose ( <i>Bottom</i> )	CH998	KM640A
	By Pass hose ( <i>Top</i> ) Water pump to Manifold	CH3030	E7AZ18472E



## FALCON / FAIRLANE FG 2008-2013

### 4.0 litre 6 Cyl Barra 195

Top Hose	CH5558	8R2Z8260AC
Bottom Hose	CH3300	BA8286A,BA8286AMC
ByPass Hose Auto Trans Cooler to Block( <i>Coolant Hose</i> ) Non Turbo	CH5564	BG7890A
ByPass Hose Pipe to Auto Trans Cooler( <i>Coolant Hose</i> ) Non Turbo	CH5565	8R2Z7890BB
ByPass Hose <i>E-Gas/ECO LPG &amp; Petrol Turbo Engine Oil Cooler to Auto Trans Cooler (Coolant Hose)</i>	CH5566	BG6B851A
ByPass Hose <i>E-Gas/ECO LPG &amp; Petrol Turbo Engine Oil Cooler (Coolant Hose)</i>	CH5567	BG6B850A
ByPass Hose <i>E-Gas/ECO LPG &amp; Petrol Turbo Engine Oil Cooler to Block Manual Trans (Coolant Hose)</i>	CH5568	BG6B851B
Expansion Tank Hose supply tank to radiator	CH5561	BG8A365A
Heater Hose	CH4933	8R2918472BA, BG18472B
Heater Hose <i>upper with T piece</i>	CH5562	8R2Z18472AC
Heater Hose <i>without "T" piece LPG</i>	CH3330	BA18472A,BA18472AMC
Vent Hose	HH10TWX2	V890115SB65A



### 5.4 Litre Boss 290 V8 & 5.0 Litre Boss 315

Top Hose	CH5559	BG8260B
Bottom Hose	CH5560	BG8286B
Heater Hose <i>Lower</i>	CH5563	BG18472C
Heater Hose	CH3302	BA18472D
Engine Oil Hose <i>Crank Case Ventilation</i>	CH5569	BG6853C
Supply Tank Hose (4 Valve)	CH3326	BA8A365B
Crankcase Vent Hose	CH3312	BA8C362D



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FORD

Make Model	Description	Mackay #	O.E.M #
<b>FALCON XA, XB 1972-76</b>			
<b>3.3 litre (6Cyl)</b>			
	Top Hose <i>Auto Trans.</i>	CH965	AKM5060
	Top Hose <i>Manual Trans.</i>	CH992	KM5194
	Bottom Hose <i>Auto Trans.</i>	CH966	AKM5070
	Bottom Hose <i>Manual Trans.</i>	CH993	KM5195
<b>4.1 litre (6Cyl) Falcon XA, XB Fairlane ZF, ZG</b>			
	Top Hose	CH965	AKM5060
	Top Hose <i>with A/C</i>	CH967	AKM5193
	Bottom Hose	CH966	AKM5070
	Bottom Hose <i>with A/C</i>	CH968	AKM5071
<b>4.9 litre (V8) Falcon XA, XB, Fairlane ZF, ZG, ZH</b>			
	Top Hose	CH969	AKM5072
	Bottom Hose	CH970	AKM5073
<b>5.8 litre 4V engine (V8)</b>			
	Top Hose <i>with A/C</i>	CH971	AKM5048
	Top Hose <i>without A/C</i>	CH969	AKM5072
	Bottom Hose <i>with A/C</i>	CH972	AKM5108
	Bottom Hose <i>without A/C</i>	CH970	AKM5073
<b>5.8 litre, 2V engine (V8)</b>			
	Top Hose	CH969	AKM5072
	Bottom Hose	CH970	AKM5073

**FALCON XC FAIRLANE ZH 1976-79**

<b>3.3 litre (6Cyl)</b>			
	Top Hose <i>without A/C</i>	CH1101	AKM5211
	Top Hose <i>with A/C</i>	CH1106	AKM5208
	Bottom Hose <i>Auto Trans.</i>	CH966	AKM5070
	Bottom Hose <i>Manual Trans.</i>	CH993	KM5195
	Heater Hose	CH1300	XC18472AD
<b>4.1 litre (6Cyl)</b>			
	Top Hose <i>without A/C</i>	CH1101	AKM5211
	Top Hose <i>with A/C</i>	CH1106	AKM5208
	Bottom Hose <i>without A/C</i>	CH966	AKM5070
	Bottom Hose <i>with A/C</i>	CH968	AKM5071
	Heater Hose	CH1300	XC18472AD
<b>4.9 litre (V8)</b>			
	Top Hose <i>with A/C</i>	CH1107	AKM5207
	Bottom Hose <i>with A/C</i>	CH972	AKM5108
	Bottom Hose <i>without A/C</i>	CH970	AKM5073
<b>5.8 litre (V8)</b>			
	Top Hose <i>with &amp; without A/C</i>	CH1107	AKM5207
	Bottom Hose <i>with &amp; without A/C</i>	CH970	AKM5073

**FALCON XD, XE 3.3 & 4.1 LITRE, FAIRLANE ZJ, ZK 4.1 LITRE 1979-84**

Top Hose <i>with A/C</i>	CH1385	AKM5349
Top Hose <i>without A/C</i>	CH1106	AKM5208
Bottom Hose	CH968	AKM5071
Heater Hose	CH1300	XC18472AD
Heater Hose intake manifold to cyl head <i>less EFI &amp; A/C 5/80-82</i>	CH1765	XD9W424A
Hose - "H" Piece To Stop Valve <i>EFI</i>	CH1670	XC18472F
Hose - Heater Core To "H" Block <i>EFI</i>	CH1669	XE184472B, XE18472D

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Make Model	Description	Mackay #	O.E.M #
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## **FALCON XD,XE 3.3 & 4.1 LITRE, FAIRLANE ZJ, ZK 4.1 LITRE 1979-84**



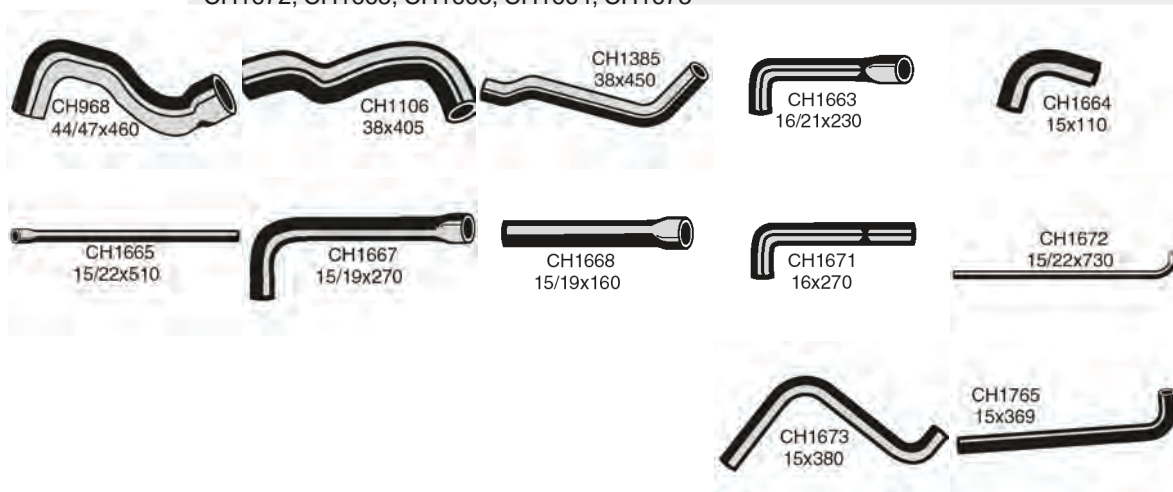
## **FALCON XD, XE, FAIRLANE ZJ, ZK LTD FC, FD 4.9 & 5.8 LITRE V8 1979-84**

Top Hose	CH1197	AKM5235
Bottom Hose	CH1198	AKM5233
Heater Hose - Engine to Water Valve <i>with A/C</i>	CH1666	XC18472E
Heater Hose <i>with A/C</i>	CH1300	XC18472AD



## **FALCON XF, FAIRLANE ZL, LTD FE UTE/VAN 3.3 & 4.1 LITRE 1984-88**

Top Hose - <i>with A/C</i>	CH1385	AKM5349:AKM5428
Top Hose - <i>without A/C UTE &amp; VAN 1984-7/93</i>	CH1106	AKM5208:AKM5424
Bottom Hose	CH968	AKM5071
Heater Hose- Heater to "T" piece, <i>to 1/88</i>	CH1671	XF18472H
Heater Hose - Front water Pump to "T" piece	CH1672	XF18472E
Heater Hose - water pump to "H" piece - <i>with E.F.I.</i>	CH1672	XF18472E
Heater Hose - cyl.head to adaptor - <i>with E.F.I.</i>	CH1665	XF18472A
Heater Hose- "H" piece to Stop valve - <i>with E.F.I.</i>	CH1663	XF18472B
Heater Hose - Stop Valve to heater - <i>with E.F.I.</i>	CH1664	XF18472C
Heater Hose- Heater to adaptor - <i>with E.F.I.</i>	CH1673	XF18472D
Heater Hose intake manifold to cyl head <i>less EFI &amp; A/C</i>	CH1765	XD9W424A
Valve to Heater <i>Van &amp; UTE from 1/88</i>	CH1668	XFC18472A
Hose- Heater to "T" piece, <i>Van &amp; UTE from 1/88</i>	CH1667	XFC18472B
Hose Pack contains: CH1385, CH968, CH1671, CH1672, CH1665, CH1663, CH1664, CH1673		



## **FALCON XK, XL 1960-64**

Top Hose	CH482	KM5030
Bottom Hose	CH614	KM309



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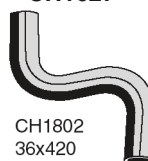
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FORD

Make Model	Description	Mackay #	O.E.M #
<b>FALCON XG 4.0 LITRE UTE &amp; VAN 7/93-1996</b>			
	Top Hose	CH1802	EDC8260A
	Bottom Hose	CH1803	EDC8286A, 92DA8286AA
	Heater Hose valve to heater	CH1627	EA18472H

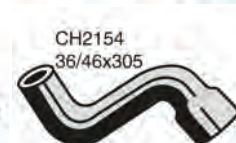
**FALCON XH UTE & VAN 1996-99**

4.0 litre 6 Cyl

Top Hose <i>XR6 Ute &amp; 3/4 Tonne</i>	CH1944	EF8260A
Top Hose <i>All less XR6 Ute</i>	CH2140	EHC8260A
Bottom Hose	CH1945	EF8286B
Hose - Heater to Pipe	CH1626	EA18472G:ED18472G
Hose - Water Valve to Heater	CH1627	EA18472H:ED18472H
Heater Hose to pipe1 return <i>XR6 Ute &amp; 3/4 Tonne</i>	CH1946	EF18C266A
Radiator supply Hose	CH2160	V901155750A
Radiator Supply Hose <i>to heater to pipe</i>	CH4171	EDC8A365A

XH 4.9 Litre V8

Bottom Hose	CH2154	EF8286C
Lower Hose pipe to water pump	CH2153	EF8286A

**FALCON XM, XP 1964-66**

Top Hose	CH613	KM239
Bottom Hose	CH614	KM309

**FALCON XR (FAIRLANE ZA)) 1966-67**

6Cyl

Top Hose	CH717	KM5009
Bottom Hose	CH718	KM5023

289 c.i.d (V8)

Top Hose	CH719	KM5008
Bottom Hose	CH720	KM5024
By Pass Hose	CH953	C20Z8597B

**FALCON XT, XW FAIRLANE ZB 1967-70**

(6Cyl)

Top Hose	CH717	KM5011
Bottom Hose	CH800	KM5015

302 c.i.d. (V8)

Top Hose	CH794	KM5068
Bottom Hose	CH720	KM5024

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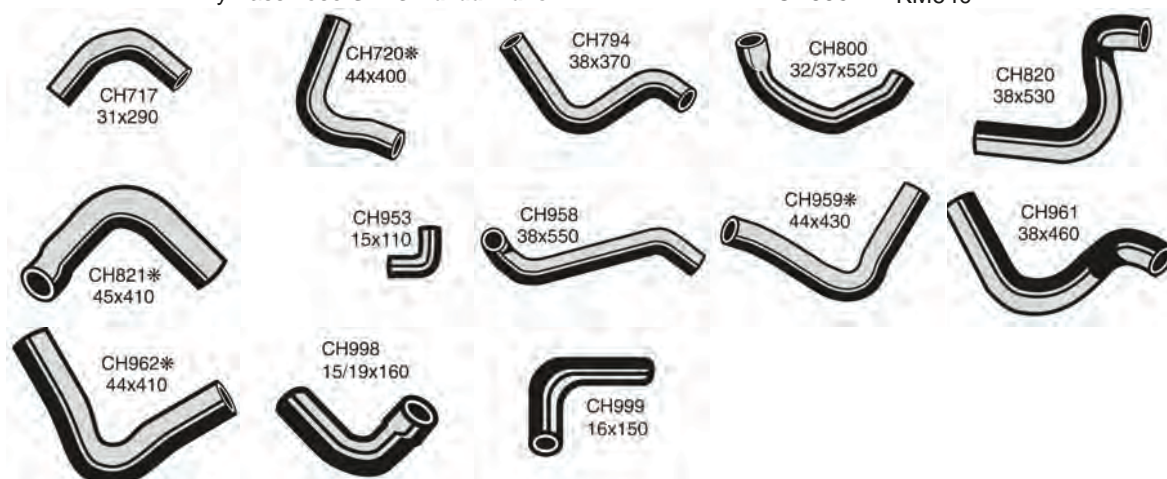
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Make Model	Description	Mackay #	O.E.M #
<b>FALCON XT, XW FAIRLANE ZB 1967-70</b>			
	By Pass Hose	<b>CH953</b>	C20Z8597B



<b>FALCON XW FAIRLANE ZC 1969-70</b>			
<b>(6 Cyl) 3.1, 3.6 Litre</b>			
	Top Hose	<b>CH717</b>	KM5011
	Bottom Hose	<b>CH800</b>	KM5015
<b>302 c.i.d. (V8)</b>			
	Top Hose <i>with A/C'</i>	<b>CH961</b>	KM5080
	Top Hose <i>without A/C'</i>	<b>CH794</b>	KM5068
	Bottom Hose	<b>CH720</b>	KM5024
	By Pass Hose	<b>CH953</b>	C20Z8597B
<b>302 c.i.d. (V8) Cleveland Eng</b>			
	Top Hose	<b>CH794</b>	KM5068
	Bottom Hose	<b>CH962</b>	KM5086
	By Pass Hose	<b>CH998</b>	KM640
<b>351 c.i.d (V8) Windsor Eng</b>			
	Top Hose	<b>CH820</b>	KM5082
	Bottom Hose	<b>CH821</b>	KM5087
	By Pass Hose	<b>CH999</b>	C90Z8597A
<b>351 c.i.d. (V8) Cleveland Eng</b>			
	Top Hose	<b>CH958</b>	KM5079
	Bottom Hose	<b>CH959</b>	KM5088
	By Pass Hose ( <i>except GT HO Manual Trans</i> )	<b>CH999</b>	C90Z8597A
	By Pass hose <i>GTHO Manual Trans.</i>	<b>CH998</b>	KM640



<b>FALCON XY FAIRLANE ZD 1970-72</b>			
<b>200 c.i.d. (6Cyl)</b>			
	Top Hose	<b>CH919</b>	KM5083
	Bottom Hose	<b>CH920</b>	KM5089
<b>250 c.i.d. (6Cyl)</b>			
	Top Hose	<b>CH921</b>	AKM5084
	Bottom Hose	<b>CH966</b>	AKM5070
<b>302 c.i.d. (V8)</b>			
	Top Hose <i>with A/C'</i>	<b>CH961</b>	KM5080
	Top Hose <i>without A/C'</i>	<b>CH794</b>	KM5068
	Bottom Hose	<b>CH924</b>	KM5091
	By Pass Hose <i>without A/C'</i>	<b>CH998</b>	KM640
<b>351c.i.d. (V8)</b>			
	Top Hose	<b>CH958</b>	KM5079
	Bottom Hose	<b>CH959</b>	KM5088



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FORD

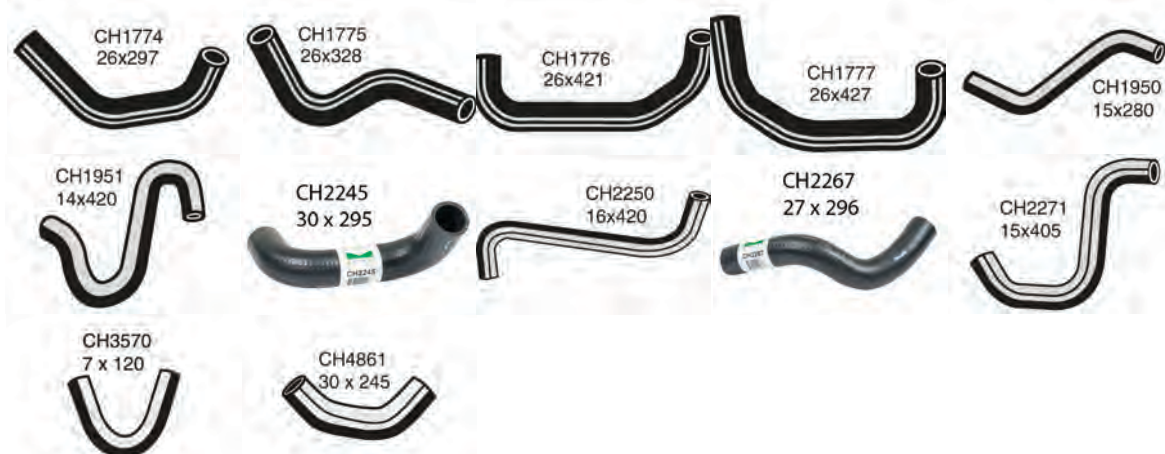
Make Model	Description	Mackay #	O.E.M #
<b>FALCON XY FAIRLANE ZD 1970-72</b>			


**FESTIVA**
**WA & WB 1.3 Litre 1991-96**

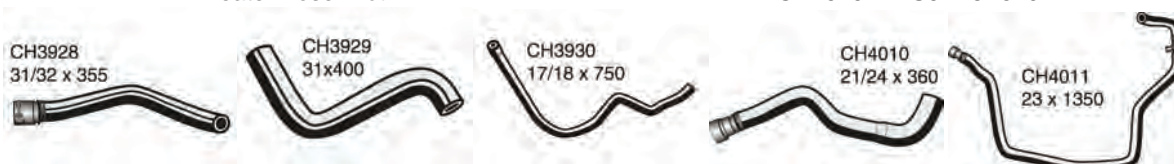
Top Hose (Auto Trans)	CH1774	MB30215186
Top Hose (Man Trans)	CH1775	MB30115186
Bottom Hose (Auto Trans)	CH1776	MB30115185A
Bottom Hose (Man Trans)	CH1777	MB30215185A
Heater Hose	CH1950	KKYO161211B
Heater Hose	CH1951	KKYO161212A

**WD 1.3 & 1.5 litre 1997-ON**

Top Hose	CH2267	MB3C715186
Bottom Hose	CH2245	MB3C715185
Bottom Hose (suits KIA Motor)	CH4861	KK38815185A
No1 Heater Hose	CH2250	MDX5061211
Heater Hose No 2	CH2271	MDX5061212
By Pass Hose	CH3570	KKY0115261


**FIESTA WP 1.6 LITRE 2004-12/05**

Top Hose	CH3928	2S6H8B274AF
Bottom Hose	CH3929	2S6H8B273AC
Heater Hose Header Tank to T Piece	CH3930	2S6H8K276CA
Heater Hose Outlet	CH4011	2S6H18D359AAA
Heater Hose Inlet	CH4010	2S6H18K579AA


**FIESTA WQ 1.6 LITRE 2006 -ON**

Top Hose	CH4758	2S6H8B274AG
Bottom Hose	CH3929	2S6H8B273AC
Heater Hose Outlet	CH4011	2S6H18D359AAA
Heater Hose Inlet	CH4010	2S6H18K579AA


**FOCUS LR 1.6 , 1.8 & 2.0 LITRE 01/2000-04/2005**

Top Hose	CH3348	98AB8B274BF
Bottom Hose	CH3368	98AB8B273BJ
Heater Hose	CH3351	98AB18K359BH
Heater Hose	CH3349	98AB18K579BG

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Make Model	Description	Mackay #	O.E.M #
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## **Focus LR 1.6 , 1.8 & 2.0 LITRE 01/2000-04/2005**

Heater Hose

**CH3350** 98AB8A506BF



## **Focus LS, LT, LV 2.0 LITRE HE ENGINE 05/05-06/11**

Top Hose

**CH5522** 3M5H8260EK

Bottom Hose

**CH5523** 3M5H8286DH

ByPass Hose *Hose Under Manifold*

**CH5524** 4M5G8A582FA



## **Focus XR5 Turbo LS-LT 2.5 LITRE B5254T ENGINE 04/06-5/08**

Top Hose

**CH4983** 6M5Y8260AB

Bottom Hose

**CH4932** 6M5Y8286AB

ByPass Hose *header tank to pipe*

**CH4941** 3M5H8271EF



## **KA TA, TB 1.3 LITRE BL 13WFI 11/99-2003**

Heater Hose *Outlet*

**CH5307** 97KB18K359AH



## **LASER KA (TA, TB SERIES) 1.3 LITRE BL 13 1999-2003**

Top Hose

**CH5306** 97KB8B274AF

ByPass Hose

**CH5337** XS518B273BCA

ByPass Hose

**CH5336** XS518B273BCB

Expansion Tank Hose

**CH5308** 97KB8K012AE



## **LASER KA, METEOR GA 1.3 LITRE & 1.5 LITRE 1981-82**

Top Hose

**CH1291** AKM5302

Bottom Hose

**CH1292** AKM5303

Heater Hose - Valve to Engine

**CH1841** B00161211

Heater Hose - Heater to Valve

**CH1842** B00161212

Heater Hose - Heater to Engine

**CH1843** B00161213A

Heater Hose - Valve to Engine

**CH1844** B00161214A

By Pass Hose

**CH1840** E30115284, AKM5443



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\* Supplied with Coil Spring. All dimensions in millimetres

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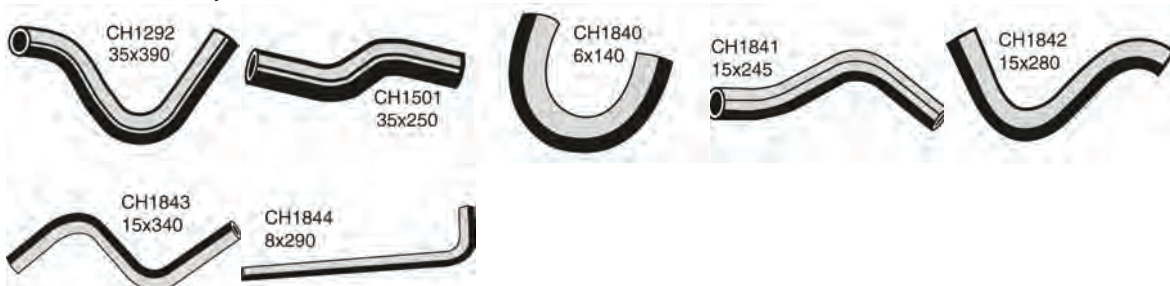
FORD

Make Model	Description	Mackay #	O.E.M #
<b>LASER KA, METEOR GA 1.3 LITRE &amp; 1.5 LITRE 1981-82</b>			



<b>LASER KB, METEOR GB 1.3 LITRE &amp; 1.5 LITRE 10/82-85</b>			
---	--	--	--

Top Hose	CH1501	AKM5358
Bottom Hose	CH1292	AKM5303
Heater Hose - No 1 Valve to Engine	CH1841	B00161211
Heater Hose - No 4 Valve to Engine	CH1844	B00161214A
Heater Hose - No 2 Heater to Valve	CH1842	B00161212
Heater Hose - No 3 Heater to Engine	CH1843	B00161213A
By Pass hose	CH1840	E30115284, AKM5443



<b>LASER KC, KE, METEOR GC 1.3 LITRE 1985-89</b>			
--	--	--	--

Top Hose	CH1501	AKM5366A
Bottom Hose	CH1532	AKM5367A
Heater Hose	CH1847	B09261212A
By Pass Hose	CH1840	E30115284, AKM5443
Heater Hose 85-10/87	CH1845	B09261211

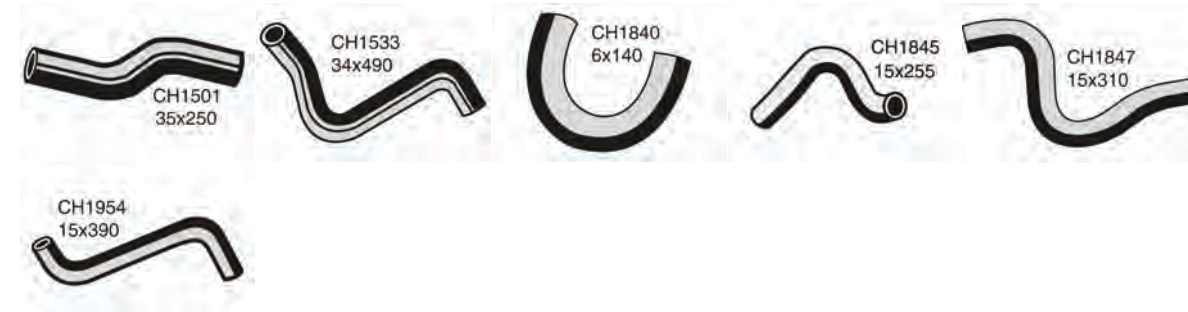


<b>LASER KC, KE, METEOR GC 1.6 LITRE E.F.I. Exc TURBO 1985-90</b>			
---	--	--	--

Top Hose	CH1501	AKM5366A
Bottom Hose	CH1533	AKM5368A
By Pass Hose	CH1840	E30115284, AKM5443
Heater Hose Engine to Heater To 10/87	CH1845	BF8161211A:BF6761211
Heater Hose Engine to Heater 10/87-90	CH1847	B09261212A
Hose Pack contains: CH1501, CH1533, CH1840, CH1847, CH1845	CHVP16	

<b>LASER KC, KE, TURBO 4WD 1985-90</b>			
--	--	--	--

Heater Hose	CH1847	B09261212A
Heater Hose Heater to Engine 10/87-89 KC, KE 1.6 litre 4WD Turbo	CH1954	B26061211B



<b>LASER 1.3 LITRE (B3) SOHC 1990-92 (NZ &amp; EXPORT)</b>			
--	--	--	--

Top Hose	CH1794	B36615786A
Bottom Hose	CH1795	B36615785A, AKM548

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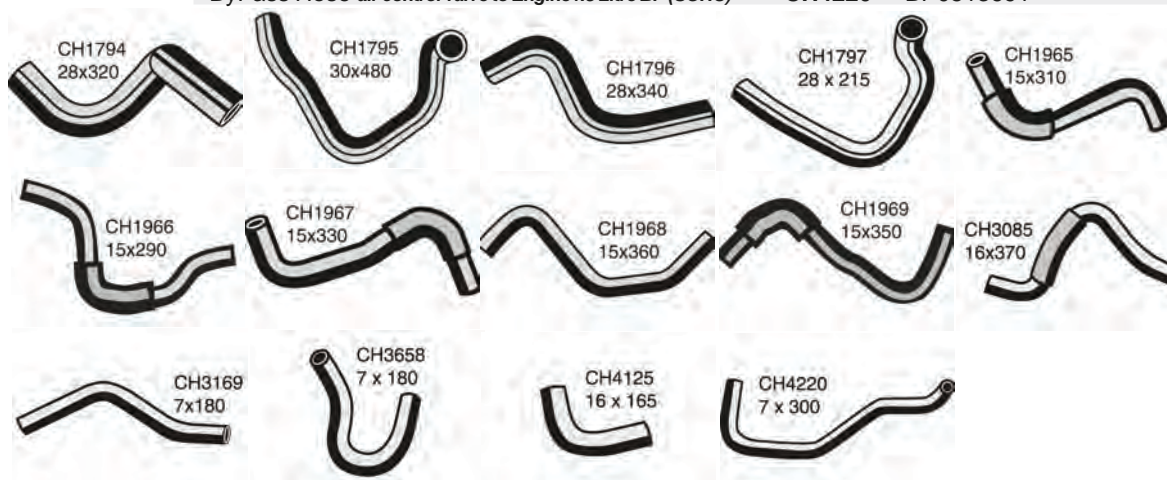
Make Model	Description	Mackay #	O.E.M #
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## LASER 1.3 LITRE (B3) SOHC 1990-92 (NZ & EXPORT)



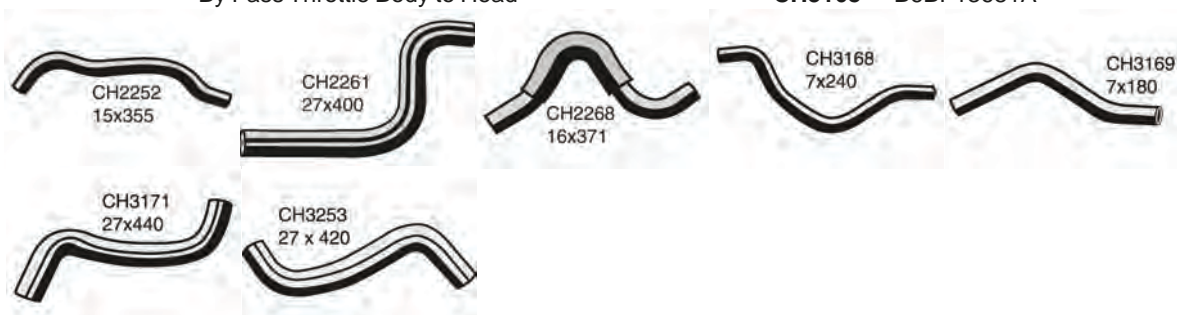
## LASER KF - KH 1990-94

Top Hose 1.6 litre&1.8 litre SOHC	CH1794	B36615786A
Top Hose 1.8 litre DOHC Turbo	CH1796	B65715786A
Bottom Hose 1.6 & 1.8 litre less Turbo	CH1795	B36615785A, AKM548
Bottom Hose 1.8 Litre DOHC Turbo	CH1797	BP2615185
Heater Hose less end fitting 1.6 litre L & GL	CH1968	B4556124X
Heater hose to engine less fitting	CH3085	B4556127YB
Heater Hose No1 less end fitting 1.8 litre	CH1965	BR866124XA
Heater Hose No2 less end fitting 1.8 litre	CH1966	BR706124YA
Heater Hose less end fitting 4x2	CH1967	BR746124XA
Heater hose less end fitting 4x4	CH1969	B5306124X
ByPass Pipe to Throttle Body 1.8 Litre Engine	CH3169	B6BF13691
ByPass Pipe 1 to Thermostat 1.8 Litre (SOHC)	CH3658	BP0115261
ByPass Hose 1.8 Litre SOHC	CH4125	B54113692
ByPass Hose air control valve to Engine 1.8 Litre BP (SOHC)	CH4220	BP0513691



## LASER KJ SERIES 2 & 3 1.6 & 1.8 LITRE (B6, BP) ENGINES 1994-968

Top Hose	CH2261	B6BF15186B
Bottom Hose 1.6 Litre Engine	CH3253	B6BF15185A
Bottom Hose 1.8 Litre Engine	CH3171	BPD315185A
Heater Hose Inlet	CH2252	BC1M61211
No 2 Heater Hose	CH2268	B02H61212
By Pass Pipe to Throttle Body	CH3169	B6BF13691
By Pass Throttle Body to Head	CH3168	B6BF13681A



## LASER KL 1996-99

Top Hose	CH2261	B6BF15186B
Bottom Hose	CH2244	B6BF15185
Water By Pass Hose	CH2251	B6BF5381B
Heater Hose inlet	CH2252	BC1M61211
No 2 Heater Hose	CH2268	B02H61212
By Pass Hose	CH2877	B6KP13681

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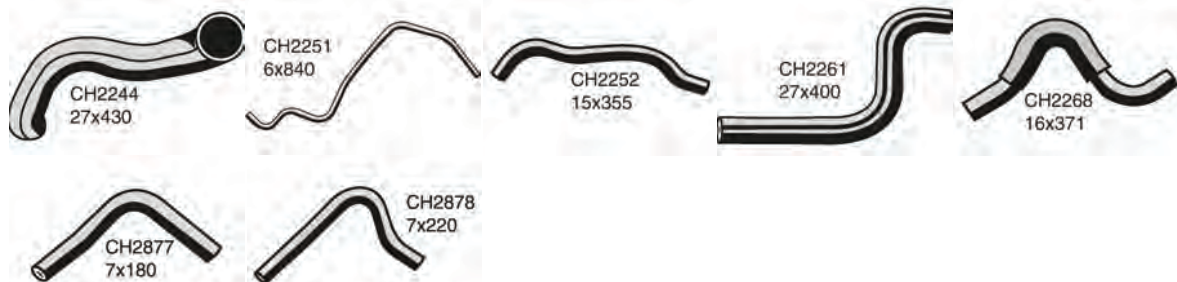
**FORD**

Make Model	Description	Mackay #	O.E.M #
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## LASER KL 1996-99

By Pass Hose

CH2878 B6KP13691



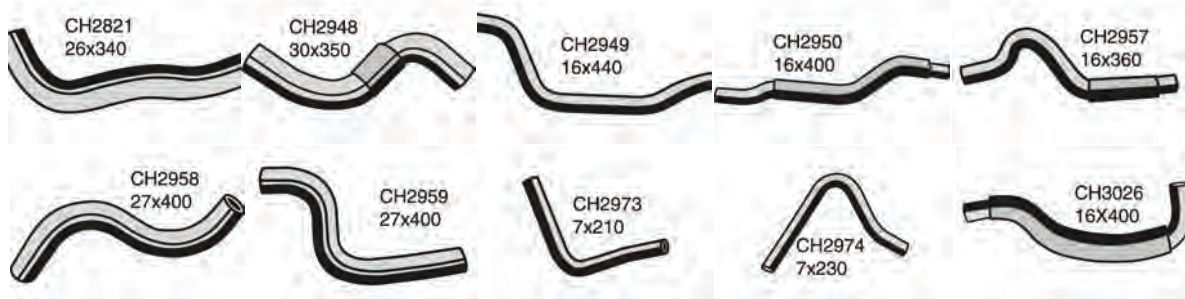
## LASER KN -KQ 1999-2002

### 1.6 Litre ZM Engine

Top Hose	CH2959	ZL0115186A
Bottom Hose	CH2958	ZL0115185A
Heater Hose No 1	CH2949	B25F61211A
Heater Hose No 2	CH2957	B25D61212A
Water By Pass Hose	CH2973	ZM0113681
Water By Pass Hose	CH2974	ZM0113691A

### 1.8 Litre ZP Engine

Top Hose	CH2948	FP4715186C
Bottom Hose	CH2821	FP4715185B
Heater Hose No1	CH2950	B26K61211B
Heater Hose No 2	CH3026	B26K61212F



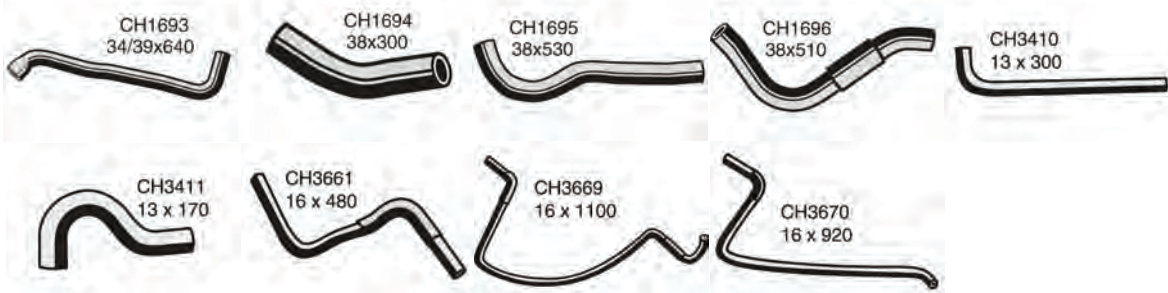
## MAVERICK 4X4 1988-94

### (TB42) 6 Cyl 4.2 Litre (Petrol)

Top Hose	CH1693	AKM5413,2150101J00
Bottom Hose	CH1694	AKM5416,2150301J00
Heater Hose <i>Heater to Engine</i>	CH3661	9241001J00
By Pass <i>Intake to Engine</i>	CH3410	1405503J00
By Pass <i>Thermostat to Engine</i>	CH3411	1405503J10

### (TD42) 6 Cyl 4.2 Litre (Diesel)

Top Hose	CH1695	AKM5414,2150106J00
Bottom Hose	CH1696	AKM5417,2150306J00
Heater Hose <i>Engine to Heater</i>	CH3669	9240006J00
Heater Hose <i>Heater to Engine</i>	CH3670	9241006J00



## MONDEO 2.0 LITRE 1995-99

Top Hose	CH2063	93BB8260AD
Heater Hose Inlet No 1	CH3637	97BB18D334BB

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Make Model	Description	Mackay #	O.E.M #
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## **MONDEO 2.0 LITRE 1995-99**



## **MONDEO HC 2.0 LITRE SD ENGINE 1996-98**

Heater Hose	CH3639	98BB18K582GA
Heater Hose <i>inlet no2</i>	CH3638	97BB18C553CC



## **MONDEO MA,MB 2.0 LITRE I4 16V DOHC CRD TURBO 10/2007-2010**

Heater Hose	CH5085	6G9118C266RB
ByPass Hose <i>pipe to manifold</i>	CH5088	3M5Q8A582AA



## **MUSTANG V8 1988-90**

Top Hose	CH3457	21159
Bottom Hose	CH3455	KM1896



## **MUSTANG 302 V8 1994-95**

Top Hose	CH3676	F4ZZ8260A
Bottom Hose	CH3461	KM2861



## **MUSTANG 4.6 LITRE 281 CI V8 1997-2000**

Top Hose	CH4602	F7ZZ8260BB
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## **MUSTANG 4.0 LITRE V6**

**2005-06**

Top Hose	CH4946	KM4824, 4R3Z8260AA
Bottom Hose	CH4943	KM4822, 4R3Z8286BA
Bottom Hose	CH4999	KM4895, 5R3Z8286AA

**2007-08**

Top Hose	CH4945	KM4907, 7R3Z8260BA
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FORD

Make Model	Description	Mackay #	O.E.M #
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## MUSTANG 4.6 LITRE 1ZVFT85H 2005-06

Top Hose

CH4942 KM4825, 4R3Z8260BA



## MUSTANG 5.4 LITRE V8 2007-08

CH4944 KM4960, 7R3Z8260B



## PREFECT / ANGLIA 1953-60

Top Hose

CH250 100E5286



## RADIER 2.6 LITRE G6 ENG 11/1989-1996

Top Hose  
Bottom Hose  
By Pass Hose

CH2164 AKM5447, G6011518699  
CH2166 G60115185A  
CH3589 G60113691A

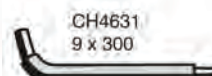
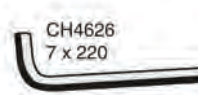


## RANGER PJ -PK 2007 -08/11

### 2.5 Litre (WLAT) Turbo Diesel & 3.0 Litre (WEAT) Turbo Diesel

Top Hose  
Bottom Hose  
Heater Hose No 2 (LHS) Core to Pipe  
Heater Hose No 1 (RHS) Core to Engine  
Heater Hose No 3 (LHS) Pipe to Thermostat Housing  
ByPass Hose Thermostat Housing to 3Way Fitting on Head  
ByPass Hose 3 Way Fitting on Head to EGR Cooler  
ByPass Hose Thermostat Housing to EGR Cooler  
ByPass Hose 3 Way Fitting on Head to Turbo Water Pipe  
ByPass Hose Temp sender to transfer pipe (cut to length)  
ByPass Hose Thermostat housing to Turbo Water Pipe (cut to length)

CH4628 WE0115186  
CH3372 WL8115185  
CH3383 UH8661212A  
CH4624 UA3F61211  
CH4630 UH8661213B  
CH4625 WL5115261C  
CH4631 WE0113690  
CH4629 WE0113680  
CH4626 WE0113546  
HH1592 WE0115262  
ZHB8 WE0113539



## SPECTRON 1.6 LITRE (PETROL) 1983-84

Top Hose  
Bottom Hose

CH1522 AKM5362  
CH1523 AKM5363

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Make Model	Description	Mackay #	O.E.M #
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## SPECTRON 1.6 LITRE (PETROL) 1983-84



## TAURUS (OHC)

1973-82	Top Hose	CH1143	1517422
1996-ON	Heater Hose	CH2152	F6DZ218472B



## TELSTAR, AR, AS 2.0 LITRE 1983-87

Top Hose	CH1457	AKM5356
Bottom Hose	CH1458	AKM5355
Air Cleaner Vent Hose <i>less turbo</i>	CH2106	F80113342A
Heater Hose Engine to Heater	CH1860	G3061211
Heater Hose Heater to Engine	CH1861	G03061212A
By Pass Hose Pipe 1 to Carburettor 1983-1/86	CH2104	FE0115104A
By Pass Hose Pipe 1 to Carburettor 1/86-1987	CH2173	FE0515104B
By Pass Hose <i>cut to size</i>	ZHB8	F8B115537



## TELSTAR AT 2.0 LITRE 1987-12/89

Top Hose	CH1733	AKM5395
Bottom Hose	CH1732	AKM5391
Heater Hose Heater to Engine	CH1862	G21161212E
Heater Hose Engine to Heater	CH1863	GK0461211C



## TELSTAR AT, AV 2.2 LITRE (F2) 1987-92

Top Hose Man Trans	CH1731	AKM5392
Top Hose Man Trans Turbo	CH1734	AKM5394
Top Hose Auto Trans	CH1735	AKM5393
Bottom Hose	CH1732	AKM5391
Heater Hose Heater to Engine 87-12/89	CH1862	G21161212E
Heater Hose Heater to Engine 12/89-92	CH1957	G23561212A
Heater Hose Engine to Heater 87-1/90	CH1961	G28261211C
Heater Hose Engine to Heater 1/90-92	CH1865	GK1061211A
By Pass Hose pipe1 to Engine	CH2849	F80115284B



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**FORD**

Make Model	Description	Mackay #	O.E.M #
<b>TELSTAR AT, AV 2.2 LITRE (F2) 1987-92</b>			



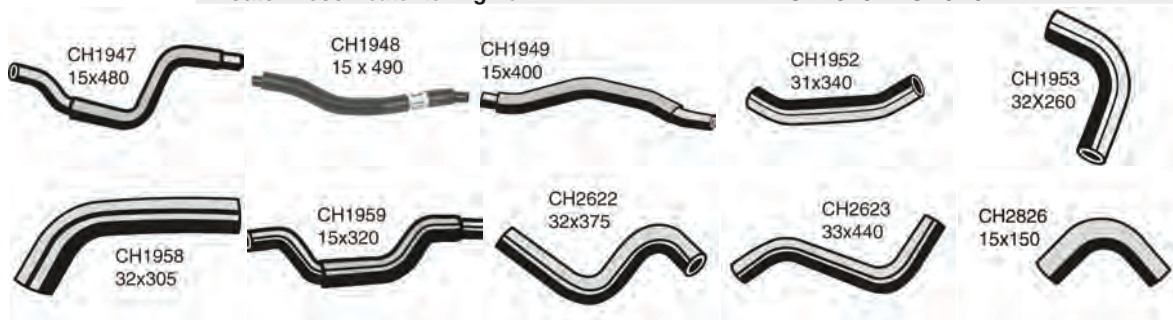
## TELSTAR AX, AY 1991-96

### 2.0 litre (4Cyl) FS (DOHC) ENGINE

Top Hose	CH2623	FS0515186
Bottom Hose	CH2622	FSM115185A99, FSD715185
Heater Hose <i>Engine to Heater</i>	CH1947	GA7N61211
Heater Hose <i>Heater to Engine</i>	CH1959	GA7N61212A
By Pass Hose <i>Pipe 1 to Water Outlet</i>	CH2826	FS0115288A

### 2.5 litre V6

Top Hose	CH1952	KL0515186
Bottom Hose	CH1958	KL0515185B
By Pass Hose <i>Lower</i>	CH1953	KL0515189A
Heater Hose <i>Engine to Heater</i>	CH1948	GA6B61211
Heater Hose <i>Heater to Engine</i>	CH1949	GA6B61212A



## TERRITORY SX 4.0 LITRE 6 CYL 2004-2005

Top Hose	CH3692	SX8260A
Bottom Hose	CH3691	SX8286A
Heater Hose # 1	CH3693	SX18472A
Heater Hose	CH3694	SX18472B
Supply Tank Hose	CH3304	BA8A365A



## TERRITORY SY 4.0 LITRE 6 CYL 10/2005-ON

Top Hose	CH3692	SX8260A
Bottom Hose	CH3691	SX8286A
Heater Hose # 1	CH3693	SX18472A
Heater Hose	CH3694	SX18472B
Oil Cooler Hose <i>Inlet 2005-on</i>	CH4530	SYH255A
Oil Cooler Hose <i>inlet (Turbo 2005-On)</i>	CH4531	SYT6B851A
Oil Cooler Hose <i>Outlet Turbo</i>	CH4532	SYT6B852A
ByPass Hose <i>turbo</i>	CH4533	SYT9H300A
Supply Tank Hose	CH3304	BA8A365A



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Make Model	Description	Mackay #	O.E.M #
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## THUNDERBIRD 3.9 LITRE V6 1992-95

Bottom Hose

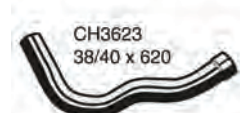
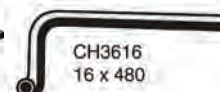
CH3454 F2SZ8286A



## TRADER 4.0 LITRE DIESEL 10/89-11/95

Top Hose  
Bottom Hose  
Heater Hose No 1  
Heater Hose No 2  
Heater Hose No 3  
Heater Hose No 4  
Heater Hose Short *cut to length*

CH3622 AKM5439  
CH3623 SL0115185A  
CH3597 W06561215  
CH3617 W06561212  
CH3598 W06561213  
CH3616 W06561214  
HH1592 WO2361211



## TRANSIT, V4 (PETROL) 1965-74

Top Hose  
Bottom Hose

CH828 EKM698,1494458  
CH829 EKM994



## TRANSIT 2.0 LITRE O.H.C. ECONOVAN 1.6 LITRE 1978-84

Top Hose  
Top Hose  
Bottom Hose

CH1143 72GB8260KA  
CH1522 AKM5362  
CH1523 AKM5363



## TRANSIT, 6 CYL. (PETROL)

1973-78

Top Hose  
Bottom Hose

CH1024 AKM5194  
CH1025 AKM5195

1978-81

Top Hose  
Bottom Hose

CH1229 AKM5225  
CH1230 AKM5226



## TRANSIT VE 2.5 LITRE DIESEL 1994-96

Heater Hose Inlet  
Heater Hose Outlet

CH3012 95VB18K579DF  
CH3013 95VB18K359CD

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Make Model	Description	Mackay #	O.E.M #
<b>TRANSIT VE 2.5 LITRE DIESEL 1994-96</b>			

**TRANSIT VF, VG 2.5 LITRE DIESEL 1994-2000**

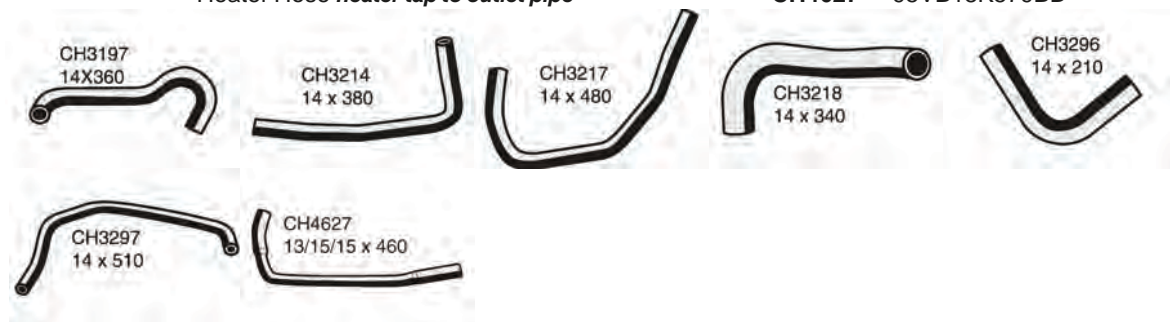
Top Hose

CH5183 95VB8B274CE

**TRANSIT VG 2.0 LITRE DOHC 16v ENGINE 1997-99**

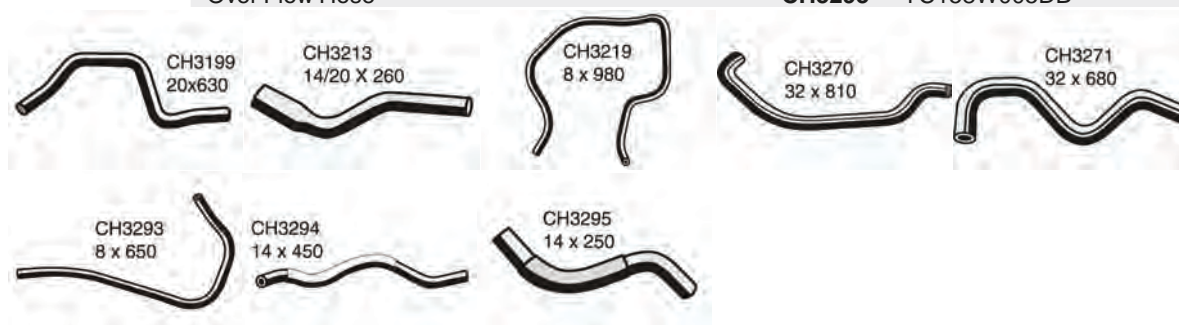
By Pass Hose  
 Heater Inlet Hose  
 Heater Outlet Hose  
 Heater Hose  
 Heater Hose  
 Heater Hose *with A/C*  
 Heater Hose *heater tap to outlet pipe*

CH3197 95VB8A567AB  
 CH3218 95VB8K507AC  
 CH3214 95VB18K359BE  
 CH3217 95VB18K345AF  
 CH3297 95VB18K344AD  
 CH3296 95VB18K344BC  
 CH4627 95VB18K579BD

**TRANSIT VH 2.4 LITRE DIESEL 2000-02**

Top Hose  
 Bottom Hose  
 Heater Hose  
 Heater Hose  
 Heater Hose  
 Heater Hose  
 Over Flow Hose

CH3270 YC158B274FD  
 CH3271 YC158B273DA  
 CH3219 YC158W005BD  
 CH3199 1C158C351BB  
 CH3213 YC1518K582BC  
 CH3295 YC1H18C266CC  
 CH3294 YC1518N345AD  
 CH3293 YC158W005DB

**WINDSTAR 3.0 LITRE V6 1995-98**

Top Hose

CH4601 F58Z8260A

**ZEPHYR 1956-62**

Bottom Hose

CH318 206.8286

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Make Model	Description	Mackay #	O.E.M #
<b>ZEPHYR 1956-62</b>			



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Make Model	Description	Mackay #	O.E.M #
<b>HILLMAN / SINGER / SUNBEAM / TALBOT</b>			

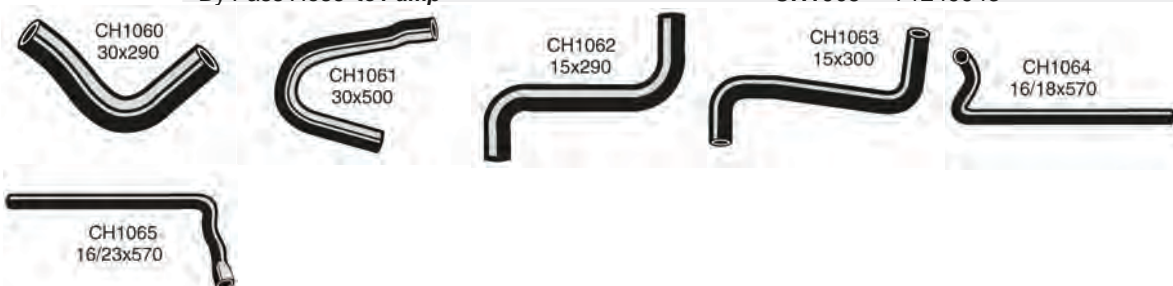
## AVENGER 1300, 1600 1973-81

Top Hose	CH1060	71245036
Bottom Hose	CH1061	71261562



## AVENGER 1250, 1500 1970-73

Top Hose	CH1060	71245036
Bottom Hose	CH1061	71261562
By Pass Hose <i>Upper</i>	CH1062	71249942
By Pass Hose <i>Lower to Heater</i>	CH1063	71249941
By Pass Hose <i>Cyl. Head to</i>	CH1064	71249940
By Pass Hose <i>to Pump</i>	CH1065	71249943



## HUNTER, MINX, HUMBER, SCEPTRE, SINGER GAZELLE, VOGUE, SUNBEAM ALPINE, RAPIER H120 AUTO

1966-79	Top Hose	CH1095	75221473
	Bottom Hose	CH1096	75221474



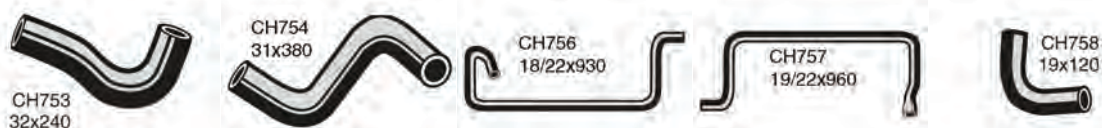
## HUMBER SCEPTRE Mk.1 1963-67

Bottom Hose	CH596	5220681
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## HUNTER AND ARROW HB, HC AND HE SERIES 1967-73

Top Hose	CH753	5221265
Bottom Hose	CH754	5221266
Heater Hose <i>Heater to Thermostat</i>	CH756	R1236666
Heater Hose <i>Heater to Water Pump</i>	CH757	R1236667
Heater Hose <i>Heater to Control Valve except HE Series</i>	CH758	5058033



## HUSKY SERIES 3,5

1963-67	Top Hose	CH595	5220810
	Bottom Hose	CH596	5220681

## SINGER VOGUE Mk. 2 AND 3 1963-67

Top Hose	CH595	5220724, 5220810
Bottom Hose	CH596	5220681

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\* Supplied with Coil Spring. All dimensions in millimetres

Make Model	Description	Mackay #	O.E.M #
<b>SUNBEAM ALPINE 1294, 1442, 1599CC 1963-67</b>			
	Top Hose <i>Single Choke Carby</i>	CH595	5220810
<b>SUNBEAM ALPINE SERIES 3, 4 RAPIER SERIES 4</b>			
1963-66	Top Hose	CH595	5220810, 5220724
	Bottom Hose	CH596	5220681
<b>SUPER MINX Mk. 2, 3</b>			
1963-66	Top Hose	CH595	5200810
	Bottom Hose	CH596	5200681



HILLMAN / SINGER / SUNBEAM / TALBOT

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Make Model	Description	Mackay #	O.E.M #
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## HOLDEN

### APOLLO

#### JK:JL 2.0 Litre 89-2/93

Top Hose	CH1736	1657103010
Bottom Hose	CH1620	1657203010
Heater Hose Inlet to Valve <i>less EFI (Moulded)</i>	CH1970	87245YB030
Heater Hose Inlet to Valve <i>with EFI (Straight)</i>	CH1971	87245YB050
Heater Hose Outlet	CH1615	87245YB020
Heater Hose Inlet Type E	CH1972	87245YB010

#### JM 4 cyl. 2/93-95

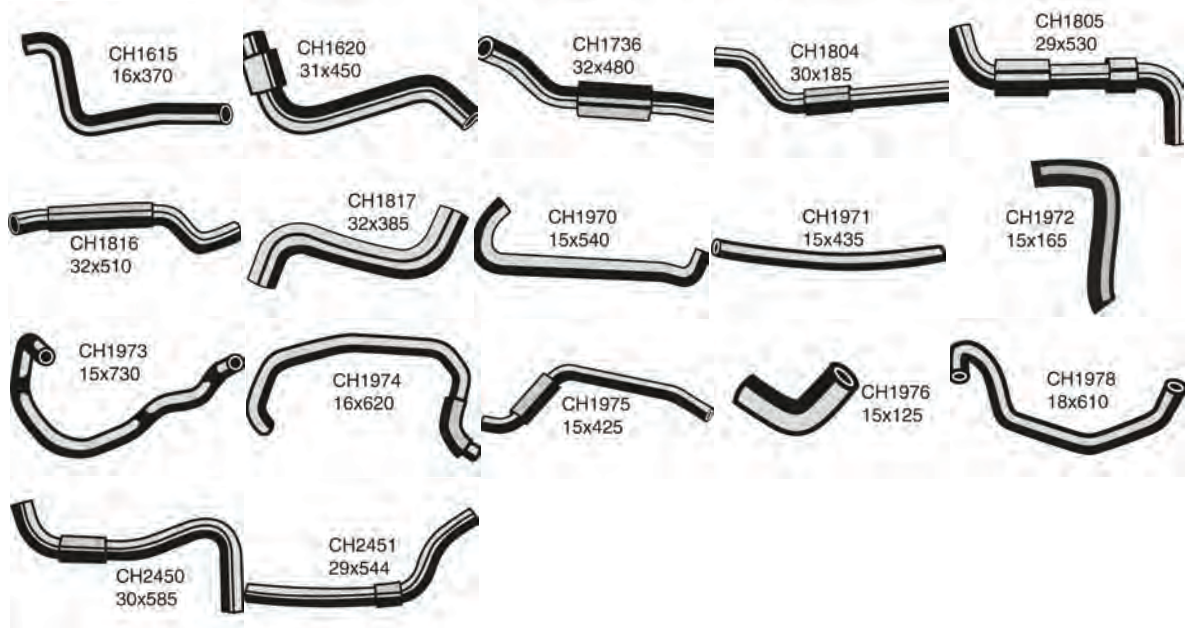
Top Hose	CH1804	1657174191,03040
Bottom Hose	CH1805	1657274180,1657274181
Heater Hose Outlet	CH1975	87245YC010
Heater Hose Tap To Heater <i>hose only</i>	CH1976	87250YC010
Heater Hose Inlet to Valve	CH1978	87245YC020

#### JM-JP V6 2/93-8/97

Top Hose	CH1816	1657107020
Bottom Hose	CH1817	1657207020
Heater Hose Inlet to Valve	CH1973	87245YC040
Heater Hose Outlet	CH1974	87245YC030
Heater Hose Tap To Heater <i>hose only</i>	CH1976	87250YC010

#### JP 4 cyl. 9/95-97

Top Hose	CH2451	1657103040
Bottom Hose	CH2450	1657203040
Heater Hose Outlet	CH1975	87245YC010
Heater Hose Tap To Heater <i>hose only</i>	CH1976	87250YC010
Heater Hose Tap To Heater <i>hose only</i>	CH1978	87245YC020



### ASTRA

#### AH 1.8 Litre Z18XE Engine 2004-08

Top Hose	CH4774	13118384
Bottom Hose	CH4775	13118385
ByPass Hose <i>water pump inlet</i>	CH4776	13143173
ByPass Hose <i>surge tank to radiator outlet</i>	CH4777	13128318
ByPass Hose <i>radiator to header tank</i>	CH4778	13160254



#### AH 1.8 Litre Z18XEr Engine 2007-09

Top Hose <i>Inlet</i>	CH4819	13118271
ByPass Hose <i>Throttle Body to Heater outlet</i>	CH4826	55562372
ByPass Hose <i>Radiator to headwer tank</i>	CH4778	13160254

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Make Model	Description	Mackay #	O.E.M #
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## ASTRA



### LB 1.5 Litre 1984-85

Top Hose (Auto Trans)	CH1550	21501V9800, VS19024
Top Hose (Manual trans)	CH1452	V21501V9801, VS19023
Bottom Hose	CH1490	21503V9800, VS19027
Heater Hose - Inlet	CH1547	92400V9800, VS19080
Heater Hose - Outlet to Pipe	CH1548	92412V9800, VS19081
Heater Hose - Outlet Pipe to Engine	CH1549	92413V9800, VS19082

### LC, 1.6 Litre 1986-87

Top Hose (Auto Trans)	CH1550	21501V9800, VS19024
Top Hose (Manual trans)	CH1452	V21501V9801, VS19023
Bottom Hose	CH1551	21503V9801, VS19028
Heater Hose - Inlet	CH1547	92400V9800, VS19080
Heater Hose - Outlet to Pipe	CH1548	92412V9800, VS19081
Heater Hose -Outlet Pipe to Engine	CH1549	92413V9800, VS19082



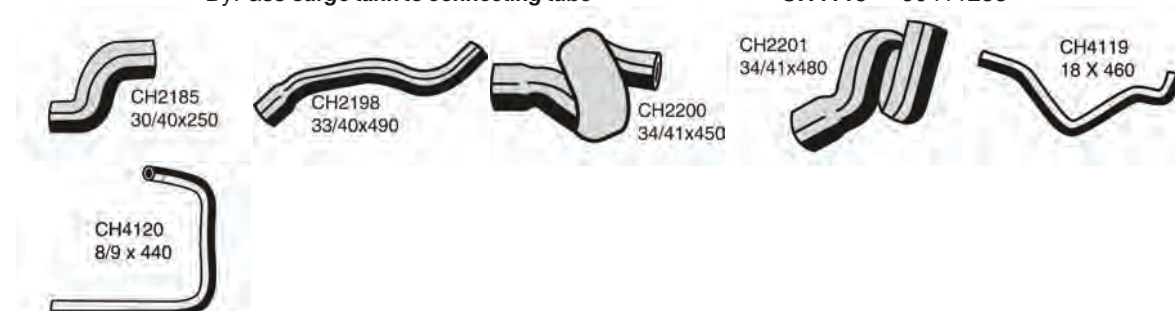
### LD 1.6, 1.8 Litre 1987-89

Top Hose	CH1697	2150167M03, VS19025
Bottom Hose	CH1698	21503J7500, VS19026
Heater Hose - Heater Outlet	CH1650	9241267M00
Heater Hose - Heater Inlet	CH1652	9240067M01
Bottom Hose - Pipe Assy to Water Pump	CH1429	92023281
Hose - Thermostat to Pipe (Lower)	CH1614	92033548, 90190025
ByPass Hose thermostat to inlet manifold 1.6 litre	CH4057	90122890



### TR 1.6 Litre C16SE Engine 1996-98

Top Hose With Air Conditioning	CH2200	90442393
Top Hose Without Air Con Up to Vin 8041366	CH2201	90442386
Bottom Hose	CH2198	90421906
ByPass Connecting pipe to W/P	CH2185	90354836
ByPass to throttle body	CH4120	90570013
ByPass surge tank to connecting tube	CH4119	90411253



### TR 1.8, 2.0 Litre 1996-98

Top Hose With Air Conditioning	CH2188	90444813
Top Hose With Out Air Conditioning	CH2186	90444812
Bottom Hose	CH2197	90512956

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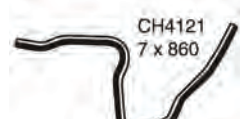
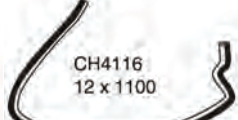
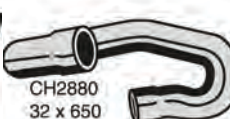
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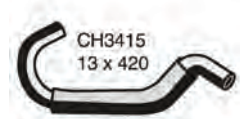
Make Model	Description	Mackay #	O.E.M #
<b>ASTRA</b>			
	Connecting Pipe to Water Pump 1.8 Litre C18SEL	CH2187	90295122,90530796, 1337463
	ByPass Hose 1.8 Litre C18SEL	CH4118	90570062
	ByPass Hose radiator to surge tank 1.6 litre C16SE	CH4116	90448053, 1337141
	Breather Hose 2.0 Litre X20XE	CH4572	90412281
<b>TS 1.8 Litre X18E &amp; Z18XE Engines 1998-04</b>			
	Top Hose	CH2880	90531665
	Bottom Hose	CH2881	90531666
	ByPass Hose Thermostat to Surge tank (Z18XE Engine)	CH4121	90158676
	Top Hose From VIN Y5138251	CH4115	24413977, 1337563
	Top Hose From VIN Y5200374	CH4114	13119306, 1337665

CH2186  
33x300

**BARINA**
**MB/ML 1.3 Litre 1985-89**

Top Hose	CH1507	1785282601
Bottom Hose	CH1508	1785482602, 1785482601
Heater Hose - Heater Inlet	CH1656	1787182601
Heater Hose - Heater Outlet	CH1657	1787282600


**MF/MH 1.3 Litre 1989-94**

Top Hose	CH1739	1785263B00
Bottom Hose Rad To Water Intake Pipe M/Trans.	CH1740	1785463B00
Bottom Hose Intake Pipe Connector M/Trans.	CH1741	1785563B00
Bottom Hose Rad To Water Intake Pipe A/Trans	CH1742	1785463B10
Bottom Hose Intake Pipe Connector A/Trans.	CH1743	1875563B20, 1785563B21
Heater Hose Inlet (MF)	CH3416	1787163B01
Heater Hose Inlet (MH)	CH3415	1787163E11
Heater Hose Outlet	CH3418	1787263B12


**SB & Combo 1994-2001**

Top Hose 1.2,litre T4257028-on 522mm Wide Rad Core	CH2183	90444463
Top Hose 1.2, Litre 680mm Wide Rad Core	CH2181	90444464
Top Hose 1.6 Litre	CH2180	90444475
Bottom Hose Rad to Pipe 1.2,1.6 Litre	CH2179	90444477
Bottom Hose Pipe to Water Pump	CH2185	90354836
Heater Hose Engine to Heater 1.2 Litre	CH2647	90448308
Heater Hose Outlet 1.2 Litre	CH2646	90448312
Heater Hose Inlet 1.2 Litre	CH2499	90530395
Heater Hose 1.2 Litre	CH2491	90530397
Surge Tank to Connecting Tube	CH3417	90410069

**SB & Combo 1.4Litre 1994-2001**

Top Hose T4257028-on 522mm Wide Rad Core	CH2183	90444463
Top Hose 680mm Wide Rad Core	CH2181	90444464

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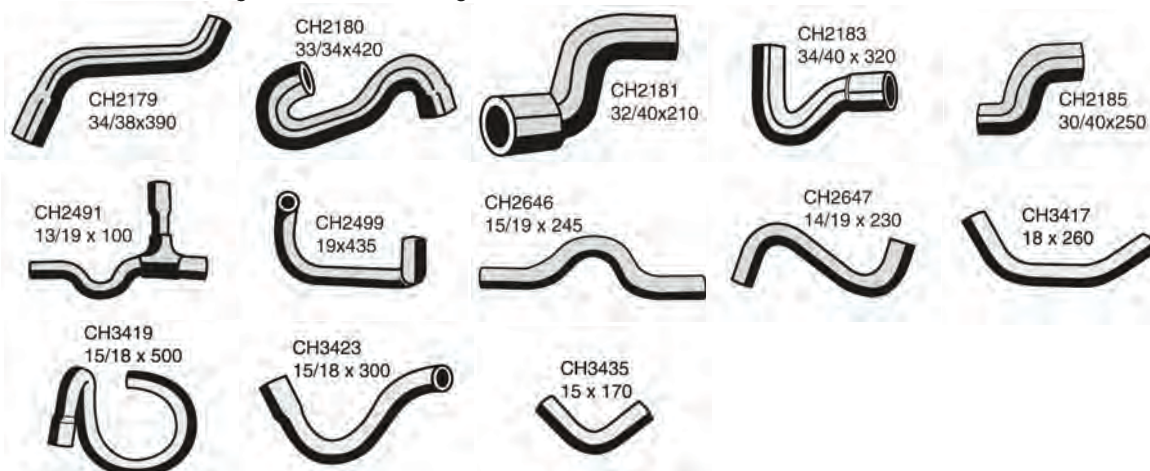
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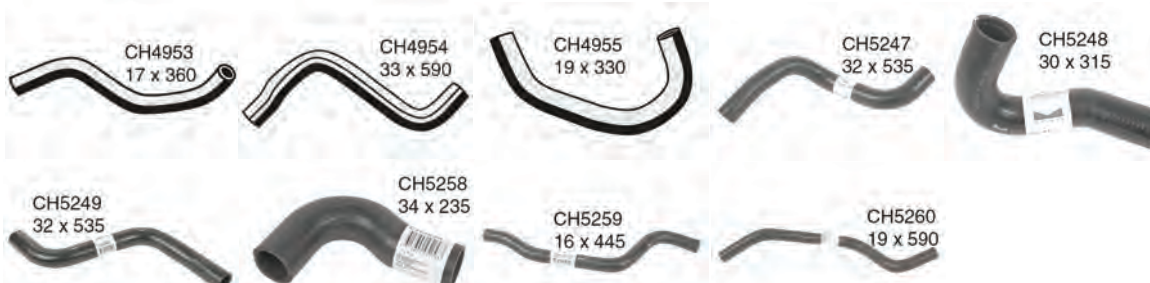


Make Model	Description	Mackay #	O.E.M #
<b>BARINA</b>			
	Bottom Hose Rad to Pipe	CH2179	90444477
	Bottom Hose Pipe to Water Pump	CH2185	90354836
	Heater Hose Valve to Heater	CH3435	VS21321
	Heater Hose Engine to Heater	CH2647	90448308
	Heater Hose Valve to Engine	CH3419	VS21322
	Heater Hose Valve to Heater	CH3423	VS21323
	Heater Hose Outlet	CH2646	90448312
	Surge Tank to Connecting Tube	CH3417	90410069



## TK 1.6 Litre F16D ENGINE 2/2006-2011

Top Hose <i>upto</i> Vin 8B999999	CH5258	96536532
Top Hose <i>from</i> Vin 9B000001	CH5248	96807000
Bottom Hose <i>Manual To</i> Vin 8B999999	CH5247	96536613
Bottom Hose <i>Auto To</i> Vin 8B999999	CH4954	96536598
Bottom Hose <i>Auto &amp; Manual from</i> Vin 9B000001	CH5249	96808000
Heater Hose <i>inlet</i>	CH5259	96190649
Heater Hose <i>outlet</i>	CH5260	96256460, 96240692
ByPass Hose <i>manifold</i>	CH4955	96536640
Expansion Tank Hose <i>surge tank to pipe</i>	CH4953	96536531



## XC 1.4 Litre C/Z14XE Engine 2001-05

Top Hose	CH4168	09128755, 1337601
Bottom Hose	CH4169	09128764, 1336243
ByPass Hose	CH4925	09128757
ByPass Hose	CH5031	09129128, 838219
ByPass Hose	CH5028	09128763

## XC 1.4 Litre Z14XEP Engine 2001-05

Top Hose	CH4170	09128354, 1337573
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## CAMIRA JB 1.6 LITRE HIGH COMPRESSION ENGINES WITH EXHAUST EMISSIONS CONTROL (ALL AUST MODELS) 1982-84

Top Hose <i>Manual Trans.</i>	CH1426	92019070
Top Hose <i>Auto Trans.</i>	CH1427	92016964
Bottom Hose-Radiator to Pipe	CH1428	92015712
Bottom Hose -Pipe Assy to Water Pump	CH1429	92023281

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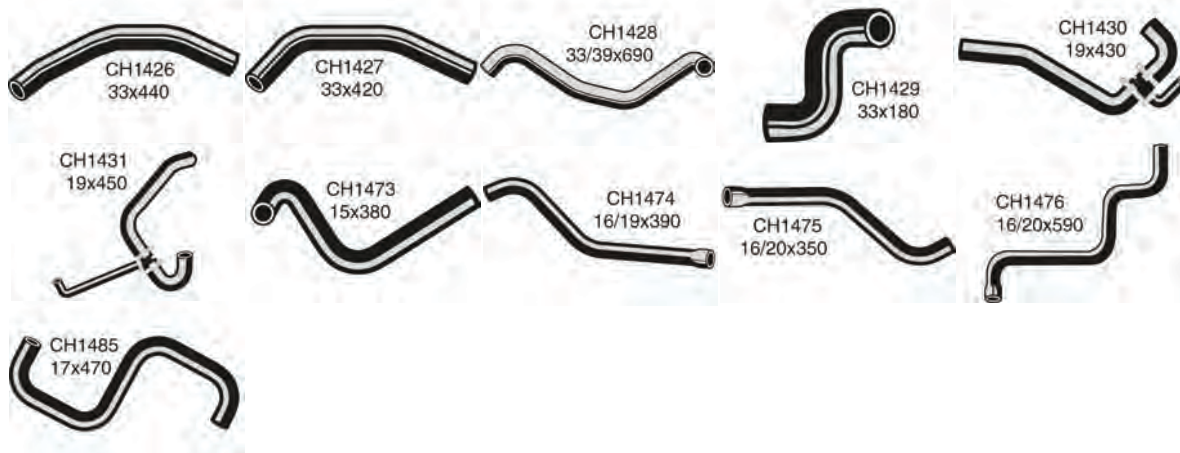
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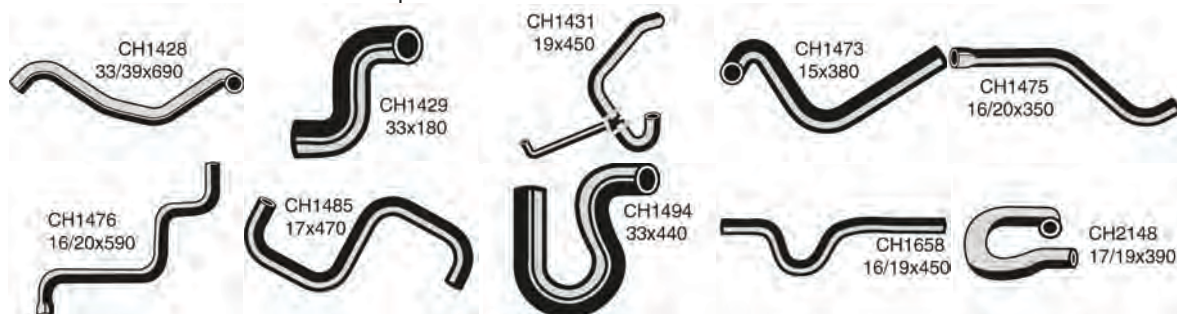
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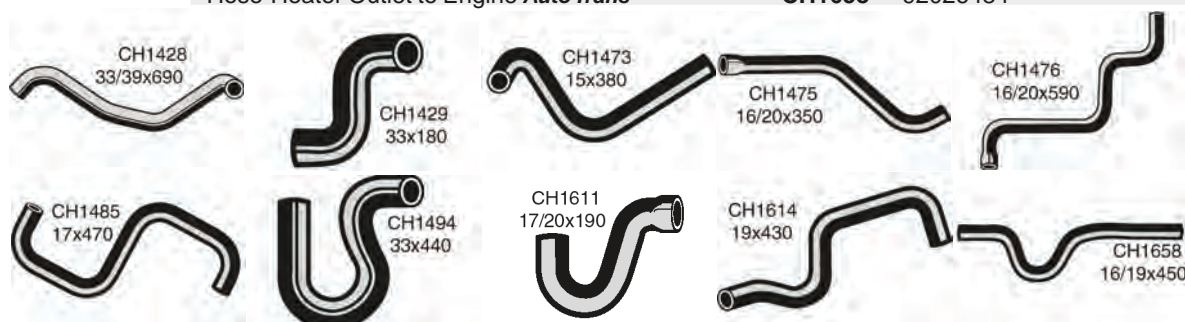
Make Model	Description	Mackay #	O.E.M #
<b>CAMIRA JB 1.6 LITRE HIGH COMPRESSION ENGINES WITH EXHAUST EMISSIONS CONTROL (ALL AUST MODELS) 1982-84</b>			
	Hose - Surge Tank to Water Pump	CH1485	92018042
	Hose - Water Valve to Heater Inlet	CH1473	92013201
	Hose-Heater Outlet to Engine Auto.	CH1474	92012344
	Hose-Heater Outlet to Engine Manual	CH1475	92019506
	Hose-Water Pump to Water Valve	CH1476	92012343
	Hose-Thermostat to Inlet Manifold and Carburettor	CH1431	92017062,92021190
	Hose-Inlet Manifold and Pipe to Carburettor	CH1430	92021189

**CAMIRA JD 1.6 LITRE HIGH COMPRESSION ENGINE (ALL AUST. MODELS) 1984-87**

Top Hose	CH1494	92024127
Bottom Hose-Radiator to Pipe	CH1428	92015712
Bottom Hose-Pipe Assy to Water Pump	CH1429	92023281
Hose-Surge Tank to Water Pipe	CH1485	92018042
Hose-Valve to Heater Inlet	CH1473	92013201
Hose-Inlet Manifold	CH2148	92023499
Hose-Heater Outlet to Engine Auto	CH1658	92026484
Hose-Heater Outlet to Engine Manual	CH1475	92019506
Hose-Thermostat to Inlet Manifold and Carburettor	CH1431	92021190
Hose - Water Pump to Water Valve	CH1476	92012343

**CAMIRA JD 1.8 LITRE FUEL INJECTED ENGINE (AUST. MODELS) 1984-87**

Top Hose	CH1494	92024127
Bottom Hose-Radiator to Pipe	CH1428	92015712
Bottom Hose-Pipe Assy to Water Pump	CH1429	92023281
Hose-Surge Tank to Water Pipe	CH1485	92018042
Hose-Valve to Heater Inlet	CH1473	92013201
Hose-Heater Outlet to Engine Manual	CH1475	92019506
Hose-Water Pump to Water Valve	CH1476	92012343
Hose -Thermostat housing to Inlet manifold <i>with single point E.F.I.</i>	CH1611	92023716
Hose-Thermostat Housing to Pipe ( <i>Lower</i> )	CH1614	90190025
Hose-Heater Outlet to Engine <i>Auto Trans</i>	CH1658	92026484



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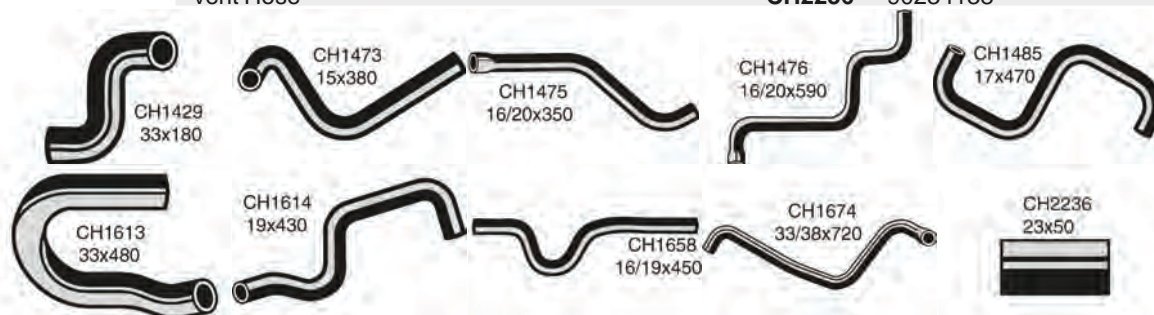
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Make Model	Description	Mackay #	O.E.M #
<b>CAMIRA JE 2.0 LITRE 1987-89</b>			
	Top Hose-Radiator to Thermostat Housing	CH1613	92033647
	Bottom Hose-Radiator to Pipe	CH1674	92028849, 92034985
	Bottom Hose -Pipe to Water Pump	CH1429	92023281
	Hose - Surge Tank to Water Pipe	CH1485	92018042
	Hose - Water Valve to Heater Inlet	CH1473	92013201
	Heater Outlet to Engine <i>Auto. Trans</i>	CH1658	92026484
	Heater Outlet to Engine <i>Manual Trans.</i>	CH1475	92019506
	Hose - Water Pump to Water Valve	CH1476	92012343
	Hose - Thermostat Housing to Pipe ( <i>Lower</i> )	CH1614	90190025
	Vent Hose	CH2236	90234138



## CAPTIVA CG SERIES CHASSIS CG26,CA26,CD26,CF26 2.0 LITRE Z20S1 03/07-01/11

Top Hose	CH5499	96838147
Bottom Hose	CH5498	96629082
ByPass Hose ( <i>water pump to pipe</i> )	CH5506	96629118
Heater Hose <i>inlet</i>	CH5505	96818909
Heater Hose <i>outlet</i>	CH5514	98629723



## CAPTIVA CG SERIES CHASSIS DF26, DD26 2.4 LITRE Z24SED ENGINE 12/09-01/11

Top Hose	CH5487	96629080
Bottom Hose <i>Radiator to pipe</i>	CH5488	96838149
Bottom Hose <i>Pipe to Water Pump</i>	CH5494	96817598
Heater Hose <i>Outlet</i>	CH5486	96629724
Heater Hose <i>Inlet</i>	CH5495	96629721



## CAPTIVA CG SERIES CHASSIS CD26 3.2 LITRE HM V6 ENGINE 10/06-2011

Top Hose	CH5489	96629081
Bottom Hose	CH5484	96629084
Heater Hose <i>Outlet</i>	CH5490	96629725
Heater Hose <i>Inlet</i>	CH5485	96629722



## COLORADO RC 2.4 LITRE Y24SE ENGINE 7/08-11/09

Top Hose	CH4697	97248428
Bottom Hose	CH4710	97248431
Heater Hose	CH4696	97264673
Heater Hose	CH4711	98002546
Heater Hose	CH4712	97264672
Heater Hose	CH4709	98002539



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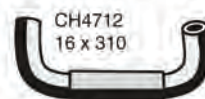
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Make Model	Description	Mackay #	O.E.M #
<b>COLORADO RC 2.4 LITRE Y24SE ENGINE 7/08-11/09</b>			


**COLORADO RC 3.0 LITRE TURBO DIESEL 4JJ1TC, TFS85, TFR85 2 & 4WD 7/08-11**

Top Hose	CH5214	8973636041
Bottom Hose	CH5215	8973636051
Heater Hose <i>inlet</i>	CH5217	8980071102
Heater Hose <i>outlet</i>	CH5218	8980071122
ByPass Hose	CH5511	8980318600
ByPass Hose <i>LHS pipe to engine</i>	CH5510	8980116300
ByPass Hose <i>Thermostat to turbo coolant pipe</i>	CH5512	8973695901
ByPass Hose	CH5513	8980116321


**COMBO XC 1.6 LITRE Z16SE 09/02-04/05**

Top Hose	CH5474	09226230
Bottom Hose <i>Pipe to Water Pump</i>	CH5507	90530731
ByPass Hose <i>Throttle Valve</i>	CH5475	24461898


**COMMODORE VB 1978-80**
**2.8, 3.3 Litre 6Cyl**

Top Hose <i>without A/C</i>	CH1171	92001132
Top Hose <i>with A/C</i>	CH1174	92001145
Bottom Hose	CH1173	92001131
By Pass Hose <i>W/Sankyo Compressor</i>	CH1170	92000281
By Pass Hose <i>W/Delco Compressor</i>	CH1129	9943170
Hose -Thermostat to Heater Inlet	CH1325	92014190
Heater to Water Pump <i>W/Sankyo Compressor</i>	CH1326	92014191
Heater Outlet to T/stat <i>W/Delco Compressor</i>	CH1172	92004459
Water Pump Cap 19mm (3/4")	BC19	7434745

**4.2, 5.0 Litre V8 1978-80**

Top Hose	CH1164	92001130
Bottom Hose	CH1165	92001129
By Pass Hose	CH1128	9941032
Heater Hose	CH1337	92011939
Water Pump Cap 19mm (3/4")	BC19	7434745



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Make Model	Description	Mackay #	O.E.M #
<b>COMMODORE VB 1978-80</b>			



<b>COMMODORE VC 1980-81</b>			
<b>1.9 Litre (without Pulsair)</b>			

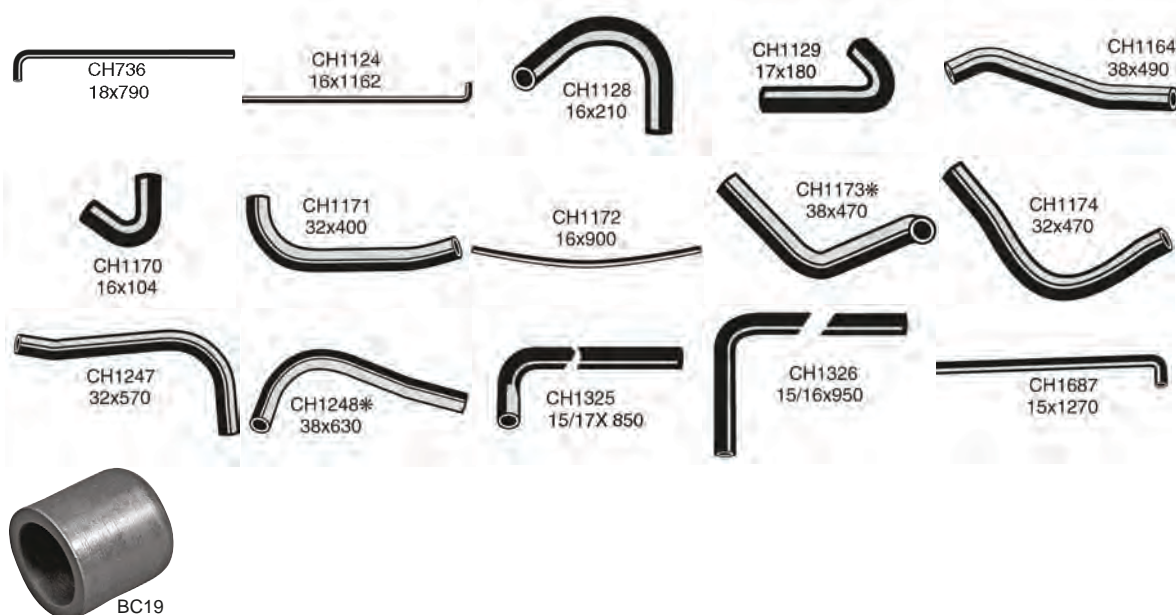
Top Hose	CH1247	92008479
Bottom Hose	CH1248	92009334
Hose -Thermostat to Heater Inlet	CH736	92000167
Hose -Heater Outlet to Water Pump	CH1124	9939723
Hose - Heater By Pass	CH1170	92000281
Water Pump Cap 19mm (3/4")	BC19	7434745

## 2.8, 3.3 Litre 6Cyl

Top Hose <i>without A/C</i>	CH1171	92001132
Top Hose <i>with A/C</i>	CH1174	92001145
Bottom Hose	CH1173	92001131
By Pass Hose <i>W/Delco Compressor</i>	CH1129	9943170
By Pass Hose <i>W/Sankyo Compressor</i>	CH1170	92000281
Hose - Thermostat to Heater	CH1325	92014190
Heater to Water Pump <i>W/Sankyo Compressor</i>	CH1326	92014191
Heater Outlet to T/stat <i>W/Delco Compressor</i>	CH1172	92004459
Water Pump Cap 19mm (3/4")	BC19	7434745

## 4.2, 5.0 Litre V8

Top Hose	CH1164	92001130
Bottom Hose	CH1165	92001129
By Pass Hose	CH1128	9941032
Hose -Heater Outlet to Water Pump	CH1687	92026765
Hose -Thermostat to Heater Inlet	CH1687	92026765
Water Pump Cap 19mm (3/4")	BC19	7434745



<b>COMMODORE VE - WM STATESMAN 2006-08/2010</b>			
<b>3.6 Litre V6 LEO,LW2.LY7 Engine</b>			

Top Hose <i>to 6/2009</i>	CH4130	92157812
Top Hose <i>from 7/2009</i>	CH5225	92204205
Bottom Hose	CH4131	92157814
Power Steering <i>Reservoir to Pump</i>	CH4126	92183963
Heater Hose <i>inlet</i>	CH4141	92171157
Heater Hose <i>inlet</i>	CH5202	92233975, 92233972
Heater Hose <i>Outlet</i>	CH5203	92233976, 92233973
ByPass Hose	CH4708	92157822

## 6.0 Litre V8 L98, LS2 Engine

Top Hose	CH4127	92157816
Bottom Hose	CH4128	92157818
Power Steering Hose <i>pump to reservoir</i>	CH4129	92174420

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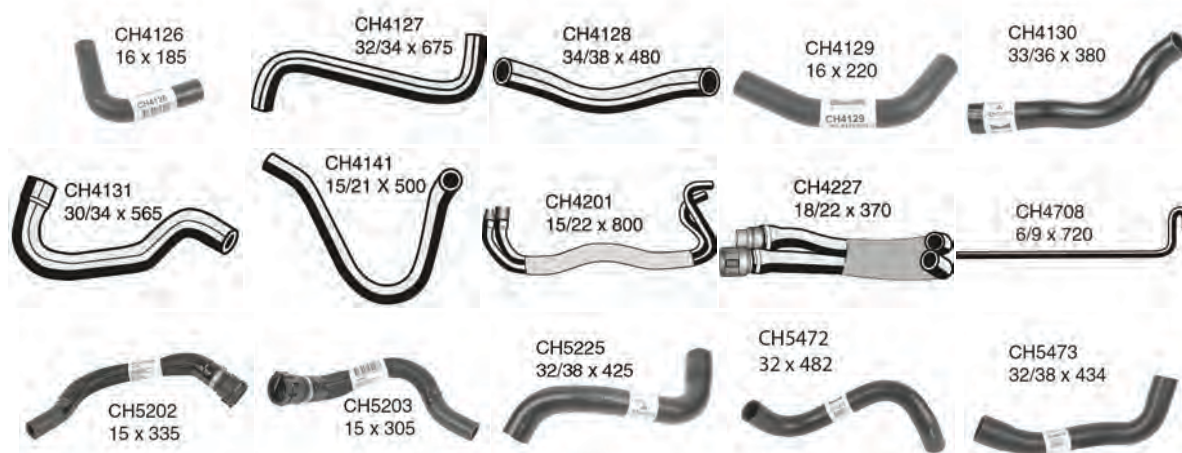
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HOLDEN

Make Model	Description	Mackay #	O.E.M #
<b>COMMODORE VE - WM STATESMAN 2006-08/2010</b>			
	Hose assembly <i>Inlet &amp; Outlet front</i>	CH4227	92184039, 92233978, 92233977
	Hose assembly <i>Inlet &amp; Outlet Rear</i>	CH4201	92184038, 92246806, 92233974
<b>6.0 Litre V8 L77 Engine 09/10-1/13</b>			
	Top Hose	CH5472	92215927
	Bottom Hose	CH5473	92225733

**COMMODORE VH 1981-84****1.9 Litre 4Cyl (with Pulsair)**

Top Hose	CH1313	92013846
Bottom Hose	CH1248	92009334
Hose - Thermostat to Heater Inlet	CH736	92000167
Hose - Heater By Pass	CH1170	92000281
Water Pump Cap 19mm (3/4")	BC19	7434745

**2.8, 3.3 Litre 6Cyl**

Top Hose 2.8 Litre	CH1314	92009800
Top Hose 3.3 Litre	CH1171	92001132
Bottom Hose	CH1173	92001131
Hose - Thermostat to Heater Inlet	CH1325	92014190
Hose - Heater to Water Pump	CH1326	92014191
Water Pump Cap 19mm (3/4")	BC19	7434745

**4.2, 5.0 Litre V8**

Top Hose	CH1164	92001130
Bottom Hose	CH1165	92001129
By Pass Hose	CH1128	9941032
Hose- Thermostat to Heater Inlet	CH1687	92026765
Hose- Heater Outlet to Water Pump	CH1687	92026765
Water Pump Cap 19mm (3/4")	BC19	7434745

**COMMODORE VK 1984-86****1.9 Litre 4Cyl (with Pulsair)**

Top Hose	CH1313	92013846
Bottom Hose	CH1248	92009334
Hose - Thermostat to Heater Inlet	CH736	92000167
Hose - Heater By Pass	CH1170	92000281
Water Pump Cap 19mm (3/4")	BC19	7434745

**2.8, 3.3 Litre 6Cyl**

Top Hose	CH1314	92009800
Bottom Hose	CH1173	92001131
Hose - Thermostat to Heater Inlet	CH1325	92014190
Hose - Heater to Water Pump	CH1326	92014191
Water Pump Cap 19mm (3/4")	BC19	7434745

**4.2, 5.0 Litre V8**

Top Hose	CH1164	92001130
Bottom Hose	CH1165	92001129
By Pass Hose	CH1128	9941032
Hose- Thermostat to Heater Inlet	CH1687	92026765
Hose- Heater Outlet to Water Pump	CH1687	92026765
Water Pump Cap 19mm (3/4")	BC19	7434745



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Make Model Description Mackay # O.E.M #

## COMMODORE VK 1984-86



## COMMODORE VL 1986-88

### 3.0 Litre (E.F.I)

Top Hose	CH1545	92023967,92034981
Bottom Hose	CH1546	9023968,92034982
Hose- Thermostat to Heater Inlet pipe	CH1964	92413B4801
Hose- Heater <b>2 required per Vehicle</b>	CH1977	92030179
Hose- Turbo 3 way Pipe to Engine	CH1964	92413B4801
By Pass Hose Pipe 2 to Pipe 3	CH3258	1405667S02
By Pass Hose Pipe 3 to Intake Manifold	CH3256	1405642L02
By Pass Hose <i>intake manifold to Throttle body W/O</i>	CH3257	1405667S00

### Turbo

Crankcase Breather Hose	CH3373	1152842L01
By Pass Hose <i>manifold to connector</i>	CH4132	14056B4800
Fuel Hose <i>tank to pump</i>	CH5147	92033068
Hose Pack contains: CH1545, CH1546, CH1964, CH1977, CH3258, CH3256	CHVP6	

### 5.0 Litre

Top Hose	CH1555	92029346,92034983
Bottom Hose	CH1556	92029536,92034984
Hose - Heater By Pass	CH1128	9941032
Hose - Thermostat to Heater Inlet	CH1687	92026765
Hose - Heater Outlet to water Pump	CH1687	92026765
Water Pump Cap <b>19mm (3/4")</b>	BC19	7434745



## COMMODORE VN , VQ STATESMAN, VG UTILITY 1988-91

### 3.8 Litre V6

Top Hose (1988-90)	CH1644	92034841
Top Hose <i>less ABS brakes(1991)</i>	CH1759	92040986
Top Hose <i>with ABS brakes(1991)</i>	CH1848	92046089
Bottom Hose	CH1643	92032574
By Pass Hose	CH1684	92060241
Hose - Engine Water Outlet Rear	CH1683	92032572
Hose - Heater By Pass	CH1645	92036187
Hose-Engine to Water Valve	CH1646	92036182
Hose - Water Valve to Heater Inlet	CH1647	92036183
Hose - Heater Outlet to Water Valve	CH1648	92036184
Hose - Water Valve to Engine	CH1649	92036185
Hose- Surge Tank to Heater Pipe	CH2219	92036106
Reservoir to Radiator Hose <b>1988-90</b>	CH3599	92036105
Reservoir to Engine Hose	CH3601	92037185
Reservoir to Radiator <b>1991</b>	CH3600	92041026
Hose Pack contains: CH1644, CH1643, CH1646, CH1647, CH1648, CH1649	CHVP7	

### 5.0 Litre V8

Top Hose	CH1747	92036016, 92039297
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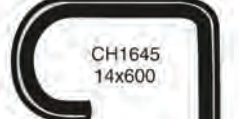








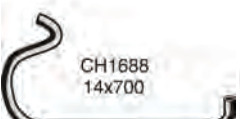
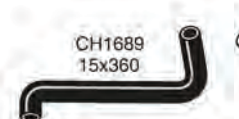

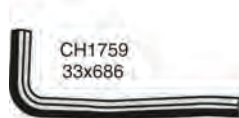




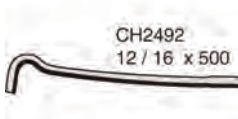



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Make Model	Description	Mackay #	O.E.M #
<b>COMMODORE VN , VQ STATESMAN, VG UTILITY 1988-91</b>			
	Bottom Hose	CH1556	92034984
	Hose-Heater By Pass	CH1685	92060585
	Hose - Water Valve to Heater	CH1688	92032147
	Hose - Engine to Water Valve	CH1689	92035214
	Hose - Heater Outlet to W/Pump	CH1686	92032149
	Hose - Heater Outlet to Connector	CH2172	92037999
	Hose - Heater Connector to Pump	CH2171	92038000
	Hose- Crankcase Vent	CH2492	92060418
    			
    			
    			
    			
   			

**COMMODORE VP , VQ SERIES II, STATESMAN 1991-94****3.8 Litre V6**

Top Hose <i>less ABS brakes</i>	CH1759	92040986
Top Hose <i>with ABS brakes</i>	CH1848	92046089
Bottom Hose	CH1643	92032574
Hose - Water Valve to Heater Inlet	CH1779	92041540, 92052480
Heater to Engine <i>VQ w/out ABS</i>	CH1780	92041511
Heater to Engine <i>VQ, VR with ABS</i>	CH2155	92045062
Hose - Water Valve to Engine	CH1781	92041539
By Pass Hose	CH1782	92060721
Pressure Regulator Hose	CH2199	92061161
Vacuum Servo Brake Hose	CH3139	92035670
Power Steering Return Hose	CH3140	92049817
Hose Pack contains: CH1759, CH1643, CH1779, CH1780, CH1781, CH1782	CHVP15	

**5.0 Litre V8**

Top Hose	CH1747	92036016, 92039297
Bottom Hose	CH1556	92034984
Heater Hose By Pass	CH1685	92060585
Hose - Water Valve to Heater	CH1688	92032147
Hose - Engine to Water Valve	CH1689	92035214
Heater Hose Outlet to W/Pump	CH1686	92032149
Heater Hose Outlet to connector	CH2172	92037999
Heater Hose	CH4947	92052780
Hose - Connector to W/Pump	CH2171	92038000
Hose- Crankcase Vent	CH2492	92060418
Power Steering Hose ( <i>cut to Length</i> )	TPH802	92045778



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Make Model	Description	Mackay #	O.E.M #
<b>COMMODORE VP , VQ SERIES II, STATESMAN 1991-94</b>			

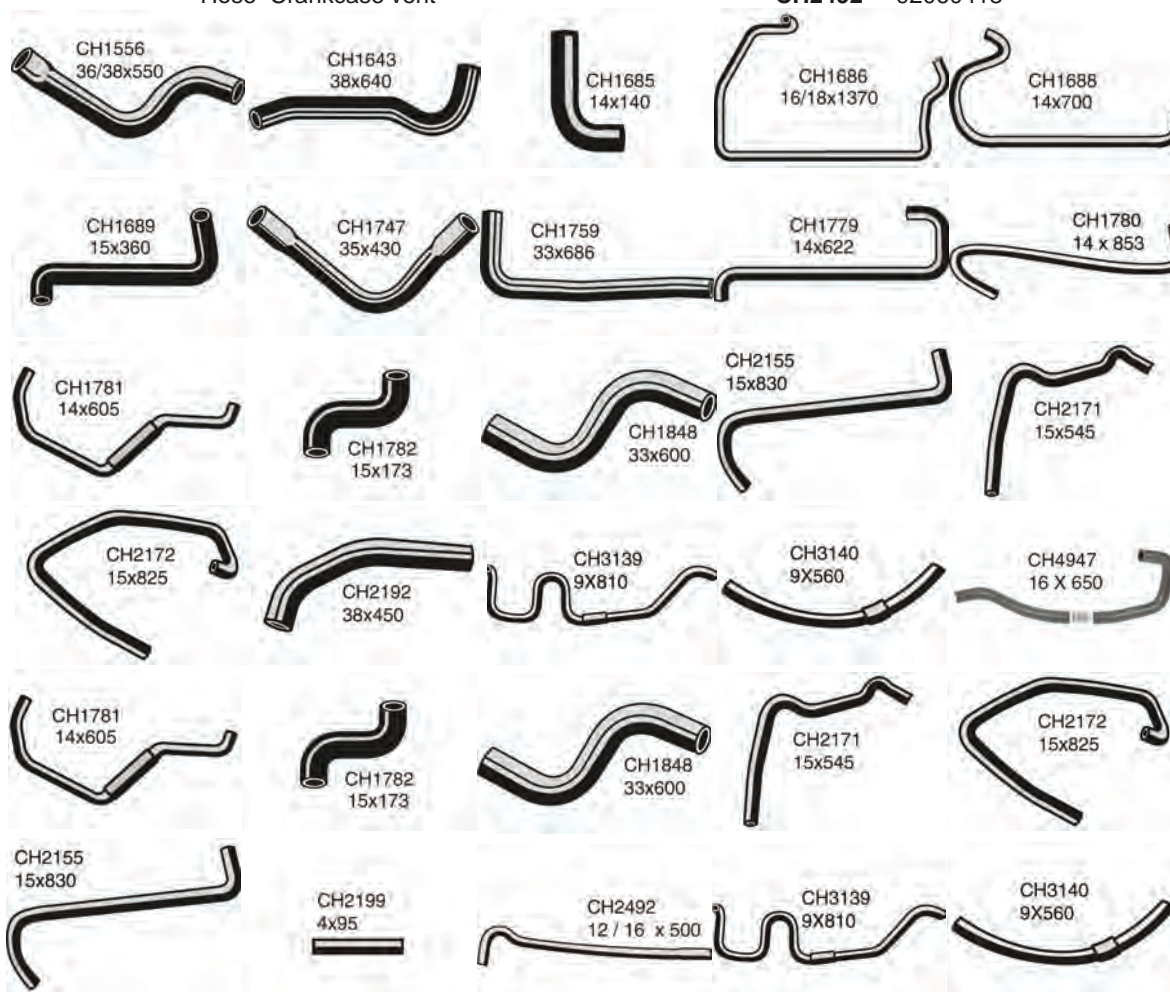


**COMMODORE VR , VQ SERIES II STATESMAN 1994-95**  
**3.8 Litre V6**

Top Hose <i>less ABS brakes</i>	<b>CH1759</b>	92040986
Top Hose <i>with ABS brakes</i>	<b>CH1848</b>	92046089
Bottom Hose	<b>CH1643</b>	92032574
Hose- Water Valve to Heater Inlet	<b>CH1779</b>	92041540, 92052780
Heater to Engine <i>VQ w/out ABS</i>	<b>CH1780</b>	92041511
Heater to Engine <i>VQ with ABS</i>	<b>CH2155</b>	92045062
Heater to Engine <i>VR</i>	<b>CH2155</b>	92045062
Hose- Water Valve to Engine	<b>CH1781</b>	92041539
Heater Hose	<b>CH4947</b>	92052780
By Pass Hose	<b>CH1782</b>	92060721
Pressure Regulator Hose	<b>CH2199</b>	92061161
Power Steering Hose ( <i>cut to Length</i> )	<b>TPH802</b>	92045778
Vacuum Servo Brake Hose	<b>CH3139</b>	92035670
Power Steering Return Hose	<b>CH3140</b>	92049817

**5.0 Litre**

Top Hose	<b>CH1747</b>	92036016, 92039297
Bottom Hose	<b>CH1556</b>	92034984
Hose-Heater By Pass	<b>CH1685</b>	92060585
Hose - Water Valve to Heater	<b>CH1688</b>	92032147
Hose - Heater Outlet to W/Pump	<b>CH1686</b>	92032149
Hose - Heater Outlet to connector	<b>CH2172</b>	92037999
Hose - Connector to W/Pump	<b>CH2171</b>	92038000
Hose-Engine to Water Valve	<b>CH1689</b>	92035214
Hose- Crankcase Vent	<b>CH2492</b>	92060418



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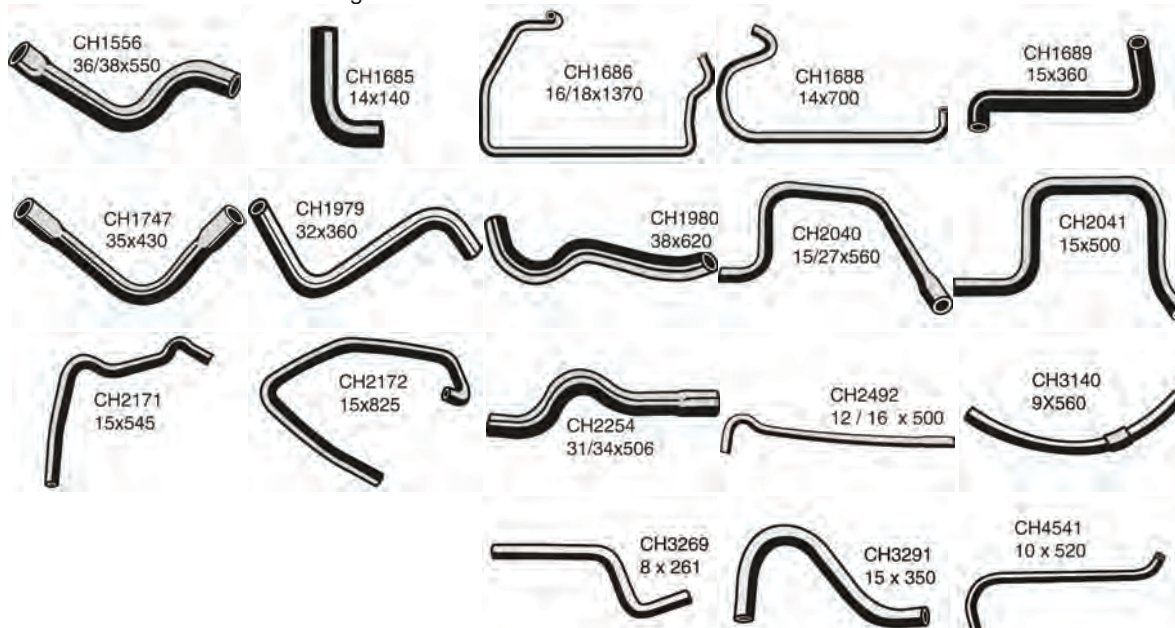
Make Model	Description	Mackay #	O.E.M #
<b>COMMODORE VR ,VQ SERIES II STATESMAN 1994-95</b>			

**COMMODORE VS ,VQ SERIES II STATESMAN 1995-97****3.8 Litre V6**

Top Hose	CH1979	92048595
Top Hose <i>Supercharged</i>	CH2254	92053082
Bottom Hose	CH1980	92048623
Hose - Water Valve to Engine Inlet	CH2040	92049273
Hose - Water Valve to Engine Outlet	CH2041	92049274
Hose - Heater to Water Valve <b>2 Hoses required per Vehicle and some models require 3 per Vehicle</b>	CH2042	92049275
ByPass Hose - Throttle Body to SC <i>Supercharged</i>	CH3269	92062853
By Pass <i>Thermostat to pipe Supercharged</i>	CH3061	92062855
Power Steering Hose <i>Res to Pump</i>	CH3291	92075417
Power Steering Hose <i>Return Reservoir to pipe</i>	CH4541	92050374
Hose Pack contains: CH1979, CH1980, CH2040, CH2041, CH2042,	CHVP8	

**5.0 Litre V8**

Top Hose	CH1747	92036016, 92039297
Bottom Hose	CH1556	92034984
Hose-Heater By Pass	CH1685	92060585
Hose - Water Valve to Heater	CH1688	92032147
Hose - Heater Outlet to Connector	CH1686	92032149
Hose - Heater Outlet to connector	CH2172	92037999
Hose - Connector to W/Pump	CH2171	92038000
Heater Hose-Engine to Water Valve	CH1689	92035214
Hose- Crankcase Vent	CH2492	92060418
Power Steering <i>Return Hose</i>	CH3140	92049817

**COMMODORE VT & WH STATESMAN 1997-00****3.8 Litre (L36) V6 12V OHV**

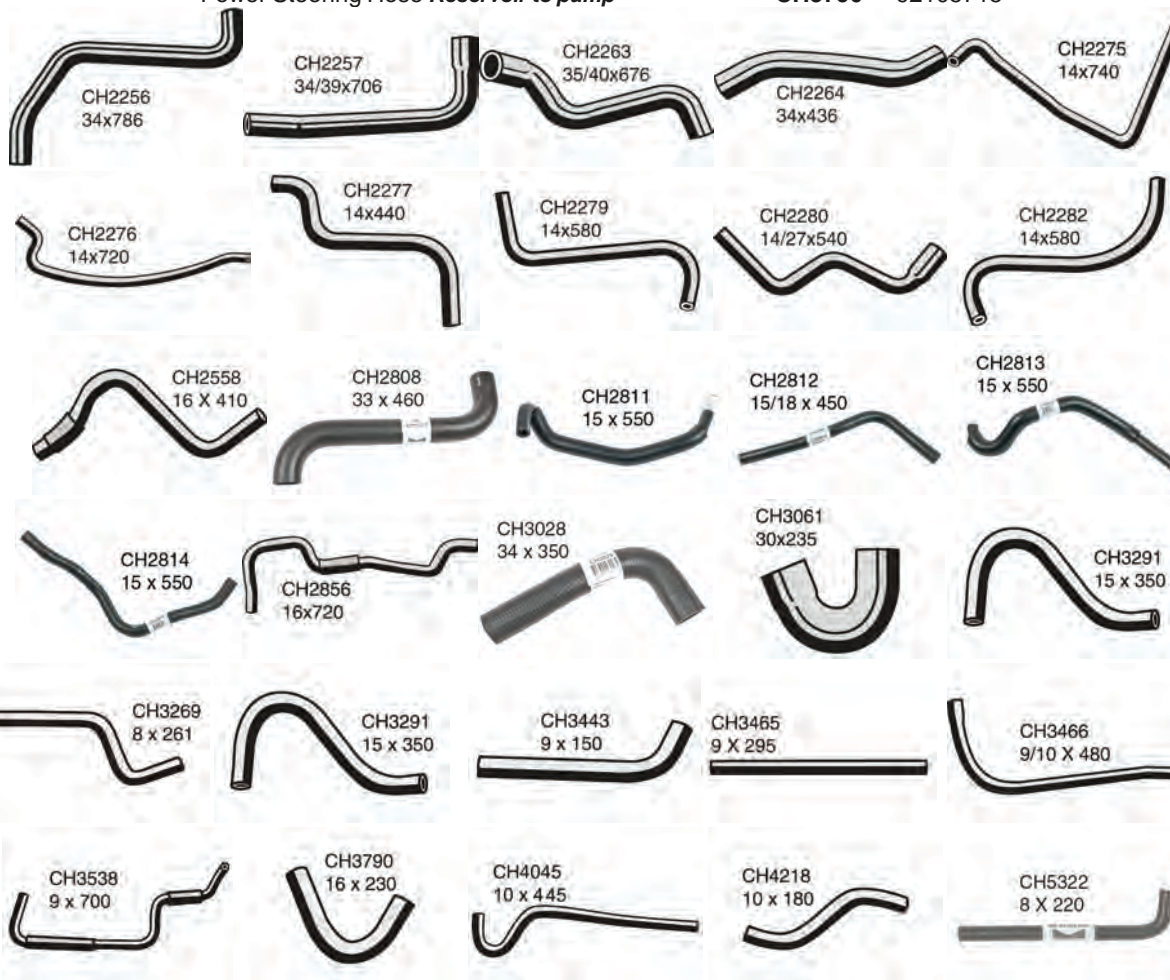
Top Hose	CH2256	92048362
Bottom Hose	CH2257	92048363
Heater Hose <i>Engine Outlet to Upper Heater Tap</i>	CH2277	92047816
Heater Hose <i>Lower Heater Tap to Engine Inlet</i>	CH2280	92047815
Heater Hose <i>Heater Tap to Heater Core Lower</i>	CH2279	92055987
Heater Hose <i>Heater Tap to Heater Core Upper</i>	CH2282	92047817
Power Steering <i>Reservoir to Pump</i>	CH3291	92075417
Power Steering <i>Return, Pipe to Reservoir</i>	CH4045	92050721
Vacuum Servo Brake Hose <i>Brake Booster to Inlet M'fold</i>	CH3538	92055523, 92056934
Vacuum Hose <i>Heater Tap to Vacuum Valve</i>	CH3314	92050925
PCV Hose <i>(Petrol Only) Inlet Manifold to Throttle Body</i>	CH3443	92062196
PCV Hose <i>(LPG Only) Inlet Manifold to Mixer</i>	CH5322	92057558
Hose Pack contains: CH2256, CH2257, CH2279, CH2282, CH2280, CH2277	CHVP3	

**3.8 Litre V6 Supercharged**

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\* Supplied with Coil Spring. All dimensions in millimetres

Make Model	Description	Mackay #	O.E.M #
<b>COMMODORE VT &amp; WH STATESMAN 1997-00</b>			
	Top Hose	CH2264	92056388
	Bottom Hose	CH2257	92048363
	ByPass Hose <i>Pipe to Thermostat Housing</i>	CH3061	92062855
	ByPass Hose <i>Throttle Body to Supercharger</i>	CH3269	92062853
	Heater Hose <i>Engine Outlet to Upper Heater Tap</i>	CH2277	92047816
	Heater Hose <i>Lower Heater Tap to Engine Inlet</i>	CH2280	92047815
	Heater Hose <i>Heater Tap to Heater Core Lower</i>	CH2279	92055987
	Heater Hose <i>Heater Tap to Heater Core Upper</i>	CH2282	92047817
	Power Steering <i>Reservoir to Pump</i>	CH3291	92075417
	Power Steering <i>Return, Pipe to Reservoir</i>	CH4045	92050721
	Vacuum Hose <i>Heater Tap to Vacuum Valve</i>	CH3314	92050925
	Vacuum Servo Brake Hose <i>Brake Booster to Inlet M'fold</i>	CH3538	92055523, 92056934
	PCV Hose <i>Inlet Manifold to Throttle Body</i>	CH3443	92062196
<b>5 Litre V8</b>			
	Top Hose	CH2258	92048361
	Bottom Hose	CH2263	92048360
	Heater Hose <i>Outlet to Connector</i>	CH2275	92050801
	Heater Hose <i>Tap to Heater</i>	CH2276	92050800
	Power Steering Hose <i>Return to 18/03/99</i>	CH3465	92075669
	Power Steering Hose <i>Return Outlet to Reservoir (trim to 950mm) From 18/03/99</i>	TPH1002	92057695
<b>5.7 Litre V8</b>			
	Top Hose	CH2808	92055623
	Bottom Hose <i>Pipe to Engine</i>	CH2956	92055621, 92089711
	Bottom Hose <i>Radiator to Pipe</i>	CH3028	92057860, 92104640
	Heater Hose <i>A Tap to Heater</i>	CH2811	92075151A
	Heater Hose <i>B Heater to Tap</i>	CH2813	92075151B
	Heater Hose <i>Tap To Engine Lower</i>	CH2812	92055416
	Heater Hose <i>Tap To Engine Upper</i>	CH2814	92055415
	Power Steering Hose <i>return pipe to reservoir</i>	CH3466	92105714
	Power Steering Hose <i>return pipe to cooler inlet</i>	CH4218	92209162
	Power Steering Hose <i>return cooler to pipe Outlet</i>	CH4218	92209162
	Power Steering Hose <i>Reservoir to pump</i>	CH3790	92105715



## COMMODORE VX, VU & WH STATESMAN 2000-2002

### 3.8 Litre (L36) V6 12V OHV

Top Hose	CH2256	92048362
Bottom Hose	CH2257	92048363
Heater Hose <i>Engine Outlet to Upper Heater Tap</i>	CH2277	92047816

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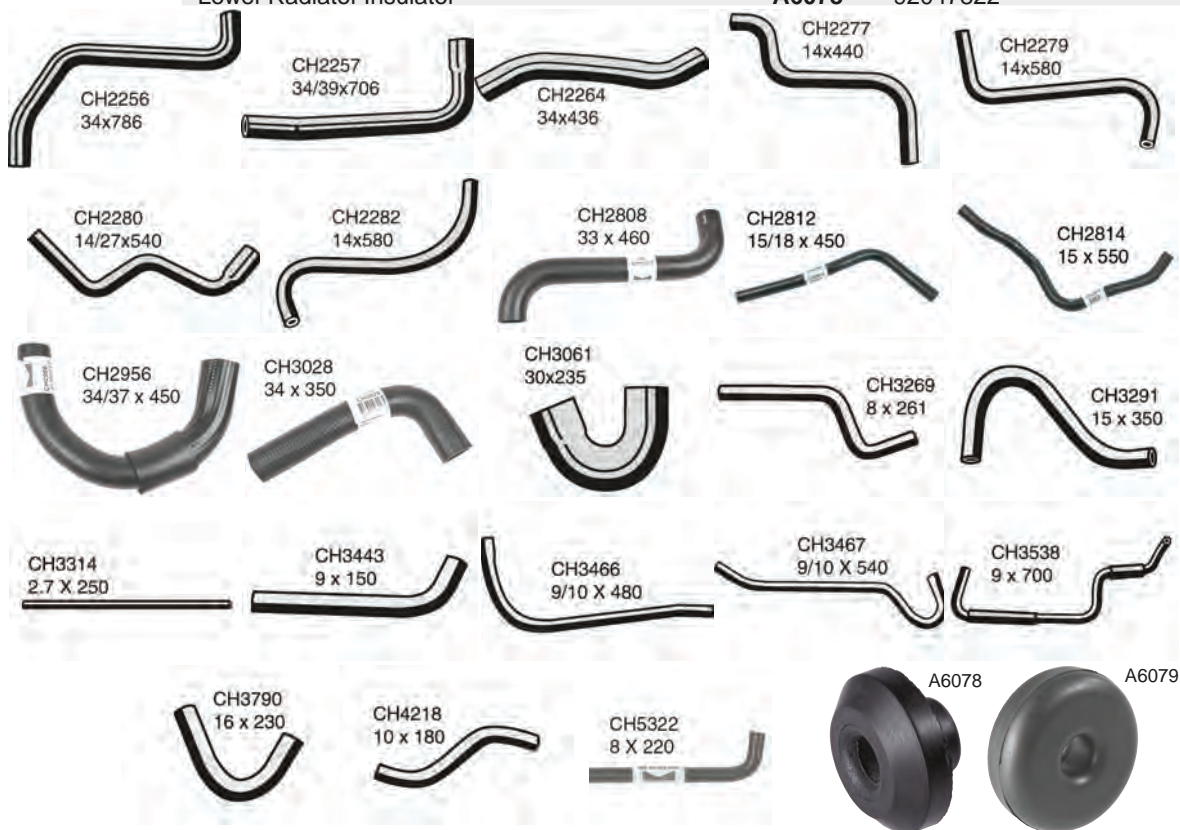
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HOLDEN

Make Model	Description	Mackay #	O.E.M #
<b>COMMODORE VX, VU &amp; WH STATESMAN 2000-2002</b>			
	Heater Hose <i>Lower Heater Tap to Engine Inlet</i>	CH2280	92047815
	Heater Hose <i>Heater Tap to Heater Core Lower</i>	CH2279	92055987
	Heater Hose <i>Heater Tap to Heater Core Upper</i>	CH2282	92047817
	Power Steering <i>Hose Reservoir to Pump</i>	CH3291	92075417
	Power Steering <i>Hose Return, Pipe to Cooler Inlet</i>	CH4218	92209162
	Power Steering <i>Hose Return, Cooler Outlet to Reservoir</i>	CH3467	92051564
	Vacuum Hose <i>Heater Tap to Vacuum Valve</i>	CH3314	92050925
	Vacuum Servo <i>Brake Hose Brake Booster to Inlet M'fold</i>	CH3538	92055523, 92056934
	PCV Hose <i>(Petrol Only) Inlet Manifold to Throttle Body</i>	CH3443	92062196
	PCV Hose <i>(LPG Only) Inlet Manifold to Mixer</i>	CH5322	92057558
	Hose Pack contains: CH2256, CH2257, CH2280, CH2277, CH2279, CH2282	CHVP3	
<b>3.8 Litre (L67) V6 12V OHV Supercharged</b>			
	Top Hose	CH2264	92056388
	Bottom Hose	CH2257	92048363
	ByPass Hose <i>Pipe to Thermostat Housing</i>	CH3061	92062855
	ByPass Hose <i>Throttle Body to Supercharger</i>	CH3269	92062853
	Heater Hose <i>Engine Outlet to Upper Heater Tap</i>	CH2277	92047816
	Heater Hose <i>Lower Heater Tap to Engine Inlet</i>	CH2280	92047815
	Heater Hose <i>Heater Tap to Heater Core Lower</i>	CH2279	92055987
	Heater Hose <i>Heater Tap to Heater Core Upper</i>	CH2282	92047817
	Power Steering <i>Hose Reservoir to Pump</i>	CH3291	92075417
	Power Steering <i>Hose Return, Pipe to Cooler Inlet</i>	CH4218	92209162
	Power Steering <i>Hose Return, Cooler Outlet to Reservoir</i>	CH3467	92051564
	Vacuum Hose <i>Heater Tap to Vacuum Valve</i>	CH3314	92050925
	Vacuum Servo Brake Hose <i>Brake Booster to Inlet M'fold</i>	CH3538	92055523, 92056934
	PCV Hose <i>Inlet Manifold to Throttle Body</i>	CH3443	92062196
<b>5.7 Litre V8</b>			
	Top Hose	CH2808	92055623
	Bottom Hose <i>Pipe to Engine</i>	CH2956	92089711, 92055621
	Bottom Hose <i>Pipe to Radiator</i>	CH3028	92104640, 92057860
	Heater Hose <i>Tap To Engine Lower</i>	CH2812	92055416
	Heater Hose <i>Tap To Engine Upper</i>	CH2814	92055415
	Power Steering Hose <i>Return Pipe To Reservoir</i>	CH3466	92105714
	Power Steering Hose <i>Reservoir To Pump</i>	CH3790	92105715
	Power Steering Hose <i>Return Pipe To Cooler Inlet</i>	CH4218	92209162
	Power Steering Hose <i>Return Cooler Outlet To Pipe</i>	CH4218	92209162
	Upper Radiator Insulator	A6079	92047823
	Lower Radiator Insulator	A6078	92047822

**COMMODORE VY & WK STATESMAN 2002-2004****3.8 Litre V6**

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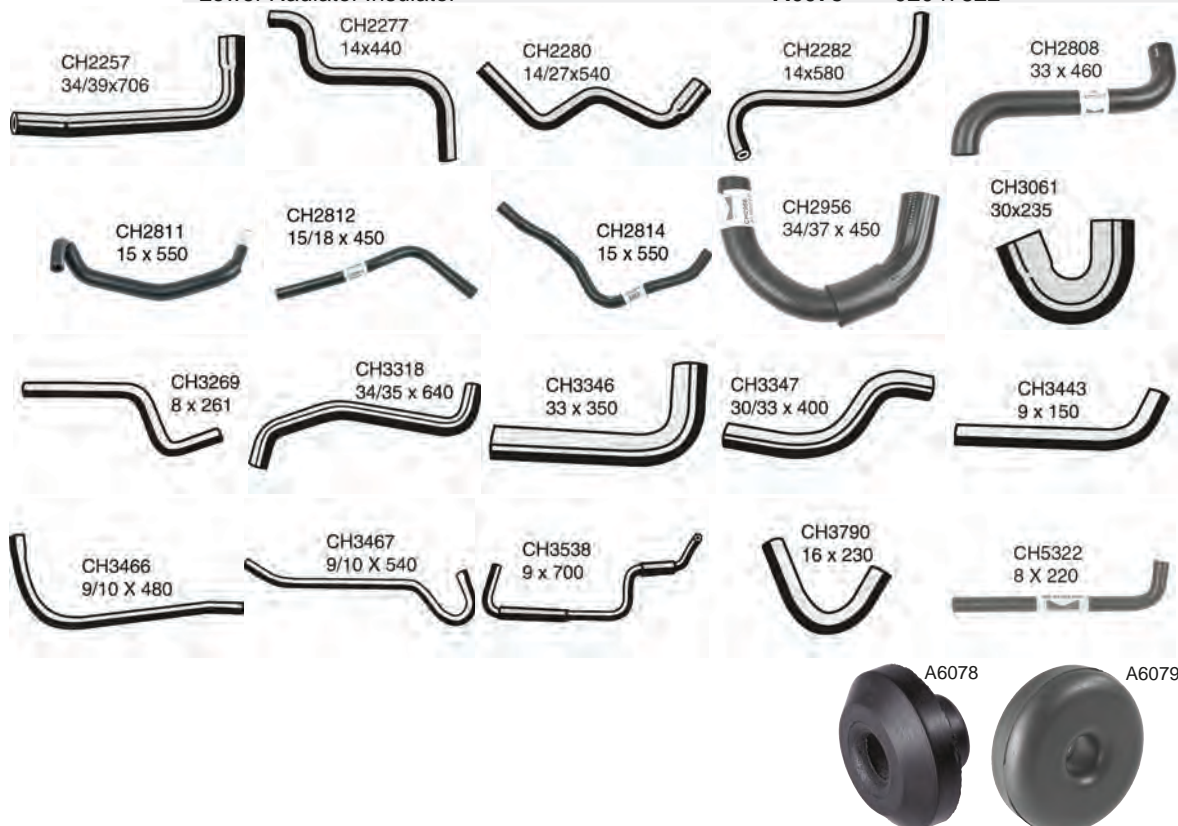
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Make Model	Description	Mackay #	O.E.M #
<b>COMMODORE VY &amp; WK STATESMAN 2002-2004</b>			
	Top Hose	CH3318	92089072
	Bottom Hose	CH2257	92048363
	Heater Hose <i>Engine Outlet to Upper Heater Tap</i>	CH2277	92047816
	Heater Hose <i>Lower Heater Tap to Engine Inlet</i>	CH2280	92047815
	Heater Hose <i>Heater Tap to Heater Core Lower</i>	CH2279	92055987
	Heater Hose <i>Heater Tap to Heater Core Upper</i>	CH2282	92047817
	Power Steering Hose <i>Reservoir to Pump</i>	CH3291	92075417
	Power Steering Hose <i>Return, Pipe to Cooler Inlet</i>	CH4218	92209162
	Power Steering Hose <i>Return, Cooler Outlet to Reservoir</i>	CH3467	92051564
	Vacuum Hose <i>Heater Tap to Vacuum Valve</i>	CH3314	92050925
	Vacuum Servo Brake Hose <i>Brake Booster to Inlet M'fold</i>	CH3538	92055523, 92056934
	PCV Hose <i>(Petrol Only) Inlet Manifold to Throttle Body</i>	CH3443	92062196
	PCV Hose <i>(LPG Only) Inlet Manifold to Mixer</i>	CH5322	92057558
	Hose Pack contains: CH3318, CH2257, CH2279, CH2282, CH2280, CH2277	CHVP5	
<b>3.8 Litre (L67) V6 12V OHV Supercharged</b>			
	Top Hose	CH3347	9210172
	Bottom Hose	CH2257	92048363
	ByPass Hose <i>Pipe to Thermostat Housing</i>	CH3061	92062855
	ByPass Hose <i>Throttle Body to Supercharger</i>	CH3269	92062853
	Heater Hose <i>Engine Outlet to Upper Heater Tap</i>	CH2277	92047816
	Heater Hose <i>Lower Heater Tap to Engine Inlet</i>	CH2280	92047815
	Heater Hose <i>Heater Tap to Heater Core Lower</i>	CH2279	92055987
	Heater Hose <i>Heater Tap to Heater Core Upper</i>	CH2282	92047817
	Power Steering Hose <i>Reservoir to Pump</i>	CH3291	92075417
	Power Steering Hose <i>Return, Pipe to Cooler Inlet</i>	CH4218	92209162
	Power Steering Hose <i>Return, Cooler Outlet to Reservoir</i>	CH3467	92051564
	Vacuum Hose <i>Heater Tap to Vacuum Valve</i>	CH3314	92050925
	Vacuum Servo Brake Hose <i>Brake Booster to Inlet M'fold</i>	CH3538	92055523, 92056934
	PCV Hose <i>Inlet Manifold to Throttle Body</i>	CH3443	92062196
<b>5.7 Litre V8</b>			
	Top Hose	CH2808	92055623
	Bottom Hose <i>Radiator To Cross Over</i>	CH3346	92112264
	Bottom Hose <i>Cross Over to Engine</i>	CH2956	92089711, 92055621
	Heater Hose A Tap to Heater	CH2811	92075151A
	Heater Hose Tap To Engine <i>Upper</i>	CH2814	92055415
	Heater Hose Tap To Engine <i>Lower</i>	CH2812	92055416
	Transmission Cooler Hose	CH3466	92105714
	Power Steering Hose <i>Return Pipe To Reservoir</i>	CH3466	92105714
	Power Steering Hose <i>Reservoir To Pump</i>	CH3790	92105715
	Power Steering Hose <i>Return Pipe To Cooler Inlet</i>	CH4218	92209162
	Power Steering Hose <i>Return Cooler Outlet To Pipe</i>	CH4218	92209162
	Upper Radiator Insulator	A6079	92047823
	Lower Radiator Insulator	A6078	92047822



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HOLDEN

Make Model	Description	Mackay #	O.E.M #
<b>COMMODORE VZ &amp; WL STATESMAN 2004-ON</b>			
<b>3.6 Litre V6 Alloytec 2004-On</b>			
	Top Hose	CH3722	92157577, 92191370
	Bottom Hose	CH3723	92157578, 92191411
	Heater Hose <i>inlet (bypass Valve outlet)</i>	CH3726	92157581
	Heater Hose <i>water shut off valve inlet</i>	CH3724	92157583
	Heater Hose <i>outlet</i>	CH3725	92155841, 92191358
	Expansion Tank Hose <i>coolant bleederhose</i>	CH4996	92191372
	ByPass Hose <i>radiator outlet hose</i>	CH4994	92191412
	Expansion Tank Hose <i>Radiator Overflow</i>	CH5042	92191353
<b>5.7 Litre V8 2004 -ON</b>			
	Top Hose	CH3719	92157579, 92191371
	Bottom Hose	CH3720	92157580, 92191410
	Heater Hose <i>Heater Bypass water valve outlet</i>	CH3721	92158044
	Heater Hose A Tap to Heater	CH2811	92075151A
	Heater Hose Tap To Engine <i>Upper</i>	CH2814	92055415
	Power Steering Hose <i>Return Pipe To Cooler Inlet</i>	CH4218	92209162
	Power Steering Hose <i>Return Cooler Outlet To Pipe</i>	CH4218	92209162
	Upper Radiator Insulator	A6079	92047823
	Lower Radiator Insulator	A6078	92047822
<b>6.0 Litre L7 V8 1/2006-ON</b>			
	Top Hose	CH3719	92157579, 92191371
	Bottom Hose	CH3720	92157580, 92191410
	Heater Hose <i>Heater Bypass water valve outlet</i>	CH3721	92158044
	Heater Hose A Tap to Heater	CH2811	92075151A
	Heater Hose Tap To Engine <i>Upper</i>	CH2814	92055415
	Power Steering Hose <i>Return Pipe To Cooler Inlet</i>	CH4218	92209162
	Power Steering Hose <i>Return Cooler Outlet To Pipe</i>	CH4218	92209162



## CRUZE JG 1.8 LITRE F18D4 ENGINE 5/2009-02/2011

Top Hose <i>inlet</i>	CH5059	96831559
Heater Hose	CH5061	96831563
Heater Hose	CH5062	96831562
ByPass Hose <i>header tank to pipe</i>	CH5060	96831572



## CRUZE YG 1.5 LITRE M15A ENGINE 2002-2006

Top Hose	CH5266	92123978
Bottom Hose <i>Radiator to Pipe Auto Trans</i>	CH5267	92123980
Bottom Hose <i>radiator to pipe Manual Trans</i>	CH5269	92123981
Bottom Hose <i>engine to pipe</i>	CH5270	92123979
Heater Hose <i>inlet</i>	CH5271	92123984
Heater Hose <i>outlet</i>	CH5286	92123985
ByPass Hose	CH5272	92123986

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Make Model	Description	Mackay #	O.E.M #
<b>CRUZE YG 1.5 LITRE M15A ENGINE 2002-2006</b>			



## DROVER QB 1.3 LITRE 1985-87

Top Hose	CH1690	1784183000
Bottom Hose-Radiator to Pipe	CH1691	1785283000
Bottom Hose - Pipe to Engine	CH1692	1785183000



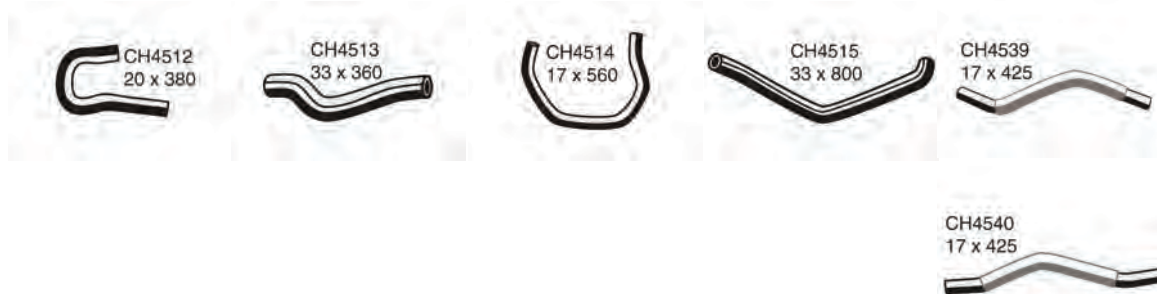
## EPICA EP SERIES 2.LITRE X20D1 03/07-06/08

Top Hose	CH4513	96294952
Bottom Hose	CH4515	96499773



## EPICA EP SERIES 2.5 LITRE X25D1 03/07-2011

Top Hose	CH4513	96294952
Bottom Hose	CH4515	96499773
Heater Hose Inlet	CH4539	96471942
Heater Hose Outlet	CH4512	96498859, 96930785
Heater Hose return	CH4540	96471943
Bypass Hose water pump to engine	CH4514	96442381



## FRONTERA M7 OHC 2 LITRE 1995-98

Bottom Hose	CH2784	91178068
ByPass Hose Surge Tank to Water Outlet	CH2782	91147853
ByPass Hose Water Outlet to Thermostat	CH2790	91148063
ByPass Hose Water Outlet to Water Pump	CH2789	91147918
Heater Hose	CH2792	91148099
Heater Hose Core Feed Hose	CH2793	91148169
Heater Hose Core Return Hose	CH2794	91148170
Heater Hose Return	CH2788	91147859



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Make Model	Description	Mackay #	O.E.M #
<b>FRONTERA M7 OHC 2 LITRE 1995-98</b>			



<b>FRONTERA MX 2.2 LITRE DOHC 16 VALVE 1999-ON</b>			
--	--	--	--

Top Hose	CH2786	8971251590
Bottom Hose	CH2783	8971251661
Hose to Pipe	CH2764	92062926
Heater Hose <i>From Engine</i>	CH2798	8971659920
Heater Hose <i>Unit to Pipe</i>	CH2785	8971659910
Heater Hose <i>Housing to Heater</i>	CH2801	92063621
Heater Hose <i>Engine to Pipe</i>	CH2802	8971649460



<b>FRONTERA MX DOHC V6 3.2 LITRE 24 VALVE 1999-ON</b>			
---	--	--	--

Top Hose	CH2795	8971251640
Bottom Hose	CH2796	8971251650
Heater Hose <i>Unit to Pipe</i>	CH2797	8971442580
Heater Hose	CH2799	8971442610
By Pass Hose	CH2800	8971676941



<b>GEMINI TX 1.6 LITRE (PETROL) 1975-77</b>			
---	--	--	--

Top Hose	CH1102	94209303
Bottom Hose	CH1121	94210290
Heater Hose- <i>Manifold to Valve to Feb.'77</i>	CH1186	94202908
Heater Hose- <i>Manifold to Valve from Feb.'77</i>	CH1188	94207237
Heater Hose - <i>Valve to Heater to Feb.'77</i>	CH1187	94202909
Heater Hose - <i>Valve to Heater from Feb.'77</i>	CH1189	94205246
Heater Hose - <i>Heater to Manifold</i>	CH1190	94202911
Heater Hoses - <i>Inlet Manifold All except A8C option with Auto. Trans. and Safety Compliance Plate stamped ADR27A</i>	CH1223	94201943
Heater Hose - <i>Inlet Manifold A8C option with Auto. Trans. and Safety Compliance Plate stamped ADR27A</i>	CH1224	94205556



<b>GEMINI TC, TD 1.6 LITRE (PETROL) 1977-79</b>			
---	--	--	--

Top Hose	CH1102	94209303
Bottom Hose	CH1121	94210290
Heater Hose- <i>Manifold to Valve</i>	CH1188	94207237
Heater Hose - <i>Valve to heater</i>	CH1189	94205246
Heater Hose - <i>Heater to Manifold</i>	CH1190	94202911
Heater Hose - <i>Inlet Manifold Manual</i>	CH1223	94201943
Heater Hose - <i>Inlet Manifold Auto.</i>	CH1224	94205556

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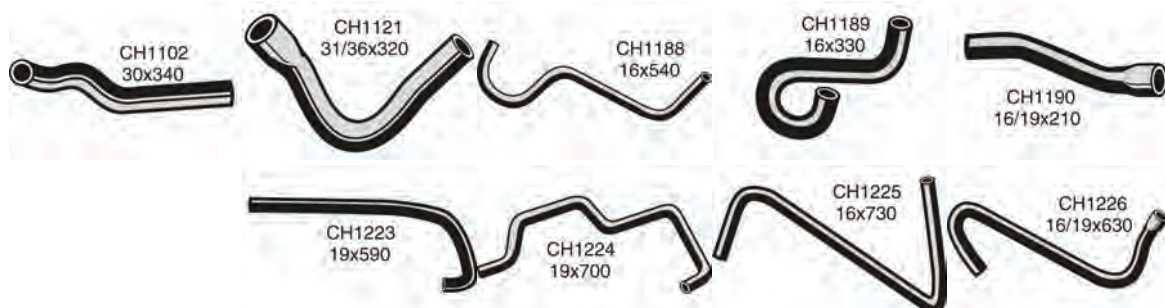
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Make Model	Description	Mackay #	O.E.M #
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## GEMINI TC, TD 1.6 LITRE (PETROL) 1977-79

Heater Hose - Inlet Manifold to Heater Inlet  
Heater Hose - Heater Outlet to Inlet Manifold

CH1225 9943791  
CH1226 9943792

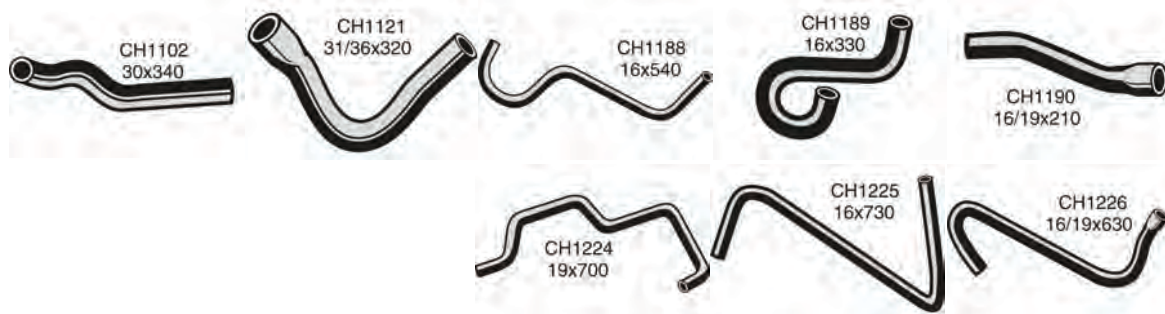


## GEMINI, TE 1.6 LITRE (PETROL)

1979-82

Top Hose  
Bottom Hose  
Heater Hose - Inlet Manifold  
Heater Hose - Manifold to Valve  
Heater Hose - Valve to Heater  
Heater Hose - Heater to Manifold  
Heater Hose - Manifold to Heater Inlet  
Heater Hose - Heater Outlet to Manifold

CH1102 94209303  
CH1121 94210290  
CH1224 94205556  
CH1188 94207237  
CH1189 94205246  
CH1190 94202911  
CH1225 9943791  
CH1226 9943792



## GEMINI, TE 1.8 LITRE (DIESEL)

Top Hose  
Bottom Hose  
Heater Hose - Heater Outlet to Inlet Manifold

CH1306 94220694  
CH313 94220695  
CH1433 92016165



## GEMINI TF, TG 1982-84

### 1.6 Litre (Petrol)

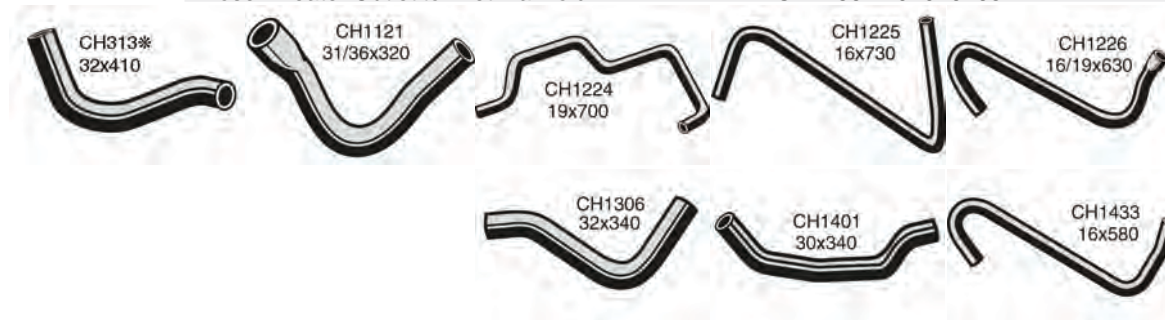
Top Hose  
Bottom Hose  
Heater Hose - Inlet Manifold  
Hose - Inlet Manifold to Heater Inlet  
Hose - Heater Outlet to Manifold

CH1401 8942421920  
CH1121 94210290, 94209304  
CH1224 94205556  
CH1225 9943791  
CH1226 9943792

### 1.8 Litre (Diesel)

Top Hose  
Bottom Hose  
Hose - Heater Outlet to Inlet Manifold

CH1306 94220694  
CH313 94220695  
CH1433 92016165



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HOLDEN

Make Model	Description	Mackay #	O.E.M #
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**GEMINI RB 1985-86 (FRONT WHEEL DRIVE)**

1986-87	Top Hose	CH1502	8941591452
	Bottom Hose Auto. Trans.	CH1504	8941183553
	Bottom Hose Manual Trans	CH1503	8941085764
	Top Hose (ULP Models)	CH1502	8941591452
	Bottom Hose (ULP Models)	CH1504	8941183553

**HOLDEN 1948-85****FJ 48/215, 1948-56**

Top Hose	CH482	7412931
Bottom Hose	CH239	M31031

**FE, FC, FB 1956-61**

Top Hose <i>Man Trans.</i>	CH482	7412831
Bottom Hose Manual Trans.	CH313	7406515

**EK 1961-62**

Top Hose Manual Trans.	CH482	7412831
Bottom Hose Manual & Auto Trans.	CH313	7406515

**EJ 1962-63**

Top Hose	CH525	7416662
Bottom Hose	CH313	7406515

**EH 1963-65****149 c.i.d.**

Top Hose	CH525	7416662
Bottom Hose	CH589	7423444

**179 c.i.d.**

Top Hose	CH525	7416662
Bottom Hose	CH590	7423445

**HD - HR 1965-68****149,179**

Top Hose	CH636	7423136
Bottom Hose	CH637	7420304

**161, 186**

Top Hose	CH636	7423136
Bottom Hose	CH637	7420304

Hose - Manifold Inlet & Outlet - 438mm length HR (except X2 and S Engines) W/O Power Steering	CH735	7429468
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Hose - Manifold Inlet - 768mm length HR X2 W/O P/Steering	CH736	7430216
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**HK 1968-71****161 & 186 c.i.d. Engines without A/C**

Top Hose	CH787	7431732
Bottom Hose	CH788	7436219
Hose-Manifold Inlet & Outlet 438mm Except 186S	CH735	7429468
Engine Breather Hose 750mm length Except 186S	CH791	7438562
Hose -Manifold Outlet 186S Engines without P/S	CH1018	9928722
Hose -Manifold Inlet 186S Engines without P/S	CH797	7433805
Heater Hose - Inlet With Fan -Type Heater	CH1124	7438237
Water Pump Cap 19mm (3/4")	BC19	7434745

**307 and 327 c.i.d.****1968-69**

Top Hose	CH789	7434356
Bottom Hose	CH790	7438645
Water Pump Cap 19mm (3/4")	BC19	7434745

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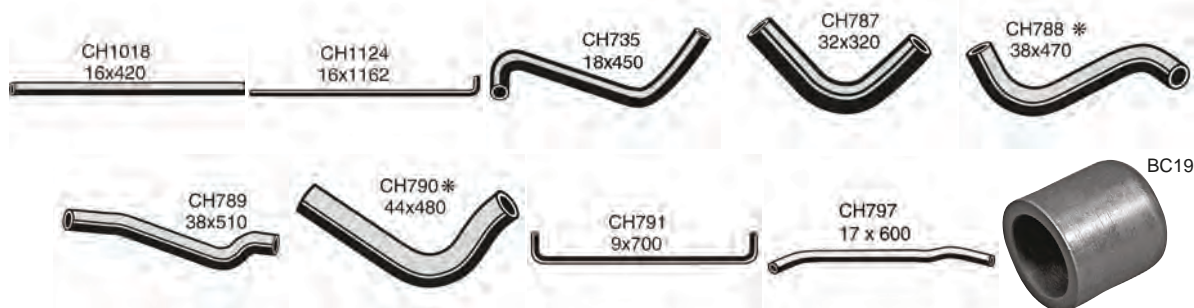
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Make Model	Description	Mackay #	O.E.M #
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## HOLDEN 1948-85



## HT 1969-70

### 161 & 186 c.i.d Engines

Top Hose <i>without A/C</i>	CH787	7431732
Bottom Hose <i>without A/C</i>	CH788	7436219
Hose - Manifold Inlet & Outlet <i>without A/C 438mm length</i>	CH735	7429468
<i>Except 186S</i>		
Engine Breather Hose <i>without A/C 750mm length Except</i>	CH791	7438562
<i>186S</i>		
Hose -Manifold Inlet <i>186S Engines without P/S</i>	CH797	7433805
Hose -Manifold Outlet <i>without A/C 186S Engines without</i>	CH1018	9928722
<i>Power Steering</i>		
Heater Hose - Inlet <i>without A/C With Fan - Type Heater</i>	CH1124	7438237
Water Pump Cap <i>19mm (3/4")</i>	BC19	7434745

### 253 c.i.d. (4.2 Litre)

Top Hose <i>without A/C'</i>	CH818	7437639
Top Hose <i>with A/C'</i>	CH883	2809903
Bottom Hose	CH819	7449844
Heater Hose -Manifold Inlet	CH899	2805685
Heater Hose- Manifold Outlet	CH900	2805686
Water Pump Cap <i>19mm (3/4")</i>	BC19	7434745

### 307 c.i.d.

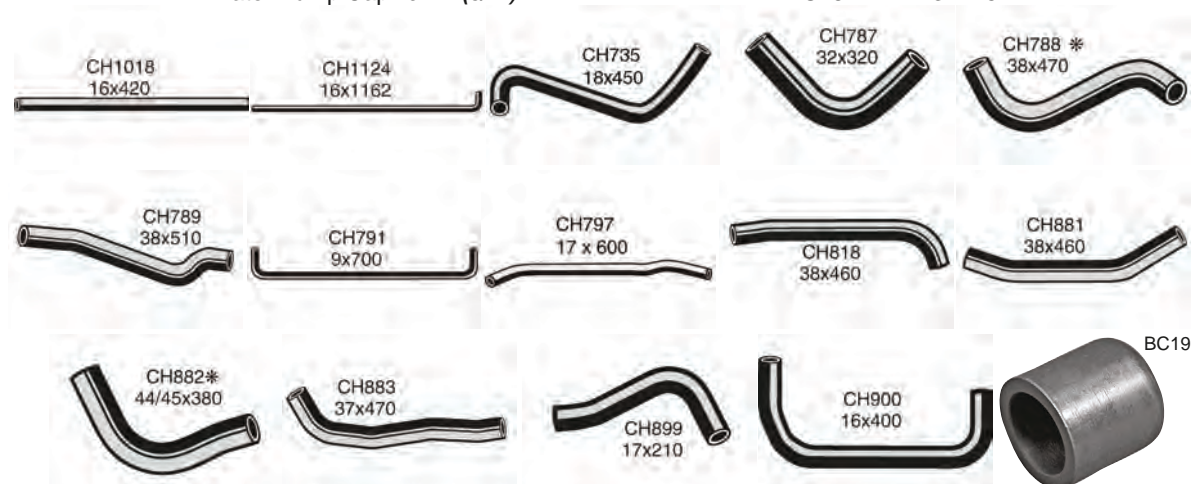
Top Hose	CH789	7434356
Bottom Hose	CH790	7438645
Water Pump Cap <i>19mm (3/4")</i>	BC19	7434745

### 308 c.i.d. (5.0 Litre)

Top Hose <i>without A/C'</i>	CH818	7437639
Top Hose <i>with A/C'</i>	CH883	2809903
Bottom Hose	CH819	7449844
Water Pump Cap <i>19mm (3/4")</i>	BC19	7434745

### 350 c.i.d. (5.7 Litre)

Top Hose	CH881	2809898
Bottom Hose	CH882	2811060
Water Pump Cap <i>19mm (3/4")</i>	BC19	7434745



## HG 1968-71

### 161 & 186 c.i.d. Engines -without A/C'

Top Hose	CH787	7431732
Bottom Hose	CH788	7436219
Hose - Manifold Inlet & Outlet <i>438mm length Except</i>	CH735	7429468
<i>186S</i>		
Engine Breather Hose <i>-750mm length Except 186S</i>	CH791	7438562
Hose -Manifold Inlet <i>186S Engines without P/S</i>	CH797	7433805
Hose -Manifold Outlet <i>186S Engines without P/S</i>	CH1018	9928722
Heater Hose - Inlet <i>With Fan - Type Heater</i>	CH1124	7438237
Water Pump Cap <i>19mm (3/4")</i>	BC19	7434745

### 253 c.i.d. (4.2 Litre)

1970-71 Top Hose	CH883	2809903
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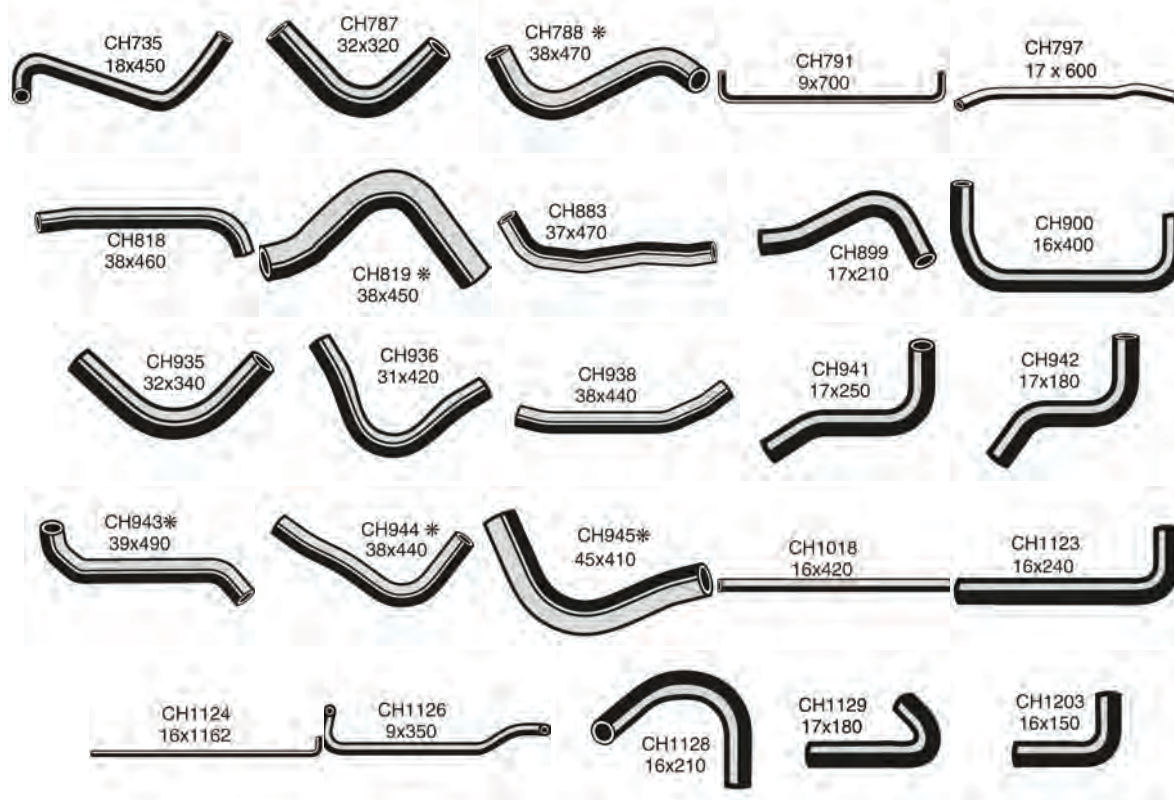
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HOLDEN

Make Model	Description	Mackay #	O.E.M #
<b>HOLDEN 1948-85</b>			
	Bottom Hose	CH819	7449844
	Heater Hose-Manifold Inlet	CH899	2805685
	Heater Hose-Manifold Outlet	CH900	2805686
	Water Pump Cap 19mm (3/4")	BC19	7434745
<b>308 c.i.d. (5.0 Litre)</b>			
1970-71	Top Hose	CH883	2809903
	Bottom Hose	CH819	7449844
	Water Pump Cap 19mm (3/4")	BC19	7434745
<b>350 c.i.d.(5.7 Litre)</b>			
1969-71	Top Hose	CH881	2809898
	Bottom Hose	CH882	2811060
	Water Pump Cap 19mm (3/4")	BC19	7434745
<b>HQ, HJ and Statesman 1971-76</b>			
<b>2.8 Litre (173) 3.3 Litre (202)</b>			
7/71-7/76	Top Hose <i>without A/C</i>	CH935	2812209
	Top Hose <i>with A/C</i>	CH936	9934125
	Bottom Hose	CH943	2812210
	Hose-Manifold Inlet <i>with A/C</i>	CH1018	9928722
	Hose- Engine Breather	CH791	7438562
	Hose - Heater By Pass <i>with Emission Control</i>	CH1129	9943170
	Water Pump Cap 19mm (3/4")	BC19	7434745
<b>253 c.i.d. (4.2 Litre)</b>			
	Top Hose	CH818	7437639
	Bottom Hose	CH944	2812269
	Hose-Manifold Inlet <i>with Heater</i>	CH941	2820471
	Hose-Manifold Inlet <i>without Heater</i>	CH899	2805685
	Hose-Manifold Outlet to Water Valve	CH1123	2822625
	Hose-"T" piece to Water Pump	CH1203	2822623
	Water Pump Cap 19mm (3/4")	BC19	7434745
<b>308 c.i.d. (5.0 Litre)</b>			
	Top Hose	CH818	7437639
	Bottom Hose	CH944	2812269
	Heater Hose-Manifold Inlet	CH942	2820472
	Hose-"T"piece to Water Pump	CH1203	2822623
	Hose-Engine Breather - Valve to Carburettor	CH1126	9928962
10/74-7/76	Hose-Heater By Pass <i>with Emission Control</i>	CH1128	9941032
10/74-7/76	Hose-Valve to Heater <i>Inlet with Emission Control</i>	CH1123	2822625
	Water Pump Cap 19mm (3/4")	BC19	7434745
<b>350 c.i.d (5.7 Litre)</b>			
	Top Hose	CH938	2818878
	Bottom Hose	CH945	2819475
	Water Pump Cap 19mm (3/4")	BC19	7434745



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Make Model Description

Mackay #

O.E.M #

## **HOLDEN 1948-85**



BC19

**HOLDEN**

### **HX and Statesman 1976-77**

#### **2.8 Litre (173), 3.3 Litre (202)**

Top Hose *without A/C*

**CH935** 2812209

Top Hose *with A/C*

**CH936** 9934125

Bottom Hose

**CH943** 2812210

Hose-"T" piece to Thermostat Housing

**CH1018** 9928722

Hose - Engine Breather

**CH791** 7438562

Hose - Heater By Pass *with Emission Control*

**CH1129** 9934170

Water Pump Cap 19mm (3/4")

**BC19** 7434745

#### **253 c.i.d (4.2 Litre)**

Top Hose

**CH818** 7437639

Bottom Hose

**CH944** 2812269

Hose-Heater By Pass *with Emission Control*

**CH1128** 9941032

Hose-Valve to Heater Inlet *with Emission Control*

**CH1123** 2822625

Water Pump Cap 19mm (3/4")

**BC19** 7434745

#### **308 c.i.d. (5.0 Litre)**

Top Hose

**CH818** 7437639

Bottom Hose

**CH944** 2812269

Hose - Heater By Pass

**CH1128** 9941032

Hose-"T" piece to Water Pump

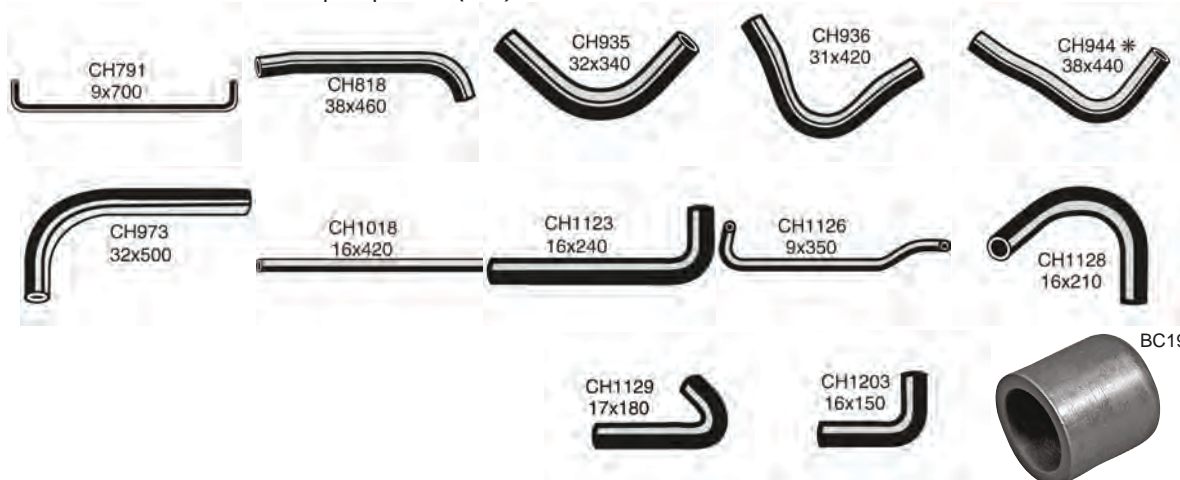
**CH1203** 2822623

Hose-Engine Breather -Valve to Carburettor

**CH1126** 9928962

Water Pump Cap 19mm (3/4")

**BC19** 7434745



### **HZ and Statesman 1977-78**

#### **2.8 Litre (173), 3.3 Litre (202)**

Top Hose *without A/C*

**CH935** 2812209

Top Hose *with A/C*

**CH936** 9934125

Bottom Hose *without Power Steering*

**CH943** 2812210

Bottom Hose *with Power Steering*

**CH1161** 92000568

Manifold Hose *Valve to Water Inlet*

**CH1127** 9939149

Hose-"T" piece to Thermostat Housing

**CH1018** 9928722

Hose - Engine Breather

**CH791** 7438562

Hose - Heater By Pass

**CH1129** 9943179

Water Pump Cap 19mm (3/4")

**BC19** 7434745

#### **308 c.i.d. (5.0 Litre)**

Top Hose

**CH818** 7437639

Bottom Hose

**CH944** 2812269

Hose - Heater By Pass

**CH1128** 9941032

Hose-"T" piece to Water Pump

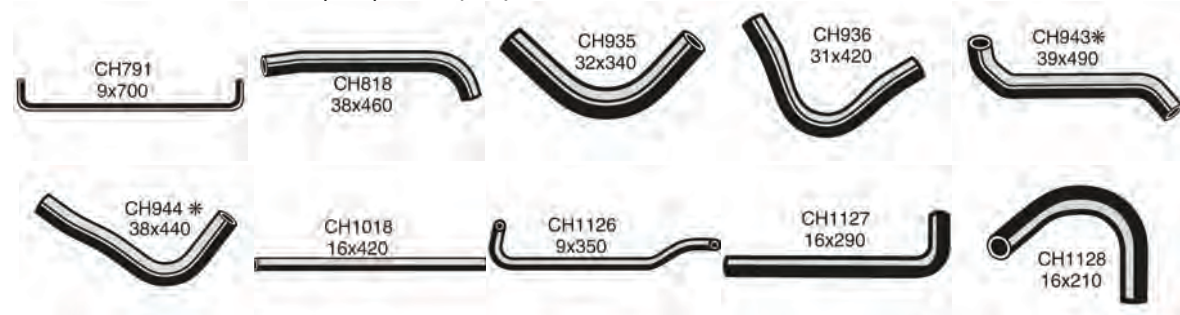
**CH1203** 2822623

Hose-Engine Breather -Valve to Carburettor

**CH1126** 9928962

Water Pump Cap 19mm (3/4")

**BC19** 7434745



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\* Supplied with Coil Spring. All dimensions in millimetres

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HOLDEN

Make Model	Description	Mackay #	O.E.M #
<b>HOLDEN 1948-85</b>			

CH1129  
17x180CH1161\*  
38x480CH1203  
16x150

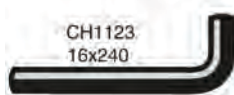
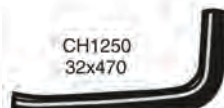
BC19

**WB and Statesman 1980-85**  
**3.3 Litre**

Top Hose <i>without A/C</i>	CH1250	92006109
Top Hose <i>with A/C</i>	CH1251	92006068
Bottom Hose	CH1252	92006069
Hose - Heater By Pass	CH1129	9943170
Manifold Hose - Valve Water Inlet	CH1127	9939149
Water Pump Cap 19mm (3/4")	BC19	7434745

**4.2, 5.0 Litre**

Top Hose	CH1253	92006066
Bottom Hose	CH1254	92006067
Heater Hose - Valve to Heater Inlet	CH1123	2822625
Hose - Heater By Pass	CH1128	9941032
Water Pump Cap 19mm (3/4")	BC19	7434745

CH1123  
16x240CH1127  
16x290CH1128  
16x210CH1129  
17x180CH1250  
32x470CH1251  
32x560CH1252  
38x410CH1253  
38x570CH1254  
38x500

BC19

**JACKAROO (BIGHORN, TROOPER)**
**UBS13 2 Litre G200Z (Petrol) 1981-1987**

Top Hose	CH1468	8942943400
Bottom Hose	CH1405	8942220602
By Pass Hose	CH1224	8942055560

**UBS52 2.2 Litre C223 (Diesel) 11/81-1988**

Top Hose	CH1469	8942942970
Bottom Hose	CH1470	8942220633

**UBS52 2.2 Litre C223T (Turbo Diesel) 1984-88**

Top Hose	CH1744	8941420540
Bottom Hose	CH1470	8942220633

**UBS16 2.3 Litre 4ZD1 (Petrol) 1984-88**

Top Hose	CH1737	8941534603
Bottom Hose	CH1738	8944109690

CH1129  
17x180CH1224  
19x700CH1405  
30/35x380CH1468  
31x460CH1469  
30x330CH1470  
31/33x580CH1737  
29x330CH1738  
32/33x280CH1744  
31x320
**UBS17 2.6 Litre EFI 4ZEFI (Petrol) 1987-91**

Top Hose	CH1989	8944535881
Bottom Hose	CH1990	8941734600
By Pass Hose <i>To Thermostat Housing</i>	CH3629	8970377740
By Pass Hose <i>Engine to Throttle Body</i>	CH3621	8944713022
By Pass Hose <i>Throttle Body to Engine</i>	CH3619	8944713012
Heater Hose <i>Engine to Pipe 2</i>	CH3608	8944740772
Heater Hose <i>Engine to Heater</i>	CH3605	8953171753

**UBS55 2.8 Litre Turbo Diesel 4JB1T 1988-92**

Top Hose	CH2819	8941734591
Bottom Hose	CH2841	8941734612
Engine to Heater	CH2765	8944534891
ByPass Hose <i>Pipe to Pipe back of engine</i>	CH3913	8944535321
ByPass Hose <i>Pipe to Thermostat housing</i>	CH2766	8944788842
ByPass Hose <i>Oil cooler return (coolant hose)</i>	CH3628	8970391992
Heater Hose <i>to Engine</i>	CH2844	8944534900
Heater Hose <i>to Pipe 1</i>	CH2842	8943112970
Heater Hose <i>Pipe 1 to Water Manifold</i>	CH2843	8944467380

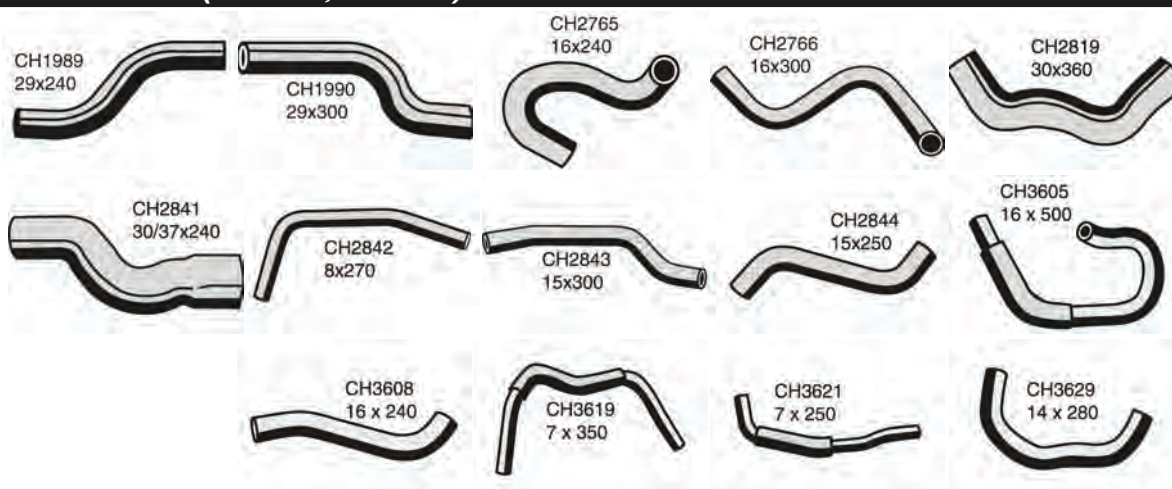
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Make Model	Description	Mackay #	O.E.M #
<b>JACKAROO (BIGHORN, TROOPER)</b>			

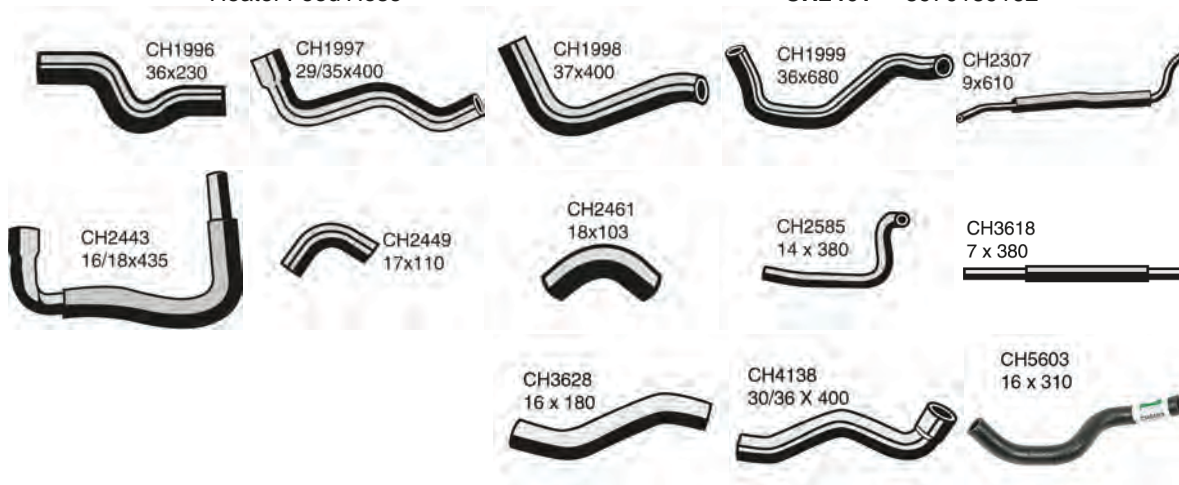


## UBS69 3.1 Litre 4JG2T (Turbo Diesel) 1992-98

Top Hose	CH1997	8943751671
Top Hose <i>export only</i>	CH4138	8970709381
Bottom Hose	CH1996	8943751702
Hose- P/Steering Return Tank to Pump	CH2307	8970379080
Power Steering Res Tank to pump	CH2585	8970374670
Radiator to Reservoir Hose	CH3618	8970392973
Oil Cooler to Engine Hose to 7/93	CH3628	8970391992
ByPass Hose <i>LHS pipe to thermostat housing from 1/97</i>	CH5603	8970492850

## UBS25 3.2 Litre 6VD1 V6 (Petrol) 1992-97

Top Hose	CH1998	8943751682, 893751861
Bottom Hose	CH1999	8943751711
Heater to Pipe	CH2443	8943763380
Heater Return Hose	CH2449	8970189152
Heater Feed Hose	CH2461	8970189162

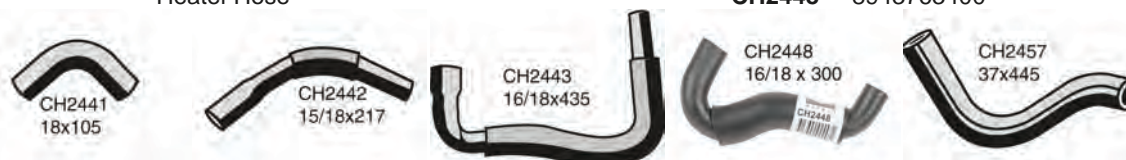


## UBS73 3 Litre 4JX1T (Turbo Diesel) 1998-2004

Top Hose	CH2459	8971690680
Bottom Hose 98-3/99	CH2999	8972007760
Bottom Hose 4/99-ON	CH3000	8972101560
Heater Hose Return	CH2458	8971679680
Heater Hose Inlet	CH2460	8971679711

## UBS26 3.5 Litre 6VE1 V6 (Petrol) 97-2004

Top Hose	CH2457	8971642671
Bottom Hose	CH5355	8943751711, 894375172
Heater hose Feed No 2	CH2441	8971606251, 8971606252
Heater Hose	CH2442	8971606262, 8971606263
Heater to Pipe	CH2443	8943763380,
Heater Hose	CH2448	8943763400



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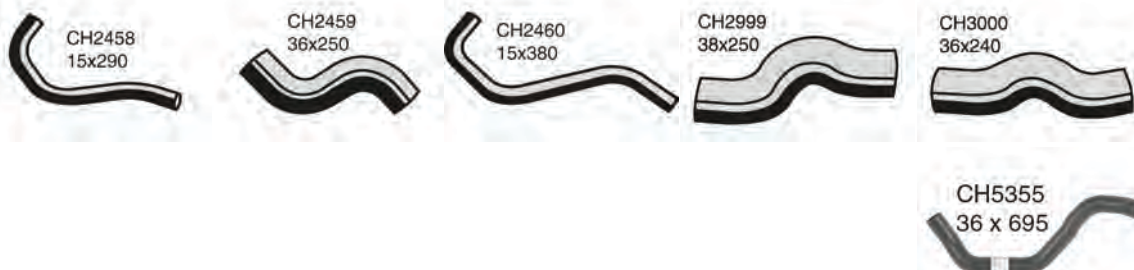
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HOLDEN

Make Model	Description	Mackay #	O.E.M #
<b>JACKAROO (BIGHORN, TROOPER)</b>			



## MONARO

### CV8 5.7 Litre V8 2001-2005

Top Hose	CH2808	92055623
Bottom Hose <i>Radiator To Cross Over 2001-02</i>	CH3028	92057860, 92104640
Bottom Hose <i>Radiator To Cross Over 2002-05</i>	CH3346	92112264
Bottom Hose <i>Pipe to Engine</i>	CH2956	92055621, 92089711



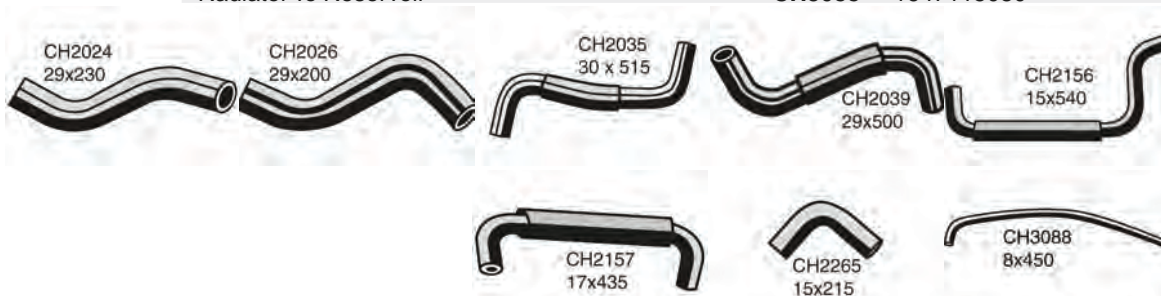
### NOVA LE:LF 1.4 6AFE, 1.6 LITRE 4AFC & 4AFE ENGINES 1989-94

Top Hose	CH1748	16571YA020
Top Hose <i>1.6 Litre 4AGE Engine</i>	CH5106	1657116090
Bottom Hose	CH1745	16572YA020
By Pass Hose <i>Water Inlet</i>	CH1749	1626202020
ByPass Hose <i>Thermostat to Engine (with EFI)</i>	CH3635	9044715021
By Pass Hose <i>Thermostat to pipe (with EFI)</i>	CH2297	1626202010, 1626215030
Heater Hose <i>Inlet tap to core</i>	CH4219	87245YA020
Heater Hose <i>Inlet Engine to Tap</i>	CH2016	87245YA010
Heater Hose <i>Outlet Core to engine</i>	CH5509	87245YA030



### NOVA LG 1.6, 1.8 LITRE 1994-96

Top Hose <i>1.6 litre</i>	CH2024	1657102090
Top Hose <i>1.8 litre</i>	CH2026	1657102100
Bottom Hose <i>1.6 litre</i>	CH2039	1657202080
Bottom Hose <i>1.8 litre</i>	CH2035	1657202090
Heater Hose <i>Engine to Valve</i>	CH2157	87245YA060
Heater Hose <i>Valve To Heater</i>	CH2156	87245YA070
Heater Hose <i>Heater To Engine</i>	CH2265	87245YA100
Radiator To Reservoir	CH3088	1647115080



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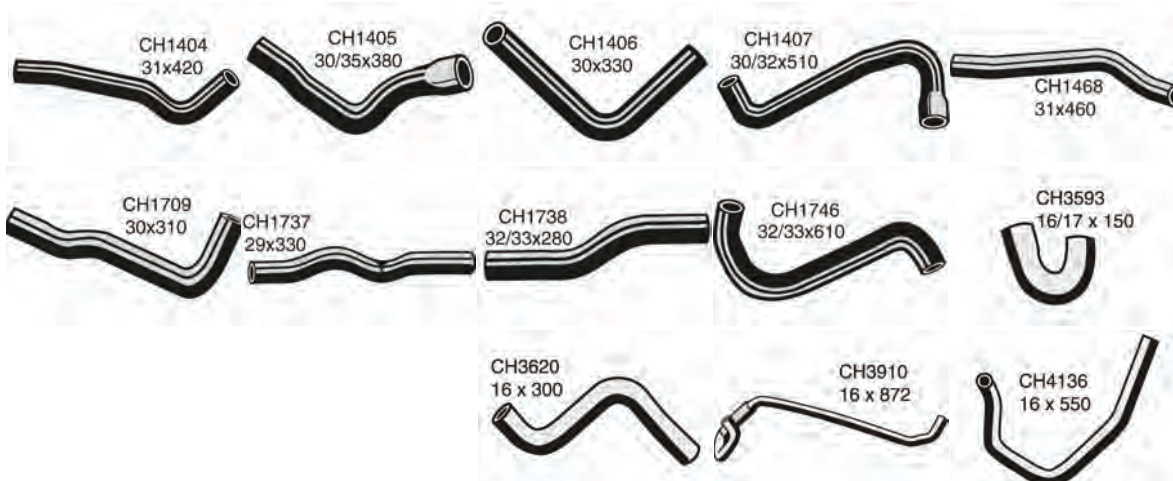
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Make Model	Description	Mackay #	O.E.M #
<b>RODEO</b>			
<b>KB,KD 1.6 Litre (Petrol) 1/81-12/82</b>			
	Top Hose	CH1404	8942942920
	Bottom Hose	CH1405	8942220602
	Heater Hose	CH3910	8944467530
<b>KB 2 Litre 1949cc (Petrol) 1983-87</b>			
	Top Hose	CH1468	8942943400
	Bottom Hose	CH1405	8942220602
<b>KB,KD 1.9 Litre (Diesel) 1981-82</b>			
	Top Hose	CH1406	8942220611
	Bottom Hose	CH1407	8942220621
<b>KB,KD 2.2 Litre C223 (Diesel) 1983-88</b>			
	Top Hose	CH1709	8941039490
	Bottom Hose	CH1746	8941303830
	Heater Hose <i>Manifold to Heater</i>	CH3620	5835650461
	By Pass Hose	CH3593	5093610240
	Oil Cooler Hose <i>pump to pipe</i>	CH4136	5093609393
<b>KB,KD 2.3 Litre (Petrol) 3/87-88</b>			
	Top Hose	CH1737	8941399822
	Bottom Hose	CH1738	8944109690


**TF 2.3 (Petrol) 4ZD 1988-96**

Top Hose	CH1993	8943894810
Bottom Hose	CH1994	8943373000
By Pass Hose 1993-96	CH3590	8941673245
Heater Hose <i>Engine to Pipe</i>	CH3610	8944740762
Heater Hose <i>Engine to Heater</i>	CH3604	8944502052
Heater Hose <i>Engine to Heater Pipe</i>	CH3606	8943811041
Heater Hose <i>Heater to Pipe</i>	CH3595	8944502024
Heater Hose <i>Heater to Engine</i>	CH4209	8941531852
Oil Cooler Hose <i>pipe 1 to engine</i>	CH4208	5093609341
Oil Cooler Hose <i>Engine to Cooler</i>	CH4207	5093611130


**TF 2.6 Litre (Petrol) 4ZEI 7/88-98**

Top Hose <i>With EFI</i>	CH1995	8944475491
Top Hose <i>With Carby</i>	CH1993	8943894810
Bottom Hose 1988-92	CH1992	8943881652
Bottom Hose 1993-98	CH1994	8943373000
ByPass Hose <i>To Thermostat Housing to 10/95</i>	CH3629	8970377740
ByPass Hose <i>To Thermostat Housing from 11/95</i>	CH5601	8971080790
ByPass Hose <i>Engine to Throttle Body to 12/92</i>	CH3621	8944713022
ByPass Hose <i>Throttle body to engine to 12/92</i>	CH3619	8944713012
ByPass Hose <i>Throttle body to engine from 01/93</i>	CH5600	8970378690
ByPass Hose <i>Engine to Throttle Body from 01/93</i>	CH5599	8970378680
Heater Hose <i>Heater to Pipe</i>	CH3595	8944502024
Heater Hose <i>Engine to Pipe 2</i>	CH3608	8944740772
Heater Hose <i>Engine to Heater</i>	CH3604	8944502052
Heater Hose <i>Engine to Heater Pipe</i>	CH3606	8943811041

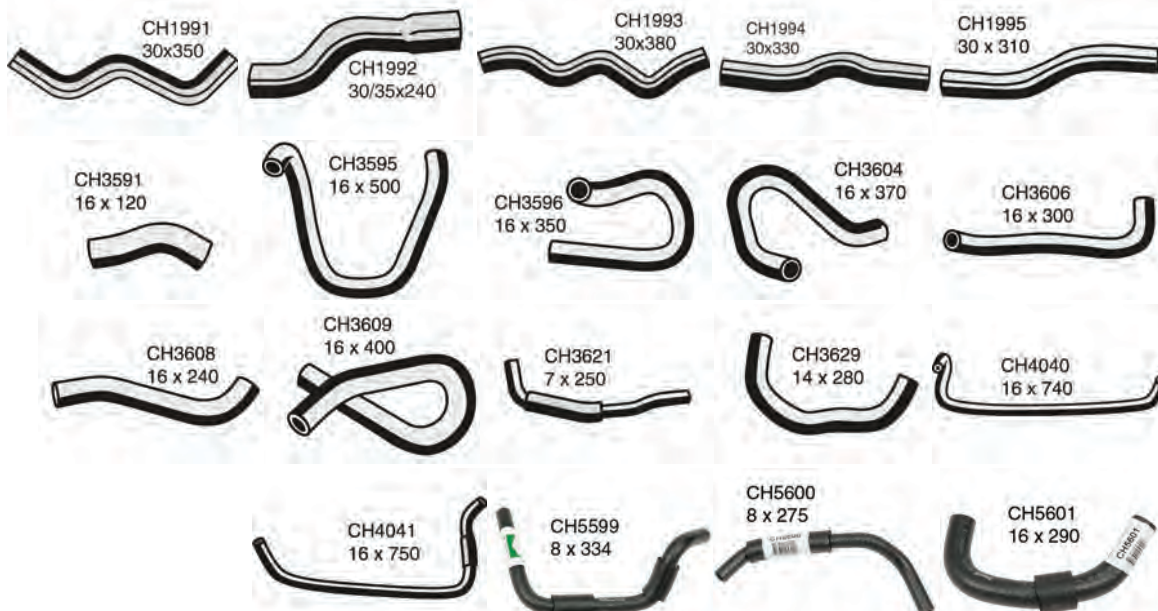
**TF 2.5 Litre ( 4JA1 Diesel) 5/90-12/92**

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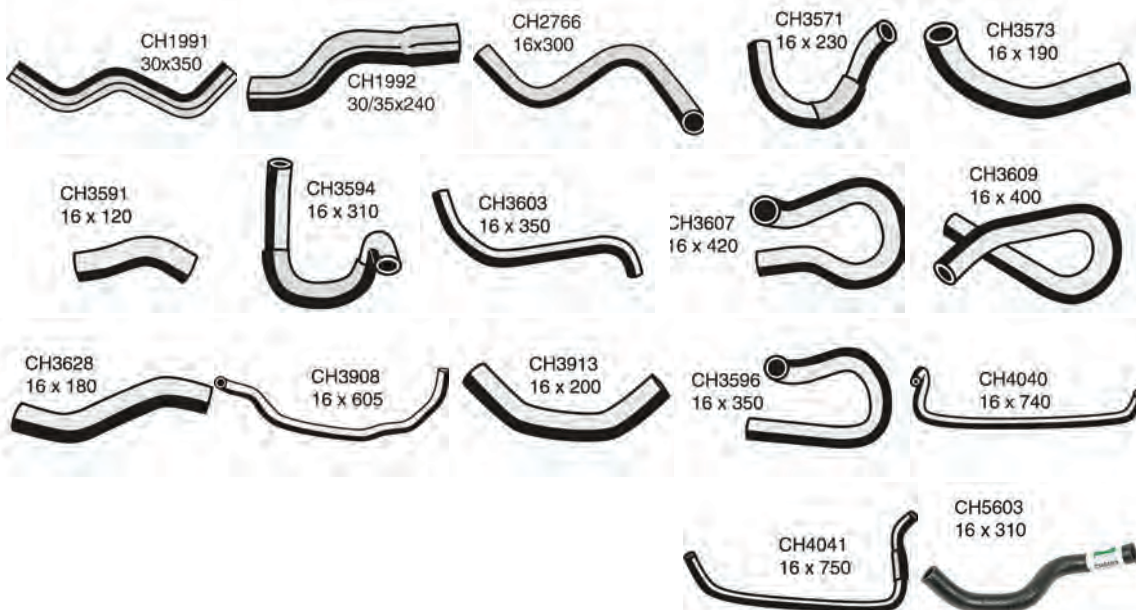
\* Supplied with Coil Spring. All dimensions in millimetres

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Make Model	Description	Mackay #	O.E.M #
<b>RODEO</b>			
	Top Hose	CH1991	8970230190
	Bottom Hose	CH1992	8943881652
	By Pass Hose	CH3591	8944192930
	Heater Hose <i>heater to pipe 1</i>	CH3609	8944502045
	Heater Hose <i>Engine to Heater</i>	CH3596	8944502073
	Engine Oil Cooler return Hose	CH4041	8944752062
	Engine Oil Cooler Hose <i>to cooler</i>	CH4040	8944752051

**TF 2.8 Litre 4JB1T (Diesel) 5/90-2003**

Top Hose	CH1991	8970230190
Bottom Hose	CH1992	8943881652
Heater Hose <i>Heater to Pipe 1 to 12/97</i>	CH3603	8943750400
Heater Hose <i>Engine to Heater to 12/97</i>	CH3607	8943750410
Heater Hose <i>To Water pipe from 1/98</i>	CH3594	8970239741
Heater Hose <i>Engine to Unit from 1/98</i>	CH3571	8970239751
ByPass Hose <i>on top of manifold (09/94-12/96)</i>	CH3908	8971195170
ByPass Hose <i>Pipe to Pipe back of engine (to 12/96)</i>	CH3913	8944535321
ByPass Hose <i>Pipe to Thermostat housing(to 12/96)</i>	CH2766	8944788842
ByPass Hose <i>Oil cooler return(coolant hose) (to 12/96)</i>	CH3628	8970391992
ByPass Hose <i>To water Pump</i>	CH3573	8943822471
ByPass Hose <i>LHS pipe to thermostat housing from 1/97</i>	CH5603	8970492850

**R9 2.2 Litre C22NE Engine 1998-2002**

Top Hose	CH3491	8971813900
Bottom Hose <i>to 4/98</i>	CH3490	8971813911
Bottom Hose <i>From 5/98</i>	CH3479	8972105920
Heater Hose <i>Unit to water Pipe</i>	CH3492	8971809220

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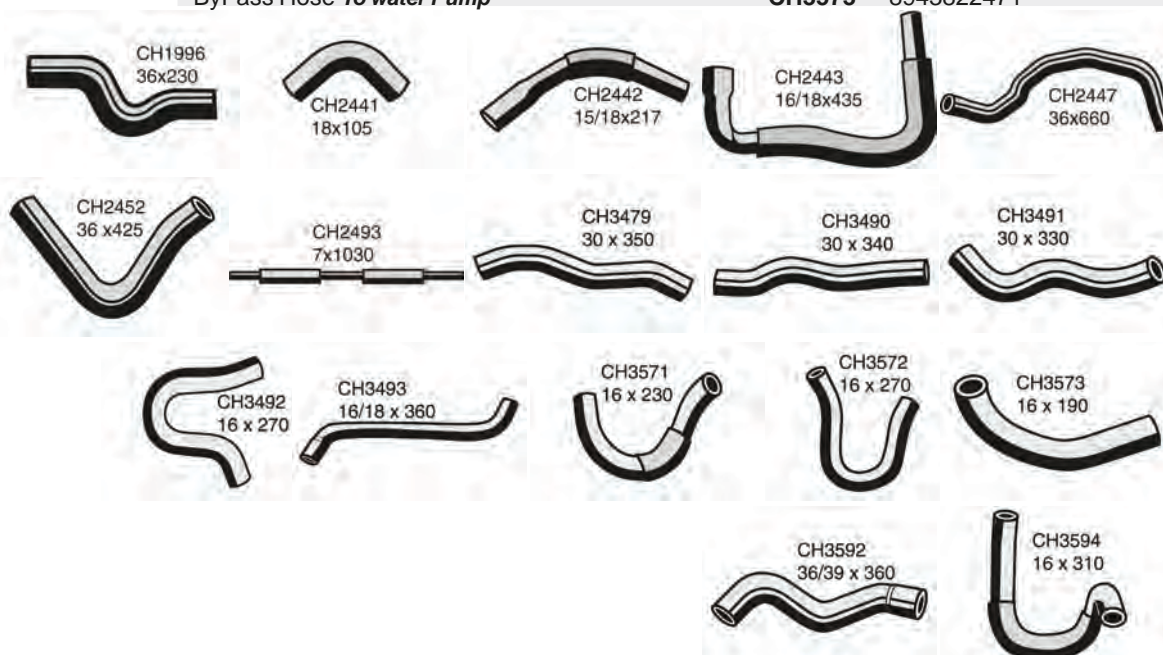
\* Supplied with Coil Spring. All dimensions in millimetres

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Make Model	Description	Mackay #	O.E.M #
<b>RODEO</b>			
<b>R9 3.2 Litre V6 (Petrol) 2/98-ON</b>	Heater Hose <i>Engine to Unit</i>	CH3572	8971809240
	By Pass Hose <i>Water Connector to Engine</i>	CH3493	8971753650
	Top Hose ( <i>Cut to Size, some applications</i> )	CH2452	8971777021 8973050080
	Bottom Hose	CH2447	8971777030
	Heater hose Feed No 2	CH2441	8971606251
	Heater Hose	CH2442	8971606262
	Heater to Pipe	CH2443	8943763380
	Surge Tank Hose	CH2493	8970643331
	<b>3.0 Litre (4JH1) Turbo Diesel 01/02-02/03</b>		
	Top Hose	CH3592	8972393520
	Bottom Hose	CH1996	8943751702
	Heater Hose <i>To Water pipe</i>	CH3594	8970239741
	Heater Hose <i>Engine to heater core</i>	CH3571	8970239751
	ByPass Hose <i>To water Pump</i>	CH3573	8943822471



## RA 2.4 Litre Y24SE 2006-2008

Vacuum Hose <i>Throttle Body</i>	CH5321	92063652
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## RA 3.5 Litre 6VE1 V6 2003 - ON

Top Hose	CH4058	8972484271
Bottom Hose	CH3830	8972484301
Heater Hose Outlet	CH3831	8972364870
Heater Hose Inlet	CH3832	8972364910

## RA 3.0 Litre Turbo Diesel 2003 - 2006

Top Hose	CH3829	8980039940
Bottom Hose	CH4059	8980039950
Heater Hose Inlet	CH4060	8972364940
Heater Hose Outlet	CH4061	8972364900

## RA 3.0 Litre Turbo Diesel 4JJ1 TFS85, TFR85 2 & 4WD 2007-2008

Top Hose	CH5214	8973636041
Bottom Hose	CH5215	8973636051
Heater Hose <i>inlet</i>	CH5217	8980071102
Heater Hose <i>outlet</i>	CH5218	8980071122
ByPass Hose <i>LHS pipe to Engine</i>	CH5510	8980116300
ByPass Hose	CH5511	8980318600
ByPass Hose <i>Thermostat to turbo coolant pipe</i>	CH5512	8973695901
ByPass Hose	CH5513	8980116321



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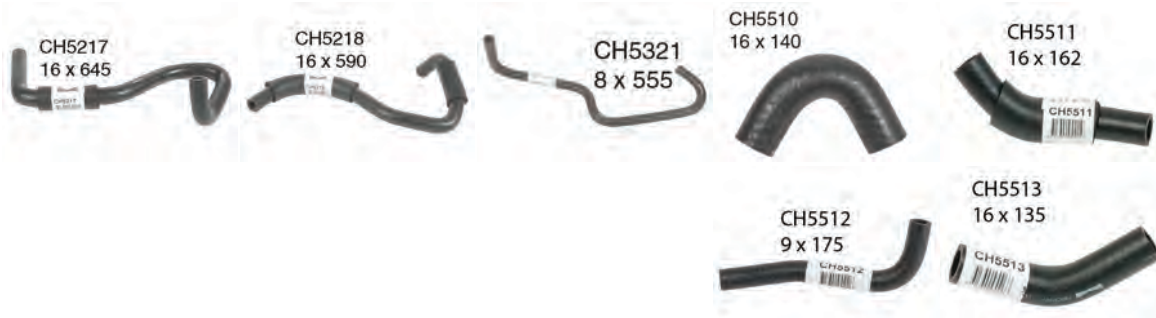
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HOLDEN

Make Model	Description	Mackay #	O.E.M #
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**RODEO****SUNBIRD UC, 1.9 Litre O.H.V. Starfire Engine 1978-80**

Top Hose without A/C'	CH1175	9946082
Bottom Hose	CH1176	9946398

**TORANA****HB, LC, LJ 4Cyl 1.2, 1.3 Litre O.H.V. 1967-74**

Top Hose	CH776	7184487
Bottom Hose <i>with out Heater</i>	CH777	7447905
Bottom Hose <i>with heater extension</i>	CH779	7447907

**LC, LJ 4 Cyl 1.6, 1.8 Litre 1969-74**

Top Hose	CH973	2820601
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**LC, LJ 6 Cyl 2.2, 2.6 & 2.8 Litre 1970-74**

Top Hose	CH822	2805211
Bottom Hose	CH637	7420304
Heater -Manifold Inlet and Outlet (length 438mm)	CH735	7429468
Heater -Manifold Outlet	CH1018	9928722
Hose-Engine Breather	CH791	7438562

**TA 4 Cyl 1.3 Litre 1974-75**

Top Hose	CH776	7184487
Bottom Hose <i>with out heater</i>	CH777	7447905
Bottom Hose <i>with heater extension</i>	CH779	7447907

**LH, LX 1.9 Litre O.H.C., UC Sunbird Opel Engine 1974-78**

Top Hose	CH1016	9933373
Bottom Hose	CH1015	9933823
Bottom Hose <i>With A/C 1977-78</i>	CH1149	9938144

**LH, LX, UC 2.8, 3.3 Litre 1974-80**

Top Hose <i>Without A/C (Standard Radiator)</i>	CH935	2812209
Top Hose <i>With A/C (H.D. RADIATOR)</i>	CH936	993412
Bottom Hose	CH943	2812210
Hose- Engine Breather without Emission Control	CH791	7438562
Heater -Manifold Inlet <i>Without A/C' (STD Rad)</i>	CH1018	9928722
Heater Hose-Manifold to Heater Inlet	CH1125	9928602

**LH, LX 4.2, 5.0 Litre V8 1974-78**

Top Hose	CH818	2812270
Bottom Hose	CH944	2812269
By Pass Hose	CH1128	9941032



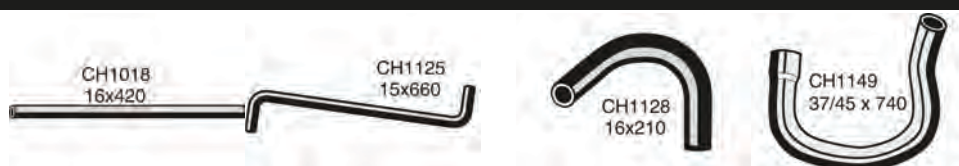
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Make Model	Description	Mackay #	O.E.M #
<b>TORANA</b>			



## VECTRA JR 2.0 LITRE C20SEL ENGINE 1997-98

Top Hose	CH2512	90512484
Heater Hose <i>inlet</i>	CH5234	90530088



## VECTRA JR V6 2.5 LITRE 1997-99

Top Hose	CH2661	90541138
Bottom Hose	CH2654	90541679
Water Pump Return	CH2652	90500529
Heater Feed Hose	CH2662	90529689



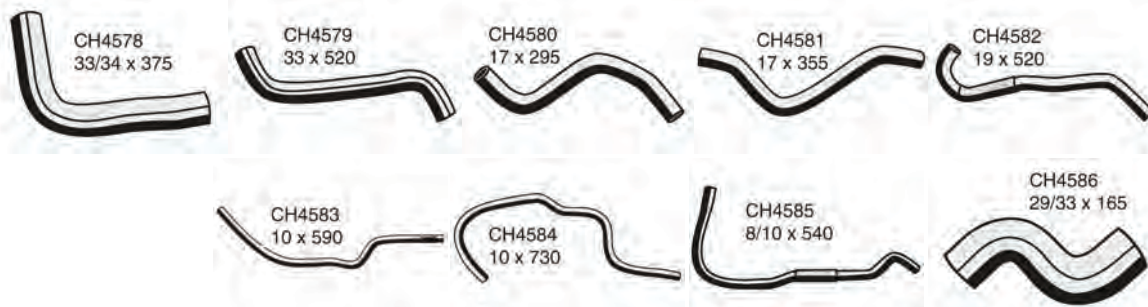
## VECTRA JS 2.2 LITRE C22SE ENGINE 1997-2003

ByPass Hose	CH4981	90499810
ByPass Hose	CH4980	90530373
ByPass Hose	CH4992	90529977



## VIVA JF 1.8 LITRE F18D3 ENGINE 2005-2008

Top Hose	CH4578	96419282
Bottom Hose <i>pipe to water pump</i>	CH4586	96419280
Bottom Hose <i>radiator to pipe</i>	CH4579	96419283
Heater Hose <i>pipe to heater return</i>	CH4581	96433319
Heater Hose <i>inlet</i>	CH4582	96413315
ByPass Hose <i>pipe to surge tank</i>	CH4580	96419279
ByPass Hose <i>throttle body return</i>	CH4585	96419284
ByPass Hose <i>throttle body inlet</i>	CH4584	96419285
Expansion Tank Hose <i>Radiator to surge tank</i>	CH4583	96553305



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HONDA

Make Model	Description	Mackay #	O.E.M #
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**HONDA****ACCORD****4cyl export only 1984-85**

Bottom Hose

CH4566 19502PH1010

**1.6 Litre (1599cc EG) 1977-79**

Top Hose

CH1130 19501671000

Bottom Hose

CH1131 19502671000

**1.6 Litre (1602cc EL) 1979-83**

Top Hose

CH1130 19501671000

Bottom Hose

CH1293 19502689000

**1.8 Litre (ET,EU) 1984-85**

Top Hose

CH2107 19501PD2000

Bottom Hose

CH2088 19502PD2000

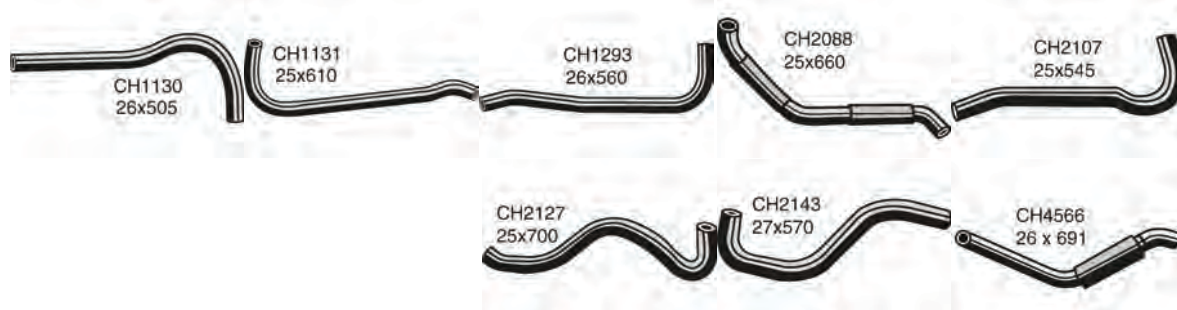
**1.8 Litre CA1 A18A Engine 1985-91 NZ & Export**

Top Hose

CH2143 19501PH1000

Bottom Hose

CH2127 19502PH3020

**2.0 B20A DOHC 1985-89 NZ & Export**

Top Hose

CH2126 19501PH1J00

Bottom Hose

CH2127 19502PH3020

**2.0 Litre 1986-89 (Left Hand Drive Application)**

Heater Hose Inlet #1

CH3709 79720SE0000

**2.3 Litre F23 A Engine 1998-2002 (USA left hand drive application)**

Bottom Hose

CH4215 19502PAAA00

**2.2 Litre 1990-93 (left hand drive application)**

Heater Hose heater to tape

CH3733 79725SM1040

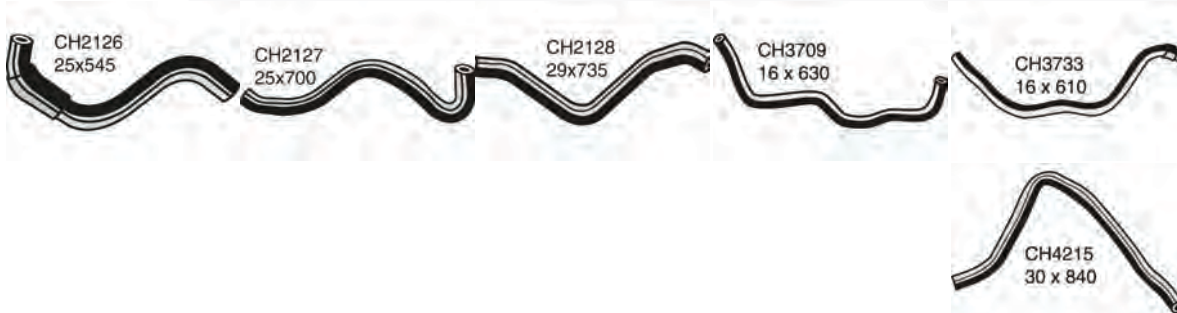
**CA5,CA6 A20A Engine 1986-91**

Top Hose

CH2126 19501PH1J00

Bottom Hose

CH2128 19502PH1020

**CB3 2.0 Litre F20A5 Engine 1989-92 NZ & Export**

Top Hose

CH2124 19501PT0000

Bottom Hose

CH2664 19502PT0000

**CB 2.2Litre (F22A) 1989-94**

Top Hose

CH2124 19501PT0000

Bottom Hose

CH2664 19502PT0000

Heater Hose Valve to Heater

CH3363 79722SM4010

Heater Hose Engine to Valve

CH3364 79721SM4010

Heater Return Hose

CH3365 79725SM4050

By Pass Hose

CH3366 19504PT2000

By Pass Hose pipe to oil cooler

CH3367 19521PT2000

**CB 1.8 litre F18A Engine 1990-94 NZ & Export**

Top Hose

CH2124 19501PT0000

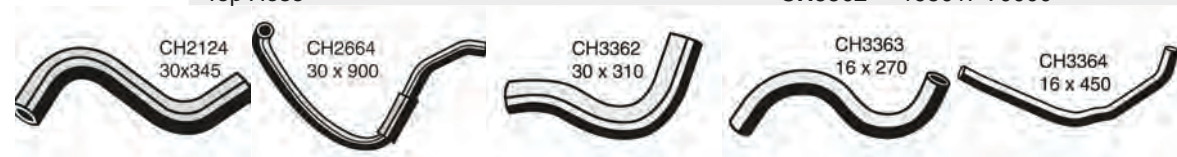
Bottom Hose

CH2664 19502PT0000

**CB5 2.0 Litre (G20A) Engine 1990-94**

Top Hose

CH3362 19501PV0000



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Make Model	Description	Mackay #	O.E.M #
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## ACCORD

HONDA



### CD 2.2 Litre (F22B) 1993-97

Top Hose	CH2184	19501P0A000
Bottom Hose-Auto. Trans	CH2189	19502P0A901
Bottom Hose manual Trans (SN OC000386 On)	CH2606	19502P0A010
Heater Hose Outlet	CH2542	79725SV4000
Heater Hose Inlet	CH2470	79722SV4000
Heater Hose to tap	CH2666	79721SV4000

### CD 3 Litre J30A1 Engine 1997-2000

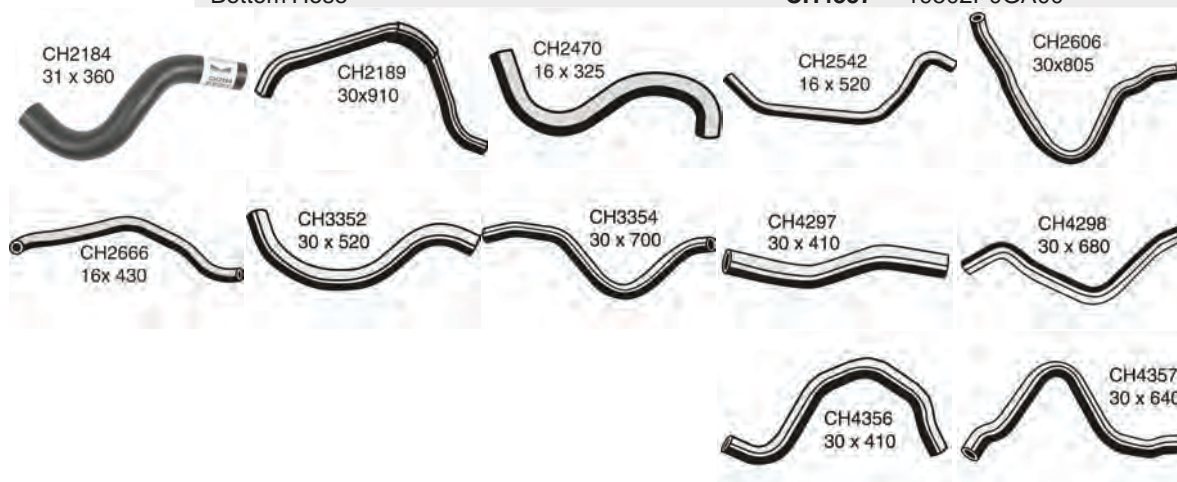
Top Hose	CH3352	19501P8CA00
Bottom Hose	CH3354	19502P8AA00

### CD 3.0 Litre J30A Engine 2003-2006

Top Hose	CH4297	19501RCAA00
Bottom Hose	CH4298	19502RCAA00

### CD 5th Generation 2.7 Litre C27A V6 Engine 1994-97

Top Hose	CH4356	19501P0GA00
Bottom Hose	CH4357	19502P0GA00



### CL Euro 2.4 Litre K24A 2002-05/2008

Top Hose	CH5548	19501RBB000
Bottom Hose	CH5549	19505RBA000
ByPass Hose Inlet	CH5550	19504RAAA00
ByPass Hose Throttle Body Inlet	CH5551	19508RBB000
ByPass Hose Throttle Body Outlet	CH5552	19509RBB000
ByPass Hose Oil Cooler Outlet	CH5553	19423PRBA00
ByPass Hose Oil Cooler Inlet	CH5554	19422RBC000
Heater Hose inlet (A) engine to tap	CH5555	79721SDC000
Heater Hose Inlet (B) Tap to Core	CH5556	79722SDC000
Heater Hose Outlet core to engine	CH5557	79725SDC000



### EX A20A4 Engine 1987-89

Top Hose	CH3324	19501PAAA00
Bottom Hose	CH2127	19502PH3020

### LX-i 2.0 Litre A20A4 1986-89

Bypass Hose	CH4399	19508PH1000
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HONDA

Make Model	Description	Mackay #	O.E.M #
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**ACCORD HYBRID****3.0 Litre J30A1 engine**

Top Hose	CH4544	19501RCJA00
Bottom Hose	CH4545	19502RCJA00

**ASCOT****CB1 1.8 Litre F18A Engine 1989-95 NZ & Export**

Top Hose	CH2124	19501PT0000
Bottom Hose	CH2664	19502PT0000

**CB3 2.0 Litre F20A Engine 1989-95 NZ & Export**

Top Hose	CH2124	19501PT0000
Bottom Hose	CH2664	19502PT0000

**CB4 4WS 2.0 Litre F20A DOHC Engine 1990-95 NZ & Export**

Top Hose	CH2124	19501PT0000
Bottom Hose	CH2664	19502PT0000

**CITY 1.2 LITRE 1984-89 NZ & Export**

Top Hose	CH2770	19501PC0010
Bottom Hose <i>Automatic</i>	CH2771	19502PC0901

**CITY 1.2 LITRE 1984-86**

Top Hose	CH2770	19501PC0010
Bottom Hose	CH2771	19502PC0901
Heater Hose Inlet	CH2767	39311SA7030
Heater Hose Outlet A	CH2768	39312SA7010
Heater Hose Outlet B	CH2769	39313SA7040

**CIVIC****7th Gen 1.7 Litre D17Z1 Engine 2000-2005**

Top Hose	CH4260	19501PLCJ00
Bottom Hose ( <i>auto</i> )	CH4304	19502PLC000
Bottom Hose ( <i>Manual</i> )	CH4302	19502PLD000
Bottom Hose <i>SI</i>	CH4303	19502PRA000
Connecting pipe Hose	CH4256	19503PLC000

**7th Gen 2.0 Litre K20A Engine 2001-2005**

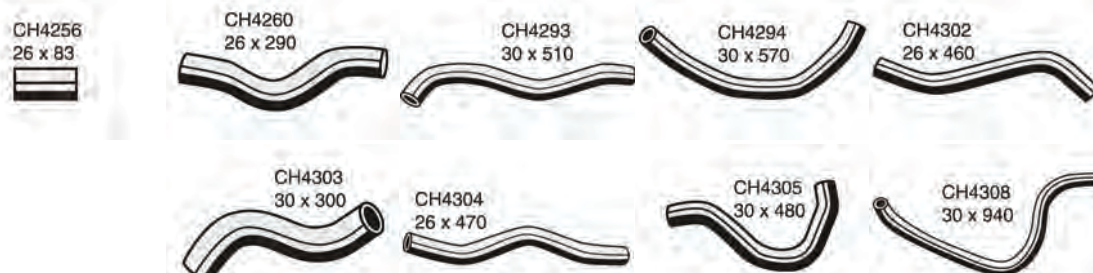
Top Hose 2003-On	CH4305	19501PRA000
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**7th Gen 2.2 Litre H22A 1997-2001**

Bottom Hose	CH4308	19502P5M000
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**7th Gen 2.4 Litre K24A Engine 2003-07**

Top Hose	CH4294	19505RAAA00
Bottom Hose	CH4293	19501RAAA00

**8th Gen 1.8 Litre RA engine 2006**

Top Hose	CH4299	19501RNAA01
Bottom Hose <i>USA Built</i>	CH4300	19504RNBA01
Bottom Hose <i>Japan Built</i>	CH4301	19502RNAA01

**8th Gen 2.0 Litre K20Z Engine 2006**

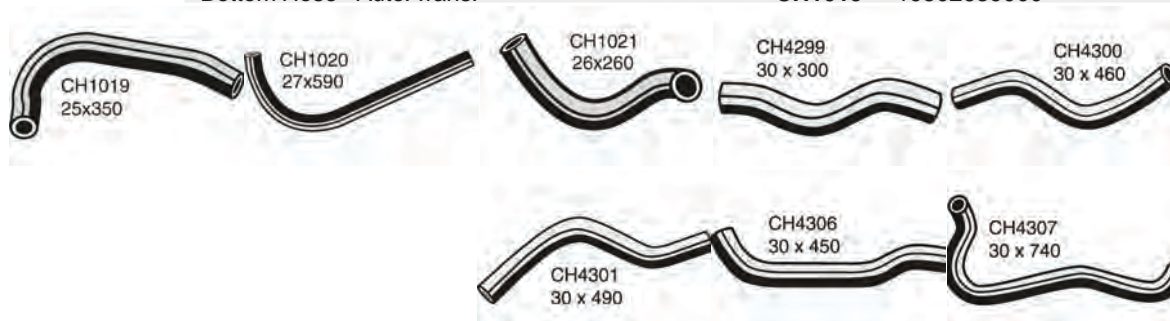
Top Hose	CH4306	19501RRAA01
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Make Model	Description	Mackay #	O.E.M #
<b>CIVIC</b>			
<b>SB 1200 (EB) 1973-79</b>	Bottom Hose	<b>CH4307</b>	19504RRAA01
	Top Hose	<b>CH1020</b>	19501634010
	Bottom Hose - Man. Trans.	<b>CH1021</b>	19502634000
	Bottom Hose - Auto. Trans.	<b>CH1019</b>	19502639000



<b>1500 1975-78</b>	Top Hose	<b>CH1139</b>	19501657010
	Bottom Hose Manual Trans	<b>CH1140</b>	19502657010
	Bottom Hose Auto. Trans	<b>CH1141</b>	19502657901



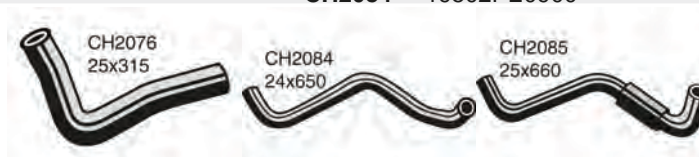
<b>SL 1300 (EN) 1980-84</b>	Top Hose	<b>CH1789</b>	19501PAI010
	Bottom Hose - Auto. Trans	<b>CH1790</b>	19502PAI900
	Bottom Hose - Man.	<b>CH1791</b>	19502PAI000



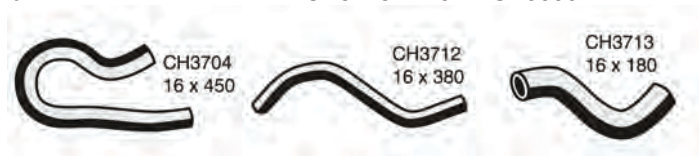
<b>1.3 Litre EF1 1.3 Litre D13B Engine 1987-91 NZ &amp; Export</b>	Top Hose	<b>CH2078</b>	19501PM3000
	Bottom Hose	<b>CH2077</b>	19502PM3000



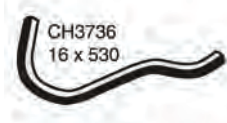
<b>AL 1500 (EW) 1984-87</b>	Top Hose	<b>CH2076</b>	19501PE0010
	Bottom Hose Manual Trans.	<b>CH2085</b>	19502PE0020
	Bottom Hose Auto Trans.	<b>CH2084</b>	19502PE0900



<b>DX 1.6 Litre 3door, EX Si 1992-95 (Left Hand Drive)</b>	ByPass Hose	<b>CH3704</b>	19508P08000
	Heater Hose Outlet	<b>CH3712</b>	79725SR3000
	Heater Hose Inlet # 2 1992-97	<b>CH3713</b>	79722SR3000



<b>Del Sol,s, Si 1996-97 (left Hand Drive Application)</b>	Heater Hose Valve to Engine	<b>CH3736</b>	79721SR3000
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HONDA

Make Model	Description	Mackay #	O.E.M #
CIVIC			
CX/DX/LX 1.6 Litre 1996-00 (Left Hand Drive)	ByPass Hose	CH3702	19508P2A000
			
EF3 1.6 Litre ZC DOHC Engine 1987-89 NZ & Export	Top Hose	CH2087	19501PM7000
	Bottom Hose	CH2077	19502PM3000
			
1.5 Litre 1984-87 ( Left Hand Drive Application)	Heater Hose Inlet #1	CH3706	39311SD9000
	Heater Hose Outlet	CH3699	39312SB6000
1.6 Litre 4 Cyl 1988-91 ( Left Hand Drive Application)	Heater Hose Outlet	CH3700	79725SH3010
	Heater Hose Inlet #1	CH3710	79721SH3000
			
ED 1500 1988-91	Top Hose	CH2078	19501PM3000
	Bottom Hose	CH2077	19502PM3000
EG 1500 (D15B4) 1992-93	Top Hose	CH2122	19501P08000
	Bottom Hose	CH2123	19502P03000
EG 1500 (D15B7) 1993-95	Top Hose	CH2122	19501P08000
	Top Hose 1994-95	CH2125	19501P29000
	Bottom Hose	CH2129	19502P08000
EG 1600 (D16A) 1991-95	Top Hose 1994-95	CH2125	19501P29000
	Top Hose 1992-93	CH2122	19501P08000
	Bottom Hose	CH2123	19502P03000
			
EK 1.6 Litre 1995-2000	Top Hose	CH3422	19501P30000
	Bottom Hose	CH3426	19502P30000
	ByPass Hose <i>thermostat to engine</i>	CH4257	19508P2J000
			
CIVIC HYBRID			
1.3 Litre L14 engine 2006-on	Top Hose	CH4550	19501RMX000
	Bottom Hose <i>front</i>	CH4551	19504RMX000
	Bottom Hose	CH4552	18502RMX000
1.3 Litre LDA1 14 SOHC engine 2003-05	Top Hose	CH4548	19501PZA000
	Bottom Hose	CH4549	19502PZA000

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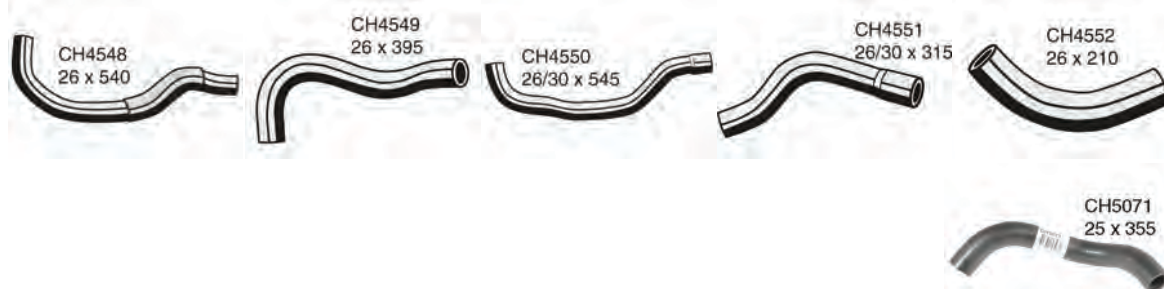
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Make Model	Description	Mackay #	O.E.M #
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## CIVIC HYBRID

Bottom Hose *water pipe to block*

CH5071 19504PZA000



## CONCERTO 1.6 LITRE 1989-91

Top Hose	CH2078	19501PM3000
Bottom Hose Man. Trans.	CH2077	19502PM3000



## CRV 4CYL 2.0L (4x4) 1997-01

Top Hose	CH3043	19501P3F000
Bottom Hose <i>Manual Transmission</i>	CH2845	19502P3FJ00
Bottom Hose	CH3042	19502P3F000
By Pass Hose	CH3044	19508P3F010



## CRV RD1 2.0 LITRE B20B DOHC 1995-99 NZ & EXPORT

Top Hose	CH3043	19501P3F000
Bottom Hose	CH3042	19502P3F000



## CRV 2 LITRE 98-ON (LEFT HAND DRIVE)

By Pass Hose <i>Auto Trans 99-01</i>	CH3698	19508PHK00
Heater Hose <i>heater to engine</i>	CH3734	79725S10A00
Heater Hose <i>valve 1 to intake manifold</i>	CH3737	79721S10A00



## CRV 2.4 LITRE K24A1 2005-06 (LEFT HAND DRIVE)

Top Hose	CH5068	19501PNBJ00
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HONDA

Make Model	Description	Mackay #	O.E.M #
<b>CRV RD7 2.4 LITRE K24A ENGINE 2000-07</b>			
	Top Hose	CH4609	19501PNB000
	Bottom Hose <i>from 01/02</i>	CH4610	19502PNB000
	Heater Hose <i>Outlet</i>	CH5414	79725S9A000
	Heater Hose <i>Inlet Tap to Engine</i>	CH5413	79722S9A000
	Heater Hose <i>Inlet Tap to Heater</i>	CH5412	79721S9A000



## CRV RE 2.4 LITRE K24Z1 14 ENGINE 2007-2011

Top Hose	CH5123	19501RZAA01
Bottom Hose	CH5069	19502RZAA01



## CRX ED 1.6 LITRE D16A ENGINE 1987-92

Bypass Hose <i>Thermostat to Engine</i>	CH4361	19508PM6000
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## CRX 1590cc B16A2 ENGINE 1988-91

Top Hose	CH2087	19501PM7000
Bottom Hose	CH2077	19502PM3000



## CRX 1590cc B16A2 ENGINE 1992-98

Top Hose	CH3422	19501P30000
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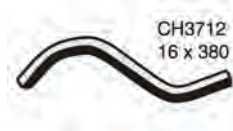
## DE SOL 1.6 LITRE 1992-95 (LEFT HAND DRIVE)

ByPass Hose	CH3704	19508P08000
Heater Hose Inlet #2	CH3713	79722SR3000



## DE SOL 1.6 LITRE 1993-97 (LEFT HAND DRIVE)

Heater Hose	CH3712	79725SR3000
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Make Model	Description	Mackay #	O.E.M #
<b>DE SOL 1.6 LITRE 1996-97 (LEFT HAND DRIVE)</b>			
	ByPass Hose	CH3702	19508P2A000



<b>DOMANI MA4/MA6 (4WD) 1.6 LITRE ZC ENGINE 1992-96 NZ &amp; EXPORT</b>			
	Top Hose	CH2122	19501P08000
	Bottom Hose	CH2129	19502P08000



<b>FIT GD1 1.3 LITRE L13 A ENGINE 2002-ON</b>			
	Bottom Hose Auto	CH4259	19502PWA000



<b>HR-V 1.6 LITRE D16W ENGINE 1999-2001</b>			
	Top Hose	CH4389	19501PEL000
	Bottom Hose	CH4258	19502PEL000



<b>INSIGHT HYBRID 1.0 LITRE 2000-06</b>			
	Top Hose	CH4546	19501PHM000
	Bottom Hose	CH4547	19502PHM000



<b>INTEGRA 1.6L (D16A)</b>			
1986-88	Top Hose	CH2079	19501PG6010
	Bottom Hose	CH2103	19502PG7000



<b>INTEGRA DA2-100 1.5 LITRE 1986-89 NZ &amp; EXPORT</b>			
	Top Hose	CH3355	19501PE4750



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HONDA

Make Model	Description	Mackay #	O.E.M #
<b>INTEGRA DA5, DA7 1.6 LITRE 1988-93 NZ &amp; EXPORT</b>			
	Top Hose	CH3353	19501PR5000
	Bottom Hose	CH3360	19502PR5000



<b>INTEGRA DA6, DA8 1.6 LITRE B16A 1989-93</b>			
	Top Hose	CH3357	19501PR3000



<b>INTEGRA TYPE R 1997-01 1.6 LITRE (LEFT HAND DRIVE)</b>			
	Heater Hose Outlet	CH3712	79725SR3000
	Heater Hose Inlet # 2	CH3713	79722SR3000



<b>INTEGRA DC/DB 1.8 LITRE 4VTEC DOHC (B18C) ENGINE 1993-98</b>			
	Top Hose	CH3298	19501P72000
	Bottom Hose	CH3361	19502P72000
	ByPass Hose	CH4317	19508P75000



<b>INTEGRA 1.8 LITRE B18A ENGINE 1989-93 RHD &amp; RS/GS/LS 1990-93 (LHD APPLICATION)</b>			
	Top Hose	CH3697	19501PR4A00
	Heater Hose Inlet #1	CH3701	79721SK7A00
	Heater Hose Outlet	CH3711	79725SK7000



<b>INTEGRA GSR 1.8 LITRE 2000-01 (LEFT HAND DRIVE APPLICATION)</b>			
	ByPass Hose	CH3735	79722S02A00



<b>JAZZ GD 1.5 LITRE L15A1 ENGINE 2002-2006</b>			
	Top Hose	CH3915	19501PWAJ00, 19501PWC000
	Bottom Hose	CH4390	19502PWC000
	Heater Hose Inlet	CH3926	79721SAAJ10
	Heater Hose	CH3927	79725SAAJ00



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Make Model	Description	Mackay #	O.E.M #
<b>JAZZ GD 1.3 LITRE L13A1 ENGINE 2002-2006</b>			
	Top Hose	CH3915	19501PWAJ00
	Bottom Hose	CH3914	19502PWAJ00
	Heater Hose Outlet	CH3917	79725SAA000
	Heater Hose InLet	CH3916	79721SAA900



## LEGEND

### 2.5 & 2.7 Litre 1986-91

Top Hose	CH2083	19501PH7000
Bottom Hose	CH2086	19502PH7000

### 3.2 L (C32A3)

1991-95 Top Hose	CH2132	19501PY3000
4/91-92 Bottom Hose	CH2130	19502PY3000
1993-95 Bottom Hose	CH2131	19502PY3010



### LEGEND KA 3.5 LITRE C35A3 05/96-2003

Top Hose	CH2132	19501PY3000
Bottom Hose	CH2131	19502PY3010



### LEGEND KB 3.5 LITRE J35A8 ENGINE 08/06-07/08

Top Hose	CH5537	19501RJAJ00
Bottom Hose	CH5476	19502RJAJ00



### LOGO GA3 1.3 LITRE D13B ENGINE 1996-99

Top Hose	CH3356	19501P7A000
ByPass Hose	CH4255	19508P7A000



### MDX 3.5 LITRE J35A5 ENGINE 2002-2006

Top Hose	CH4720	19501RDJ000
Bottom Hose	CH4721	19502RDJ000



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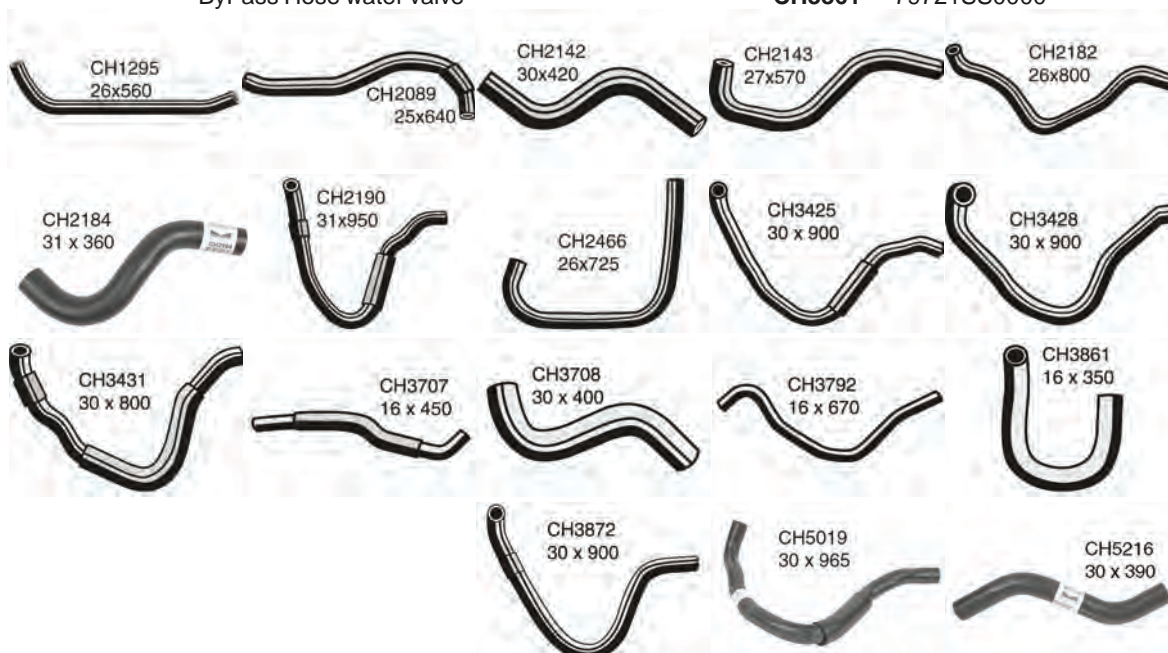
HONDA

Make Model	Description	Mackay #	O.E.M #
<b>ODYSSEY 2.2 LITRE F23Z4 ENGINE 1995-05</b>			
	Top Hose	CH3886	19501P1E000
	Bottom Hose	CH2189	19502P0A901
			
<b>ODYSSEY 2.2 LITRE F22B6 ENGINE 1994-97</b>			
	Top Hose	CH3886	19501P1E000
	Bottom Hose	CH2189	19502P0A901
	Heater Hose <i>inlet Heater to tap</i>	CH5356	79722SX0000
	Heater Hose <i>Outlet</i>	CH2542	79725SV4000
	Heater Hose <i>inlet Tap to Engine</i>	CH5357	79721SX0000
			
<b>ODYSSEY 2.3 LITRE F23Z4 ENGINE 1995-05</b>			
	Top Hose	CH3886	19501P1E000
	Bottom Hose	CH2189	19502P0A901
			
<b>ODYSSEY 2.4 LITRE F24A6 ENGINE 1995-ON</b>			
	Top Hose	CH3853	19501RFE000
	Bottom Hose	CH3852	19505RFE000
			
<b>ODYSSEY 3.0 LITRE J30A3 ENGINE 2000-04</b>			
	Top Hose	CH3851	19501PGNJ00
	Bottom Hose	CH3854	19502P8BJ00
			
<b>PRELUDE</b>			
<b>1.6 Litre (1602cc)</b>			
	Top Hose 1979-83	CH2466	19501692000
	Bottom Hose 1979-83	CH1295	19502692000
	Top Hose 1983-85	CH2143	19501PC6000
<b>1.9 Litre 1983-85</b>			
	Bottom Hose	CH2089	19502PC6901
<b>2.0 Litre (B20A) 1988-91</b>			
	Top Hose (1/90 to 12/91)	CH2142	19501PK2000
	Top Hose to 12/1989	CH5216	19501PK1000
	Bottom Hose (Auto Trans 1/88-12/88)	CH3428	19502PK1900
	Bottom Hose (Manual Trans 88-91)	CH3431	19502PK1010
<b>2.0 Litre 1989-91 (Left Hand Drive Application)</b>			
	Heater Hose Outlet	CH3707	79725SF1A00
<b>2.2 Litre F22 Engine 1991-96</b>			
	Bottom Hose	CH3425	19502P39000
	Bottom Hose (USA & export model)	CH5019	19502P14A00
<b>2.3 Litre H23 Engine 1991-96</b>			
	Bottom Hose	CH3425	19502P39000
	Bottom Hose (USA & export model)	CH5019	19502P14A00
<b>2.2 Litre Coupe 1994-97 (USA &amp; export model)</b>			
	Top Hose	CH2184	19501P0A000
	Bottom Hose	CH2182	19502P2A000

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Make Model	Description	Mackay #	O.E.M #
<b>PRELUDE</b>			
2.2 Vat Automatic 1994-97			
	Bottom Hose	CH2190	19502P13A00
2.2 Litre 5th Gen 1994-97			
	Top Hose	CH3708	19501P5M000
2.2 Litre H22A4 Engine VTi BB6 Series 1997-5/02			
	Top Hose	CH2184	19501P0A000
	Bottom Hose	CH3872	19502P5MJ00
	Heater Hose Outlet	CH3792	79725S30000
	ByPass Hose water valve	CH3861	79721SS0000



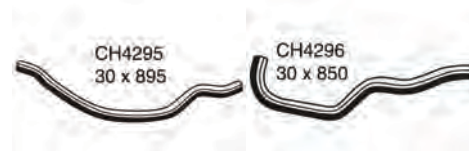
## RIDGELINE 3.5 LITRE V6 2006-2008

Top Hose	CH5478	19501RJEAO1
Bottom Hose	CH5477	19502RJEAO1



## S2000 2.0 LITRE F20C 2000-06

Top Hose	CH4295	19501PCX010
Bottom Hose	CH4296	19502PCX010



## SABER 2490cc UA4 J25A 1998-ON

Top Hose	CH3352	19501P8CA00
Bottom Hose	CH3354	19502P8AA00



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Make	Model	Description	Mackay #	O.E.M #
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**HYUNDAI****ACCENT LC 1.5 LITRE 2000-2003**

Top Hose	CH3049	2541125100
Bottom Hose	CH3050	2541225100
Heater Hose <i>Outlet</i>	CH3052	9732125150
Heater Hose <i>Inlet</i>	CH3051	9731125150

**ACCENT LC 1.5 LITRE USA & EXPORT 2000-01**

Top Hose	CH5012	2541125000
Bottom Hose	CH5015	2541225000

**ACCENT LC, LS 1.6 LITRE G4ED ENGINE 2003-04/2006**

Top Hose <i>Outlet 03/03-03/04</i>	CH4822	2541125101
Bottom Hose	CH3050	2541225100
Heater Hose <i>Outlet 03/03-03/04</i>	CH5481	8732025160
Heater Hose <i>Outlet 03/04-04/06</i>	CH5500	9732025162

**ACCENT MC 1.6 LITRE G4ED ENGINE 05/2006-01/2010**

Top Hose	CH5534	254111E000
Bottom Hose	CH5515	254121E100, 254121E000
Heater Hose <i>Outlet</i>	CH5518	973201E200
Heater Hose <i>inlet</i>	CH5535	973101E200

**AZERA / GRANDEUR 3.8 LITRE 2006-2007**

Top Hose	CH4773	254143L200
Bottom Hose	CH4808	254153L200

**ELANTRA HD 2.0 LITRE (G4GC) ENGINE 10/06-05/11**

Heater Hose <i>Outlet</i>	CH4755	973122H200
Heater Hose <i>Inlet</i>	CH4753	973112H200

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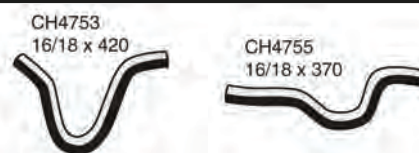
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Make Model	Description	Mackay #	O.E.M #
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## ELANTRA HD 2.0 LITRE (G4GC) ENGINE 10/06-05/11



## ELANTRA XD 1.8 LITRE G4GB ENGINE 2000-03

Top Hose	CH2987	254112D100
Bottom Hose <i>Manual Transmission</i>	CH2988	254122D200
Bottom Hose <i>Automatic Transmission</i>	CH2989	254122D100
Heater Hose <i>Inlet</i>	CH2990	973212D100
Heater Hose <i>Outlet</i>	CH2991	973222D100



## ELANTRA XD 2.0 LITRE G4GC ENGINE 2000-03

Top Hose	CH2987	254112D100
Bottom Hose <i>Manual Transmission</i>	CH2988	254122D200
Bottom Hose <i>Automatic Transmission</i>	CH2989	254122D100
Heater Hose <i>Inlet</i>	CH2990	973212D100
Heater Hose <i>Outlet</i>	CH2991	973222D100



## ELANTRA XD 2.0 LITRE G4GC ENGINE 2003-07

Top Hose	CH4820	254112D150
Bottom Hose	CH4815	254122D150



## EXCEL

### 1.5 Litre (G4AJ) 1986-89

Top Hose (to 6/87)	CH1607	2541121020
Top Hose (5/88to 89)	CH1681	2541121200
Top Hose (6/87-5/88)	CH2509	2541121021
Bottom Hose (Manual Trans to 11/86)	CH1608	2541221000
Bottom Hose (Manual Trans 5/88-89)	CH1682	2541221200
Bottom Hose (Auto Trans to 11/86)	CH1609	2541221700
Bottom Hose (W/A/C 5/87 to 8/88)	CH1610	2541221702, -21701
By Pass Hose Radiator to Reservoir to 11/86 cut to length	OFH801	2544321200
By Pass Hose Radiator to Reservoir From 11/83 cut to length	OFH801	2545121201
By Pass Hose Engine to Pipe 6/87 to 5/89	CH3112	2546721200
Heater hose to Engine 6/87 to 5/88	CH3108	9731221000



### 1.5 Litre (G4DJ) 1991-94

Top Hose	CH2178	2541124050, 2541124060
Bottom Hose (Manual Trans to 12/92)	CH2176	2541224000
Bottom Hose (Manual Trans 1/93-94)	CH2510	2541224010
Bottom Hose (Auto Trans to 12/92)	CH2177	2541224701

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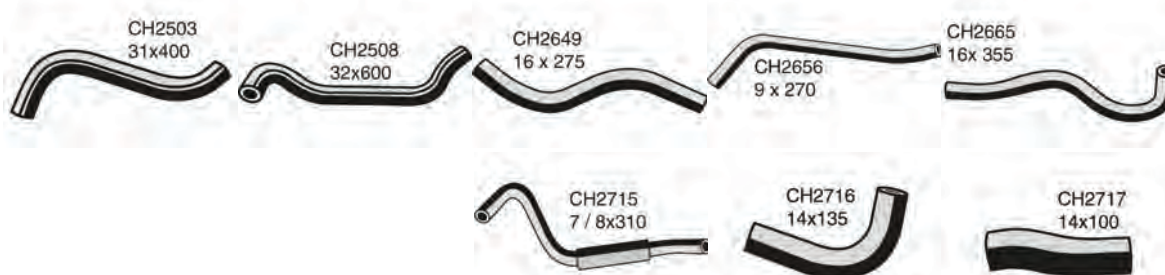
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HYUNDAI

Make Model	Description	Mackay #	O.E.M #
<b>EXCEL</b>			
	Bottom Hose ( <i>Auto Trans 1/93-94</i> )	CH2502	2541224020
	Heater Hose <i>Engine to Heater</i>	CH3681	9731124000
	Heater Hose <i>Heater to Engine</i>	CH3682	9731224000
	ByPass Hose <i>Throttle body to intake manifold</i>	CH3683	2546824500

**1.5 Litre SOHC (G4EKR) 1994-98**

Top Hose	CH2503	2541122010
Bottom Hose	CH2508	2541222010
ByPass Hose - <i>Pipe 1 to Throttle Body</i>	CH2656	2546922022
Heater Hose <i>Outlet</i>	CH2649	9731222001
Heater Hose <i>Inlet</i>	CH2665	9731122000
By Pass Hose	CH2717	2547222600
Heater Hose <i>Engine to Pipe</i>	CH2716	2547122020
ByPass Hose <i>Throttle Body to Pipe</i>	CH2715	2546822003

**1.5 Litre DOHC (G4KFR) 1/98-2000**

Top Hose	CH2515	2541-22050
Bottom Hose	CH2506	2541222050
ByPass Hose	CH3680	2547226001
ByPass Hose <i>thermostat to throttle body (B)</i>	CH4469	2546926001
ByPass Hose <i>Throttle body to Thermostat</i>	CH4470	2546826002

**GETZ TB 1.3 LITRE G4EA1 ENGINE 2002-08/05**

Top Hose	CH3956	254111C100
Bottom Hose	CH3958	254121C100
Heater Hose Inlet	CH3941	973101C100
Heater Hose Outlet	CH3940	973201C100

**GETZ TB 1.5 LITRE G4EC2 ENGINE 2002-08/05**

Top Hose	CH3957	254111C200
Bottom Hose	CH3959	254121C200
Heater Hose Inlet	CH3942	973101C200
Heater Hose Outlet	CH3960	973201C200

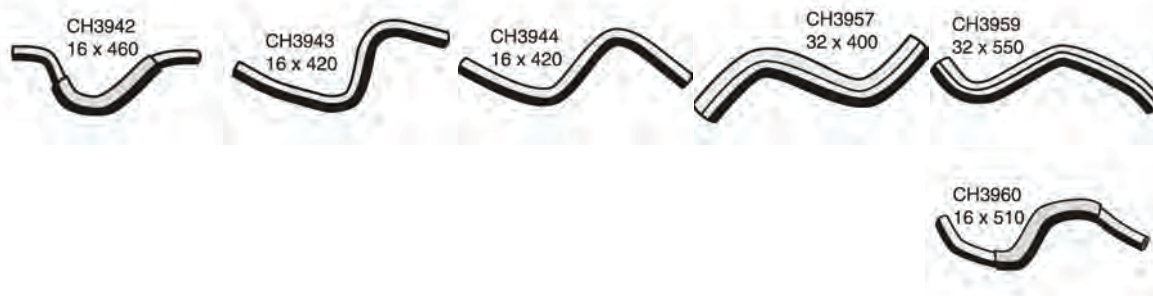
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Make Model	Description	Mackay #	O.E.M #
<b>GETZ TB 1.4 LITRE G4EE5 ENGINE 09/05 -ON</b>			
	Top Hose	CH3957	254111C200
	Bottom Hose	CH3959	254121C200
	Heater Hose Outlet	CH3944	973201C500
	Heater Hose Inlet	CH3943	973101C500



## GETZ TB 1.6 LITRE G4ED5 ENGINE 08/05-07

Top Hose	CH3957	254111C200
Bottom Hose	CH3959	254121C200
Heater Hose Outlet	CH3944	973201C500
Heater Hose Inlet	CH3943	973101C500
Heater Hose	CH4678	97312H1350



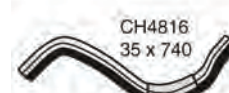
## GRANDEUR / XG300 3.0 LITRE G6CT ENGINE 1999-2004

Top Hose	CH4724	2541439500
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## GRANDEUR / XG350 3.5 LITRE ENGINE 2002-2005

Bottom Hose	CH4816	2541539500
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## GRANDEUR / AZERA 3.8 LITRE 2006-2007

Top Hose	CH4773	254143L200
Bottom Hose	CH4808	254153L200



## I30 FD SERIES 1.6 LITRE D4FB TURBO DIESEL 2007- 2011

Top Hose	CH4752	254142L600
Bottom Hose	CH4754	254152L600
Heater Hose	CH4975	973112H000
Heater Hose	CH4974	973122H000



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HYUNDAI

Make Model	Description	Mackay #	O.E.M #
<b>i30 FD SERIES 2.0 LITRE G4GC 2007-ON</b>			
	ByPass Hose	CH4757	2546823550
	ByPass Hose	CH4756	2548023011
	Heater Hose	CH4755	973122H200
	Heater Hose	CH4753	973112H200

CH4753  
16/18 x 420CH4755  
16/18 x 370CH4756  
30/32 x 220CH4757  
7 x 130**ILoad 2.4 LITRE 2008-ON**

Top Hose	CH4714	254114H100
Bottom Hose	CH4717	254124H100
ByPass Hose	CH4700	254692C400
ByPass Hose	CH4702	254692C000
ByPass Hose	CH4719	254932C000
ByPass Hose	CH4718	254942C000
Heater Hose	CH4703	975414H000
Heater Hose	CH4715	973104H300
Heater Hose	CH4716	975424H000

CH4700  
8 x 200CH4702  
8 x 290CH4703  
18 x 250CH4714  
34 x 450CH4715  
18 x 630CH4716  
18 x 250CH4717  
34 x 350CH4718  
7 x 340CH4719  
7 x 415**LANTRA****1.6 Litre 1991-4/95**

Top Hose	CH1835	2541128200
Bottom Hose	CH1836	2541228100

**1.8 Litre 1991-4/95**

Top Hose	CH1835	2541128200
Bottom Hose (1991-7/92)	CH1837	2541228200
Bottom Hose (7/92-95)	CH1838	2541228800

**1.8 Litre 05/95-05/2000**

Top Hose	CH2815	2541129100
Bottom Hose	CH2817	2541229170
Heater Hose (Outlet)	CH2818	9731929110
Heater Hose (Inlet)	CH2871	9731829100
By Pass Hose <i>Pipe to Thermostat Housing</i>	CH2872	2547223200
By Pass Hose <i>T'stat housing to throttle body (2 Required)</i>	CH2870	2546823002

**2.0 Litre 05/95-05/2000**

Top Hose	CH2815	2541129100
Bottom Hose	CH2816	2541229100
Heater Hose (Outlet)	CH2818	9731929110
Heater Hose (Inlet)	CH2871	9731829100
By Pass Hose <i>Pipe to Thermostat Housing</i>	CH2872	2547223200
By Pass Hose <i>T'stat housing to throttle body (2 Required)</i>	CH2870	2546823002

CH1835  
33x430CH1836  
32x340CH1837  
32x350CH1838  
32x485CH2815  
31x350CH2816  
31 x 625CH2817  
30 x 350CH2818  
15x390CH2870  
7x160CH2871  
16 x 280CH2872  
30/32 x 180

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Make Model	Description	Mackay #	O.E.M #
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## SANTA FE SM SERIES 2.4 LITRE G4JS ENGINE 2001-2004

Top Hose	CH5016	2541126010
Bottom Hose	CH4723	2541226010



## SANTA FE SM SERIES 2.7 LITRE G6BA 11/2000-4/06

Top Hose	CH4482	2541126100
Bottom Hose	CH4480	2541226100
Heater Hose <i>Outlet</i>	CH5580	9731226800
Heater Hose <i>Inlet</i>	CH5579	9731126800



## SANTA FE CM SERIES SX CRDi 2.2 LITRE D4EB 11/2006-10/2009

Top Hose	CH5145	254112B000
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## SANTA FE CM 2.7 LITRE G6EA 05/2006-10/2009

Top Hose	CH4812	254112B100
Bottom Hose	CH5578	254122B100



## SANTA FE CM 3.3 LITRE G6DB ENGINE 2007-2008

Top Hose	CH4813	254112B200
Bottom Hose	CH5578	254122B100



## S COUPE

### 1.5 Litre G4EK Engine 1992-96

Top Hose	CH2178	2541124050, 2541124060
Heater Hose <i>heater to pipe</i>	CH5116	9731123000

### 1.5 Litre G4EKM Engine 1992-95 ( USA & Export applications)

Bottom Hose	CH5501	2541223310
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## SONATA

### EF 2 Litre G4CPS 1994-98

Top Hose <i>to 11/94</i>	CH2642	2541134031
Top Hose <i>From 11/94</i>	CH2645	2541134300
Bottom Hose <i>to 11/94</i>	CH2629	2541234001
Bottom Hose <i>11/94-1998</i>	CH2659	2541234250
By Pas Hose A	CH2658	2546833300
By Pass Hose B	CH2628	2546933310



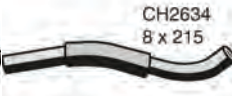
















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HYUNDAI

Make Model	Description	Mackay #	O.E.M #
SONATA	Heater Hose Inlet	CH2634	9731134202
	Heater Hose Outlet	CH2657	9731234200
	    		
	  		
	AF 2.4 Litre G4CS1989-91		
	Top Hose	CH1833	2541133003
	Bottom Hose	CH1834	2541233001
	2.7 Litre 2000-07 export only		
	Top Hose	CH5018	2541438130
	  		
	EF 2.0 & 2.4 Litre 1998-02		
	Bottom Hose	CH3221	2541238060
			
	EF-B 2.4 Litre G4JS Engine 2000-06		
	Top Hose	CH5017	2541438040
			
	3.0 Litre Chassis AF 1989-3/91		
	Top Hose	CH1829	2541233052
	Bottom Hose	CH1831	2541133052
	3.0 Litre Chassis DF 3/91-98		
	Top Hose	CH1830	2541133370
	Bottom Hose	CH1832	2541233370
	Top Hose Y3 Series 1994-98	CH3254	2541134070
	Bottom Hose Y3 Series 1994-98	CH3255	2541234071
	    		
			
	NF 2.4 Litre G4KC 2005-2008		
	Top Hose	CH4817	254143K100
	Bottom Hose	CH4818	2541538160
	NF 3.3 Litre 2006-07		
	Bottom Hose	CH4814	254153K200
	NF 3.3 Litre 2007-ON		
	Top Hose	CH4772	254143K200
	Bottom Hose	CH4659	254153K100
	Heater Hose	CH4679	973123K000
	Heater Hose	CH4681	973113K000

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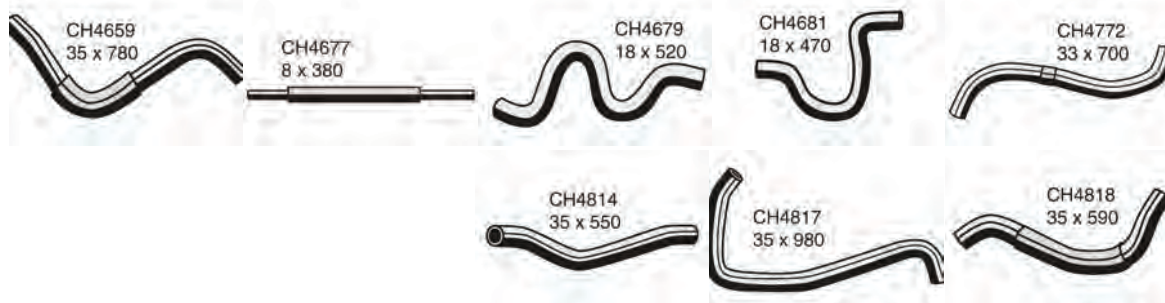


Make Model	Description	Mackay #	O.E.M #
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## SONATA

ByPass Hose

CH4677 254203K375



## TERRACAN HP SERIES 2.9 LITRE J3 4CYL DIESEL 2004-2007

Top Hose	CH4657	25411H1910
Bottom Hose	CH5120	25412H1901
Heater Hose	CH4680	97312H1290



## TERRACAN HP SERIES 3.5 LITRE G6CU 2001-2007

Top Hose	CH5323	25411H1810
Bottom Hose	CH5324	25412H1810
Heater Hose Outlet	CH5325	97312H1350
Heater Hose Inlet	CH5326	97322H1350
ByPass Hose	CH5367	2547339801
ByPass Hose	CH5366	2549439800
ByPass Hose	CH5368	2547239801



## TIBURON GK 2.0 LITRE G4GC ENGINE 2002-2006

Top Hose	CH4825	254112C100
Bottom Hose	CH4739	254122C100



## TIBURON GK 2.7 LITRE G6BA ENGINE 2003-07

Top Hose	CH4827	254112C600
Bottom Hose	CH4740	254122C600



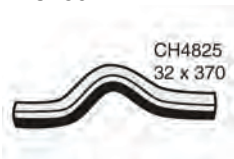




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HYUNDAI

Make Model	Description	Mackay #	O.E.M #
<b>TIBURON GS 2.7 LITRE 2007-ON</b>			
	Top Hose	CH4825	254112C150
			
<b>TRAJET FO SERIES 2.7 LITRE G6BA ENGINE 7/2000-2007</b>			
	Top Hose	CH5139	254113A100
			
<b>TUCSON 2.0 LITRE BETA II 2004-ON</b>			
	Top Hose	CH5072	254112E101
			
<b>TUSCON JN SERIES 2.0 LITRE G4GC ENGINE 2005-2007</b>			
	Bottom Hose	CH5089	254122E200
			
<b>TUSCON JN SERIES 2.7 LITRE G6BA ENGINE 2004-2007</b>			
	Top Hose	CH5124	254112E200
			

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Make Model	Description	Mackay #	O.E.M #
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## INFINITI

### FX35 3.5 LITRE VQ35DE ENGINE 2003-07

Top Hose

CH5022 21501CG000

CH5022  
32 x 350



### FX45 4.5 LITRE VK45DE ENGINE 2003-07

Top Hose

CH5021 21501CG200

CH5021  
32 x 405



### G35 3.5 LITRE VQ35DE ENGINE 2003-2004

Bottom Hose

CH4960 21503AL500

CH4960  
33 x 480



### G35 3.5 LITRE VQ35DE 2003-2007

Top Hose

CH4966 21501AL500

Bottom Hose

CH4962 21503CD000

CH4962  
34 x 550



CH4966  
32 x 250



### G35 3.5 LITRE VQ35HR ENGINE 2007-ON

Top Hose

CH4967 21501JK200

Bottom Hose

CH4964 21503JK200

CH4964  
33 x 480



CH4967  
33 x 360



### I35 3.5 LITRE VQ35DE 2002-2004

Top Hose

CH4963 215015Y700

CH4963  
33x410



### QX4 3.5 LITRE VQ35DE 2001-2004

Top Hose

CH4971 215014W000

CH4971  
34 x 230



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INFINITI

Make Model	Description	Mackay #	O.E.M #
<b>QX56 5.6 LITRE VK56DE 2004-2007</b>			
	Top Hose	<b>CH4958</b>	215017S000



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Make Model	Description	Mackay #	O.E.M #
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## INTERNATIONAL

### AB110,A120(4x4), AB130,AB148,AB160(4x4) 1963-66

Top Hose	CH552	857301R2
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### ACCO 172 & 182 FROM CH No. 1760 ON 1963-66

Top Hose	CH640	859507R2
Bottom Hose	CH641	859508R2

### ACCO B SERIES FROM CHASSIS No HO4635,D358 DIESEL ENG

Top Hose	CH1552	3238928R91
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### C1300 1966-69

Top Hose	CH552	857301R2
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## ISUZU

### DMAX 3.0 LITRE TURBO DIESEL 4JJ1 TFS85, TFR85 2 & 4WD 10/08-2013

Top Hose	CH5214	8973636041
Bottom Hose	CH5215	8973636051
Heater Hose inlet	CH5217	8980071102
Heater Hose outlet	CH5218	8980071122
ByPass Hose LHS pipe to engine	CH5510	8980116300
ByPass Hose	CH5511	8980318600
ByPass Hose Thermostat to turbo coolant pipe	CH5512	8973695901
ByPass Hose	CH5513	8980116321



### FSR, FTR, FVR 1985-ON

Top Hose	CH1589	1214372040, 1214371380
Bottom Hose Connector to Pipe	CH1596	1214370860
Bottom Hose Radiator to Pipe	CH1595	1214271760, 94034631

### JBR 1976-80

Top Hose	CH1589	1214372040, 1214371380
Bottom Hose	CH1590	1093601951

### JCR 1976-ON

Top Hose	CH1589	1214372040, 1214371380
Bottom Hose	CH1590	1093601951

### PASSPORT 2.6 LITRE 4CYL 1994-97 USA & EXPORT

Top Hose	CH5020	8943705211
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### SBR

1976-80	Top Hose	CH1589	1214372040, 1214371380
1981-ON	Bottom Hose (Auto Trans)	CH1592	1214271100

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Make Model	Description	Mackay #	O.E.M #
<b>SBR</b>	Top Hose	<b>CH1589</b>	1214371380



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Make Model	Description	Mackay #	O.E.M #
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## JAGUAR

<b>JAGUAR</b>	Heater Hose	CH2897	C41351/2
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<b>MARK IV 1946</b>	By pass hose	CH2589	C2819
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<b>MARK V 1946-49</b>	By Pass Hose	CH2588	C2819V
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<b>S TYPE 3.0 LITRE V6 AJ30 1999-07</b>	ByPass Hose	CH4405	XR814039
	ByPass Hose 2000-07	CH4392	XR85292



<b>XK8, XKR v8 1997-2002</b>	Top Hose	CH4483	MJA4500AE
	Bottom Hose	CH4283	MJA4510AD, MJA4515AD



<b>XKE SERIES I 3.8 LITRE 1961-64</b>	Top Hose	CH4464	C16767
	Bottom Hose	CH4410	C15099
	Hose <i>Water Pump to Pipe</i>	CH391	GRH293
	ByPass Hose	CH4422	C7548
	Expansion Tank Hose	CH4463	C12424



<b>XKE SERIES I 4.2 LITRE 1965-68</b>	Top Hose	CH4412	GRH289
	Bottom Hose <i>interim pipe</i>	CH4423	C11579
	Heater Hose	CH4394	C17779
	ByPass Hose <i>Upper</i>	CH5440	C24578
	ByPass Hose <i>to inlet manifold</i>	CH4418	C24580

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JAGUAR

Make Model	Description	Mackay #	O.E.M #
<b>XKE SERIES I 4.2 LITRE 1965-68</b>			
	Expansion Tank Hose 1965-67	CH4439	C24579

CH4394  
13/21 X 155



CH4412  
31/36 x 330



CH4418  
15/21 x 130



CH4423  
30/32 x 280



CH4439  
38 x 200



CH5440  
25 x 225



## XKE SERIES II 4.2 LITRE 1968-71

Top Hose	CH4596	C28163
Bottom Hose radiator to pipe	CH4411	GRH583
ByPass Hose Water pump to Pipe	CH4280	GRH584
ByPass Hose 1969-70	CH4433	C26853

CH4280  
43 x 170



CH4411  
43/50 x 120



CH4433  
22 x 150



CH4596  
37 x 400



## XKE SERIES III V12 5.3 LITRE 1971-74

Bottom Hose Junction to pipe	CH4279	GRH539
Bottom Hose cooler to water pump	CH4462	GRH541
Bottom Hose pipe to cooler	CH4438	GRH540
ByPass thermostat Housing	CH4437	C41353
Heater Hose Junction to heater tank	CH5078	GRH545

CH4279  
38/42 x 140



CH4437  
30 x 55



CH4438  
38/42 x 250



CH4462  
44/46 x 430



CH5078  
25 x 450



## XJ6 2.8 LITRE 1969-73

Hose -Radiator to Bottom Water Pipe	CH825	C28964/2
-------------------------------------	-------	----------

CH825  
45x340



## XJ6 4.2 LITRE 1969-81

Top Hose	CH824	C31510,JC41094
Hose -Radiator to Bottom Water Pipe	CH825	C28964/2
Hose - Pump to Bottom Water Pipe	CH991	C31842,GRH563
Heater Hose	CH2901	C45046

CH824  
36/38x260



CH825  
45x340



CH991  
44/50x530



CH2901  
15/25x185



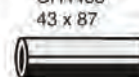
## XJ6 SERIES XJ40 1988-92

Top Hose	CH3223	CBC1582
Bottom Hose from T Piece	CH4458	CBC6441

CH3223  
38 / 44 x581



CH4458  
43 x 87



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Make Model	Description	Mackay #	O.E.M #
<b>XJ6 SERIES III</b>			
6/79-82	Top Hose	CH4312	GRH626, CAC2328
1969-77	Hose - Valve to Heater	CH1885	CAC2917
1974-1987	Connector Hose <i>airbox to airflow meter</i>	CH4452	EAC1301
	Heater Hose	CH4479	CAC2646
	ByPass <i>check valve</i>	CH4562	C37156
1978-82	Water Hose	CH1891	C41352
1979-87	Hose - Valve to Heater	CH1885	CAC2917
	Hose - Header Tank	CH1888	CAC4251/1
	Water Hose	CH1889	C41356
	Heater Hose	CH1890	C43896
1979-92	Connector Hose <i>air pipe to aircleaner</i>	CH4436	EAC3954/1
1983-87	Top Hose	CH1886	GRH669
	Hose - Expansion Tank to Radiator	CH1887	C44474
1987-88	Thermostat Outlet Elbow	CH2898	EAC3803
	Heater Valve to Heater	CH2896	EAC3454
	Heater Valve to Heater	CH2899	CBC4723



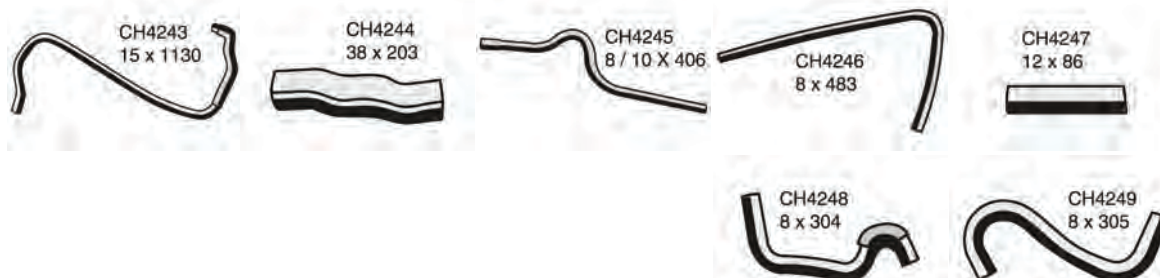
## XJS MKIII 4.0 LITRE AJ ENGINE 1991-96

Top Hose	CH4444	CAC5100
Bottom Hose <i>W/O Water Heater to VIN 194774</i>	CH4443	CBC5150



## XJ6, XJ6L 4.2 LITRE 1995-97

Supercharger Hose <i>Upper</i>	CH4243	MNA8231AA
ByPass Hose <i>back of water pump to water rail</i>	CH4244	NBC2273AB
Bleed Hose	CH4245	MNA4562DB
Heater Hose <i>firewall to heater pump</i>	CH4248	MNA6721AC
Heater Hose	CH4247	MNA6720AA
Bleed Hose	CH4246	MNA4562AC
Heater Hose <i>valve to firewall</i>	CH4249	MNA6722AB



## XJ12 5.3 LITRE 1973-79

Top Hose - <i>Left Hand</i>	CH1039	C37405
By Pass Hose	CH1883	C41373
Heater Hose - Water Valve to Engine	CH1884	C43999
Heater Hose - Valve to Heater	CH1885	CAC2917
Hose - Expansion Tank to Radiator	CH1887	C44474

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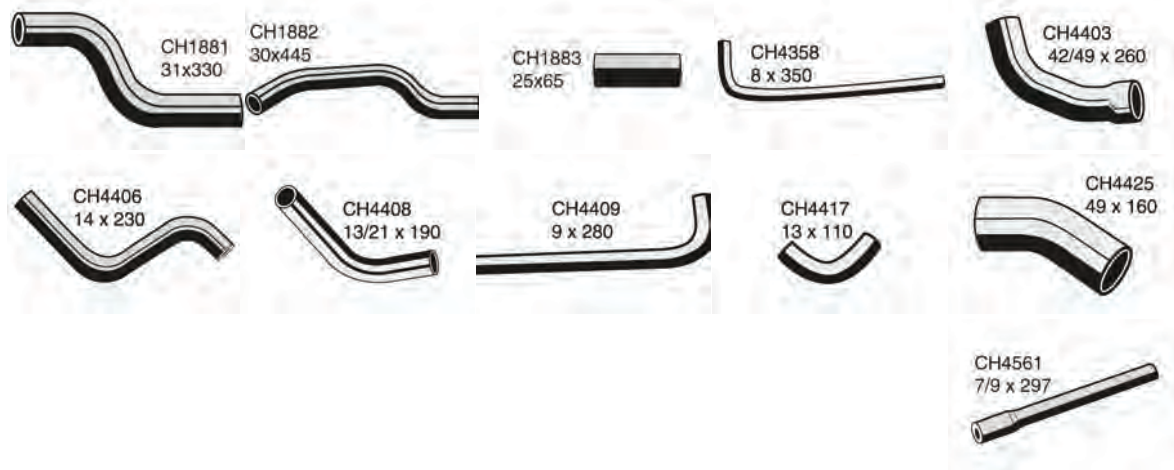


JAGUAR

Make Model	Description	Mackay #	O.E.M #
<b>XJ12 5.3 LITRE 1973-79</b>			
Water Pump to Pipe Hose		<b>CH2900</b>	C41374
			
			

<b>XJ12 SERIES II, 5.3 LITRE 1975-76</b>			
Top Hose - Left Hand	CH1039	C37405	
Bottom Hose	CH1103	GRH560	
			

<b>XJS 5.3 LITRE 1976-94</b>			
Top Hose - Left Hand 1976-91	CH1881	GRH587	
Top Hose - Right Hand 1976-91	CH1882	GRH588	
Bottom Hose to heater water pump 1976-91	CH4403	GRH557	
Bottom Hose heater element to pump 1976-91	CH4425	GRH559 , C41099	
By Pass Hose 1976-91	CH1883	C41373	
ByPass Hose bleed RH up to V185819	CH4561	CAC50931	
Bleed Hose 1976-94	CH4358	CAC50921	
Expansion Tank Hose Bleed to of tank 1976-91	CH4409	CCC4723	
Bleed Hose pipe to radiator bleeder 1976-94	CH4408	CAC46051	
Heater Hose return 1976-93	CH4406	CCC6339	
Expansion Tank Hose tank to pipe 1976-91	CH4417	CAC46052	



<b>XJ40 3.6 LITRE 1988-92</b>			
Bottom Hose	CH2260	CBC6440	
			

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Make Model Description

Mackay #

O.E.M #

**KIA**

**KIA**

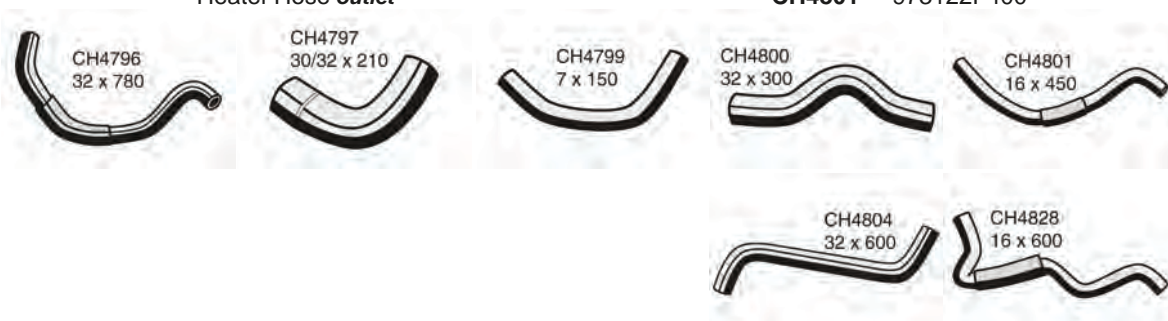
## CARNIVAL GQ 2.5 LITRE KV6 1999-2005

Top Hose <i>pipe to Engine</i>	CH4553	OK55815191E
Top Hose <i>Radiator to Pipe</i>	CH4554	OK55815186D
Bottom Hose <i>Manual Transmission only</i>	CH4555	OK55C15187
ByPass Hose <i>Heater Pipe to Throttle body</i>	CH4556	OK55W13690
ByPass Hose	CH4557	OK56615282



## CERATO LD 2.0 LITRE G4GC ENGINE 2004-2006

Top Hose	CH4800	254112F150, 254112F160
Bottom Hose <i>Auto trans</i>	CH4796	254122F100
Bottom Hose <i>Manual Trans</i>	CH4804	254122F200
Bypass Hose	CH4799	2546823501
Bypass Hose	CH4797	2548023000
Heater Hose <i>inlet</i>	CH4828	973112F401
Heater Hose <i>outlet</i>	CH4801	973122F400



## K2700 TU SERIES 2.7 LITRE J2 ENGINE 10/2002-01/2005

Top Hose	CH5309	OK60A15186A
Bottom Hose	CH3834	OK60A15185

## K2700 PU SERIES 2.7 LITRE J2 ENGINE 04/2005-03/2008

Top Hose	CH5309	OK60A15186A
Bottom Hose	CH3834	OK60A15185



## K2900 PU SERIES 2.9 LITRE J3 ENGINE 2008-2011

Top Hose	CH5309	OK60A15186A
Bottom Hose	CH3834	OK60A15185
Heater Hose <i>outlet long</i>	CH5344	973154E550
Heater Hose <i>Inlet Long</i>	CH5346	973144E550
Heater Hose <i>Inlet Short</i>	CH5343	973144E500
Heater Hose <i>outlet Short</i>	CH5342	973154E500



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KIA

Make Model	Description	Mackay #	O.E.M #
<b>MAGENTIS / OPTIMA 2.7 LITRE V6 2005-ON</b>			
	Top Hose	CH5075	254112G200
	Bottom Hose	CH5114	254122G200



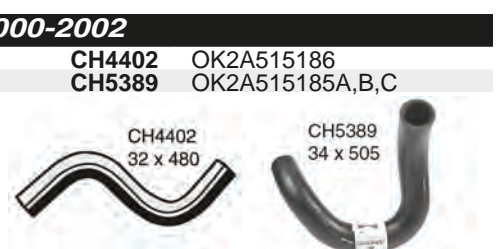
<b>MAGENTIS / OPTIMA 2.4 LITRE 2006-2007</b>			
	Top Hose	CH5036	254112G100
	Bottom Hose	CH5127	254122G100



<b>MENTOR 1.5 LITRE 1997-ON</b>			
	Top Hose	CH2209	OK24015186
	Bottom Hose	CH2208	OK24015185



<b>MENTOR 1.8 LITRE TE ENGINE CHASSIS AFB243 1998-2002</b>			
	Top Hose	CH4402	OK2A515186
	Bottom Hose	CH5389	OK2A515185A,B,C



<b>MENTOR 1.8 LITRE TE ENGINE CHASSIS AFC523 2000-2002</b>			
	Top Hose	CH4402	OK2A515186
	Bottom Hose	CH5389	OK2A515185A,B,C



<b>MENTOR 1.5 LITRE BF ENGINE 1999-ON</b>			
	Top Hose	CH4429	OK2A315186A
	Bottom Hose	CH4440	OK24T15185



<b>OPTIMA GD SERIES 2.7 LITRE V6 2004-2005</b>			
	Bottom Hose	CH5125	2541238160



<b>PREGIO 2.7 DIESEL 2002-12/05</b>			
	Top Hose	CH3833	OK65A15186B
	Bottom Hose	CH3834	OK60A15185
	Heater Hose	CH4670	OK78M61211A

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Make Model	Description	Mackay #	O.E.M #
<b>PREGIO 2.7 DIESEL 2002-12/05</b>			
	Heater Hose	CH4671	OK78M61212



<b>RIO 1.5 LITRE A5D 1999-02</b>			
	Top Hose	CH3922	OK30E15186B
	Bottom Hose	CH3923	OK30A15185C

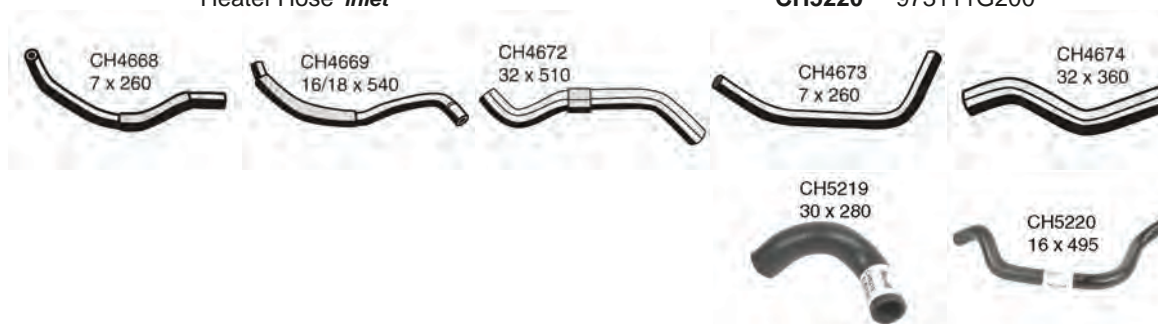


<b>RIO 1.5 LITRE 2003-07/05</b>			
	Top Hose	CH4682	25411FD100
	Bottom Hose	CH4683	25412FD000
	Heater Hose	CH4691	OK30E31212A
	ByPass Hose	CH4690	254692X200



<b>RIO JB SERIES 1.4 G4EE 3/2007-11/2009</b>			
	Top Hose	CH4674	254111G000
	Bottom Hose	CH4672	254121G000,254121G100
	Heater Hose Outlet	CH4669	973121G200
	ByPass Hose	CH4668	2546926102
	ByPass Hose	CH4673	2546826101
	ByPass Hose t/stat base to pipe	CH5219	2548026001
	Heater Hose inlet	CH5220	973111G200

<b>RIO JB SERIES 1.6 LITRE G4ED 8/2005-11/2009</b>			
	Top Hose	CH4674	254111G000
	Bottom Hose	CH4672	254121G000,254121G100
	Heater Hose Outlet	CH4669	973121G200
	ByPass Hose	CH4668	2546926102
	ByPass Hose	CH4673	2546826101
	ByPass Hose t/stat base to pipe	CH5219	2548026001
	Heater Hose inlet	CH5220	973111G200



<b>RONDO / CARENS 2.4 LITRE G4KC 2006-ON (EXPORT ONLY)</b>			
	Top Hose	CH5126	254141D100
	Bottom Hose	CH5119	254151D100



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KIA

Make Model	Description	Mackay #	O.E.M #
<b>SEDONA 3.5 LITRE 2002-05 (EXPORT ONLY)</b>			
	Top Hose <i>radiator to connector pipe</i>	<b>CH4542</b>	OKY15192B
	Bottom Hose	<b>CH4543</b>	OK52Y1519C

**SORENTO BL SERIES 3.5 LITRE G6CU V6 2002-04/07**

Top Hose	<b>CH5037</b>	254113E200
Bottom Hose	<b>CH5077</b>	254123E200

**SORENTO BL SERIES 3.8 LITRE G6DA V6 2006-09/07**

Top Hose	<b>CH5052</b>	254113E950
Bottom Hose	<b>CH5392</b>	254123E950

**SPORTAGE JA523 2.0 LITRE FE ENGINE 8/99-6/2004**

Top Hose	<b>CH2207</b>	OK01315186 (A)
Bottom Hose	<b>CH2212</b>	OK01115185
Heater Hose No1	<b>CH2920</b>	OK03C6121D
Heater Hose No 2	<b>CH2921</b>	OK03C6121C
ByPass Hose	<b>CH5419</b>	OK01315421

**SPORTAGE KM SERIES 2.0 LITRE G4GC ENGINE 2005-2010**

Bottom Hose	<b>CH5089</b>	254122E200
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Make Model	Description	Mackay #	O.E.M #
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## LANDROVER

### DISCOVERY 2.4 LITRE TURBO DIESEL 1997-99

Turbo Intake Hose

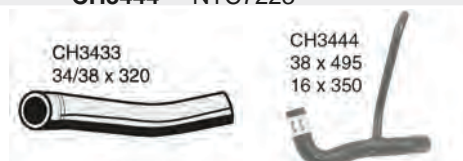
CH3113 ESR2150



### DISCOVERY 2.5 LITRE TURBO DIESEL 1994

Top Hose  
Bottom Hose

CH3433 NTC4329  
CH3444 NTC7223



### DISCOVERY 2.5 LITRE TURBO DIESEL 1996-98

Top Hose

CH3632 ESR2491



### DISCOVERY 3.9 LITRE V8 1994

Top Hose  
Bottom Hose

CH3446 PCH000050,ER31052  
CH3445 NTC7297



### SERIES I & II (2 LITRE DIESEL) SERIES II. (2 LITRE PETROL) 88 & 109 W.B. 1957-61

Top Hose  
By Pass Hose

CH402 GHR364  
CH520 273789,574871



### SERIES II A, (2.25 LITRE PETROL & DIESEL) 88 AND 109 W.B 1958-67

Top Hose  
Bottom Hose  
Bottom Hose (2.25 Litre Petrol) where fitted with Angled  
Bottom Connection and 12 volt AC/DC Generator  
By Pass Hose

CH402 GRH364  
CH588 GRH369  
CH667 543629  
CH520 273789



### SERIES III, (2.2 LITRE PETROL & DIESEL) 1968-81

Top Hose  
Bottom Hose

CH994 577346  
CH995 577344,GRH609




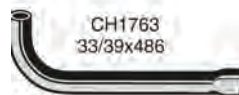


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Make Model	Description	Mackay #	O.E.M #	
<b>SERIES III, (2.2 LITRE PETROL &amp; DIESEL) 1968-81</b>				
	By Pass Hose	CH520	273789,574871	
				
<b>110 SERIES 1984-91</b>				
	Top Hose	CH1763	AYG2463	
	Bottom Hose	CH2159	AYG2464	
				
<b>110 SERIES 3.9 LITRE 4WD &amp; 6WD (DIESEL) 1984-91</b>				
	Bottom Hose	CH1764	AYG2953	
				

## LEYLAND / AUSTIN / MG / MORRIS

### AUSTIN

#### 1800 4 cyl. 1965-70

Top Hose	CH662	GRH250
Bottom Hose	CH673	GRH208

#### Allegro 1300cc Engine

Top Hose	CH1288	LH094
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#### Champion 1/4 Ton 4x4 B40 & B90 Eng

Top & Bottom	CH245	2F108
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#### Healey Sprite 1959-68

Bottom Hose With Heater	CH2621	GRH315
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### MG

#### MGA, MGB GT Mk.1, 2 1956-71

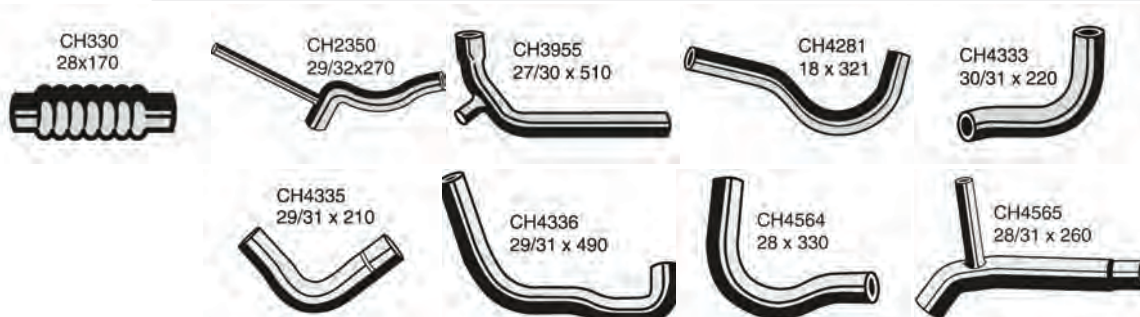
Top Hose	CH330	AHH5143,GRH305
Bottom Hose	CH330	AHH5143,GRH305

#### MGB, GT Mk.3 (Electric Fan)

Top Hose 1971-76	CH330	AHH5143,GRH305
Top Hose 1977-80	CH4564	GRH592
Bottom Hose 1972-74	CH2350	GRH498
Bottom Hose 1974-76	CH4565	BHH1693

#### Midget

Top Hose 1977-78	CH4281	GRH624
Top Hose 1975-76	CH4336	GRH525
Bottom Hose 1975-76	CH4335	GRH534
Bottom Hose 1977-78	CH4333	CHA603
Bottom Hose 1977-80	CH3955	BHH2124



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Make Model	Description	Mackay #	O.E.M #
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## MORRIS

### MINOR SERIES 2 AND 1000 1/4 TON VAN 1954-63

Top Hose	CH226	ACA5462
Bottom Hose	CH227	ACA5463
By Pass Hose	CH252	12A1093

### MODEL 850, AND MINI MINOR 1961-70

Top Hose <i>Up to Vehicle No 538807</i>	CH501	12A50
Top Hose <i>from Vehicle No.538808</i>	CH543	GRH244
Bottom Hose <i>without Heater</i>	CH232	12A1051
Bottom Hose <i>with Heater</i>	CH285	12A1050
By Pass Hose	CH252	12A1093

### 1100, 1098CC ENG 1964-71

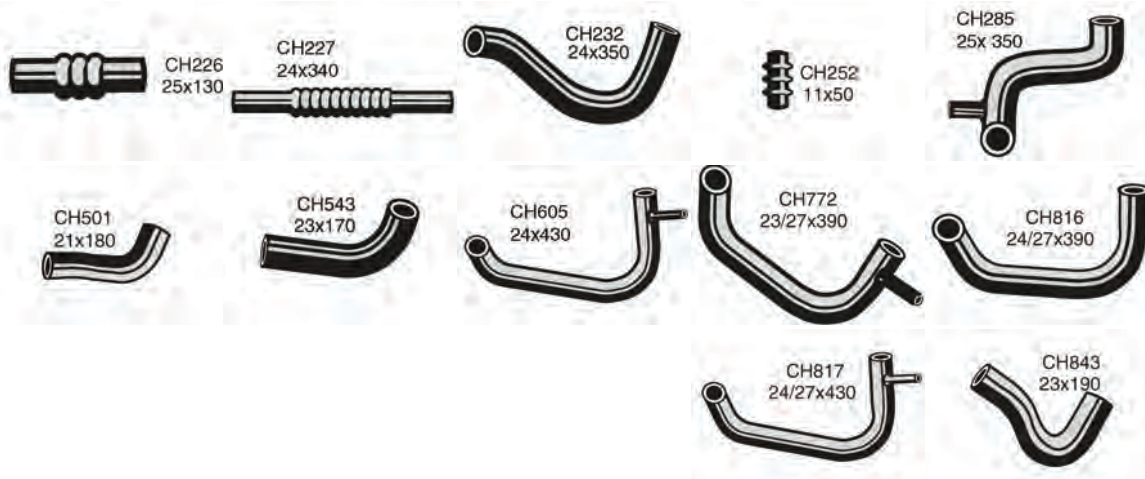
Top Hose	CH543	GRH244
Bottom Hose <i>with Heater and STD water Pump</i>	CH605	AYG2126
Bottom Hose <i>With Heater 1098CC 1970-71</i>	CH772	AYG2171
Bottom Hose <i>with Heater &amp; Large water Pump</i>	CH817	AYG2172
Bottom Hose <i>w/out Heater &amp; Large water Pump</i>	CH816	AYG2178
By Pass Hose	CH252	12A1093

### 1100S, 1275CC ENG 1964-71

Top Hose	CH843	AYG62129
Bottom Hose <i>M/Trans. -Standard water Pump</i>	CH605	AYG2126
Bottom Hose <i>M &amp; A/Trans - Large water Pump</i>	CH817	AYG2172
By Pass Hose	CH252	12A1093

### 1300 & NOMAD 1500 1969-72

Top Hose- <i>Auto Trans</i>	CH843	AYG2129
Bottom Hose- <i>Auto Trans with Heater</i>	CH817	AYG2172



### MINI DELUXE, COOPER 997 & 998CC 1965-70

Top Hose	CH543	GRH244
Bottom Hose <i>without Heater</i>	CH232	12A1051
Bottom Hose <i>with Heater</i>	CH285	12A1050
By Pass Hose	CH252	12A1093

### COOPER S Mk 2, 1.3 LITRE 1969-72

Top Hose	CH843	AYG21129
Bottom Hose <i>without Heater</i>	CH232	12A1051
Bottom Hose <i>with Heater</i>	CH285	GRH201
By Pass Hose	CH252	12A1093


















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Make Model	Description	Mackay #	O.E.M #
MINI CLUBMAN 1.3 LITRE 1971-73			
	Top Hose	CH843	AYG2129
	Bottom Hose	CH817	AYG2172
		 	
MINI CLUBMAN 998CC & 1.1 LITRE 1971-78			
	Top Hose	CH543	GRH244
	Bottom Hose	CH772	AYG2171
MINI K 1.1 LITRE 1969-71			
	Top Hose	CH604	AYG2127
	Bottom Hose <i>with Heater</i>	CH772	AYG2171
	Bottom Hose <i>without Heater</i>	CH816	AYG2178
		   	
MINI MOKE 998CC 1976-83			
	Top Hose	CH543	GRH244
	Bottom Hose	CH816	AYG2178
	By Pass Hose	CH252	12A1093
MINI MOKE CALIFORNIAN 1.3 L 1978-83			
	Bottom Hose	CH816	AYG2178
MINI MOKE 1.1 LITRE 1966-76			
	Top Hose	CH604	AYG2127
	Bottom Hose	CH816	AYG2178
		   	
MINOR SERIES 2, 1000 1953-62			
	Top Hose	CH226	GRH5462
	Bottom Hose	CH227	ACA5463
	By Pass Hose	CH252	12A1093
		  	
LEYLAND 1100, Mk.2, 3 1970-74			
	Top Hose	CH843	GRH457
			
MARINA 1.7 LITRE 1978-80			
	Top Hose	CH787	GRH608
			

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Make Model	Description	Mackay #	O.E.M #
<b>MARINA 4 CYL. 1972-75</b>			
	Top Hose	CH1002	AYH2720
	Bottom Hose	CH1003	AYH2822

<b>MARINA 1.8 LITRE ENGINE 1971-75</b>			
	Top Hose	CH1266	LH635
	Bottom Hose	CH1267	LH637



<b>P76 8 CYL. ENGINE 1973-75</b>			
	Top Hose	CH1037	AYD2004
	Bottom Hose	CH1038	AYD2129



<b>5/6CWT JM VAN</b>			
1957-68	Top Hose with Alloy Water Pump	CH226	GRH246
1968-75	Top Hose with Alloy Water Pump	CH604	GRH245

<b>5CWT MINI VAN 848CC 1960-62</b>			
	Bottom Hose - With Heater With Cast Iron Water Pump	CH285	GRH201
	Bottom Hose - W/O Heater With Cast Iron Water Pump	CH232	12A1051

<b>5CWT MINI VAN 848CC 1962-68</b>			
	Top Hose With Cast Iron Water Pump	CH604	GRH245
	Bottom Hose - With Heater With Cast Iron Water Pump	CH285	GRH201

<b>5CWT MINI VAN 848CC 1962-68</b>			
	Bottom Hose - W/O Heater With Cast Iron Water Pump	CH232	12A1051

<b>ITAL 1.7 LITRE 1980-84</b>			
	Top Hose	CH787	GRH608



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LEXUS

## LEXUS

Make Model	Description	Mackay #	O.E.M #
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### ES300 VCV10R 3VZ-FE ENGINE 6/92-10/96

Top Hose	CH4133	1657162040
Bottom Hose	CH4094	1657262030
Heater Hose	CH3340	8724533230
Heater Hose	CH3341	8724533100
Heater Hose	CH3342	8724533240



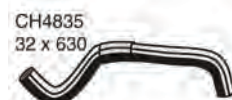
### ES300 MCV30R 1MZ-FE ENGINE 2001-2004

Top Hose	CH3336	1657120060
Bottom Hose	CH3335	1657220080
Heater Hose No1	CH3338	8724533510
Heater Hose No2	CH3337	8724533500



### ES350 3.5 LITRE 2GRFE ENGINE 2007-ON

Bottom Hose	CH4835	165720P070
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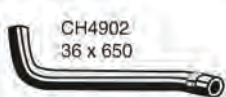
### GS300 3.0 LITRE 2JZGE 2000-2005

Bottom Hose	CH4886	1657246210
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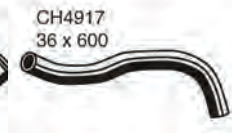
### GS300 GRS190R 3.0 LITRE 3GRFSE ENGINE 3/2005- 2013

Top Hose	CH5432	1657131160
Bottom Hose	CH4902	1657231180



### GS400 4.0 LITRE 1UZFE ENGINE 2000-

Top Hose	CH4909	1657150130
Bottom Hose	CH4917	1657250130



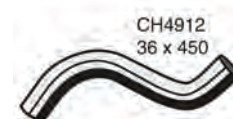
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Make Model	Description	Mackay #	O.E.M #
<b>GS430 4.3 LITRE 3UZFE ENGINE 2001-2007</b>			
	Top Hose	CH4912	167150190



<b>GS450H 3.5 LITRE 2GRFSE ENGINE 2007-ON</b>			
	Bottom Hose	CH4832	1657231240



<b>GX470 4.7 LITRE 2UZFE ENGINE 2003-2007 NZ &amp; EXPORT</b>			
	Bottom Hose	CH5150	1657250190

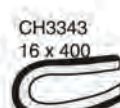


<b>IS200 2 LITRE 1999-2000</b>			
	Top Hose	CH3082	1657170320
	Bottom Hose	CH2904	1657270260
	By Pass Hose	CH2906	1626170090
	Heater Hose	CH2905	8724553040
	Heater Hose	CH2903	8724553060
	Heater Hose	CH3081	8724553030
	By Pass Hose	CH3091	1626470100
	By Pass Hose	CH3083	1626770070



<b>IS250 2.5 LITRE 4GRFSE ENGINE 2006-07</b>			
	Top Hose	CH4905	1657121170
	Bottom Hose	CH4831	1657231250

<b>IS300 2JZ-GE 3.0 LITRE ENGINE 2001-ON</b>			
	Top Hose	CH3345	1657146310
	Bottom Hose	CH3339	1657246290
	Heater Hose	CH3337	8724533500
	Heater Hose	CH3338	8724533510
	Heater Hose	CH3343	8724553080
	Heater Hose	CH3344	8724553050



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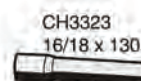
Make Model	Description	Mackay #	O.E.M #
<b>IS300 2JZ-GE 3.0 LITRE ENGINE 2001-ON</b>			

CH3345  
33 x 200



<b>LS400 UCF10R V8 (1UZ-FE ENGINE) 5/90-9/1994</b>			
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Top Hose	CH3319	1657150021
Bottom Hose	CH3320	1657250020
Heater Hose	CH3323	8724550030
Heater Hose	CH3321	8724550040
Heater Hose	CH3322	8724550050



<b>LS400 UCF20R 4.0 LITRE V8 (1UZ-FE ENGINE) 11/1994-11/1997</b>			
--	--	--	--

Top Hose	CH5293	1657150070
Bottom Hose	CH5374	1657250090
Heater Hose <i>inlet</i>	CH5291	8724550210
Heater Hose	CH5292	8724550160
Heater Hose <i>inlet to engine 11/94-07/97</i>	CH5375	8724550150



<b>LS400 UCF20R V8 (1UZ-FE ENGINE) 11/97-11/2000</b>			
--	--	--	--

Top Hose	CH4880	1657150110
Bottom Hose	CH4906	1657250120



<b>LS430 4.3 LITRE 3UZFE ENGINE 2001-06</b>			
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Top Hose	CH4834	1657150180
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<b>LS460 4.6 LITRE 1URFSE ENGINE 2007-ON</b>			
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Top Hose	CH4916	1657138050
Bottom Hose	CH4850	1657238100



<b>RX300 3.0 LITRE V6 1MZFE ENGINE 12/97-ON</b>			
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Bottom Hose	CH4266	1657220030, 1657220060
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Make Model	Description	Mackay #	O.E.M #
<b>RX330 3.3 LITRE 3MZFE ENGINE 2005-2006</b>			
	Top Hose (ex Japan from 5/05)	<b>CH4829</b>	1657120081
	Bottom Hose	<b>CH4839</b>	1657220100



<b>RX400 3.3 LITRE 3MZFE ENGINE 2006-07</b>			
	Bottom Hose	<b>CH5136</b>	1657220121



<b>SC300 3.0 LITRE 2JZGE ENGINE 2000-ON</b>			
	Top Hose	<b>CH4785</b>	1657146140
	Bottom Hose	<b>CH4882</b>	1657246060



<b>SC400 4.0 LITRE 1UZFE ENGINE 2000-ON</b>			
	Top Hose	<b>CH4910</b>	1657150140
	Bottom Hose	<b>CH4848</b>	1657250140



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## MAZDA

### 1300 1974-78

Top Hose	CH1041	037015186
Bottom Hose to Water Pump	CH1043	032415185A
Bottom Hose to Radiator	CH853	032415184B



### 121,121L 1.8 & 2.0 LITRE 1977-80

Top Hose	CH1039	045315186
Bottom Hose	CH1040	045315185



### 121 DA 1.3 LITRE B3 ENGINE 3/87-11/90

Top Hose	CH5141	B30115186
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### 121 1.3 LITRE DB1031 1990-97

Top Hose	CH1772	B3C715186
Bottom Hose	CH1773	B3C715185



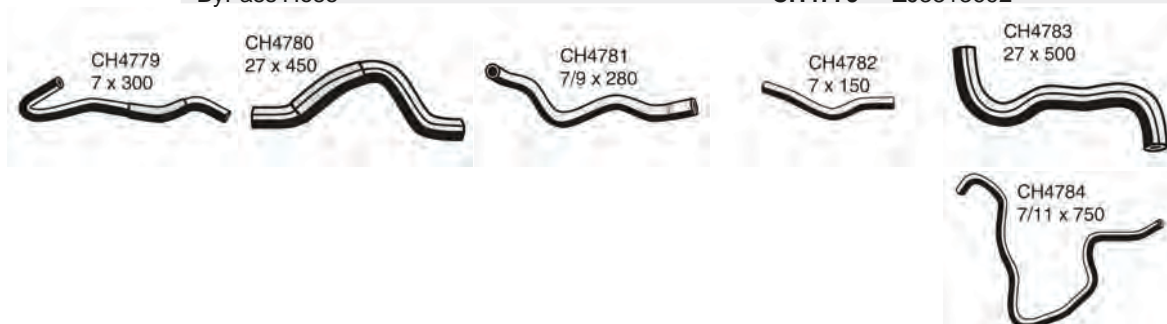
### 121 1.3 LITRE B3 ENGINE & 1.5 LITRE B5 ENGINES 1990-2002

Top Hose	CH2494	B3C71518699
Bottom Hose	CH2495	B5C71518599



### 2 DE10Y1 1.5 LITRE ZY14 ENGINE 2007-

Top Hose	CH4780	ZJ3815186B
Bottom Hose	CH4783	ZJ3815185A
ByPass Hose	CH4782	ZJ3813691
ByPass Hose	CH4784	ZJ3813680A
ByPass Hose	CH4781	ZJ3813682
ByPass Hose	CH4779	ZJ3813692



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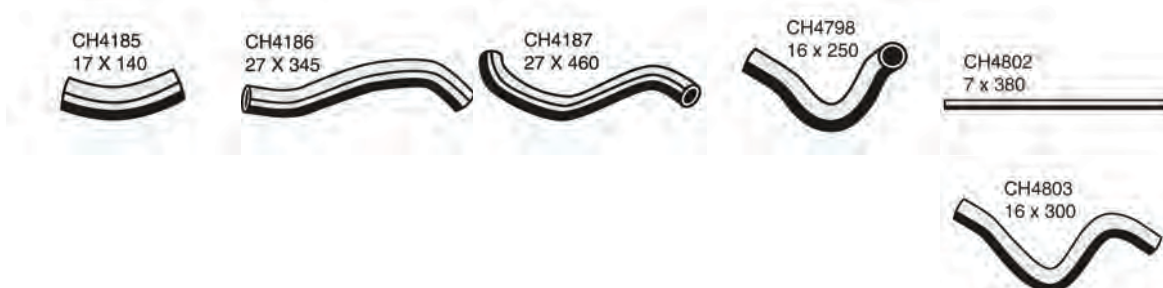
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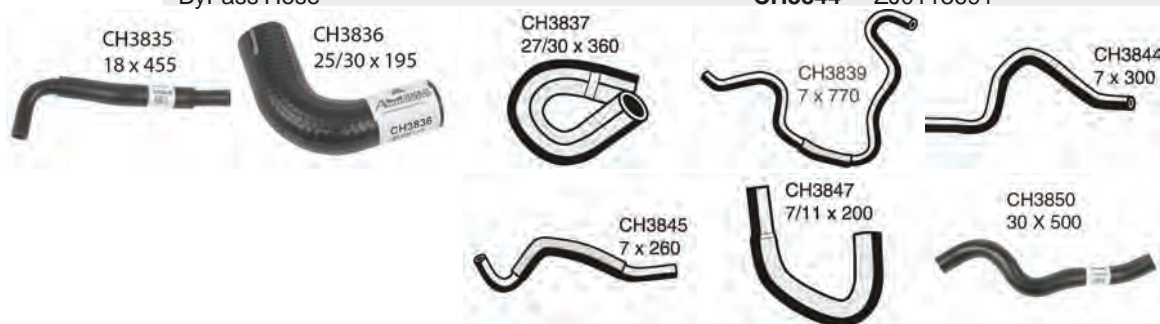


Make Model	Description	Mackay #	O.E.M #
<b>2 DY10Y1 1.5 LITRE ZY ENGINE 2002-05</b>			
	Top Hose <i>radiator to pipe</i>	CH4185	ZJ0115183
	Top Hose <i>pipe to Housing</i>	CH4186	ZJ0115186
	Bottom Hose	CH4187	ZJ0115185
	Coolant overflow tube	CH4802	9932407430
	Heater Hose <i>no1</i>	CH4803	D37561211A
	Heater Hose <i>no2</i>	CH4798	D37561212B



## 3 BK10F1 & BK1031 (2.0 & 2.3 LITRE) DOHC ENGINES 2004-5/2009

Top Hose	CH3850	LF5015186F
Bottom Hose	CH3835	LF5015185DA
Bottom Hose <i>T piece to water Pump</i>	CH3836	LF5015185DB
Bottom Hose <i>Radiator to T Piece</i>	CH3837	LF5015185DC
ByPass Hose	CH3847	ZJ0113693A
ByPass Hose	CH3839	ZJ0213680
ByPass Hose	CH3845	ZJ0113692A
ByPass Hose	CH3844	ZJ0113691



## 3 2.3 LITRE TURBO L3 ENGINE 2006-1/09

Top Hose	CH4993	L33X151586A
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## 3 BK SERIES 2.0 LITRE RF DIESEL 2007-09

Top Hose >1/09	CH5027	RF8D1518XA
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## 323 1977-80

Top Hose	CH1041	037015186
Bottom Hose	CH1111	853115185A



## 323 FWD 1.3, 1.5 LITRE BD1051 & BD1052 ENGINE 1980-85

Top Hose 80-11/82 BD1051	CH1291	E30115186B
Top Hose 11/82-85 BD1052	CH1501	E33115186
Bottom Hose	CH1292	E30115185A

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Make Model	Description	Mackay #	O.E.M #
<b>323 FWD 1.3, 1.5 LITRE BD1051 &amp; BD1052 ENGINE 1980-85</b>			
	Heater Hose - Valve to Engine	CH1841	B00161211
	Heater Hose - Heater to Valve	CH1842	B00161212
	Heater Hose - Heater to Engine	CH1843	B00161213A
	Heater Hose - Valve to Engine	CH1844	B00161214A
	ByPass Hose	CH1840	E30115284, AKM5443



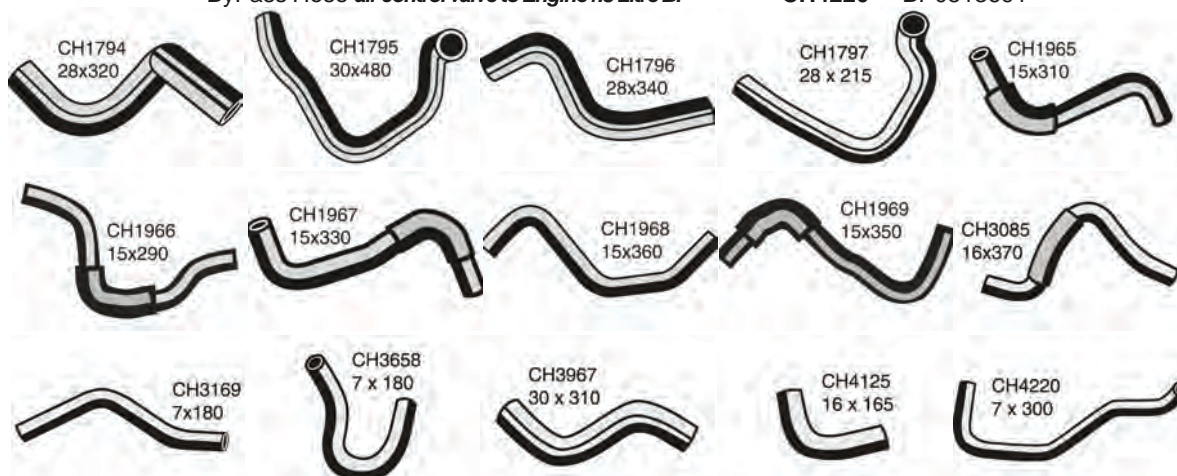
## 323 1.6 LITRE, E.F.I. Exc TURBO 1985-90

Top Hose	CH1501	E33115186
Bottom Hose	CH1533	B63015185C
Heater Hose- Heater to Eng	CH1845	BF8161211A
Heater Hose- Eng to Heater	CH1847	B09261212A
ByPass Hose	CH1840	E30115284, AKM5443
Hose Pack contains: CH1501, CH1533, CH1840, CH1847, CH1845	CHVP16	



## 323 ASTINA BG10 1.6 & 1.8 L SOHC 1989-96

Top Hose 1.6 litre & 1.8 litre SOHC 3 & 4 Door	CH1794	B36615786A
Top Hose 1.6 litre & 1.8 litre SOHC 5 Door	CH3967	B54615186
Top Hose 1.8 litre DOHC Turbo	CH1796	B65715786A
Bottom Hose 1.6 & 1.8 litre less Turbo	CH1795	B36615785A, AKM548
Bottom Hose 1.8 Litre DOHC Turbo	CH1797	BP2615185
Heater Hose less end fitting 1.6 litre L & GL	CH1968	B4556124X
Heater hose to engine less fitting	CH3085	B4556127YB
Heater Hose No1 less end fitting 1.8 litre	CH1965	BR866124XA
Heater Hose No2 less end fitting 1.8 litre	CH1966	BR706124YA
Heater Hose less end fitting 4x2	CH1967	BR746124XA
Heater hose less end fitting 4x4	CH1969	B5306124X
ByPass Pipe to Throttle Body 1.8 Litre Engine	CH3169	B6BF13691
ByPass Pipe 1 to Thermostat 1.8 Litre (SOHC)	CH3658	BP0115261
ByPass Hose 1.8 Litre SOHC	CH4125	B54113692
ByPass Hose air control valve to Engine 1.8 Litre BP	CH4220	BP0513691



## 323 ASTINA 1.8 LITRE DOHC BG10P & BA11P 7/1994-1998

Top Hose	CH4853	BPD715186B
Bottom Hose	CH3171	BPD315185A
Bottom Hose 5 Door	CH5276	BPD715185
Heater Hose Inlet	CH2252	BC1M61211
No 2 Heater Hose	CH2268	B02H61212

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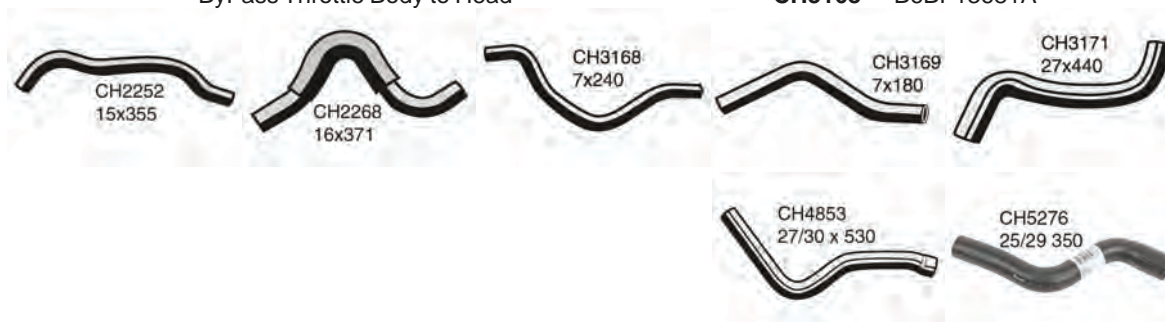


Make Model	Description	Mackay #	O.E.M #
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## 323 ASTINA 1.8 LITRE DOHC BG10P & BA11P 7/1994-1998

ByPass Pipe to Throttle Body  
ByPass Throttle Body to Head

CH3169 B6BF13691  
CH3168 B6BF13681A



## 323 ASTINA KF 2.0 LITRE V6 7/1994-9/1998

Top Hose  
Bottom Hose

CH2907 KF3315186A  
CH2926 KF3315185C



## 323 1998-2002

### 1.6 Litre

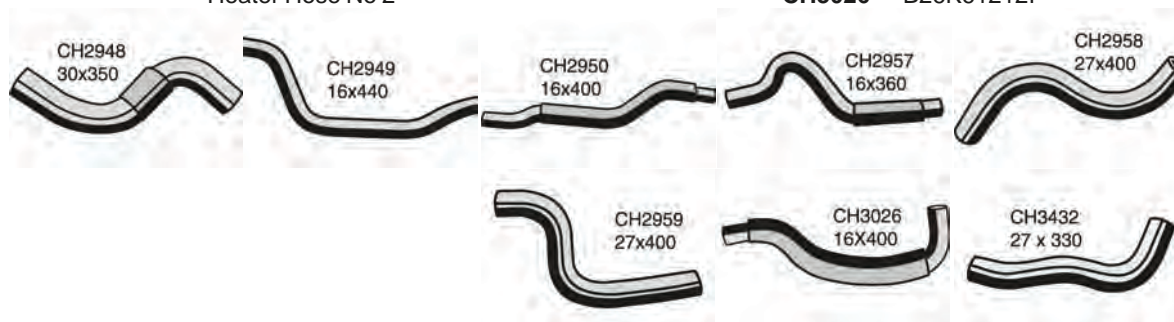
Top Hose	CH2959	ZL0115186A
Bottom Hose	CH2958	ZL0115185A
Heater Hose No 1	CH2949	B25F61211A
Heater Hose No 2	CH2957	B25D61212A

### 1.8 Litre

Top Hose	CH2948	FP4715186C
Bottom Hose	CH3432	FP4715185C
Heater Hose No1	CH2950	B26K61211B
Heater Hose No 2	CH3026	B26K61212F

### 2.0 Litre

Top Hose	CH2948	FP4715186C
Bottom Hose	CH3432	FP4715185C
Heater Hose No1	CH2950	B26K61211B
Heater Hose No 2	CH3026	B26K61212F



## 323 ASTINA 1998-2000

### 1.6 Litre ZM Engine

Top Hose	CH2959	ZL0115186A
Bottom Hose	CH2958	ZL0115185A
Heater Hose No 1	CH2949	B25F61211A
Heater Hose No 2	CH2957	B25D61212A
Water ByPass Hose	CH2973	ZM0113681
Water ByPass Hose	CH2974	ZM0113691A

### 1.8 Litre FPD Engine

Top Hose	CH2948	FP4715186C
Bottom Hose	CH2821	FP4715185B
Heater Hose No1	CH2950	B26K61211B
Heater Hose No 2	CH3026	B26K61212F



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Make Model	Description	Mackay #	O.E.M #
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## 323 ASTINA 1998-2000



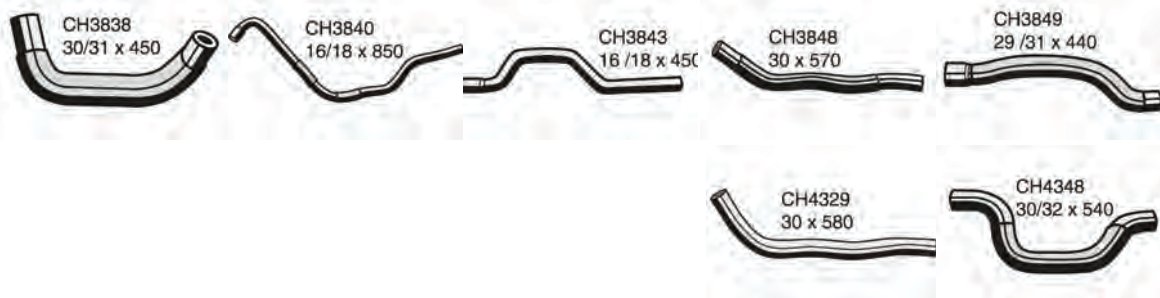
## 5 2.3 LITRE L3 ENGINE 2006-ON

Top Hose	CH4340	LFB715185
Bottom Hose	CH4341	LFB715186A



## 6 GG1031 (2.3 LITRE DOHC ENGINE) 8/2002-4/2007

Top Hose	CH3849	LF1715186
Top Hose <i>LHD 2002-03</i>	CH4329	LF1715184
Top Hose <i>LHD 2003-05</i>	CH4348	L32115186D
Bottom Hose #1	CH3848	LF1715184D, L32115184C
Bottom Hose #2	CH3838	LF1715185
Heater Hose #1	CH3843	GJ8A61211A
Heater Hose #2	CH3840	GJ8A61212C



## 6 GG1032 AWD 2.3 LITRE DOHC 10/2005-1/2008

Top Hose	CH3846	L3K915186
Heater Hose No1	CH3842	G31A61211A
Heater Hose No 2	CH3841	G31A61212A



## 6 3.0 LITRE V6 MZI ENGINE 2003-2007

Top Hose	CH4347	AJ5715186C
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## 6 2.0 LITRE RF DIESEL ENGINE 2006-2008

Bottom Hose <i>radiator to pipe</i>	CH4991	RF5C15185
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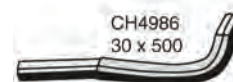
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Make Model	Description	Mackay #	O.E.M #
<b>6 GH 2.5 LITRE L5 ENGINE 2007-08</b>			
	Bottom Hose >09/07	CH4986	LFJ15184B



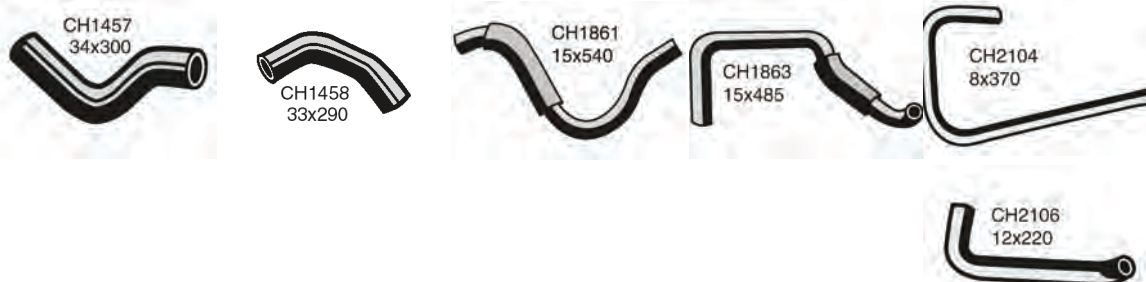
## 626 CB 2.0 LITRE MA ENGINE 1979-83

Top Hose <i>Manual Trans.</i>	CH1181	817315186
Top Hose <i>Manual Trans. 1980-82</i>	CH1778	HE0115186
Top Hose <i>Auto Trans</i>	CH1182	821815186
Bottom Hose	CH1183	817315185
Heater Hose <i>Engine To Heater</i>	CH1860	G3061211



## 626 GC 2.0 LITRE FE ENGINE 1983-87

Top Hose	CH1457	F80115186
Bottom Hose	CH1458	F80115185
Heater Hose <i>Heater to Engine</i>	CH1861	G03061212A
Heater Hose <i>Engine to Heater</i>	CH1863	GK0461211C
ByPass Hose	CH2104	FE0115104A
Air Cleaner Vent Hose	CH2106	F80113342A
ByPass Hose <i>cut to size</i>	ZHB8	F8B115537



## 626 GD, GV 2.0 LITRE FS (DOHC) ENGINE 1992-97

Top Hose	CH2623	FS0515186, KSD715186
Bottom Hose	CH2622	FSM115185A99,
		KSD715185, FSD715185
Heater Hose <i>Engine to Heater</i>	CH1947	GA7N61211
Heater Hose <i>Heater to Engine</i>	CH1959	GA7N61212A
ByPass <i>Pipe 1 to Water Outlet</i>	CH2826	FS0115288A



## 626 GD, GV 2.2 LITRE F2 ENGINE 1987-97

Top Hose ( <i>Manual Trans</i> ) <i>E.F.I</i>	CH1731	F20115186A
Top Hose ( <i>Manual Trans</i> ) <i>Turbo</i>	CH1734	F22015186
Top Hose ( <i>Auto Trans</i> )	CH1735	F20215186
Bottom Hose	CH1732	F20115185A
Heater Hose- <i>Eng to Heater</i>	CH1961	G28261211C
Heater Hose- <i>Heater to Eng</i>	CH1957	G23561212A
Heater Hose <i>87-12/89</i>	CH1862	G21161212E
Heater Hose <i>87-12/8</i>	CH1863	GK0461211C
Heater Hose <i>12/89-91</i>	CH1865	GK1061211A
ByPass Hose <i>Pipe 1 to Engine</i>	CH2849	F80115284B



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Make Model	Description	Mackay #	O.E.M #
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## 626 GD , GV 2.2 LITRE F2 ENGINE 1987-97



## 626 GF 2.5 LITRE KL ENGINE 1998-2002 USA MODEL ONLY

Bottom Hose

CH4349 KLG41585



## 626 MX6 GE 2.5 LITRE KL V6 ENGINE 1991-97

Top Hose

CH1952 KL0515186, KLG415186, KL5615186

Bottom Hose Tee to Engine

CH1958 KL0515185B, KL5615185

Bottom Hose Radiator to Tee

CH1953 KL0515189A

Hose- Eng to Heater

CH1948 GA6B61211

Hose- Heater to Eng

CH1949 GA6B61212A



## 626 GF 2.0 LITRE FSDE ENGINE 1997-2001

Top Hose

CH3424 FSM115186C

Bottom Hose

CH2622 FSM115185A99, KSD715185, FSD715185

Heater Hose No1

CH3427 GE7T61211C

Heater Hose No 2

CH3434 GE7T61212A



## 808 1.3 LITRE 1972-78

Top Hose

CH1041 037015186

Bottom Hose

CH1042 037015185



## 929 1.8 LITRE 1973-79

Top Hose

CH1039 045315186

Bottom Hose

CH1040 045315185



## 929L 2.0 LITRE 1979-82

Top Hose

CH1184 046115186

Bottom Hose

CH1185 397515185



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Make Model	Description	Mackay #	O.E.M #
<b>929 2.0 LITRE 1982-83</b>			
<b>1983-87</b>	Top Hose	CH1459	8386151860
	Bottom Hose	CH1460	HE19151850
	Top Hose	CH1729	FE6515186
	Bottom Hose	CH1783	FE6515185A



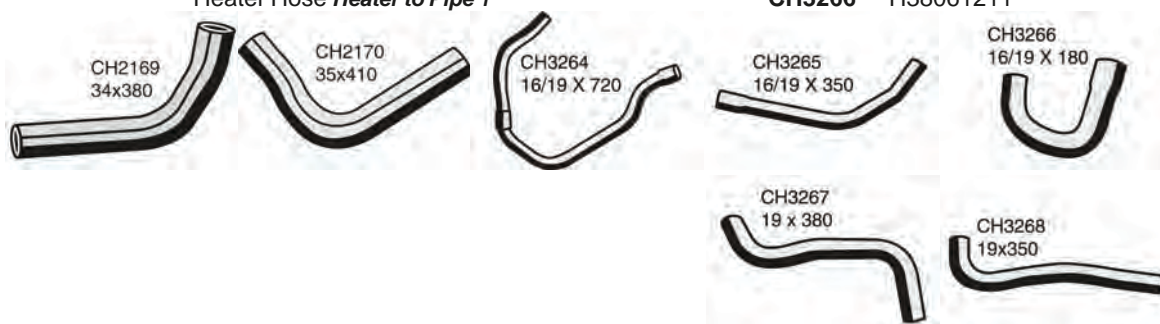
## 929 HC10 3.0 LITRE V6 1987-91

Top Hose	CH3262	JF0315186AAUS
Top Hose <i>export only</i>	CH4529	JE2615186
Bottom Hose	CH3263	JF0315185B99
ByPass Hose	CH4528	JE2615189



## 929 HD10, HE10 3.0 LITRE 7/91-11/97

Top Hose	CH2170	JE4815186
Bottom Hose	CH2169	JE4815185
ByPass Hose <i>Pipe 2 to Thermostat</i>	CH3267	HG3061214A
ByPass Hose	CH3268	JEA615189B
ByPass Hose 2	CH3264	H38061212C
Heater Hose <i>Heater to Pipe 2</i>	CH3265	H38061213
Heater Hose <i>Heater to Pipe 1</i>	CH3266	H38061211



## B1600 UTILITY 1971-81

Top Hose	CH1058	070615186
Bottom Hose	CH1169	057815185B



## B1800 1.8 LITRE 1977-1983

Top Hose	CH1184	0416115186
Bottom Hose	CH1040	045315185



## B2000 2.0 LITRE 1984 (USA)

Bottom Hose	CH4590	388215185
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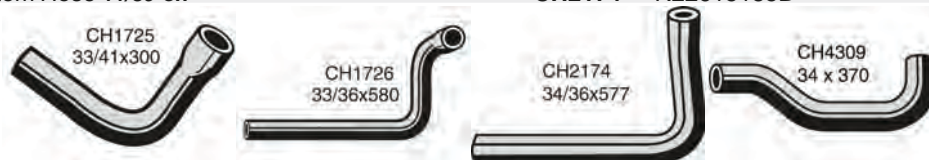
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MAZDA

Make Model	Description	Mackay #	O.E.M #
<b>B2000 2.0 LITRE (PETROL) 1985-88</b>			
	Top Hose	CH1729	FE6515186
	Top Hose <i>LHD</i>	CH4309	FE65151860, 8682151860
	Bottom Hose	CH1730	FE8515185



<b>B2200 2.2 LITRE (DIESEL) 1985-91</b>			
	Top Hose	CH1725	R22615186/A
	Top Hose <i>LHD</i>	CH4309	FE65151860, 8682151860
	Bottom Hose 85-11/89	CH1726	R22615185/A
	Bottom Hose 11/89-on	CH2174	R22615185B



<b>B2300 2.3 LITRE PETROL 2001-2010 (USA MODEL)</b>			
	Bottom Hose (01-05)	CH5517	1F2012185, 1L5Z8286AD, 5L8Z8286AA
	Bottom Hose (05-06)	CH5519	L3H515185A, 5L8Z8286AA, 5L8Z8286AA



<b>B2500 2.5 LITRE TD 1998-2004 (USA MODEL)</b>			
	Bottom Hose	CH5504	ZZP015185, F87Z8286CA



<b>B2600 2.6 LITRE (4X4 PETROL) 4G54 ENG 1987-89</b>			
	Top Hose	CH1702	AM1515186/A
	Bottom Hose	CH1703	AM151518



<b>B2600 BRAVO 2.6 LITRE G6 ENG 11/1989-1996</b>			
	Top Hose	CH2164	AKM5447, G6011518699
	Bottom Hose	CH2166	G60115185A



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Make Model	Description	Mackay #	O.E.M #
<b>B4000 4.0 LITRE V6 1998-2010 (USA MODEL)</b>			
	Bottom Hose (05-10)	CH5503	1F2215185 F87Z8286HA
	Bottom Hose (98-04)	CH5502	ZZP215185, F87Z8286BA

CH5502  
38 x 434

CH5503  
36 x 430



## BT- 50 11/06-10/11

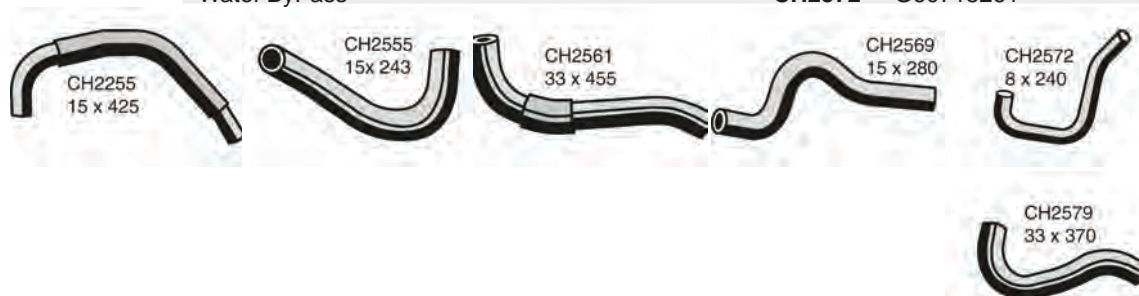
### 2.5 Litre (WLAT) Turbo Diesel & 3.0 Litre (WEAT) Turbo Diesel

Top Hose	CH4628	WE0115186
Bottom Hose	CH3372	WL8115185
Heater Hose No 2 (LHS) Core to Pipe	CH3383	UH8661212A
Heater Hose No 1 (RHS) Core to Engine	CH4624	UA3F61211
Heater Hose No 3 (LHS) Pipe to Thermostat Housing	CH4630	UH8661213B
ByPass Hose Thermostat Housing to 3Way Fitting on Head	CH4625	WL5115261C
ByPass Hose 3 Way Fitting on Head to EGR Cooler	CH4631	WE0113690
ByPass Hose Thermostat Housing to EGR Cooler	CH4629	WE0113680
ByPass Hose 3 Way Fitting on Head to Turbo Water Pipe	CH4626	WE0113546
ByPass Hose Temp sender to transfer pipe (cut to length)	HH1592	WE0115262
ByPass Hose Thermostat housing to Turbo Water Pipe (cut to length)	ZHB8	WE0113539



## BRAVO 2.5 LITRE DIESEL 1996-98

Top Hose	CH2579	WL3115186
Bottom Hose	CH2561	WL15185A
Heater Hose No 1 to fire wall	CH2255	UG6261211A
Heater Hose No 2	CH2555	UG7161212
Heater Hose No 3	CH2569	U01361213A
Water ByPass	CH2572	G60715261



## BRAVO 2.5 TURBO DIESEL ENGINE 2002-2007

Top Hose	CH3375	WL8415186D
Bottom Hose	CH3372	WL8115185
Heater Hose	CH3371	UH8661211A
Heater Hose No 2	CH3383	UH8661212A



## BRAVO 2.6 LITRE 1996-98

Top Hose	CH3067	G50315186
Bottom Hose	CH3068	G50315185C
ByPass Hose Throttle Body	CH2568	G62013682A
ByPass Hose T/Box	CH2570	G60913691
Heater Hose No1	CH2249	UE3861211A

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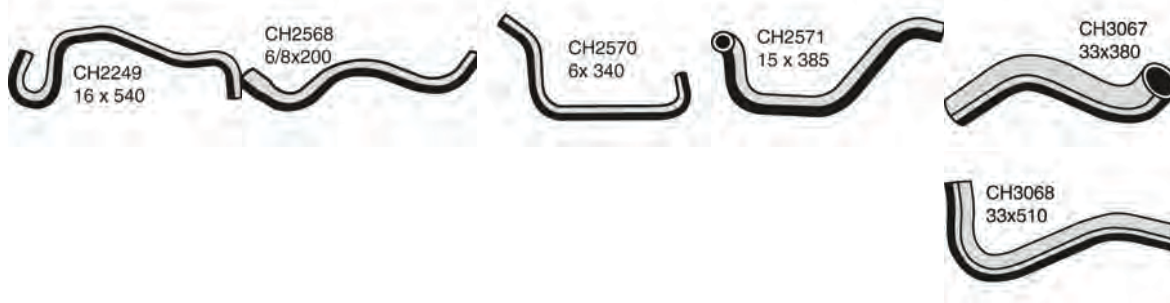
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MAZDA

Make Model	Description	Mackay #	O.E.M #
<b>BRAVO 2.6 LITRE 1996-98</b>			
	Heater Hose No 2	CH2571	UE3861212

**BRAVO 1999-2002****2.5 Litre Turbo Diesel WLAT Engine**

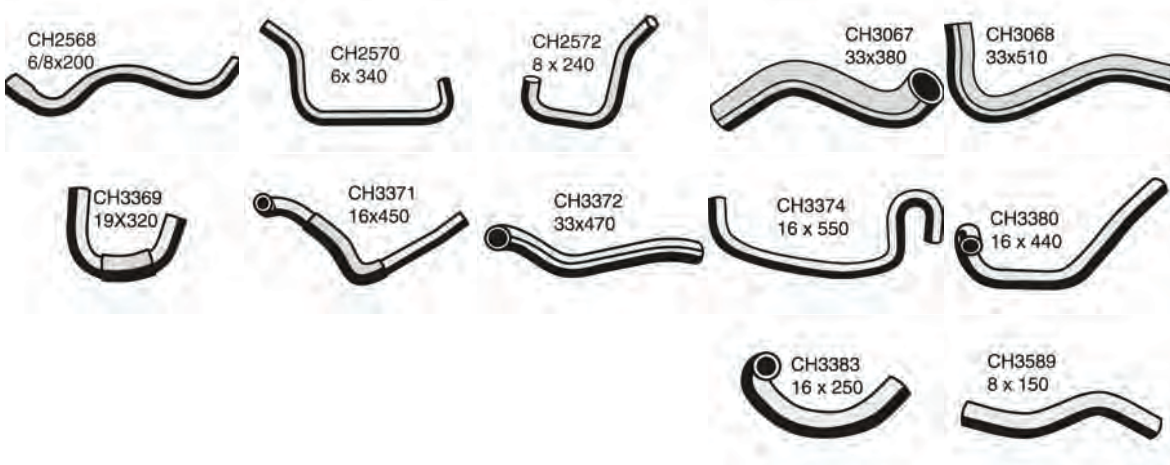
Bottom Hose	CH3372	WL8115185
Heater Hose	CH3371	UH8661211A
Heater Hose No 2	CH3383	UH8661212A
ByPass Hose	CH3369	WL5115261B

**2.6 Litre G6 Petrol Engine 1998-2002**

Top Hose	CH3067	G50315186
Bottom Hose	CH3068	G50315185C
Heater Hose No1	CH3374	UH8161211B
Water ByPass	CH2572	G60715261

**2.6 Litre G6 Engine 2002-2007**

Top Hose	CH3067	G50315186
Bottom Hose	CH3068	G50315185C
Heater Hose No1	CH3374	UH8161211B
Heater Hose No 2	CH3380	UH8161212A
ByPass Hose Throttle Box	CH2570	G60913681
ByPass Hose	CH3589	G60113691A
ByPass Hose Throttle body	CH2568	G62013682A

**BRAVO B4000 4.0 LITRE 1V 2005-2006**

Top Hose	CH5449	ZZB115186A
Bottom Hose	CH4949	ZZB115185

**BRAVO B3000 BT-50 2008 ON****3.0 Litre Turbo Diesel**

Bottom Hose	CH3372	WL8115185
Heater Hose No 2	CH3383	UH8661212A
ByPass Temp sender to transfer pipe (cut to length)	HH1592	WE0115262
ByPass T/stat housing sender to transfer pipe (cut to length)	ZHB8	WE0113539



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Make Model	Description	Mackay #	O.E.M #
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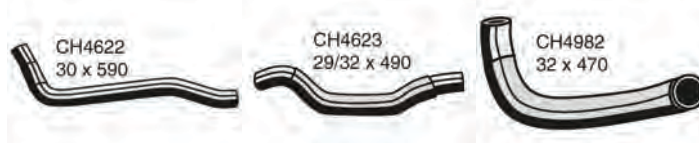
## CAPELLA 1600 1971-75

Top Hose	CH978	030515186
Bottom Hose	CH979	030515185B



## CX-7 2.3 LITRE MZR TURBO 2007-ON

Top Hose	CH4623	L33L1518X
Bottom Hose	CH4622	L33L1520Z
Bottom Hose (pipe to engine)	CH4982	L33M1518YC



## CX9TB SERIES 3.7 LITRE CA V6 ENGINE 12/2007-2010

Top Hose	CH4985	CY011518XC
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## E1600 VAN 1.6 LITRE 1978-83

Top Hose	CH1522	046815186, 898215186
Bottom Hose	CH1523	139315185



## E2000 2.0 LITRE PETROL ENGINE 1984-91

Top Hose	CH1729	AKM5379
Bottom Hose	CH1730	AKM5380



## E1800/2000 PETROL ENGINE 1991-2001

Top Hose	CH2141	AKM5369A, F85015186C99
Top Hose (F8 1.8 Litre EFI 08/1999-ON)	CH5143	F82A15186B
Top Hose (F8 1.8 Litre without EFI 08/99-On)	CH5161	F85015186D
Bottom Hose	CH2139	AKM5370A, F85015185C99
Long ByPass Hose	CH2626	AKM5450
Heater Hose No1	CH2513	SO9361211A
Heater Hose No2	CH2624	SO8461212A
ByPass hose thermostat housing to pipe	CH2472	AKM5461



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MAZDA

Make Model	Description	Mackay #	O.E.M #
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**E2200 2.2 LITRE (DIESEL) 84-1991**

Top Hose	CH1727	RF0115186/A
Top Hose <i>Export only</i>	CH4042	RF9515186
Bottom Hose	CH1728	R20115185/C

**E2500D 2.5 LITRE DIESEL WL ENGINE 11/99-2002**

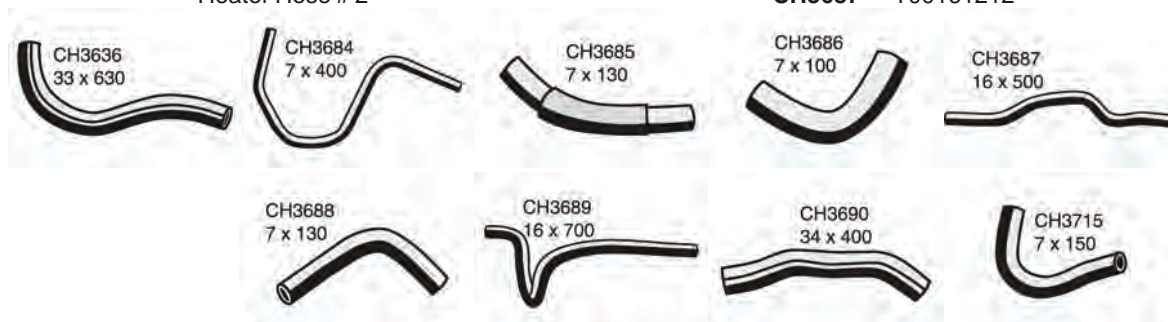
Top Hose	CH4263	WL6115186A99
Bottom Hose	CH4264	WLA115185

**EUNOS 30x 1.8 LITRE K8 1992-1998**

Top Hose	CH5146	K8011518X
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**EUNOS 800 2.5 LITRE V6 1994-00**

Top Hose	CH3690	KL4715186
Bottom Hose	CH3636	KL4715185
ByPass Hose #1	CH3685	KL4715260
ByPass Hose #2	CH3688	KJ0113681
ByPass Hose #3	CH3715	KJ0113682A
ByPass Hose #4	CH3684	KJ0113691
ByPass Hose #5	CH3686	KJ0113692
Heater Hose #1	CH3689	T00161211
Heater Hose #2	CH3687	T00161212

**EUNOS 800M 2.3 LITRE KJ ENGINE 1994-00**

Top Hose	CH3679	KJ0115186
Bottom Hose	CH4337	KJ0115185

**F100 BONGO VAN, B1500 UTE 1969-81**

Top Hose	CH1058	070615186
Bottom Hose	CH877	070615185



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Make Model	Description	Mackay #	O.E.M #
<b>METRO 1.3 LITRE B3 ENG 1996-12/02</b>			

Top Hose	CH2494	B3C71518699
Bottom Hose	CH2495	B5C71518599
Heater Hose No1	CH4265	D20161211A



<b>MPV 2.5 LITRE GY V6 ENGINE 6/99-3/02</b>			
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Top Hose	CH4995	GY0212183
Bottom Hose	CH4987	GY011518YB



<b>MPV 3.0 LITRE JE V6 ENGINE 1993-95</b>			
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Top Hose	CH4793	JE1515186
Bottom Hose	CH4791	JE1515185
Heater Hose	CH4792	JF0115189



<b>MPV 3.0 LITRE JE V6 ENGINE 1995-99</b>			
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Top Hose	CH5402	JE9515186A
Bottom Hose	CH5403	JE9615185A
ByPass Hose <i>top housing to thermostat housing</i>	CH5404	JE9615189



<b>MPV 3.0 LITRE AJ V6 ENGINE 2002-2006</b>			
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Top Hose	CH4790	AJ5515183
Bottom Hose >09/2003	CH4989	AJ511518599
Heater Hose	CH4794	LD4761212A
ByPass Hose	CH4789	AJ5115384
Expansion Tank Hose	CH4795	L33615381



<b>MX5 NA SERIES 1.6 LITRE B6ZE 10/89-11/93</b>			
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Top Hose	CH2650	B61P15186
Bottom Hose <i>Radiator to pipe</i>	CH2651	B61P15185
Bottom Hose <i>pipe to Water Pump</i>	CH4362	B61P15184



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MAZDA

Make Model	Description	Mackay #	O.E.M #
<b>MX5 NA SERIES 1.8 LITRE BP ENGINE 11/93-09/97</b>			
	Top Hose	CH4344	BPE815186
	Bottom Hose <i>Pipe to waterpump</i>	CH4362	B61P15184
	Bottom Hose <i>Radiator to pipe to 11/94</i>	CH2651	B61P15185
	Heater Hose <i>No2</i>	CH5603	NA7561212



## MX5 NB SERIES 1.8 LITRE BP ENGINE 1998-2005

Top Hose	CH4342	BP4W15186B
Bottom Hose	CH4343	BP4W15185B



## MX5 NC SERIES 2.0 LITRE 09/05-2013

Top Hose <i>A Engine to Pipe</i>	CH5142	LFG11518CXA
Top Hose <i>C Pipe to Radiator</i>	CH5160	LFG11518XCC
ByPass Hose <i>B Throttle Body to Top Hose pipe</i>	CH5137	LFG11518XCB



## MX6 2.2 LITRE 1987-91

Top Hose <i>(Manual Trans) E.F.I</i>	CH1731	F20115186A
Top Hose <i>(Manual Trans) Turbo</i>	CH1734	F22015186
Top Hose <i>(Auto Trans)</i>	CH1735	F20215186
Bottom Hose	CH1732	F20115185A
Heater Hose <i>87-12/89</i>	CH1862	G21161212E
Heater Hose <i>87-12/8</i>	CH1863	GK0461211C
Heater Hose <i>12/89-91</i>	CH1865	GK1061211A
Heater Hose- <i>Eng to Heater</i>	CH1961	G28261211C
Heater Hose- <i>Heater to Eng</i>	CH1957	G23561212A
ByPass Hose <i>Pipe 1 to Engine</i>	CH2849	F80115284B



## RX 7 SERIES 1 1979-1980

Top Hose	CH1307	887115411
Bottom Hose	CH1308	887115521



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Make Model	Description	Mackay #	O.E.M #
<b>RX7 13B ROTARY 1986-91</b>			
	Top Hose	CH4435	N32615186A
	Bottom Hose	CH4434	N32615185A



<b>RX8 FE1031 1.3 LITRE 13B ENGINE 2003-07</b>			
	Top Hose <i>Radiator to pipe</i>	CH4345	N3H115186A
	Top Hose <i>pipe to engine</i>	CH4988	N3H215186B
	Bottom Hose	CH4346	N3H115185A, N3H115185B



<b>T3000 4CYL DIESEL 1981-86</b>			
	Top Hose	CH2884	SEO11518699
	Bottom Hose	CH2820	SEO115185B99



<b>T3500 4 CYL DIESEL 1984-86</b>			
	Top Hose	CH2882	SLO115186AUS
	Bottom Hose	CH2883	SLO115185AUS



<b>TRIBUTE CD2 2.0 LITRE (YF) ENGINE 2001-06</b>			
	Top Hose	CH3220	YF4715186A
	Heater Hose	CH3196	E1126124XC
	Heater Hose	CH3261	E1126124YB



<b>TRIBUTE CD2 3.0 LITRE V6 2001-06</b>			
	Top Hose <i>Plastic Clip</i>	CH3037	AJ0315186H
	Bottom Hose	CH3038	AJ0315185G
	Heater Hose 2A	CH3036	E1146124YA
	Heater Hose 2B <i>re-use metal connector</i>	CH3033	ED386124Y
	Heater Tank Hose	CH3034	AJ3415380A
	Heater Tank Hose B	CH3031	YF4715380
	Heater Hose	CH3035	E11462124XE



<b>TRIBUTE ZB 2.3 LITRE 2004-2006</b>			
	Top Hose	CH4984	L3B815186
	Bottom Hose	CH5226	L3B81518YC
	ByPass Hose <i>engine to T piece</i>	CH5227	L33613681
	ByPass Hose <i>Thermostat Housing to T piece</i>	CH5228	L81315536C
	ByPass Hose	CH5263	L30915260

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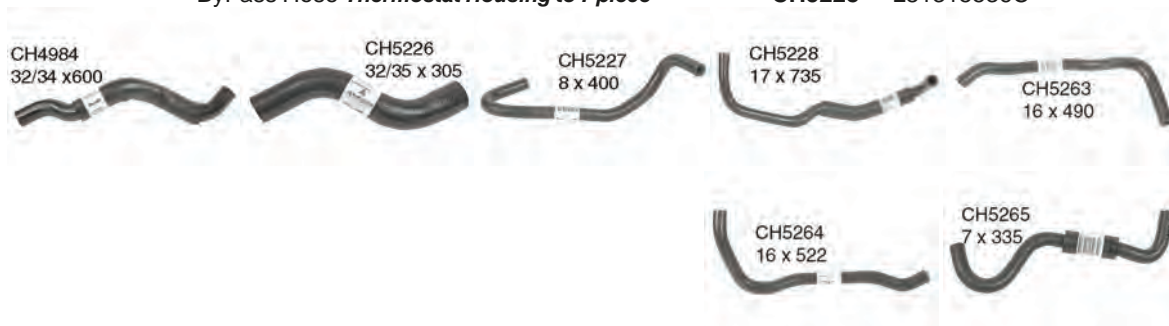
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MAZDA

Make Model	Description	Mackay #	O.E.M #
<b>TRIBUTE 2.3 Litre 5Z 7/2006-2008</b>			
	Top Hose	CH4984	L3B815186
	Bottom Hose	CH5226	L3B81518YC
	ByPass Hose	CH5264	L3G615260A
	ByPass Hose <i>engine to T piece</i>	CH5265	L3211368C
	ByPass Hose <i>Thermostat Housing to T piece</i>	CH5228	L81315536C



## TRAVELLER 1.6 Litre 1983-84

Top Hose	CH1522	046815186, 898215186
Bottom Hose	CH1523	139315185



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Make Model	Description	Mackay #	O.E.M #
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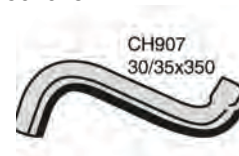
## MERCEDES - BENZ

### 180B & DC 1961-62

Top & Bottom Hose

CH907

1215010282

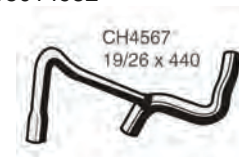


### 190D W201 2.5 LITRE 1986-89

Bottom Hose

CH4567

2015014982



### 190E 1984-88

Bottom Hose

CH2358

2015014282



### 200, 201 1984

Top Hose

CH1515

2015012382



### 200, 220 230, 200D, 220D, 240D COMPACT 1968-77

Top Hose

CH996

1155010782

Bottom Hose

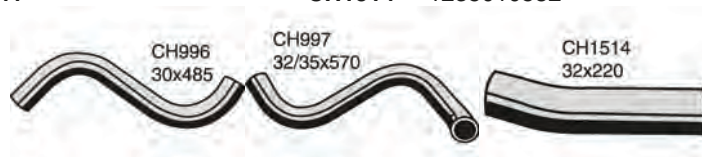
CH997

1155010282

Bottom Hose 200, 240D 1977

CH1514

1235010582



### 200, 220, 223 1982

Bottom Hose to CH No. A012992

CH1511

1235012482

Bottom Hose From CH No. A0135254

CH1512

1235012582



### 200/M102 1966-68

Top Hose

CH1557

1235012382



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Make Model	Description	Mackay #	O.E.M #
<b>220SB, 250S, SC, SL, 280S, SE 6 CYL. (PETROL) 1959-ON</b>			
	By Pass Hose	CH1092	1212030082

CH1092  
31x110



<b>230/W123 1974-80</b>			
	Top Hose	CH1150	1235010882
	Bottom Hose	CH1151	1235010982



<b>230SL 1963-67</b>			
	Top Hose	CH2335	1135010482
	Bottom Hose	CH2339	1135010582



<b>230SE 1966-72</b>			
	Top Hose	CH917	1145010882
	Bottom Hose	CH918	1145010982



<b>240D 1974-79</b>			
	Top Hose 1974-76	CH4419	1155011782
	Top Hose 1976-79	CH1309	1235010182
	Bottom Hose 1974-76	CH2392	1155000175



<b>250 (W114) SERIES 2.5 &amp; 2.8 LITRE TO CHASSIS # 22860</b>			
	Bottom Hose	CH2407	1085010482



<b>250SL 1966-68</b>			
	Top Hose	CH2335	1135010482
	Bottom Hose	CH2334	1135011082



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Make Model	Description	Mackay #	O.E.M #
<b>250SE 1971-73</b>			
	Bottom Hose	<b>CH918</b>	1145010982



<b>250SEC 1975-76</b>			
	Top Hose	<b>CH2413</b>	1085010182



<b>250/W123 1977-81</b>			
	Top Hose	<b>CH1558</b>	1235010782



<b>260E 1987-90</b>			
	Bottom Hose	<b>CH2408</b>	1245013382



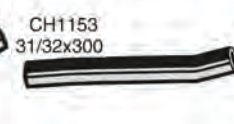
<b>260E W124 2.6 LITRE 1984-1993</b>			
	Top Hose	<b>CH4788</b>	1245012482



<b>280/280c 1972-76</b>			
	Top Hose to Chassis 15161	<b>CH2336</b>	1145011482
	Bottom Hose To Radiator	<b>CH2345</b>	1105012482
	Bottom Hose to pump	<b>CH2340</b>	1105011682
	Bottom Hose to Chassis 118462	<b>CH2329</b>	1105011882



<b>280E 1973-80</b>			
	Top Hose	<b>CH1152</b>	1105012282
	Bottom Hose	<b>CH1153</b>	1105011982

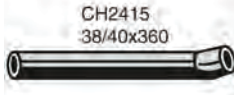
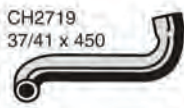






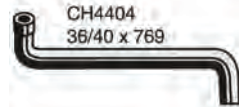



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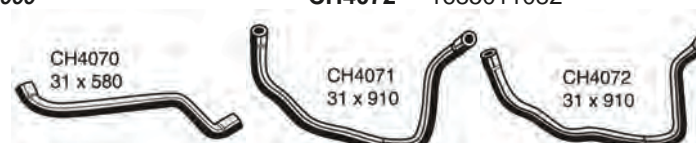
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Make Model	Description	Mackay #	O.E.M #
<b>280SEL 1971-73</b>			
	Top Hose	CH2719	1165010782
	Bottom Hose	CH2415	1165011282
		 	
<b>280S, SE 1968-72 TO CHASSIS No. 108</b>			
	Bottom Hose	CH916	1085010682
			
<b>280S/126 1982</b>			
	Bottom Hose	CH1513	1235012682
			
<b>280S/W123 1973-76</b>			
	Bottom Hose	CH1560	1265013482
			
<b>280SE 1981-85</b>			
	Top Hose	CH2393	1265012082
	Bottom Hose	CH2504	1265011482
		 	
<b>300CE W124 3.0 LITRE M104 ENGINE 1990-93</b>			
	Bottom Hose	CH4334	1245014382
			
<b>300D 3.0 LITRE DIESEL 1975-81</b>			
	Top Hose 1975-76	CH4420	1155012182
	Bottom Hose 1975-76	CH4404	1155012282
		 	

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Make Model	Description	Mackay #	O.E.M #
<b>300SD 3.0 LITRE TURBO DIESEL 1978-80</b>			
	Top Hose	CH4424	1165013582
	Bottom Hose	CH4421	1165013682
			
<b>300DT, TDT 30. LITRE DIESEL 1982 - 87</b>			
	Top Hose 1987only	CH4446	1245011782
			
<b>420SEL W126 4.2 LITRE V8 M116 ENGINE 1986-91</b>			
	Top Hose	CH5393	1265014782
			
<b>450SEL V8. 6834CC 1976-79</b>			
	Top Hose	CH2406	1165012282
	Bottom Hose 1977-80	CH4453	1165012382
			
<b>450SE/450SEL , 350 SE</b>			
	Top Hose	CH2318	1165012582
	Bottom Hose	CH2317	1165012482
			
<b>450SL ( 2 Door) 4.5 LITRE V8 1973-80</b>			
	Top Hose	CH1480	1165013482
			
<b>A140 1.4 LITRE M166,940 ENGINE 2000-7/01</b>			
	Top Hose	CH4070	1685010082
	Bottom Hose upto 5/06/2000	CH4071	1685010282
	Bottom Hose from 06/06/2000	CH4072	1685011082
			
<b>A160 1.6 LITRE M168 ENGINE 1998-2005</b>			
	Top Hose	CH4070	1685010082
	Bottom Hose upto 5/06/2000	CH4071	1685010282
	Bottom Hose from 06/06/2000	CH4072	1685011082







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Make Model	Description	Mackay #	O.E.M #
<b>A190 1.9 LITRE M166.990 ENGINE 1999-2002</b>			
	Top Hose	CH4070	1685010082
	Bottom Hose <i>upto 5/06/2000</i>	CH4071	1685010282
	Bottom Hose <i>from 06/06/2000</i>	CH4072	1685011082
			
<b>C200 2.0 LITRE M111 ENGINE 1996-2000</b>			
	Top Hose <i>without A/C</i>	CH4075	2025010882
	Bottom Hose <i>with A/C</i>	CH4076	2025012782
			
<b>CLK200 2.0 LITRE 2000-05</b>			
	Top Hose	CH4073	2025016382
	Bottom Hose	CH4074	2025017682
<b>CLK230 2.3 LITRE 2000-05</b>			
	Top Hose	CH4073	2025016382
	Bottom Hose	CH4074	2025017682
			
<b>E200CDi 2.0 LITRE (EXPORT ONLY)</b>			
	Top Hose	CH4087	2105013482
	Bottom Hose	CH4088	2105016782
	Bottom Hose <i>up to 6/99</i>	CH4134	2105013582
	Expansion Tank Hose	CH4105	2105015882
			
<b>E200 DIESEL ENGINES (EXPORT ONLY)</b>			
	Top Hose	CH4083	2105011882
	Bottom Hose	CH4096	2105011982
			
<b>E230 2.3 LITRE M111 ENGINE 1996-6/99</b>			
	Top Hose	CH4081	2105011582
	Bottom Hose	CH4430	2105011682
			

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Make Model	Description	Mackay #	O.E.M #
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## E240 2.4 LITRE M112-910 ENGINE 1998-2002

Top Hose	CH4082	2105013382
Bottom Hose	CH4084	2105013282
Expansion Tank Hose <i>Radiator to expansion tank(with A/C)</i>	CH4079	2105010482



## E250 DIESEL (EXPORT ONLY)

Top Hose	CH4093	2105011482
Bottom Hose	CH4098	2105011382



## E270CDI 2.7 LITRE OM612.961 ENGINE 1999-2002

Top Hose	CH4097	2105013682
Bottom Hose	CH4089	2105016682
Expansion Tank Hose <i>to tank</i>	CH4095	2105016482



## E300TD 3.0 LITRE M606 ENGINE 7/97-11/99

Top Hose	CH4085	2105010182
Bottom Hose	CH4086	2105010382



## E320CDI 3.2 LITRE (EXPORT ONLY)

Top Hose	CH4090	2105016282
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## SPRINTER DIESEL/TURBO 1998-2006

Top Hose <i>Without A/C</i>	CH4078	9015011882
Top Hose	CH4135	9015012782
Bottom Hose	CH4067	9015011182
Turbo Charger Hose <i>Turbo to charging air elbow</i>	CH4426	9015284382



## VITO 108D 2.3 LITRE OM601D23 ENGINE 1999-ON

Cooling return hose outlet	CH4077	6385010882
Cooling Feed Hose Inlet No2	CH4080	6385011082

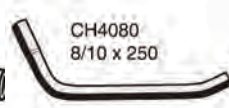
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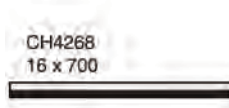
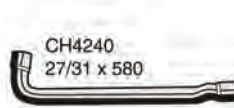
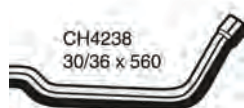
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Make Model	Description	Mackay #	O.E.M #
<b>VITO 108D 2.3 LITRE OM601D23 ENGINE 1999-ON</b>			
	Heater Hose <i>pipe to engine CDI Models</i>	<b>CH4068</b>	6385012182



## MINI

<b>COOPER R50 1.4, 1.5 LITRE W10B16 ENGINE 2000-12/2000</b>			
Top Hose	<b>CH4238</b>	17121475563	
Bottom Hose <i>Radiator to Elbow</i>	<b>CH4239</b>	17127515486	
Bottom Hose <i>Elbow to Pipe</i>	<b>CH4240</b>	17121475561	
ByPass Hose <i>water pump to flange connector</i>	<b>CH4241</b>	11517829913	
ByPass Hose <i>water pump to pipe</i>	<b>CH4268</b>	11537514986	



<b>COOPER R53 1.6 LITRE L4 ENGINE 2001-2006</b>			
Top Hose <i>radiator to breather tube</i>	<b>CH4619</b>	17127515500	
Top Hose <i>breather tube to engine (manual trans)</i>	<b>CH4620</b>	17127515501	
Top Hose <i>breather Tube to Engine (Auto Trans)</i>	<b>CH4706</b>	17127556614	
Bottom Hose <i>manual trans</i>	<b>CH4621</b>	17121475574	
Bottom Hose <i>Auto Trans</i>	<b>CH4705</b>	17127541094	





Make Model	Description	Mackay #	O.E.M #
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### **380 DB 3.8i 09/05-ON**

Top Hose	CH4019	MN180269
Bottom Hose	CH4018	MN180270
Heater Hose	CH4020	MN162745



### **CANTER 3298cc 4D30 ENGINE 1978-86**

Bottom Hose	CH4330	MB356911
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### **CANTER F SERIES**

#### **FE211 1979-86**

Top Hose	CH1629	MB110068
Bottom Hose	CH1628	MB110067
Hose Water Inlet Pipe to Engine	CH1630	MB110082

#### **FK 102 FR, JR 1977-83**

Top Hose	CH1638	MC426292
Bottom Hose <i>With out A/C</i>	CH1634	MC426097
Hose -Water Inlet - Pipe to Engine	CH1636	MC426246

#### **FM 211 1985-89**

Top Hose	CH1641	MB110270
Bottom Hose	CH1642	MB110271

#### **FM 215 FR, JR, LR 1975-84**

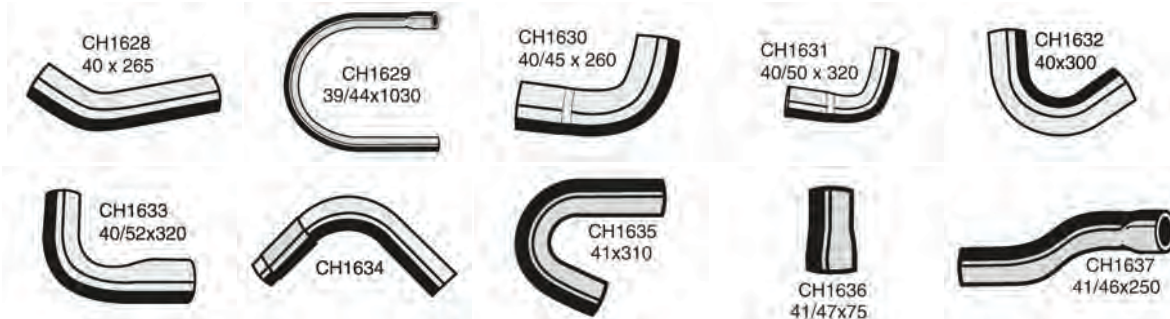
Top Hose - <i>to Eng.No.258720</i>	CH1637	MC426291
Top Hose <i>From Eng 258720</i>	CH1631	MC404243
Bottom Hose	CH1635	MC426147
ByPass Hose - <i>to Eng.No.258720</i>	CH1640	ME035178
Hose -Water Outlet - Pipe to Engine	CH1639	MC426309

#### **FM 515 FR, JR, MR, FS, JS, MS & Turbo 1985-88**

Pipe to Engine	CH1633	MC410502
Bottom Hose	CH1632	MC410501

#### **FV434 4G54 engine 1983-89 NZ & Export**

Bottom Hose	CH3789	MB390037
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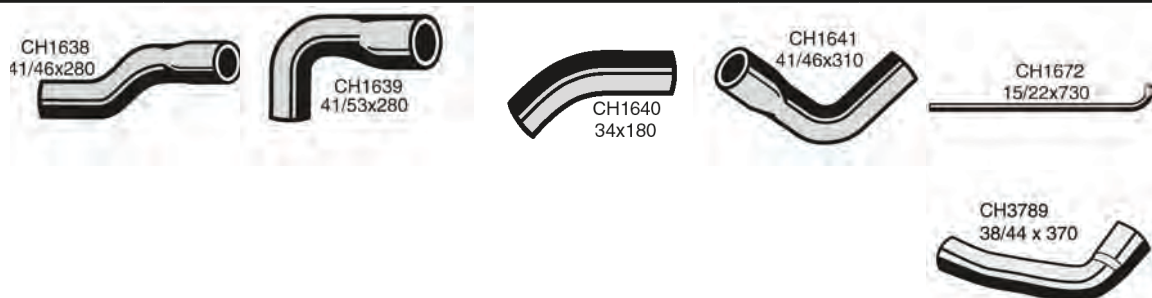
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Make Model	Description	Mackay #	O.E.M #
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## CANTER F SERIES



## CARISMA DA1A 1.6 LITRE 4G92 1995-2003

Top Hose	CH5187	MR126063
Bottom Hose <i>to 8/2002</i>	CH5190	MR126064
Bottom Hose <i>from 8/2002</i>	CH5189	MR915951



## CELEST, SIGMA 1977-80

### 1.6 Litre

Top Hose	CH1132	4068066
Bottom Hose	CH1274	MB007535

### 2.0 Litre

Top Hose	CH1145	4066433
Bottom Hose	CH1260	MB007478



## CHALLENGER PA 3.0 LITRE 6G72 1998-03

Top Hose	CH4189	MR239632
Bottom Hose	CH4190	MR239636



## COLT C11 1.3, 1.5 LITRE ENGINES 1984-88 NZ & EXPORT ONLY

Bottom Hose	CH4044	MB221849
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## COLT 4G63 ENGINE 1996-00 NZ & EXPORT

Top Hose	CH3784	MR281643
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## COLT RA SERIES, 1.4 LITRE 1981-82

Top Hose	CH1279	MB007635
Bottom Hose <i>Manual Trans.</i>	CH1280	MB007648

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Make Model	Description	Mackay #	O.E.M #
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## **COLT RA SERIES, 1.4 LITRE 1981-82**

Bottom Hose *Auto. Trans.*

CH1296 MB008024



## **COLT RB SERIES, 1.4 & 1.6 LITRE 1982-84**

Top Hose  
Bottom Hose

CH1279 MB007635  
CH1467 AW301407



## **COLT RC, RD, RE 1.4 & 1.6 LITRE 1984-90**

Top Hose  
Bottom Hose  
ByPass Hose  
Heater Hose - Upper  
Heater Hose - Lower

CH1279 AB007635  
CH1467 AW301407  
CH1571 AD009016  
CH1654 AB272306  
CH1653 AB272300

## **COLT 1.5 LITRE DOHC 2003-ON**

Top Hose  
Bottom Hose  
Bottom Hose *intermediate*  
Bypass *Throttle Body Feed*  
ByPass Hose *cut to length*

CH4649 1370A025  
CH4637 1370A041  
CH4636 1370A026  
CH4638 MR994848  
HH82 MR994849

## **CORDIA AA 1.6 LITRE (4G32) 1983-84**

Top Hose  
Bottom Hose

CH1486 MB221540  
CH1487 MB221541

## **CORDIA AB, AC 1.8 LITRE 1984-89**

Top Hose  
Top Hose *Turbo only*  
Bottom Hose

CH1818 MB221570  
CH1819 MB222208  
CH1487 MB221541

## **DELICA 2.8 LITRE 4M40T ENGINE CHASIS PE8W 1994-1999**

Top Hose  
Bottom Hose

CH5253 MR281671  
CH5254 MR126111

## **DELICA PB6W, PD6W, PF6W 3.0 LITRE 6G72 ENGINE 5/94-12/06**

Top Hose  
Bottom Hose

CH5394 MB957102  
CH5395 MB957105

## **L200 SERIES EXPRESS UTILITY**

### **K64 & K74 2.5 Litre T/Diesel 1996-ON**

Heater Hose  
Heater Hose

CH5179 MR241065A  
CH5180 MR241065B

### **KB4T 2.5 Litre T/Diesel DID 2005-on**

Heater Hose (12/2005-11/2007)  
Heater Hose (12/2007-ON)

CH5192 MN123564  
CH5191 7805A222



### **MA 1979-81**

#### **1.6 Litre Saturn Engine**

Top Hose  
Bottom Hose  
ByPass Hose

CH1538 MB007536  
CH1274 MB007535  
CH1571 AD009016

#### **2.0 Litre Astron Engine**

Top Hose  
Bottom Hose  
Bottom Hose 4WD  
ByPass Hose

CH1145 MB007476  
CH1260 MB007478  
CH1261 MB007582  
CH1571 AD009016

### **MB 1981-82**

#### **1.6 Litre Saturn Engine**

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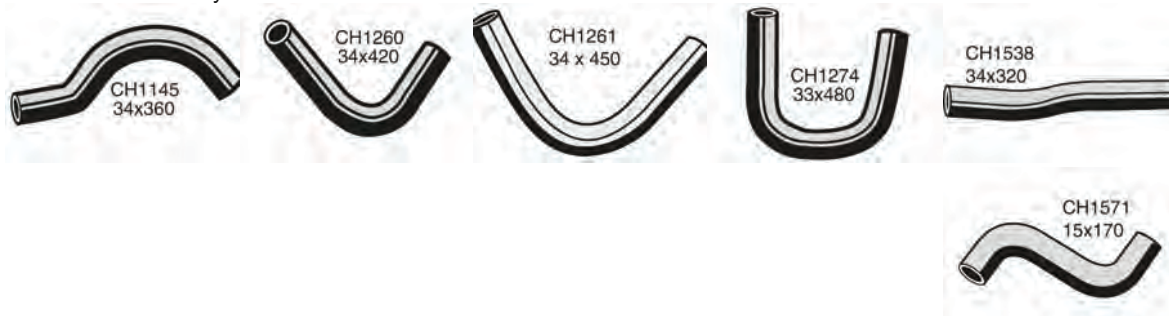
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**L200 SERIES EXPRESS UTILITY**

Top Hose	CH1538	MB007536
Bottom Hose	CH1274	MB007535
ByPass Hose	CH1571	AD009016

**2.0 Litre Astron Engine**

Top Hose	CH1145	MB007476
Bottom Hose	CH1260	MB007478
Bottom Hose 4WD	CH1261	MB007582
ByPass Hose	CH1571	AD009016

**MC 1983-84****1.6 Litre Saturn Engine**

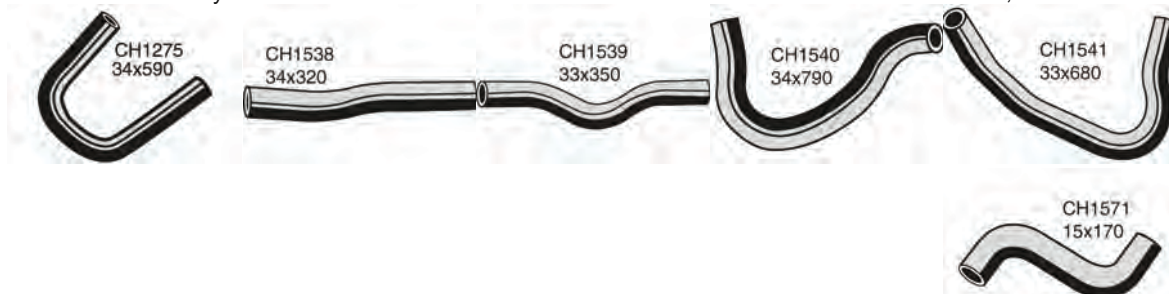
Top Hose	CH1538	MB007536
Bottom Hose	CH1275	MB007593
ByPass Hose	CH1571	AD009016

**2.0 Litre Astron Engine**

Top Hose	CH1539	MB007760
Bottom Hose	CH1540	MB008056
Bottom Hose 4WD	CH1541	MB221769
ByPass Hose	CH1571	AD009016

**MD 1984-86****2.0 Litre Sirius Engine**

Top Hose	CH1539	MB7760
Bottom Hose	CH1540	MB008056
Bottom Hose 4WD	CH1541	MB221769
ByPass Hose	CH1571	AD009016, MD009016

**SJ 1996-2003****2.5 Litre 4D56 Diesel Engine**

Top Hose 2WD & 4WD	CH4145	MR127488
Bottom Hose	CH5043	MR127440

**2.8 Litre 4M40 Diesel Engine Chassis K67 06/96-01/03**

Top Hose 2WD	CH3198	MR127438
Bottom Hose 2WD	CH3099	MR127439
Heater Hose A	CH4038	MR241066A
Heater Hose B	CH4039	MR241066B
ByPass Hose pipe to thermostat housing	CH3899	ME200632

**2.8 Litre 4M40 Diesel Engine Chassis K77 06/96-2003**

Top Hose 4WD to 4/98 STD capacity Radiator	CH3198	MR127438
Top Hose 4WD High capacity Radiator	CH3096	MR312798
Bottom Hose 4WD to 4/98 STD capacity Radiator	CH3099	MR127439
Bottom Hose 4WD to 3/97 High capacity Radiator	CH3098	MR312799
Bottom Hose 4WD From 4/97 High capacity Radiator	CH4036	MR373087
Heater Hose A	CH4038	MR241066A
Heater Hose B	CH4039	MR241066B
ByPass Hose pipe to thermostat housing	CH3899	ME200632

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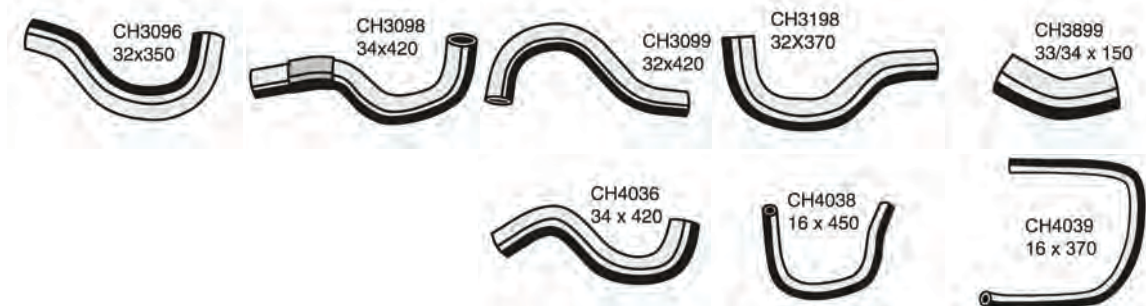
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Make Model	Description	Mackay #	O.E.M #
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## L200 SERIES EXPRESS UTILITY



## L300 SERIES EXPRESS, STAR WAGON

### SA, SB, SC 1980-84

#### 1.6 Litre Saturn Engine

Top Hose	CH1132	MB007725
Bottom Hose	CH1275	MB007728
ByPass Hose	CH1571	AD009016

#### SB, 1.8 Litre Sirius Engine 1982-83

Top Hose	CH1465	MB008026
Bottom Hose	CH1466	MB008027
ByPass Hose	CH1571	AD009016



#### SC, SD, SE, 1.8 Litre Sirius Engine 1983-86

Top Hose	CH1465	MB008026
Top Hose 4WD	CH1542	MB221987
Bottom Hose	CH1543	MB222411
ByPass Hose	CH1571	AD009016

#### SD, SE 1.6 Litre Saturn Engine 1984-86

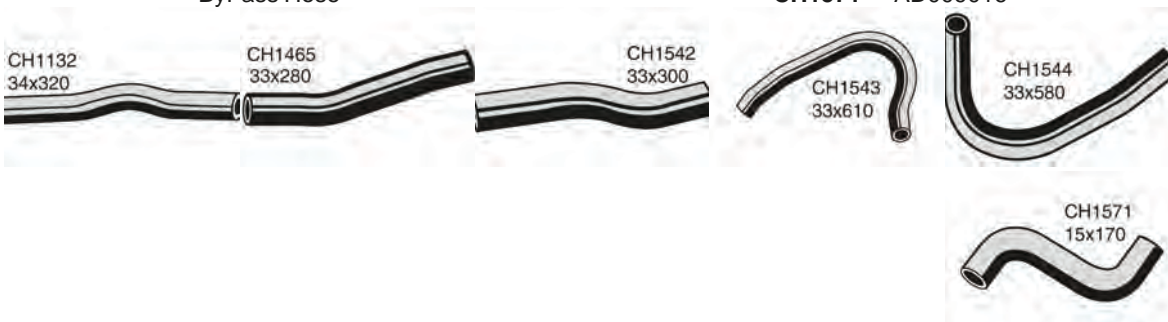
Top Hose	CH1132	AB007725
Bottom Hose	CH1544	MB356023
ByPass Hose	CH1571	AD009016

#### SD, 4WD 2.0litre Sirius Engine 1984-86

Top Hose	CH1542	MB221987
Bottom Hose	CH1543	MB222411
ByPass Hose	CH1571	AD009016

#### SD, SE 2.0 Litre Sirius Engine 1985-86

Top Hose	CH1542	MB221987
Bottom Hose	CH1543	MB222411
ByPass Hose	CH1571	AD009016



#### SF, SG, SH 2.0 Litre 1986-94

Top Hose	CH1722	MB356345
Bottom Hose	CH1706	MB356346
ByPass Hose	CH1571	AD009016
Heater Hose A	CH2980	MB380850
Heater Hose B	CH3022	MB380851

#### SF 2.4 Litre Petrol 1986-90

Top Hose	CH1705	MB356808
Bottom Hose	CH1706	MB356346
ByPass Hose	CH1571	AD009016
ByPass Hose	CH2947	MB538698
ByPass Hose all except Starwagon SE	CH3084	MS600623
Heater Hose B	CH3022	MB380851

#### SF 2.4 Litre Petrol 4WD 1986-90

Top Hose	CH1718	MB356809
Bottom Hose	CH1719	MB356381
ByPass Hose	CH1571	AD009016
Heater Hose B	CH2945	MB438043
Heater Hose A	CH2982	MB380858

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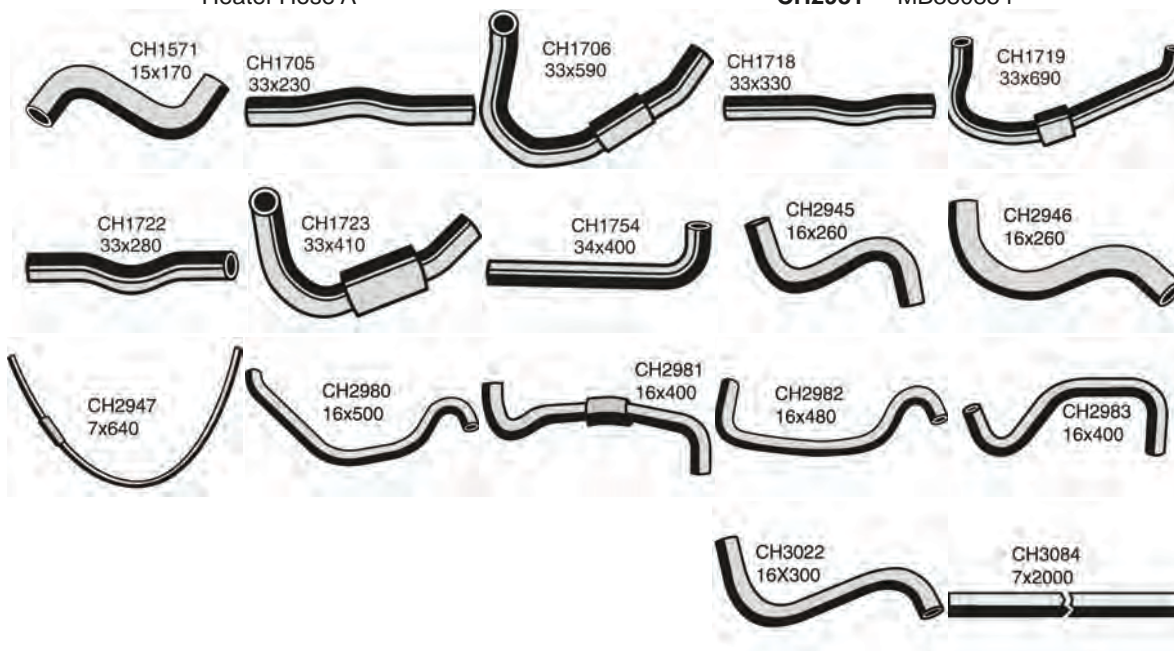
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Make Model	Description	Mackay #	O.E.M #
<b>L300 SERIES EXPRESS, STAR WAGON</b>			
	Heater Hose A 4WD	CH2983	MB380859
<b>SF 2.5 Litre Diesel 1986-94</b>			
	Top Hose	CH1754	MB356347
	Bottom Hose	CH1723	MB356348
	ByPass Hose	CH1571	AD009016
	Heater Hose to Heater No2 reuse protective sleeve Cut to length	HH1592	MB568251
	Heater Hose to Heater No1 Cut to length	HH1592	MB439958
	Heater Hose B	CH2946	MB380855
	Heater Hose A	CH2981	MB380854



<b>SJ 2.5 Diesel 1994-01</b>			
	Heater Hose Long reuse protective sleeve cut to length	HH1592	MB568251
	Heater Hose Cut to length	HH1592	MB439958
	Heater Hose A	CH2981	MB380854
<b>SJ 2.0, 4G63 &amp; 2.4 Litre 4G64 1994 -ON</b>			
	Top Hose	CH2966	MB957789
	Bottom Hose	CH2967	MR127924
	Heater Hose Short 2.4 Litre	CH2968	MR190526
	Heater Hose Short 2 Litre	CH3021	MR189491



<b>L400 STARWAGON</b>			
<b>WA 2.4 Litre 4G64 1994-2003</b>			
	Top Hose	CH5222	MB957103
	Bottom Hose	CH5223	MB957109
	Heater Hose heater to pipe	CH5544	MR116304
	Heater Hose heater to tap	CH5542	MR115569
	Heater Hose T piece to T piece	CH5543	MR116302
	Heater Hose T Piece to pipe	CH5540	MR116311
	Heater Hose recovery bottle to pipe	CH5541	MR175996
	Heater Hose T piece to T/H pipe	CH5545	MR189729
	Heater Hose tap to T piece	CH5546	MR189728
	ByPass Hose Throttle body return	CH5547	MD309629



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Make Model	Description	Mackay #	O.E.M #
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## **GALANT**

### **E30 Series 1988-93**

Top Hose	<b>CH3906</b>	MB356960
Bottom Hose	<b>CH3907</b>	MB356966



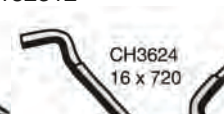
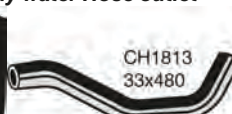
### **HG, HH 2.0 Litre 1989-92**

Top Hose <b>S.O.H.C.</b>	<b>CH1715</b>	MB356963
Top Hose <b>D.O.H.C.</b>	<b>CH1716</b>	MB356964
Bottom Hose	<b>CH1717</b>	MB356967



### **HJ 2.0 Litre 1993-96**

Top Hose <b>S.O.H.C.</b>	<b>CH1812</b>	MB845901
Top Hose <b>D.O.H.C.</b>	<b>CH1811</b>	MB845899
Bottom Hose <b>S.O.H.C.</b>	<b>CH1813</b>	MB845902
Bottom Hose <b>D.O.H.C.5 SPD Man.</b>	<b>CH1814</b>	MB890344
Bottom Hose <b>D.O.H.C.4 SPD Auto.</b>	<b>CH1815</b>	MB845900
Heater Hose No1	<b>CH3626</b>	MB912558A
Heater Hose No2	<b>CH3627</b>	MB912558B
ByPass Hose <b>Throttle Body water hose</b>	<b>CH3625</b>	MD188552
ByPass Hose <b>Throttle Body water Hose outlet</b>	<b>CH3624</b>	MD182312



## **GALANT E55 1996-00 NZ & EXPORT**

Top Hose	<b>CH3784</b>	MR281643
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## **GALANT 4G37, 4G63 4CYL NZ & EXPORT**

Bottom Hose	<b>CH3785</b>	MB221924
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## **GALANT 4G93 2.0 LITRE ENGINE 1998-ON NZ & EXPORT**

Top Hose	<b>CH3791</b>	MR212522
Bottom Hose	<b>CH3867</b>	MR212523



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Make Model	Description	Mackay #	O.E.M #
<b>GALANT 4G63 2.0 LITRE ENGINE 1998-ON NZ &amp; EXPORT</b>			
	Bottom Hose FWD	CH3868	MR212524



<b>LANCER 2001- ON EXPORT ONLY</b>			
	Bottom Hose	CH4328	MR529751



<b>LANCER CS3A 1.6 LITRE 2004-</b>			
	Bottom Hose	CH5185	MN156796
	Heater Hose	CH5182	MN150638B
	Heater Hose	CH5181	MN150638A



<b>LANCER 4G63 4 CYL 1996-00 NZ &amp; EXPORT</b>			
	Top Hose	CH3784	MR281643



<b>LANCER C10 1.3, 1.5 LITRE 1984-88 NZ &amp; EXPORT</b>			
	Bottom Hose	CH4044	MB221849



<b>LANCER</b>			
<b>1.2, 1.6 Litre 1980-ON NZ &amp; Export</b>			
	Top Hose	CH1145	4066433
<b>1.3 Litre 4G13 Engine 1989-92 NZ &amp; Export</b>			
	Top Hose	CH3027	MB538570
	Bottom Hose	CH2576	MB538692
<b>LA 1.4 Litre 1974-79</b>			
	Top Hose to Eng No. 3B86667	CH893	MA152520
	Top Hose from Eng No. 3B86667	CH1180	4063448
	Bottom Hose to Eng No. 3B86667	CH894	MA152521
	Bottom Hose from Eng No. 3B86667	CH1273	MB007473
<b>LB 1.6 Litre 1977-79</b>			
	Top Hose to Eng No. 2J07818	CH1180	4063448
	Top Hose From Eng No. 2J07818	CH1132	4068066
	Bottom Hose to Eng No. 2J07818	CH1273	MB007473
	Bottom Hose From Eng No. 2J07818	CH1274	MB007535
<b>LC 1.6 Litre 1979-81</b>			
	Top Hose	CH1132	4068066
	Bottom Hose	CH1274	MB007535



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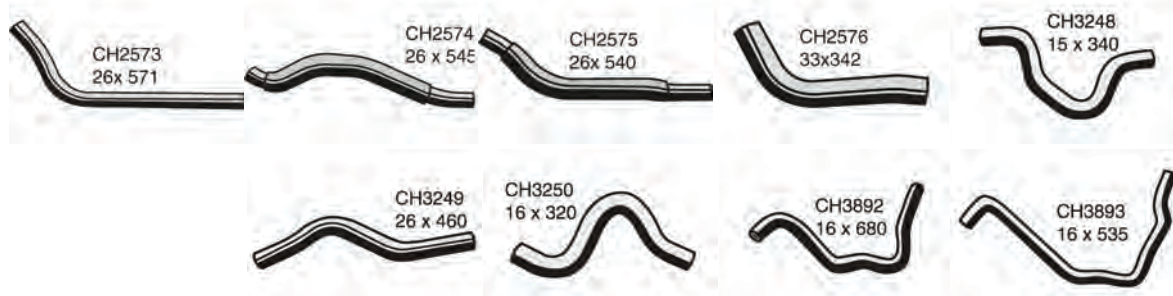
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Make Model	Description	Mackay #	O.E.M #
<b>LANCER</b>			



## CA-CB 1.5 Litre 4G15 1988-96

Top Hose <i>With Carby 1988-90</i>	CH2573	MB605330
Top Hose <i>1989-90 FI</i>	CH3249	MB538571
Top Hose <i>with (carby 90-on) (FI 91-on)</i>	CH2575	MB660689
Top Hose <i>3 door 5/90-92</i>	CH2574	MB605372
Bottom Hose	CH2576	MB538692
Heater Hose A	CH3250	MB597983A
Heater Hose B	CH3248	MB597983B
Heater Hose <i>CB</i>	CH3892	MB907197A
Heater Hose <i>CB</i>	CH3893	MB907197B



## CC 1500cc Engine 1993-94

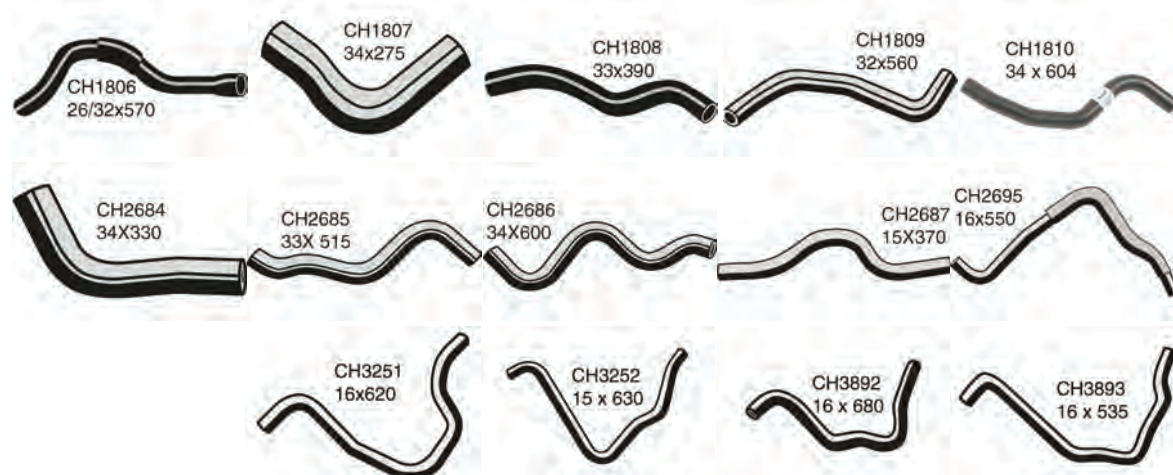
Top Hose	CH1806	MB660600
Bottom Hose	CH1808	MB660610
Heater Hose	CH3892	MB907197A
Heater Hose	CH3893	MB907197B

## CC 1.6 Litre 4G92 Engine 1992-96

Top Hose	CH2684	MB890299
Bottom Hose Auto Transmission	CH2685	MB890298
Bottom Hose Manual Transmission	CH2686	MB890297
Heater Hose A	CH2687	MB912849A
Heater Hose B	CH2695	MB912849B

## CC 1800cc Engine 1993-94

Top Hose	CH1807	MB660601
Bottom Hose <i>SOHC Auto. Trans</i>	CH1809	MB660612
Bottom Hose <i>SOHC 5 Spd M/trans also DOHC W/Turbo</i>	CH1810	MB660611
Heater Hose A	CH3252	MB907198A
Heater Hose B	CH3251	MB907198B



## CE 1.5 Litre 1996-2003

Top Hose	CH2557	MR204562
Bottom Hose <i>Manual Transmission</i>	CH2559	MR204553
Bottom Hose <i>Auto Transmission</i>	CH3727	MR497677
Heater Hose B	CH2564	MR241363B
Heater Hose A	CH2558	MR241363A

## CE (Sedan) 1.8 Litre 4G93 1996-2002

Top Hose	CH2625	MR204376
Bottom Hose <i>Manual Trans</i>	CH2468	MR127883
Bottom Hose <i>Auto Trans to 5/96</i>	CH2467	MR258832
Bottom Hose <i>Auto Trans from 5/96</i>	CH2469	MR340026
Heater Hose A	CH2489	MR178784A
Heater Hose B	CH2484	MR178784B

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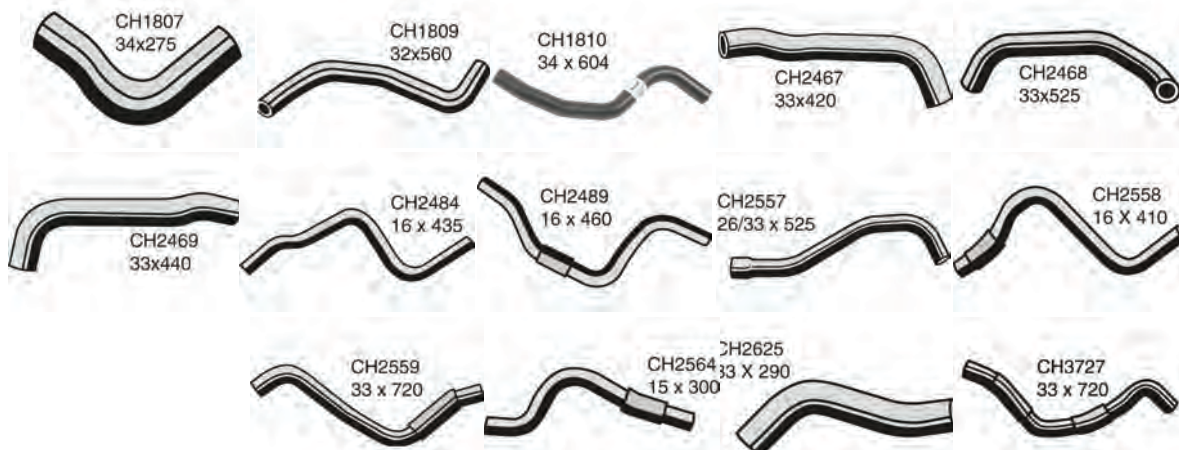
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Make Model	Description	Mackay #	O.E.M #
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## LANCER

### CE (Wagon) 1.8 Litre 4G93 1996-2002

Top Hose	CH1807	MB660601
Bottom Hose <i>SOHC Auto.Trans</i>	CH1809	MB660612
Bottom Hose <i>SOHC 5 Spd M/trans also DOHC W/Turbo</i>	CH1810	MB660611



### CG 2.0 Litre SOHC 16V 2002-on

Top Hose	CH3246	MR571701
Bottom Hose	CH3247	MR571703
Heater Hose 1	CH3244	MN133418A
Heater Hose 2	CH3245	MN133418B



### CJ 2.0 Litre 2007-on

Top Hose <i>LH</i>	CH4646	1370A192
Top Hose <i>RH</i>	CH4661	1370A230
Bottom Hose	CH4650	1370A165
Heater Hose	CH4643	7805A024
Heater Hose	CH4645	7805A025
ByPass Hose <i>throttle body feed</i>	CH4644	1310A602
ByPass Hose	CH4640	1310A247



### CS3A 1.6 Litre 2004-ON

Top Hose	CH5186	MN135915
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### EX 1.2 Litre 1980-ON (Export Only)

Top Hose	CH1145	4066433
Bottom Hose	CH1275	MB007593



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Make Model	Description	Mackay #	O.E.M #
<b>LANCER EVO IX CY 2.0 LITRE 4G63 ENGINE 2005-2007</b>			
	Bottom Hose	CH5092	1370A098



<b>LEGNUM 1.8 LITRE 4G93 ENGINE 1995-00 EXPORT ONLY</b>			
	Top Hose	CH3865	MR212519
	Bottom Hose	CH3946	MR212521



<b>MAGNA TE-TF 1996-98</b>			
<b>2.4 Litre 4G64 Engine</b>			
	Top Hose	CH2671	AW342763
	Bottom Hose	CH2670	AW342761
	Heater Hose A	CH2498	AW342622
	Heater Hose B	CH2481	AW342623



<b>MAGNA TL 06/2003-9/2004</b>			
<b>3.5 Litre 6G74</b>			
	Top Hose	CH2298	AW342518
	Bottom Hose	CH3047	AW350831



<b>MAGNA TM 2.6 LITRE 1985-87</b>			
	Top Hose	CH1505	AB356131
	Bottom Hose	CH1506	AB356132



<b>MAGNA TN, TP 2.6 LITRE 1987-91</b>			
	Top Hose W/Carby	CH1505	AB356131
	Top Hose W/MPI	CH1659	AW313045,AW316423,AW319184
	Bottom Hose	CH1708	AW317343
	ByPass Pump to Adaptor	CH2780	AW314131
	ByPass Adapter to Tube Carby & E.F.I	CH2778	AW314132
	ByPass Tube to Manifold (MPI) TP	CH2781	AW312824
	ByPass Manifold to caburettor	CH2514	AW335594
	ByPass Upper Water Pump to Manifold TP (Carburetted)	CH2702	AW335518
	ByPass Lower Water Pump to Manifold TP (Carburetted)	CH2722	AD078258
	ByPass Water pump to Intake manifold TP(MPI)	CH2760	AW326740
	ByPass Carburettor Water TP (Carburetted) Cut to Length	HH82	AW319410
	Heater Hose Lower	CH2721	AB379597
	Heater Hose Lower Manual Trans TP	CH2736	AW319176
	Heater Hose Upper	CH2735	AW319175

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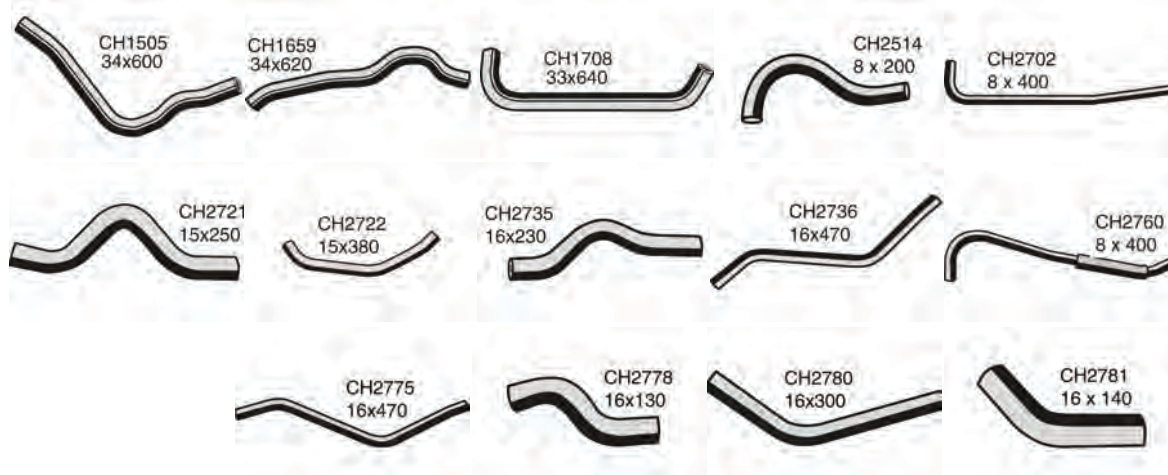
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Make Model	Description	Mackay #	O.E.M #
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## MAGNA TN,TP 2.6 LITRE 1987-91

Heater Hose *Lower Auto Trans TP*

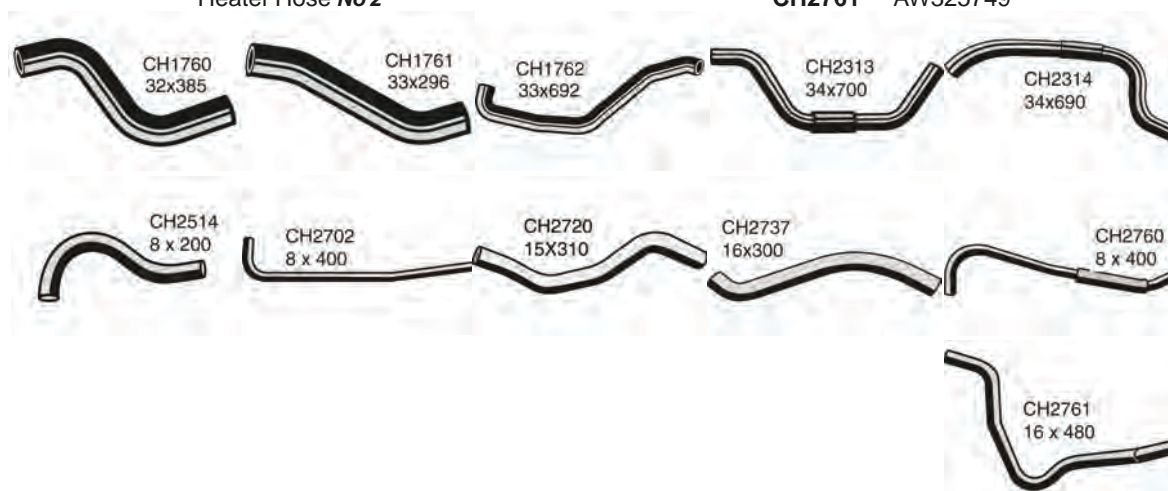
CH2775 AW321874, AB379598



## MAGNA TR, 1991-94

2.6 Litre

Top Hose <i>MPI to 10/93</i>	CH2314	AW333970
Top Hose <i>MPI Pipe to Rad 11/93 on</i>	CH1760	AW323634
Top Hose <i>MPI Eng to Pipe 11/93 on</i>	CH1761	AW323635
Top Hose <i>Carby Man Trans to 10/93</i>	CH1760	AW323634
Top Hose <i>Carby Auto Trans to 10/93</i>	CH2427	AW325177
Top Hose <i>Carby eng to pipe to 10/93</i>	CH1761	AW323635
Top Hose <i>W/Carby Auto Trans 11/93 on</i>	CH2312	AW334122
Top Hose <i>W/Carby ManTrans 11/93 on</i>	CH2313	AW334121
Bottom Hose	CH1762	AW325179
ByPass <i>Upper Water Pump to Manifold (Carburetted)</i>	CH2702	AW335518
ByPass <i>Throttle Body to adaptor 8mm Cut to Size</i>	HH82	AW319690
ByPass <i>Water Pump to intake manifold Intlet</i>	CH2737	AW323518
ByPass <i>Water Pump to Intake Manifold Outlet</i>	CH2734	AW323519
ByPass <i>Manifold ByPass to caburettor</i>	CH2514	AW335594
Heater Hose <i>No 1</i>	CH2720	AW325748
Heater Hose <i>No 2</i>	CH2761	AW325749



## 3.0 Litre V6

Top Hose	CH1820	AW321581
Bottom Hose- <i>Man. Trans</i>	CH1821	AW328744
Bottom Hose- <i>Auto. Trans</i>	CH1822	AW321582
ByPass <i>Water Intake pipe to connector 8mm cut to Size</i>	HH82	MD165196
ByPass <i>Thermostat Outlet 8mm cut to Size</i>	HH82	MD021469
ByPass <i>Thermostat ByPass</i>	CH2777	MD103788
Heater Hose <i>No 1</i>	CH2779	AW325724
Heater Hose <i>No 2</i>	CH2723	AW325725

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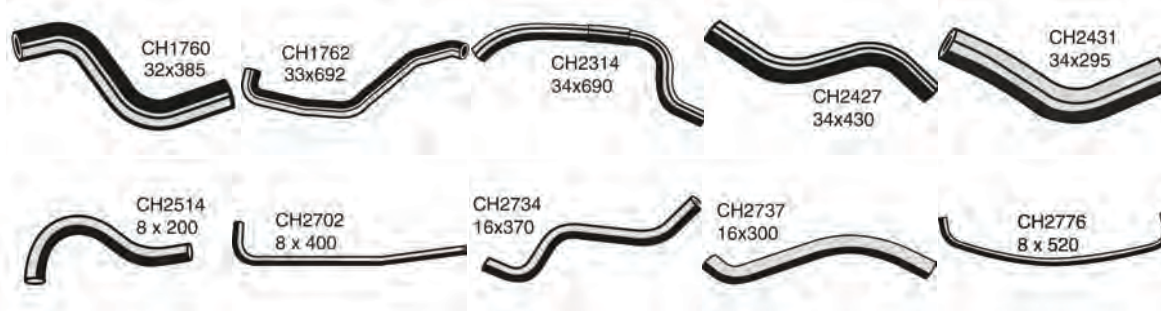
Make Model	Description	Mackay #	O.E.M #
<b>MAGNA TR, 1991-94</b>			
	Hose Pack Contains: CH1820, CH1822, CH2779, CH2723, CH2777, HH82	<b>CHVP13</b>	



## MAGNA TS 1994-96

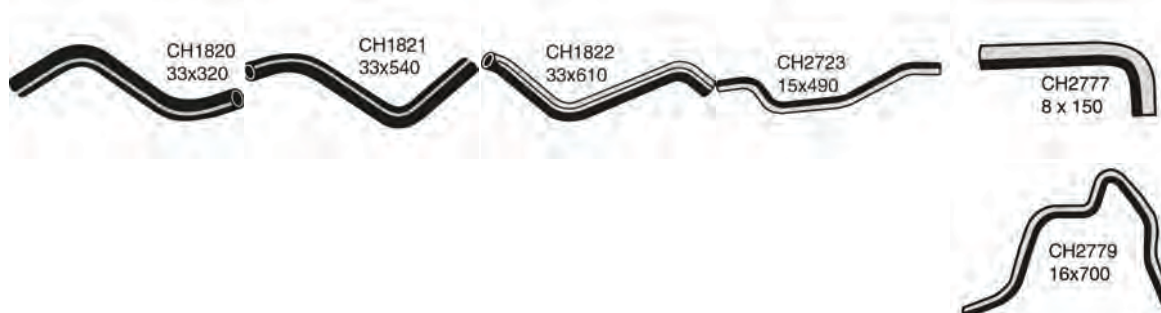
### 2.6 Litre

Top Hose W/Carby Eng to pipe	<b>CH2431</b>	AW328186
Top Hose Pipe to Rad W/Carby Manual Trans	<b>CH1760</b>	AW323634
Top Hose MPI	<b>CH2314</b>	AW333970
Top Hose Pipe to Rad W/Carby Auto Trans	<b>CH2427</b>	AW325177
Bottom Hose	<b>CH1762</b>	AW325179
ByPass Upper Water Pump to Manifold (Carburetted)	<b>CH2702</b>	AW335518
ByPass Water Pump to intake manifold Intlet	<b>CH2737</b>	AW323518
ByPass Water Pump to Intake Manifold Outlet	<b>CH2734</b>	AW323519
ByPass Manifold to caburettor	<b>CH2514</b>	AW335594
ByPass Intake Manifold to Throttle Body	<b>CH2776</b>	AW319689



### 3.0 Litre V6

Top Hose	<b>CH1820</b>	AW321581
Bottom Hose-Man.Trans	<b>CH1821</b>	AW328744
Bottom Hose-Auto.Trans	<b>CH1822</b>	AW321582
ByPass Thermostat ByPass	<b>CH2777</b>	MD103788
ByPass Water Intake pipe to connector 8mm cut to Size	<b>HH82</b>	MD165196
ByPass Thermostat Outlet 8mm cut to Size	<b>HH82</b>	MD021469
Heater Hose No 1	<b>CH2779</b>	AW325724
Heater Hose No 2	<b>CH2723</b>	AW325725



## MAGNA KE, TE, TF V6 3 LITRE (6G72) 4/96-1999

Top Hose	<b>CH2298</b>	AW342518
Bottom Hose	<b>CH2299</b>	AW342519
Heater Hose	<b>CH3048</b>	AW339442
Heater Hose	<b>CH3029</b>	AW339441

## MAGNA TH & TJ, VERADA KH & KJ 3.0 LITRE 1999-02

Top Hose	<b>CH2298</b>	AW342518
Bottom Hose	<b>CH3047</b>	AW350831
Heater Hose	<b>CH3048</b>	AW339442
Heater Hose	<b>CH3029</b>	AW339441

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Make Model	Description	Mackay #	O.E.M #
<b>MAGNA TH &amp; TJ, VERADA KH &amp; KJ 3.5 LITRE 1999-02</b>			
	Top Hose	CH2298	AW342518
	Bottom Hose	CH3047	AW350831
	Heater Hose	CH3048	AW339442
	Heater Hose	CH3029	AW339441

**MAGNA TW 10/2004-2005  
3.5 Litre 6G74**

Top Hose	CH2298	AW342518
Bottom Hose	CH3047	AW350831



**MIRAGE CJ1A 1.3 LITRE 4G13 ENGINE 1995-00**

Top Hose	CH2557	MR204562
Bottom Hose	CH3727	MR497677

**MIRAGE CE-CD 4G15 1.5 LITRE 1996-01**

Top Hose	CH2557	MR204562
Bottom Hose <i>Manual Transmission</i>	CH2559	MR204553
Bottom Hose <i>Auto Transmission</i>	CH2556	MR204554
Heater Hose A	CH2558	MR241363A
Heater Hose B	CH2564	MR241363B



**MIRAGE 4 CYL 1.3 LITRE (4G13) SOHC 1988-5/90**

Top Hose	CH5188	MR204556
Bottom Hose	CH3023	MB356504



**MIRAGE CA1A 4 CYL 1.3 LITRE (4G13) 1991-96**

Top Hose	CH5193	MR204563
Bottom Hose	CH1808	MB660610



**MIRAGE 4 CYL 1.5 LITRE (4G15) MPI 1989-92**

Top Hose	CH3027	MB538570
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Make Model	Description	Mackay #	O.E.M #
<b>MIRAGE 1.5 LITRE &amp; 1.3 LITRE 4G15 DOHC, 4G13 1995-2003 NZ &amp; EXPORT</b>			
	Top Hose	CH5188	MR204556
	Bottom Hose	CH5184	MR204555



## NIMBUS

### UA, UB Wagon 1.8 Litre F.W.D. 1984-88

Top Hose	CH1519	MB221980
Bottom Hose	CH1520	MB221981
ByPass Hose	CH1571	MD009016
Heater Hose A	CH2701	MB527617A
Heater Hose B	CH2709	MB527617B

### UC 2.0 Litre 1988-92

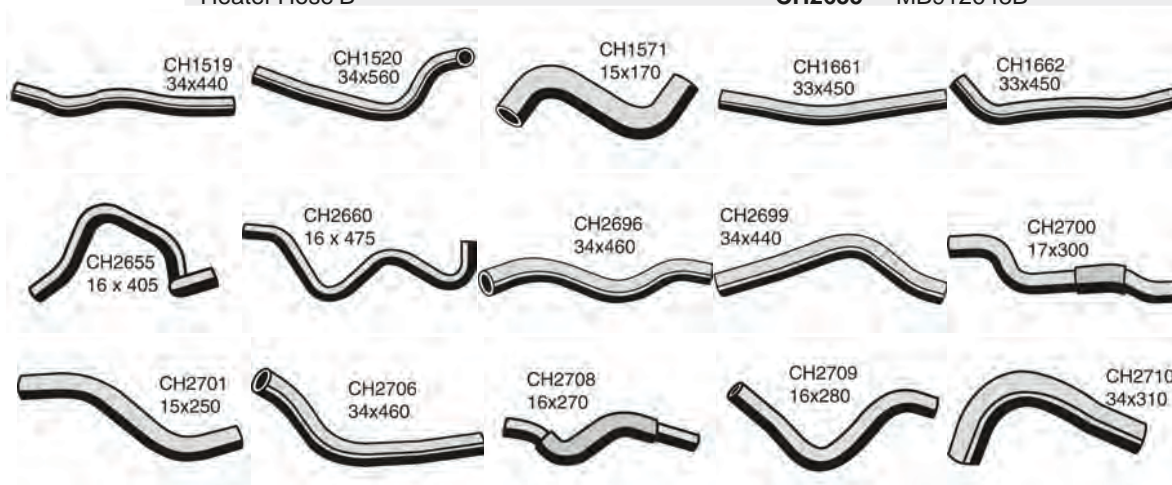
Top Hose	CH1661	MB356027
Bottom Hose Auto. Trans.	CH1662	MB222399
ByPass Hose	CH1571	AD009016, MB009016
Heater Hose A	CH2701	MB527617A
Heater Hose B	CH2709	MB527617B

### UF 2.4 Litre 8 valve engine 12/91-02/92

Top Hose	CH2699	MB660227
Bottom Hose	CH2696	MB660228
Heater Hose A	CH2700	MB831583A
Heater Hose B	CH2708	MB831583B

### UF 2.4 Litre 16 valve engine 02/92-1995

Top Hose	CH2710	MB890482
Bottom Hose	CH2706	MB890483
Heater Hose A	CH2660	MB912648A
Heater Hose B	CH2655	MB912648B



## OUTLANDER ZE 2.4 LITRE 4G64 ENGINE 2003-06

Top Hose	CH4929	MR968439
Bottom Hose	CH4926	MR968440
Heater Hose	CH4928	MN133074B
Heater Hose	CH4927	MN133074A



## OUTLANDER ZF 2.4 LITRE 4G69 ENGINE 06/2004-09/2006

Top Hose	CH4940	1370A023
Bottom Hose	CH4939	MN135701
Heater Hose	CH4935	MN161992B
Heater Hose	CH4934	MN161992A



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Make Model	Description	Mackay #	O.E.M #
<b>OUTLANDER ZG 2.4 LITRE 4B12 ENGINE 10/2006-2009</b>			
	Top Hose <i>RH side</i>	CH4919	1370A138
	Top Hose <i>LH side</i>	CH4918	1370A137
	Bottom Hose	CH4938	1370A190



<b>OUTLANDER ZG.ZH 3.0 LITRE 6B31 ENGINE 12/2006-2010</b>			
	Top Hose ( <i>LH Side</i> )	CH4951	1370A130
	Top Hose ( <i>RH Side</i> )	CH4952	1370A131
	Bottom Hose	CH4957	1370A129
	Heater Hose	CH4930	7805A028
	Heater Hose	CH4950	7805A029



<b>PAJERO</b>			
	6G72 6 cyl 1989-ON NZ & Export		
	Top Hose	CH3787	MB538804



## NA, NB, NC, ND, NE, NF 2.6 Litre (Petrol) 1983-94

Top Hose	CH1568	MB221722
Bottom Hose	CH1569	MB221723, MB221985
ByPass Hose-Manifold	CH1571	AD009016

## NA, NB, NC, ND, NE, NF 2.3, 2.5 Litre (Diesel) 1983-88

Top Hose	CH1713	MB008044
Bottom Hose	CH1714	MB221725, MB221969



## NF, NG, NH 3.0 Litre V6 (Petrol) 1988-94

Top Hose	CH1711	MB538803
Bottom Hose	CH1712	MB538826
ByPass Hose Thermostat	CH3578	MD125440
ByPass Throttle Body Inlet Hose (NH)	CH3579	MD138049
ByPass Throttle Body Return Hose (NF)	CH3580	MD140937
ByPass Hose Intake Manifold (NH,NJ,NG)	CH3581	MD156211
ByPass straight hose (CUT TO LENGTH)	SHW7X1	
Heater Hose (NF,NG)	CH3588	MB598095B
Heater Hose (NF,NG)	CH3587	MB598095A



## NG 2.5 Litre Turbo/Diesel 1988-91

Top Hose	CH1985	MB538978
Bottom Hose	CH1986	MB538827

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Make Model	Description	Mackay #	O.E.M #
<b>PAJERO</b>			



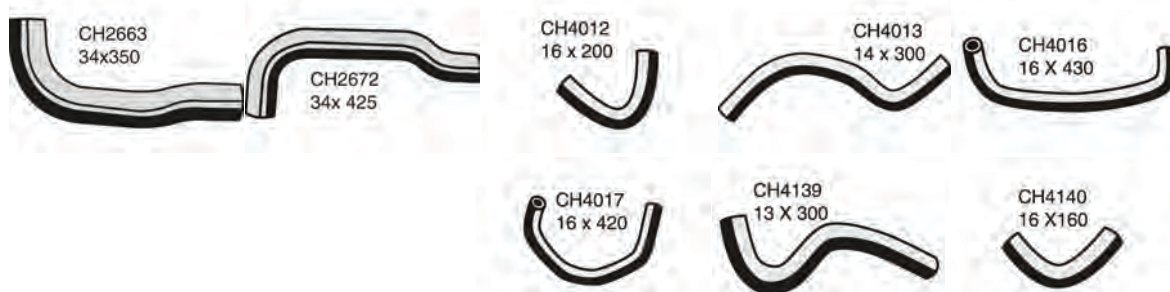
## NH-NJ 2.5 Litre Turbo/ Diesel 1991-94

Top Hose	CH1987	MB660521
Bottom Hose	CH1988	MB660692
Throttle Body Inlet Hose	CH3584	MD156210
Heater Hose <b>NH</b>	CH3894	MB831062A
Heater Hose <b>NH</b>	CH3895	MB831062B



## NJ 2.8 Litre 4M40 Diesel 1993-96

Top Hose	CH2663	MB957997
Bottom Hose	CH2672	MR127429
Heater Hose	CH4017	MR981144B
Heater Hose	CH4016	MR981144A
Heater Hose <b>Export only</b>	CH4012	MB657442
Heater Hose <b>Export only</b>	CH4013	MB657443
Heater Hose C <b>1990 on Export Only</b>	CH4140	MB657441
Heater Hose D <b>1990 on Export Only</b>	CH4139	MB657446



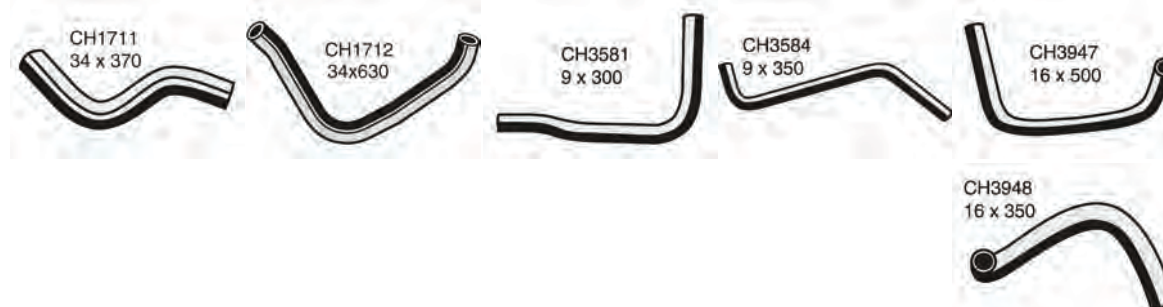
## NJ 2.8 Litre 4M40T Turbo/Diesel 1993-10/96

Top Hose <b>Radiator To inter cooler</b>	CH2673	MB890974
Bottom Hose	CH2653	MB890975
ByPass Hose <b>pipe to thermostat housing</b>	CH3899	ME200632
Heater Hose A	CH4014	MB527585A
Heater Hose B	CH4015	MB527585B



## NJ 3.0 Litre V6 1993-96

Top Hose	CH1711	MB538803
Bottom Hose	CH1712	MB538826
Heater Hose	CH3948	MB831061B
Heater Hose	CH3947	MB831061A
ByPass Hose Intake manifold	CH3581	MD156211
ByPass Hose Throttle Body Inlet	CH3584	MD156210
Hose Pack 1995-96 <b>Contains: CH3947, CH3948, CH1711, CH3581, CH3584, CH1712</b>	CHVP21	



## NJ 3.5 Litre V6 6G74 1995-96

Top Hose	CH2455	MB890972
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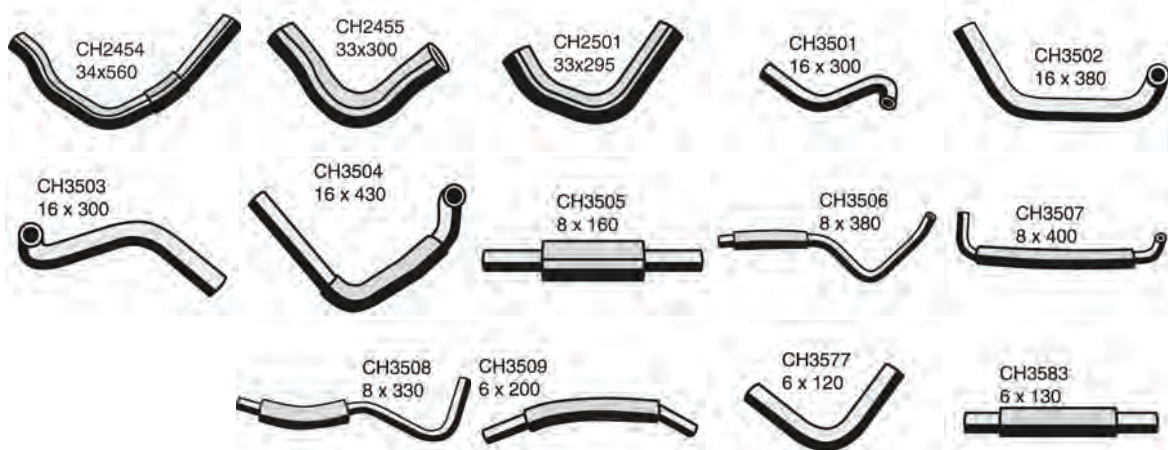
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Make Model	Description	Mackay #	O.E.M #
<b>PAJERO</b>			
	Top Hose <b>6/97-on</b>	CH2501	MR127893
	Bottom Hose	CH2454	MB890985
	Heater Hose part B	CH3501	MR414258B
	Heater Hose Part A	CH3502	MR414258A
	Throttle Body Hose A	CH3508	MD307529
	Throttle Body Hose B	CH3506	MD308822
	Throttle Body Hose C	CH3507	MD311848
	Throttle Body Hose D	CH3505	MD338272
	ByPass Hose	CH3509	MD308943
	ByPass Hose	CH3503	MR124951B
	ByPass Hose	CH3504	MR124951A
	Water Line Hose No 1	CH3577	MD302963
	Water Line Hose No 3	CH3583	MD302962
	Hose Pack 1995-96 <b>Contains: CH3505, CH2455, CH2454, CH3501, CH3502, CH3583, CH3507, CH3506, CH3509, CH3504, CH3577, CH3508</b>	CHVP19	
	Hose Pack 1996-97 <b>Contains: CH3505, CH2501, CH2454, CH3501, CH3502, CH3583, CH3507, CH3506, CH3509, CH3504, CH3577, CH3508</b>	CHVP20	

**NK 2.8 Litre 4M40 Diesel 1996-97**

Top Hose	CH2663	MB957997
Bottom Hose	CH2672	MR127429
ByPass Hose <i>pipe to thermostat housing</i>	CH3899	ME200632
Heater Hose	CH4017	MR981144B
Heater Hose	CH4016	MR981144A

**NK 3.0 Litre 6G72 Engine 1996-97**

Top Hose	CH1711	MB538803
Bottom Hose	CH1712	MB538826

**NK 3.5 Litre 6G74 Engine 1996-97**

Top Hose	CH2455	MB890972
Bottom Hose	CH2454	MB890985

**NL 2.8 Litre 4M40 Diesel 1997-2000**

Top Hose	CH2663	MB957997
Bottom Hose	CH2672	MR127429
ByPass Hose <i>pipe to thermostat housing</i>	CH3899	ME200632
Heater Hose	CH4017	MR981144B
Heater Hose	CH4016	MR981144A
Water Pump Hose	CH3899	ME200632

**NL 3.5 Litre 6G74 Engine 1997-2000**

Top Hose <i>to 05/97</i>	CH2455	MB890972
Top Hose <i>06/97-2000</i>	CH2501	MR127893
Bottom Hose	CH2454	MB890985

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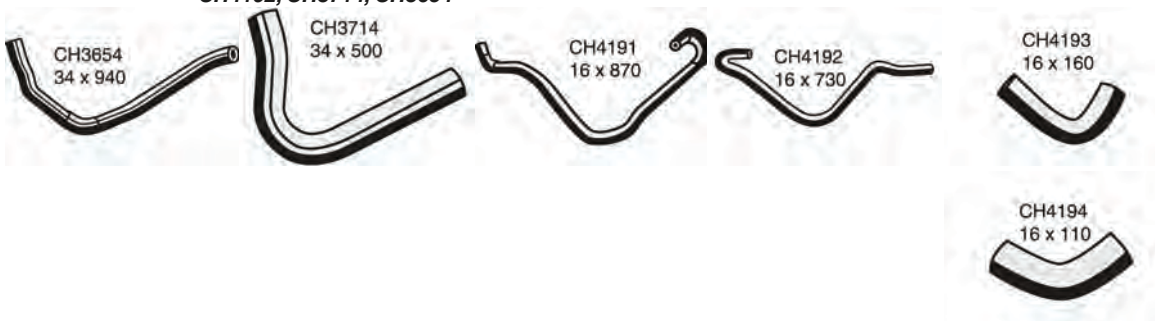
Make Model	Description	Mackay #	O.E.M #
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## PAJERO



### NM 3.5 Litre V6 6G74 2000-10/02

Top Hose	CH3714	MR404869
Bottom Hose	CH3654	MR404876
Heater Hose A	CH4191	MR535980A
Heater Hose B	CH4192	MR535980B
Heater Hose C	CH4193	MR535980C
Heater Hose D	CH4194	MR535980D
Hose Pack Contains: CH4194, CH4191, CH4193, CH4192, CH3714, CH3654	CHVP22	



### NP 3.5 Litre V6 6G74 11/02-07/04

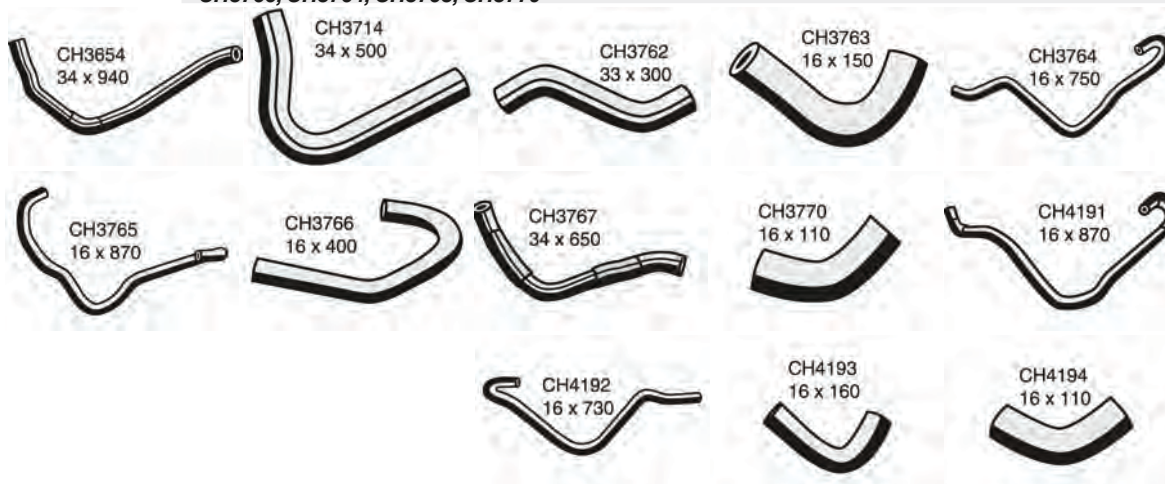
Top Hose	CH3714	MR404869
Bottom Hose	CH3654	MR404876
Heater Hose A	CH4191	MR535980A
Heater Hose B	CH4192	MR535980B
Heater Hose C	CH4193	MR535980C
Heater Hose D	CH4194	MR535980D
Hose Pack Contains: CH4194, CH4191, CH4193, CH4192, CH3714, CH3654	CHVP23	

### NP 3.8 Litre V6 6G75 Engine 8/2003-9/2006

Top Hose	CH3714	MR404869
Bottom Hose	CH3654	MR404876

### NP MY06 Series 3.2 Turbo Diesel 10/2002-9/2006

Top Hose	CH3762	MR404865, 1370A108
Bottom Hose	CH3767	MR404872
Heater Hose A	CH3765	MN186648A
Heater Hose B	CH3766	MN186648B
Heater Hose C	CH3764	MN186648C
Heater Hose D	CH3763	MN186648D
Heater Hose E	CH3770	MN186648E
Hose Pack Contains: CH3762, CH3767, CH3765, CH3766, CH3764, CH3763, CH3770	CHVP24	



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Make Model	Description	Mackay #	O.E.M #
<b>PAJERO</b>			
<b>NS 4M41T 3.2 Turbo Diesel 10/2006-12/2008</b>			
	Top Hose	CH3762	MR404865, 1370A108
	Bottom Hose	CH3767	MR404872
<b>NT 4M41T 3.2 Turbo Diesel 01/2009-2011</b>			
	Top Hose	CH3762	MR404865, 1370A108
	Bottom Hose	CH3767	MR404872
	Heater Hose <i>outlet</i>	CH5310	1310A308
	Heater Hose <i>Inlet</i>	CH5373	1310A307

**QA IO 1.6 Litre 1999-2001**

Top Hose	CH2935	MR314121
Bottom Hose	CH2936	MR314122
Heater Hose	CH2938	MR476370A
Throttle Body Water Hose	CH2937	MD314479
Throttle Body Hose	CH2984	MD318821
Heater Hose	CH2939	MR476370B
ByPass Hose	CH2944	MD366059

**QA IO 1.8 Litre 1999-2001**

Top Hose	CH2941	MR314125
Bottom Hose	CH2940	MR314124
Heater Hose	CH2943	MR414925B
Heater Hose	CH2942	MR414925A
Throttle Body Water Hose	CH2985	MD343391

**PLYMOUTH CRICKET 1970-73**

Top Hose	CH1060	71245036
Bottom Hose	CH1061	71261562

**RVR 4WD 2.0 LITRE 4G63 ENGINE 1991-98 NZ & EXPORT**

Top Hose	CH3856	MR126206
Bottom Hose <i>refer drawing</i>	CH3866	MR126207
Bottom Hose <i>refer drawing</i>	CH3855	MB890485
Bottom Hose <i>refer drawing</i>	CH3949	MR660229

**SIGMA****Sigma FWD (New Zealand) 1984-88**

Top Hose	CH2592	JCMB356911
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Make Model	Description	Mackay #	O.E.M #
<b>SIGMA</b>			
	Bottom Hose	CH2591	JCMB221924



## GJ 1.6 L (GJ3) 1982-84

Top Hose	CH1495	4158620
Bottom Hose	CH1496	4158619
ByPass Hose	CH1178	4063982

## GJ 2.0 L (GJ7, GJ8) & 2.6 L (GJ1, GJ2)

Top Hose	CH1145	4066433
Bottom Hose	CH1497	4255909
ByPass Hose	CH1178	4063982
Heater hose Outlet 2.6 Litre	CH2145	4157887
Heater Hose Inlet 2.6 Litre	CH2144	4157886



## GK 1.6 L (GK3) 1984-85

Top Hose	CH1495	4158620
Bottom Hose	CH1496	4158619
ByPass Hose	CH1571	AD009016

## GK 2.0 L (GK7, GK8) & 2.6 L (GK1, GK2) 1984-85

Top Hose	CH1145	4066433
Bottom Hose	CH1497	4255909
ByPass Hose	CH1571	AD009016
Heater hose Outlet 2.6 Litre	CH2145	4157887
Heater Hose Inlet 2.6 Litre	CH2144	4157886



## GN 2.0 L (GN7, GN8) & 2.6 L (GN1, GN2) 1985-87

Top Hose	CH1145	4066433
Bottom Hose	CH1497	4255909
Heater hose Outlet 2.6 Litre	CH2145	4157887
Heater Hose Inlet 2.6 Litre	CH2144	4157886



## STARION JA, JB, JD 2.0 LITRE - WITH TURBO 1982-87

Top Hose	CH1539	MB007760
Bottom Hose	CH1541	MB007761



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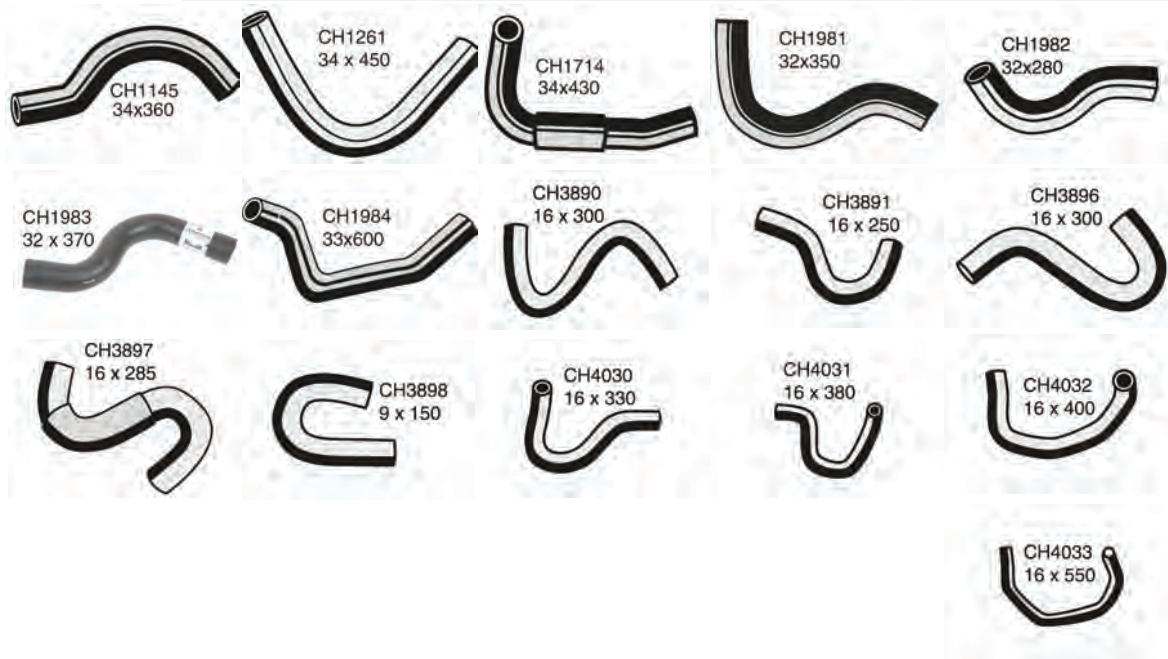
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Make Model	Description	Mackay #	O.E.M #
<b>TRITON</b>			
<b>ME, MF, MG, MH, MJ</b>			
<b>2.5 Litre Diesel 4D56 &amp; 4D56T 1986-97</b>			
	Top Hose	CH1982	MB222484
	Bottom Hose	CH1714	MB221725, MB221969
	Heater Hose A 86-91	CH3890	MB527558A
	Heater Hose B 86-91	CH3891	MB527558B
	Heater Hose C 91-97	CH3898	MB907187C
	Heater Hose A 91-97	CH3896	MB907187A
	Heater Hose B 91-97	CH3897	MB907187B
<b>2.6 Litre 4G54 Petrol 1991-96</b>			
	Top Hose 2WD 6/88-5/90	CH1145	4066433
	Top Hose 4WD	CH1981	MB660702
	Bottom Hose 2 & 4WD	CH1261	MB007582
	Heater Hose A 2 & 4WD	CH4030	MB527556A
	Heater Hose B 2 & 4WD	CH4031	MB527556B
<b>3.0 Litre 6G72 V6 6/90-94</b>			
	Top Hose	CH1983	MB605026
	Bottom Hose	CH1984	MB605027
	Heater Hose A	CH4032	MB598414A
	Heater Hose B	CH4033	MB598414B

**MK****2.4 Litre 4G64 Engine 10/96-2006**

Top Hose	CH3095	MR127436
Bottom Hose <i>Manual Transmission</i>	CH3102	MR127437
Bottom Hose <i>Auto Transmission</i>	CH3101	MR160559
Heater Hose A	CH4026	MR296265A
Heater Hose C	CH4028	MR296265C
Heater Hose D	CH4029	MR296265D

**2.8 Litre 4M40 Diesel Engine Chassis K67 06/96-01/03**

Top Hose 2WD	CH3198	MR127438
Bottom Hose 2WD	CH3099	MR127439
Heater Hose A	CH4038	MR241066A
Heater Hose B	CH4039	MR241066B
ByPass Hose <i>pipe to thermostat housing</i>	CH3899	ME200632

**2.8 Litre 4M40 Diesel Engine Chassis K77 06/96-2003**

Top Hose 4WD to 4/98 STD capacity Radiator	CH3198	MR127438
Top Hose 4WD High capacity Radiator	CH3096	MR312798
Bottom Hose 4WD to 4/98 STD capacity Radiator	CH3099	MR127439
Bottom Hose 4WD to 3/97 High capacity Radiator	CH3098	MR312799
Bottom Hose 4WD From 4/97 High capacity Radiator	CH4036	MR373087
Heater Hose A	CH4038	MR241066A
Heater Hose B	CH4039	MR241066B
ByPass Hose <i>pipe to thermostat housing</i>	CH3899	ME200632

**2.8 Litre 4M40T Turbo Diesel Engine Chassis K77 2/03-8/2006**

Top Hose 4WD	CH4037	MR239630
Bottom Hose 4WD	CH4062	MR239634
Heater Hose A	CH4038	MR241066A
Heater Hose B	CH4039	MR241066B
ByPass Hose <i>pipe to thermostat housing</i>	CH3899	ME200632

**3.0 Litre 6G72 Engine 10/96-05**

Top Hose	CH3097	MR127492
Bottom Hose	CH3100	MR127493
Heater Hose A	CH4034	MR296396A

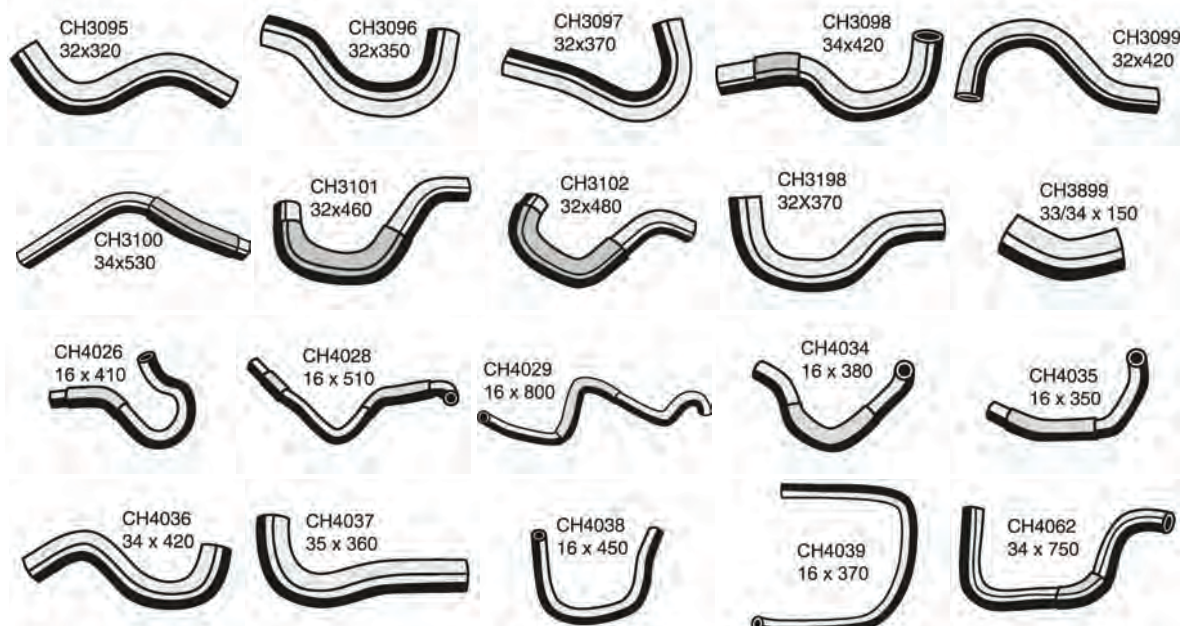
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Make Model	Description	Mackay #	O.E.M #
<b>TRITON</b>			

## Heater Hose B

**CH4035 MR296396B**



## ML 2.4 Litre 4G64 Engine 1/2007-8/2009

Top Hose  
Bottom Hose  
Heater Hose *Inlet*  
Heater Hose *Outlet*  
ByPass Hose

**CH5358** MN135042  
**CH5359** MN135050  
**CH5361** 7805A208  
**CH5362** 7805A209  
**CH5360** MN187382



## ML 3.2 Litre (4M41) Diesel 2006-8/09

Top Hose  
Bottom Hose  
ByPass Hose *EGR Cooler to Thermostat Housing*  
ByPass Hose *Pipe to EGR Cooler*  
Heater Hose *B*  
Heater Hose *A*

**CH5571** MN135041  
**CH5572** MN135049  
**CH5574** 1310A176  
**CH5573** 1310A175  
**CH5576** MN123563  
**CH5575** MN123559



## ML 3.5 Litre V6 6G74 engine 2007-on

ByPass Hose *Throttle Body water return*  
ByPass Hose *Throttle Body water feed*  
Heater Hose

**CH4647** MD360466  
**CH4642** MD360467  
**CH4648** MN123558

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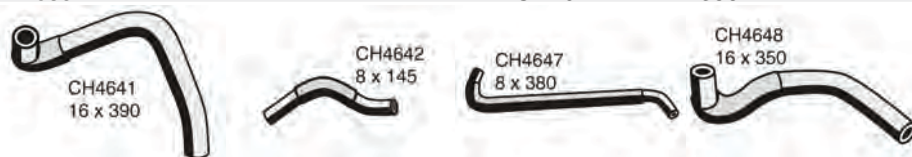
Make Model	Description	Mackay #	O.E.M #
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## TRITON

Heater Hose

CH4641

MN123562



## ML & MN Chassis #KA4 2.5 Litre 4D56T Engine 07/08-2011

Top Hose

CH5363

MN135039

Bottom Hose

CH5364

MN135045

Heater Hose Inlet

CH5365

7805A221



## V3000 3. LITRE V6 6G72 ENGINE 1991-2001 NEW ZEALAND

Top Hose

CH1820

AW321581

Bottom Hose-Man. Trans

CH1821

AW328744

Bottom Hose-Auto. Trans

CH1822

AW321582

Heater Hose No 1

CH2779

AW325724

Heater Hose No 2

CH2723

AW325725

Water Intake pipe to connector 8mm cut to Size

HH82

MD165196

Thermostat Outlet 8mm cut to Size

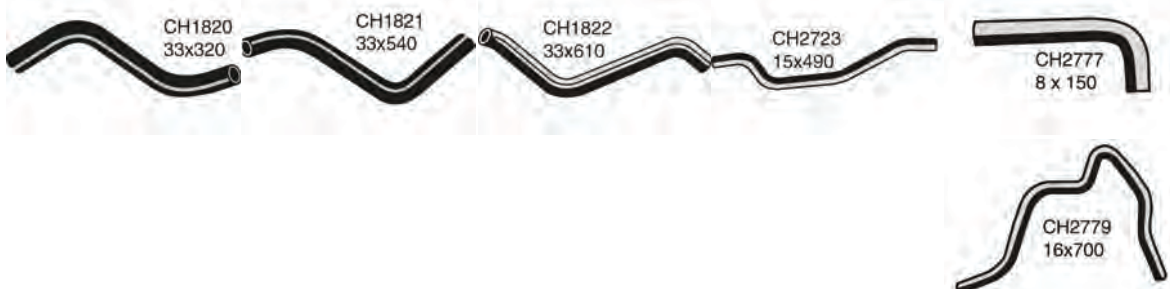
HH82

MD021469

Thermostat ByPass

CH2777

MD103788



## VERADA KE,TF 3.5 LITRE 1996-99

Top Hose

CH2298

AW342518

Bottom Hose

CH3047

AW350831

Heater Hose

CH3048

AW339442

Heater Hose

CH3029

AW339441



## VERADA KL 06/2003-9/2004

### 3.5 Litre 6G74

Top Hose

CH2298

AW342518

Bottom Hose

CH3047

AW350831



## VERADA KW 10/2004-2005

### 3.5 Litre 6G74

Top Hose

CH2298

AW342518

Bottom Hose

CH3047

AW350831



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Make Model Description

Mackay #

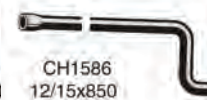
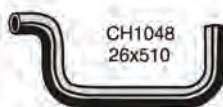
O.E.M #

## NISSAN

### 120Y, B210 1974-78

Top Hose 1974-11/75  
Top Hose 11/75-1978  
Bottom Hose  
Heater Hose - Inlet  
Heater Hose - Outlet

CH1047 21501H5010  
CH1191 21501H5020  
CH1048 21503H5010  
CH1585 27020H5000  
CH1586 27021H5000



### 180B, 610 1972-77

Top Hose  
Bottom Hose  
ByPass Hose  
Heater Hose - Water Pump to Heater Inlet

CH1501 21501U670001  
CH1013 21503U0105,-02,U0106  
CH1479 1405623001  
CH1477 27185U0100



### 180SX 1.8 LITRE S13 1990-92 NZ & EXPORT

Top Hose  
Bottom Hose

CH3143 2150135F10  
CH3160 2150335F00



### 180SX 2.0 LITRE S13 1988-94

Top Hose  
Bottom Hose

CH3409 2150152F00  
CH3412 2150352F01



### 200B, 810 1977-81

Top Hose  
Bottom Hose  
ByPass Hose  
Heater Hose - Water Pump to Heater Inlet  
Heater Hose - Inlet W/O A/C Australian Production  
Heater Hose - Outlet W/O A/C Australian Production

CH1119 21501U7400  
CH1120 21503U7400  
CH1478 14056N5800  
CH1477 27185U0100  
CH1572 27181U740101  
CH1573 27185U740001



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NISSAN

Make Model	Description	Mackay #	O.E.M #
<b>200SX S14 2 LITRE ENGINE 7/94-2000</b>			
	Top Hose	<b>CH3429</b>	2150165F01
	Bottom Hose <i>to 7/96</i>	<b>CH3412</b>	2150352F01
	Bottom Hose <i>from 8/96</i>	<b>CH3430</b>	2150380F01



<b>200SX S15 SR20DET 2 LITRE ENGINE 2000-2002</b>			
	Top Hose	<b>CH3429</b>	2150165F01
	Bottom Hose	<b>CH3430</b>	2150380F01



<b>240C 6CYL 2.4 LITRE 1971-73</b>			
	Top Hose	<b>CH1202</b>	21501P0105
	Bottom Hose	<b>CH1160</b>	21503P0105



<b>240K 6CYL 2.4 LITRE 1973-78</b>			
	Top Hose	<b>CH1501</b>	21501U670001
	Bottom Hose	<b>CH1013</b>	21503U0105



<b>240Z, S30, HS30 1970-74</b>			
	Top Hose	<b>CH1501</b>	21501U670001
	Bottom Hose	<b>CH1195</b>	21503N3000



<b>260C 6CYL 2.6 LITRE 1973-78</b>			
	Top Hose	<b>CH1202</b>	21501P0105
	Bottom Hose	<b>CH1160</b>	21503P0105



<b>260Z 1974-79</b>			
	Top Hose	<b>CH1501</b>	21501U670001
	Bottom Hose <i>1974-7/75</i>	<b>CH1194</b>	21503N3101
	Bottom Hose <i>7/75-1979</i>	<b>CH1196</b>	21503N4200



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Make Model	Description	Mackay #	O.E.M #
<b>260 Z L26 2.6 Litre 1983-6/78</b>			
	Top Hose	CH4744	21501N3000



<b>280C 1978-84</b>			
	Top Hose	CH1202	21501P0105
	Bottom Hose	CH1160	21503P0105



<b>280SX 2.8 Litre L28E ENGINE 7/78-6/83</b>			
	Bottom Hose 09/81-3/83	CH4508	21503P9000



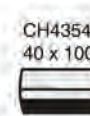
<b>280ZX 1979-84</b>			
	Top Hose	CH1202	21501P0105
	Bottom Hose	CH1311	21503P7100



<b>300C 3.0 Litre VG30 1984-87</b>			
	ByPass Hose	CH4563	14055V5201



<b>300ZX 3.0 Litre V6 VG30 / VG30T 1984-6/89</b>			
	Top Hose	CH4478	2150101P04
	Top Hose radiator to pipe	CH4889	2150201P25
	Bottom Hose	CH4477	2150301P01, 2150301P61
	Bypass Hose pipe to thermostat Housing	CH4354	14055V5010



<b>300ZX 3.0 Litre V6 DOHC (VG30) 1989-93</b>			
	Top Hose	CH3123	2150130P00
	Bottom Hose	CH3121	2150330P00



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Make Model	Description	Mackay #	O.E.M #
<b>300ZX 3.0 LITRE TWIN TURBO 1989-96</b>			
	Top Hose	CH3749	2510140P00

**350Z 3.5 LITRE VQ35HR ENGINE 2007-**

Top Hose	CH4969	21501EV00A
Bottom Hose	CH4965	21503EV00A

**521 UTILITY 1.3, 1.5 LITRE 1968-72**

Top Hose	CH1255	21501B0100
Bottom Hose	CH1256	21503B0100

**620 UTILITY, 1.5 LITRE 1972-79**

Top Hose 1972-10/73	CH1257	21501B5000
Top Hose 11/73-1979	CH1258	21501B5011
Bottom Hose	CH1259	21503B5010

**720 UTILITY****1.8 Litre (L18, Petrol) 1980-85**

Top Hose	CH1488	2150111W01
Bottom Hose	CH1489	2150311W12

**Z22 Petrol Engine 1983-86**

Top Hose	CH1599	2150106W00
Bottom Hose	CH1600	2150357W00

**SD22, SD23 (Diesel) 2. W.D.-1980-85**

Top Hose	CH1584	2150136W00
Bottom Hose	CH1598	2150336W00
ByPass Hose	CH1581	2106961500

**SD22 (Diesel), 4. W.D.- 1980-82**

Top Hose	CH1584	2150136W00
Bottom Hose	CH1598	2150336W00
ByPass Hose	CH1581	2106961500



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Make Model	Description	Mackay #	O.E.M #
<b>1000, B10 1967-70</b>			

Top Hose	CH742	2150120900
Bottom Hose	CH743	2150320900



## 1200, B110- 1970-74

Top Hose	CH954	21501H1000
Bottom Hose <i>without Heater</i>	CH955	21503H1000
Bottom Hose- <i>Front with Heater</i>	CH956	21503H1100
Bottom Hose- <i>Rear with Heater</i>	CH957	21504H1100



## 1600, P510 1968-72

Top Hose	CH853	21501A0600
Bottom Hose	CH854	21503A0600



## ALMERA N15 1.5 LITRE 1995-04/00

Heater Hose Inlet	CH4254	924000M301
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## ALTIMA CA20S/4CYL 1989-97 NZ & EXPORT

Top Hose	CH3777	2150181L00
Bottom Hose	CH4331	2150381L00



## ALTIMA 2.4 LITRE KA24DE 2000-01

Bottom Hose	CH5024	215039E000
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## ALTIMA 2.5 LITRE QR25DE 2002-2006

Top Hose	CH4976	215018J010
Bottom Hose	CH4978	215038J010



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Make Model	Description	Mackay #	O.E.M #
<b>ALTIMA / MAXIMA 3.5 LITRE VQ35DE 2002-04</b>			
	Top Hose	CH4959	215018J100
	Bottom Hose to 8/2004	CH5023	215038J100
		CH4959 33 x 270	CH5023 32 x 505
<b>ALTIMA 3.5 LITRE VQ35DE ENGINE 8/2004-2007</b>			
	Top Hose	CH4977	215018J110
	Bottom Hose	CH5026	215038J110
		CH4977 33x 300	CH5026 32 x 500
<b>ALTIMA VQ35DE 2005-ON NZ &amp; EXPORT</b>			
	Top Hose	CH3781	215018J000
	Bottom Hose	CH3782	215038J000
		CH3781 33 x 400	CH3782 32 x 550
<b>ALTIMA S 2.5 LITRE QR25DE 2007-</b>			
	Bottom Hose	CH4961	21503JA000
		CH4961 33 x 615	
<b>ALTIMA HYBRID 2.5 LITRE QR25DE 2007-</b>			
	ByPass Hose Upper	CH5025	21502JA810
	ByPass Hose Lower	CH4979	21502JA820
		CH4979 16 x 650	CH5025 16 x 420
<b>AVENIR VSW10 2.0 LITRE DIESEL (CD20) ENGINE 1990-94</b>			
	Bottom Hose	CH3155	2150374N01
		CH3155 34x510	
<b>BLUEBIRD 411, 1.3 LITRE 1965-67</b>			
	Top Hose	CH655	215011060
	Bottom Hose	CH1259	21503B5010
		CH655 25x275	CH1259 35x400
<b>BLUEBIRD 910 (SERIES 1) 2.0 LITRE 1981-83</b>			
	Top Hose	CH1501	21501V9600,U670001
	Bottom Hose	CH1329	21503V9601
	ByPass Hose - suit 3 hole Thermostat	CH1660	14080N5814,140805804

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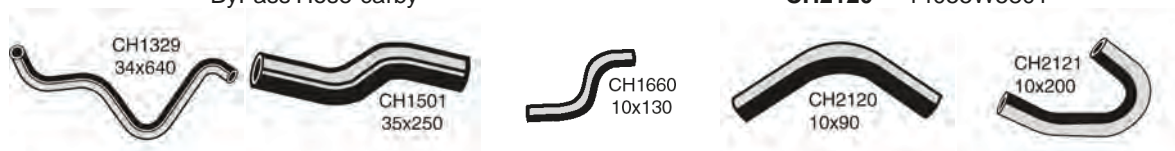
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Make Model	Description	Mackay #	O.E.M #
<b>BLUEBIRD 910 (SERIES 1) 2.0 LITRE 1981-83</b>			
	ByPass Hose - suit 2 Hole Thermostat	CH2121	14080V9101
	ByPass Hose-carby	CH2120	14055W5801



<b>BLUEBIRD 910 (SERIES 2) 2.0 LITRE 6/83-85</b>			
	Top Hose	CH1491	21501V9603
	Bottom Hose	CH1492	21503V9604
	ByPass Hose - suit 3 hole Thermostat	CH1660	14080N5814, 14080N5804
	ByPass Hose - suit 2 Hole Thermostat	CH2121	14080V9101
	ByPass Hose-Carby	CH2120	14055W5801



<b>BLUEBIRD 910 (SERIES 3) 2.0 LITRE CA20 ENGINE 1985-86</b>			
	Top Hose	CH1509	21501V9400
	Bottom Hose	CH1510	21503V9400



<b>BLUEBIRD EU12 1.6 LITRE (CA16 ENGINE) 1987-89</b>			
	Top Hose	CH3186	2150151E00



<b>BLUEBIRD EU12 1.8 LITRE SR18DI ENGINE 1989-91</b>			
	Top Hose	CH3234	2150178E00



<b>BLUEBIRD EU13 1.8 LITRE SR18DE ENGINE 1989-94</b>			
	Top Hose	CH3236	215010E001



<b>BLUEBIRD HU12 2.0 LITRE SR20DE ENGINE 1989-91</b>			
	Top Hose	CH2253	21501D4002
	Bottom Hose	CH3147	2150380E00



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Make Model	Description	Mackay #	O.E.M #
<b>BLUEBIRD SNU13/ SU13 2.0 LITRE (CD20) DIESEL 1991-96</b>	Top Hose	<b>CH3185</b>	215010E400



<b>BLUEBIRD RU12 1.8 LITRE CA18DE ENGINE 1987-91</b>			
	Top Hose	<b>CH3238</b>	2150155E00
	Bottom Hose	<b>CH3145</b>	2150355E00



<b>BLUEBIRD RU12 2.0 LITRE (LD200II) DIESEL 1987-92</b>			
	Top Hose	<b>CH3189</b>	2150157E00



<b>BLUEBIRD U11 CA16S/18S 1983-8/85</b>			
	Top Hose 1983-8/85	<b>CH2544</b>	2150101E00
	Top Hose 8/85 ON	<b>CH2530</b>	21501D4202
	Bottom Hose 1983-8/85	<b>CH2523</b>	2150301E00
	Bottom Hose CA16 1987-89	<b>CH3149</b>	2150351E00



<b>BLUEBIRD U11 2.0 LITRE (CA20) ENGINE 1983-89</b>			
	Top Hose	<b>CH2544</b>	2150101E00
	Bottom Hose	<b>CH3146</b>	2150304E01



<b>BLUEBIRD U11 (CD20) 2.0 LITRE DIESEL ENGINE 1991-96</b>			
	Top Hose	<b>CH2544</b>	2150101E00
	Bottom Hose	<b>CH3148</b>	215030E400



<b>BLUEBIRD U11 (LD20) 2.0 LITRE DIESEL ENGINE</b>			
	Top Hose	<b>CH3235</b>	2150105E00
	Bottom Hose	<b>CH3150</b>	2150305E00



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Make Model	Description	Mackay #	O.E.M #
<b>BLUEBIRD U12 FWD CA20E 2 LITRE ENGINE 1989-92</b>			
	Top Hose	CH2253	21501D4002
	Bottom Hose	CH1678	2150368E00



<b>BLUEBIRD RU12 (LD20II) 2.0 LITRE DIESEL ENGINE 1987-92</b>			
	Bottom Hose	CH3151	2150357E00



<b>BLUEBIRD U13 2.4 DOHC KA24 ENGINE 1993-97</b>			
	Top Hose	CH2538	215013E600
	Bottom Hose	CH2534	215033E600
	Heater Hose <i>Front No1</i>	CH2533	924003E600
	Heater Hose <i>Outlet</i>	CH2536	924103E600



<b>CABSTAR CAB/CHASSIS 1987-92</b>			
	Top Hose	CH2825	2150110T01
	Bottom Hose	CH2846	2150310T01



<b>CEDRIC VQ30 ENGINE 1988-2002</b>			
	Top Hose	CH5040	21501VR000
	Bottom Hose	CH5034	21503VR000



<b>CEFIRO PA32 (VQ250E) 2.5 LITRE V6 ENGINE 1994-98</b>			
	Top Hose	CH3240	2150131U10
	Bottom Hose	CH3165	2150331U10



<b>CEFIRO CA31 2.0 LITRE RB20DE ENGINE 1992-96</b>			
	Top Hose	CH3237	2150104U00



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NISSAN

Make Model	Description	Mackay #	O.E.M #
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## CEFIRO RB20E 1998

Top Hose	CH2519	2150141L10
Bottom Hose	CH2520	2150371L10



## D720 VG33E 6 CYL ENGINE 1996-04 NZ & EXPORT

Bottom Hose	CH3783	215030W000
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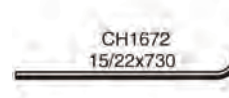
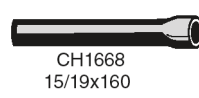
## DUALIS J10 2.0 LITRE MR20 2007-2008

Top Hose	CH4487	21501JD200
Bottom Hose	CH4488	21504JD20A



## DX, ST UTILITY 4.1 LITRE 1988-91

Top Hose <i>without A/C</i>	CH1106	AKM5208
Top Hose <i>with A/C</i>	CH1385	AKM5349A
Bottom Hose	CH968	AKM5071
Heater Hose <i>Stop Valve to Heater</i>	CH1668	XFC18472B
Heater Hose <i>Front Water Pump to "T" piece</i>	CH1672	XF18472E
Heater Hose <i>heater to "T" Piece</i>	CH1667	XFC18472B



## ET, EXA TURBO 1983-87

Top Hose	CH1700	2150133M01
Bottom Hose	CH1701	2150333M00



## EXA 1.6 & 1.8 LITRE 1986-90

Top Hose	CH3133	2150158A00
Bottom Hose	CH3141	2150358A00
Heater Hose	CH3142	9240058A00
Heater Hose	CH3144	9241258A00



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Make Model	Description	Mackay #	O.E.M #
<b>HOMER, CABSTAR 1976-80</b>			
	Top Hose	CH2825	2150110T01
	Bottom Hose	CH1148	21503T3201



<b>INFINITY G20 1999-2000</b>			
	Top Hose	CH4371	215012J201



<b>INFINITY Q45 (G50) VH45DE 4.5 LITRE V8 ENGINE</b>			
	Bottom Hose 1990-96	CH3717	2150360U10
	Bottom Hose 1997-2000	CH4372	215036P001



<b>INFINITY QX4 3.3 LITRE VG33 ENGINE 1996-2000 USA</b>			
	Bottom Hose	CH4595	215030W000



<b>LAUREL SC32 (RD28) 2.8 LITRE ENGINE 1986-89</b>			
	Top Hose	CH3193	2150140L01
	Bottom Hose	CH3163	2150340L00



<b>LAUREL SC33 (RD28) 2.8 LITRE ENGINE 1989-93</b>			
	Top Hose	CH3239	2150297L00
	Bottom Hose	CH3164	2150397L00



<b>MAXIMA J30 2/90-1994</b>			
	Top Hose	CH2239	2150185E00
	Bottom Hose	CH2240	2150385E00
	ByPass Hose Water	CH2259	1405585E00
	ByPass Hose Water	CH2266	1405688G02
	ByPass Hose Throttle body to intake Manifold	CH2272	1405685E05
	ByPass Hose Pipe 1 to pipe 2	CH2273	1405685E03
	ByPass Hose Intake Manifold to Throttle Body	CH2281	1405610V01
	ByPass Hose Intake Manifold to Cyl Head	CH2283	1405685E00

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Make Model	Description	Mackay #	O.E.M #
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## MAXIMA J30 2/90-1994

ByPass Hose *Cyl Head to Pipe 2*

CH2284 1405685E04



## MAXIMA J31 3.5 LITRE VQ35DE ENGINE 12/03-3/09

Top Hose	CH5399	215019Y000
Heater Hose <i>Inlet</i>	CH5400	924009Y000
Heater Hose <i>Outlet</i>	CH5401	924109Y000



## MAXIMA A32 11/94-97

Top Hose	CH2237	2150131U00
Bottom Hose	CH2238	2150343U00
ByPass Hose - <i>Pipe 1 to throttle body</i>	CH2274	1405631U01
ByPass Hose - <i>Throttle Body to Hose</i>	CH2269	1405631U05
ByPass Hose - <i>Pipe 1 to Pipe 2</i>	CH2278	1405531U00
ByPass Hose - <i>Pipe 2 to pipe 3</i>	CH2270	1405631U04
ByPass Hose <i>to Pipe 3</i>	CH2285	1405631U03



## MAXIMA A33 3.0 LITRE CQ30DE ENGINE 2000-ON

Top Hose	CH3420	215012Y000
Bottom Hose	CH3406	215032Y000



## MICRA K11 1.3 LITRE 1995-02

Top Hose	CH2047	215014F100
Bottom Hose	CH2048	2150350B00
Heater Hose <i>Inlet</i>	CH4250	924004F110
Heater Hose <i>Outlet</i>	CH4251	924105F015
Heater Hose <i>Inlet 2001-02</i>	CH4369	924004F115



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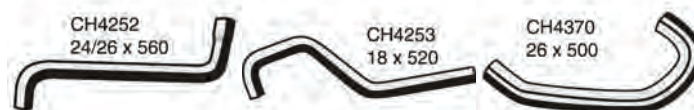
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Make Model	Description	Mackay #	O.E.M #
<b>MICRA K12E 1.0, 1.2, 1.4 LITRE 2002-ON</b>			
	Top Hose <i>with A/C</i>	CH4370	21501AX600
	Bottom Hose <i>with A/C</i>	CH4252	21503AX600
	Heater Hose Inlet	CH4253	92400AX801



<b>MISTRAL YR20 2.5 T/DIESEL (TD27BT) ENGINE</b>			
	Top Hose	CH2567	2150144G00
	Bottom Hose <i>Cut to suit Temp sender</i>	CH3161	215031F100



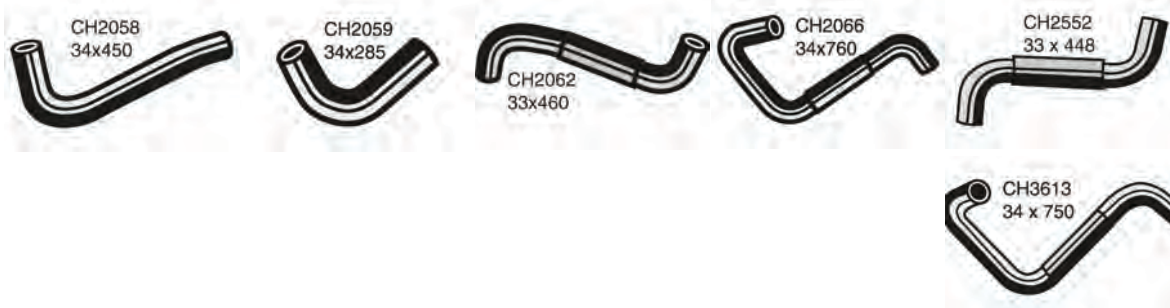
<b>MURANO 3.5 LITRE VQ35-DE V6 ENGINE 2005 - 07</b>			
	Top Hose	CH3823	21501CA000
	Bottom Hose	CH3827	21503CA000
	Hose - Pipe 1 to Pipe 2	CH2278	1405531U00
	Heater Hose Outlet	CH3826	92410CN500
	ByPass Hose	CH3824	140568J106
	ByPass Hose	CH3828	140568J100

<b>NAVARA</b>			
<b>1.6 Litre CD21 (Z16 4 cyl SOHC) 1985-88 NZ &amp; Export</b>			
	Top Hose	CH2067	2150115G00
<b>2.0 Litre D21 4 Cyl (Z20) 1985-97</b>			
	Top Hose	CH2067	2150115G00
	Bottom Hose	CH2066	2150301G00



## 2.4 Litre D21 2 WD Z24 Engine 1985-3/92

	Top Hose	CH2058	2150101G00
	Bottom Hose <i>W/O PS</i>	CH2066	2150301G00, B150301G00A
	Bottom Hose - <i>Pipe to Block W/ P.S</i>	CH2062	2150503G00
	Bottom Hose - <i>Radiator to Pipe W/ P.S</i>	CH2059	2150603G00
	Bottom Hose <i>rear W/PS integral 09/85-10/89</i>	CH2552	2150503G10
	Bottom Hose <i>without power steering</i>	CH3613	150301G10A



## 2.4 Litre D21 2 WD KA24E Engine 4/92-3/97

	Top Hose	CH2549	2150156G00
	Bottom Hose <i>03/92-08/93</i>	CH2546	2150356G00
	Bottom Hose <i>rear 03/92-08/93</i>	CH2300	2150556G05
	Bypass Hose <i>intake manifold to Thermostat 92-94</i>	CH4242	1405586G00



## 2.4 Litre D21 4 WD Z24 Engine 1985-3/92

	Top Hose	CH2061	2150101G10
	Bottom Hose	CH2066	2150301G00
	Bottom Hose - <i>Radiator to Pipe W/P.S</i>	CH2059	2150603G00
	Bottom Hose <i>without P/Steering 9/85-03/92</i>	CH2376	2150303G10

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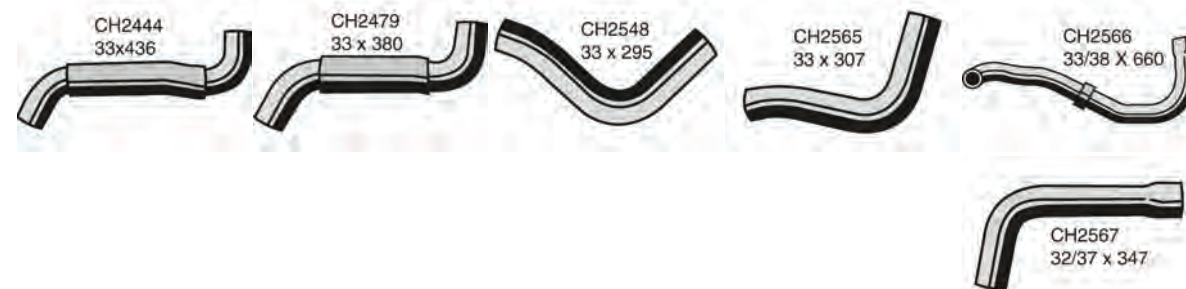
Make Model	Description	Mackay #	O.E.M #
<b>NAVARA</b>			

**2.4 Litre D21 4WD Z24 Engine 04/92-03/97**

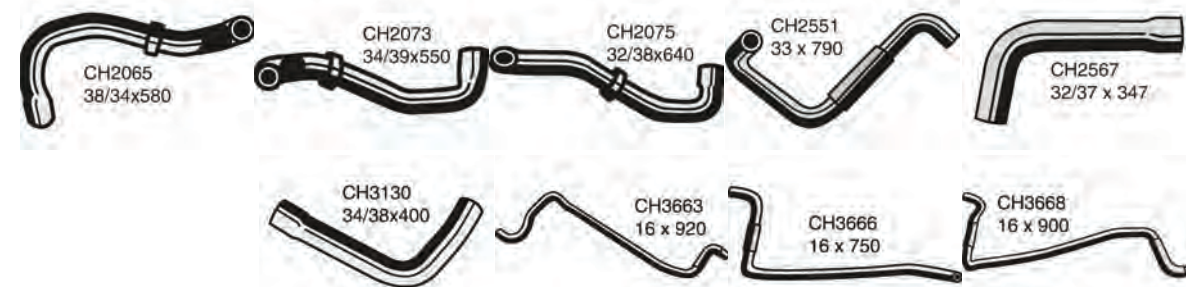
Top Hose	CH2605	2150156G10
Bottom Hose <i>rear</i> 03/92-08/93	CH2550	2150556G15
Bottom Hose 3/92-08/93	CH2547	2150356G10
Heater Hose <i>engine to heater</i> 5/93-on	CH3664	9241060G00
ByPass Hose <i>Pipe to Throttle body</i>	CH3665	1405686G02

**2.5 Litre Diesel D21 SD25 Engine 1985-05/92**

Top Hose 4WD 09/85-10/87	CH2548	2150110G11
Top Hose 2WD 09/85-8/87	CH2565	2150110G01
Top Hose 10/87-3/92	CH2567	2150144G00
Bottom Hose 10/87-3/92	CH2566	2150358G05
Bottom Hose 2WD 09/85-08/87	CH2444	2150310G00
Bottom Hose 4WD 09/85-08/87	CH2479	2150310G10

**2.7 Litre Diesel D21 TD27 Engine 1987-96**

Top Hose <i>to 10/95</i>	CH3130	2150144G10
Top Hose 10/95-ON	CH2567	2150144G00
Top Hose <i>NZ &amp; Export</i>	CH3130	B150144G10A
Bottom Hose 2WD <i>to 3/92</i>	CH2551	2150303G00
Bottom Hose 2WD 3/92 <i>to 8/93</i>	CH2075	2150358G00
Bottom Hose 4WD 10/87-3/92	CH2065	2150358G15
Bottom Hose 4WD 8/93-ON	CH2073	2150358G11
Heater Hose <i>Heater to Engine</i>	CH3668	9240063G00
Heater Hose <i>Heater to Engine</i> 4WD 8/93- ON	CH3663	9240063G10
Heater Hose <i>Engine to Heater</i> 4WD 5/93-ON	CH3666	9241063G00

**2.7 Litre Diesel D22 TD27 Engine**

4/97-99	Bottom Hose	CH3633	215032S602
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**3.0 Litre V6 D21 VG30**

04/92-03/97	Top Hose	CH2060	2150157G05
	Bottom Hose	CH2301	2150309G00
	Heater Hose <i>Heater to Engine</i>	CH3662	9240057G00
	Heater Hose <i>engine to heater</i>	CH3664	9241060G00
	ByPass Hose <i>Thermostat to Engine</i>	CH3652	1405512P00
	Water ByPass	CH2266	1405688G02

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Make Model	Description	Mackay #	O.E.M #
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## NAVARA

Bypass Hose *pipe to thermostat Housing*

CH4354 14055V5010

CH2060  
33x260



CH2266  
7x160



CH2301  
34/41x290



CH3652  
27 x 140



CH3662  
16 x 300



CH3664  
16 x 380



CH4354  
40 x 100



## 3.2 Litre D22 QD32 Engine 04/97-2002

Top Hose  
Bottom Hose *Pipe to Engine*  
Bottom Hose *Radiator to Pipe*  
Expansion Tank Hose *radiator overflow*

CH3407 215012S602  
CH3414 215042S606  
CH3611 215052S606  
CH5163 217412S600



CH3407  
33/39 x 400



CH3414  
33/39 x 450



CH3611  
33 x 180



CH5163  
8 x 430

## 2.4 Litre D22 KA24E Engine 4/97-99

Top Hose  
Bottom Hose

CH3667 215012S700  
CH3612 215032S701



CH3612  
33 x 700



CH3667  
34 x 550

## 2.5 Litre D22 YD25 Diesel 1/2008-On

Top Hose (NZ & Export)  
Bottom Hose

CH5041 21501VK500  
CH5076 21503VK500



CH5041  
32 x 390



CH5076  
34 x 860

## 2.5 Litre D22 RD25 (NZ & Export)

Top Hose

CH5200 215012X801



CH5200  
34/38 x 415

## 3.0 Litre D22 VG30E V6 Engine Chassis CFUD22 06/2000-06/2004

Top Hose  
Bottom Hose  
Heater Hose *Inlet to 10/01*  
Heater Hose *Outlet*  
ByPass Hose *Throttle body side*

CH5451 215013S860  
CH5452 21503VJ700  
CH5453 92400VJ700  
CH5454 92401VJ700  
CH5455 1405688G00



CH5451  
32 x 285



CH5452  
32/38 x 295



CH5453  
16 x 300



CH5454  
16 x 325



CH5455  
8 x 435

## 3.0 Litre D22 ZD30Turbo Diesel 2002 - ON

Top Hose  
Bottom Hose  
Bottom Hose *from 2004*  
Heater Hose A  
Heater Hose B  
Expansion Tank Hose *radiator overflow*

CH3745 215015S900  
CH3743 21505VK100  
CH5159 21506VK100  
CH3747 92410VK100  
CH5162 92400VK100  
CH5163 217412S600

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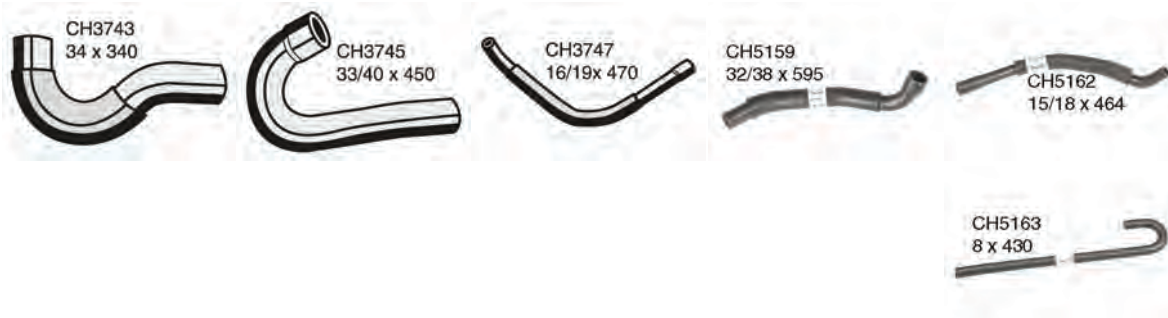
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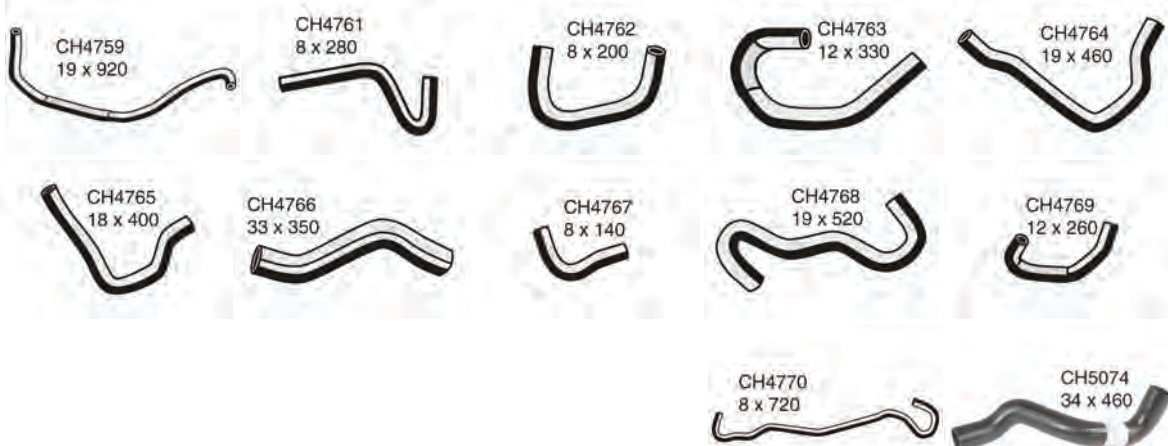


NISSAN

Make Model	Description	Mackay #	O.E.M #
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**NAVARA****2.5 Litre D40 Turbo Diesel 2005-2010**

Top Hose	CH4766	215013X00A
Top Hose 05/07-01/10	CH5074	21501EB300
Bottom Hose	CH4771	21503EB300
Heater Hose Outlet	CH4759	924103X00A
Heater Hose Inlet	CH4768	92400EB300
ByPass Hose Back of Engine	CH4761	14056EB310
ByPass Hose EGR Valve to Pipe	CH4762	14056EC01A
ByPass Hose Oil Cooler Rear	CH4763	21307EB300
ByPass Hose Oil Cooler Front	CH4769	21308EB300
ByPass Hose LHS of EGR Cooler to Pipe	CH4764	21047EC01B
ByPass Hose RHS of Engine	CH4767	14056EC02A
ByPass Hose Engine to EGR Valve	CH4770	14056EC00A
Bypass Hose RHS of EGR Cooler to Pipe	CH4765	21047EC00B

**4.0 Litre D40 VQ40DE Engine 12/05-2013**

Top Hose	CH5483	21501EA210
Bottom Hose USA & Export Application 12/05-2011	CH5496	21503EA200
Heater Hose Inlet	CH5533	92400EC200
Heater Hose Outlet	CH5532	92410EC200

**NX COUPE 4 Cyl 10/90-95**

Top Hose	CH3132	2150158Y01
Bottom Hose	CH1787	2150358Y00

**PATHFINDER****2.4 Litre 4cyl (Z24) 1987-92**

Top Hose	CH2058	2150101G00
Bottom Hose	CH2066	2150301G00
Bottom Hose Radiator to Pipe	CH2059	2150603G00
Bottom Hose Pipe to Engine	CH2062	2150503G00

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Make Model	Description	Mackay #	O.E.M #
<b>PATHFINDER</b>			



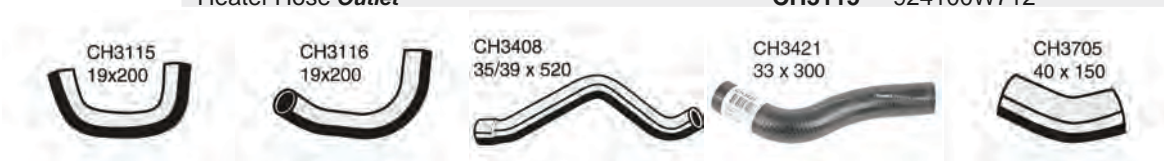
## 3.0 Litre V6 (VG30) 1992-97

Top Hose	<b>CH2060</b>	2150503G00
Bottom Hose	<b>CH2301</b>	2150309G00
Heater Hose Heater to Engine	<b>CH3662</b>	9240057G00
ByPass Hose <i>Thermostat to Engine</i>	<b>CH3652</b>	1405512P00



## R50 Series 3.3 Litre V6 (VG33E) 1995-05

Top Hose	<b>CH3421</b>	215010W501
Bottom Hose	<b>CH3408</b>	215030W001
Heater Hose <i>Inlet</i>	<b>CH3116</b>	924000W712
ByPass Hose <i>Pipe to Engine</i>	<b>CH3705</b>	140550W010
Heater Hose <i>Outlet</i>	<b>CH3115</b>	924100W712



## R51M Series 3.3 Litre VG33E 01/05-ON

Top Hose	<b>CH3773</b>	21501WJ610
Bottom Hose	<b>CH3774</b>	21503WJ610



## R51 Series 4.0 Litre VQ40DE Engine 07/05-05/10

Top Hose	<b>CH5483</b>	21501EA210
Heater Hose	<b>CH5533</b>	92400EC200
Heater Hose <i>Outlet</i>	<b>CH5532</b>	92410EC200



## PATROL

### G60 6 Cyl 4.0 Litre (Petrol) 1973-80

Top Hose	<b>CH632</b>	2150144001
Bottom Hose	<b>CH633</b>	2150344001



### MQ 4.0 Litre P40 1981-87

Top Hose	<b>CH1420</b>	21501C6000
Bottom Hose	<b>CH1421</b>	21503C6000



### MQ (L28) 6 Cyl 2.8 Litre (Petrol) 1981-87

Top Hose	<b>CH1422</b>	21501C6400
Bottom Hose	<b>CH1423</b>	21503C6400

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Make Model	Description	Mackay #	O.E.M #
<b>PATROL</b>			

**MQ SD33 6 Cyl 3.2 Litre (Diesel) 1980-87**

Top Hose	CH1424	21501C6010
Bottom Hose	CH1425	21503C6010, 6011

**GQ (TB42) 6 Cyl 4.2 Litre (Petrol) 1988-97**

Top Hose <i>EFI &amp; Carby</i>	CH1693	2150101J00
Bottom Hose <i>EFI &amp; Carby</i>	CH1694	2150301J00
Heater Hose <i>from Eng No1 EFI only</i>	CH3120	9240032J00
Heater Hose <i>Engine to Heater (EFI)</i>	CH3671	9241032J00
Heater Hose <i>Engine to Heater (Carby)</i>	CH4262	9240001J00
Heater Hose <i>Heater to Engine (Carby)</i>	CH3661	9241001J00
ByPass <i>Throttle body to Pipe EFI only</i>	CH3118	1405637J00
ByPass <i>Intake to Engine (Carby)</i>	CH3410	1405503J00
ByPass <i>Thermostat to Engine (Carby)</i>	CH3411	1405503J10
ByPass <i>Pipe 3 to Engine EFI only</i>	CH3117	1405637J05
ByPass <i>Pipe 2 Engine to Pipe EFI only</i>	CH3119	1405665E01
Hose Pack <i>Carby Only Contains: CH4262, CH1694, CH3411, CH3410, CH3661, CH1693</i>	CHVP28	
Hose Pack <i>EFI Only Contains: CH3119, CH1694, CH3117, CH3671, CH3120, CH1693</i>	CHVP29	

**GQ (TD42) 6 Cyl 4.2 Litre (Diesel) 1988-98**

Top Hose	CH1695	2150106J00
Bottom Hose	CH1696	2150306J00
Heater Hose <i>Engine to Heater</i>	CH3669	9240006J00
Heater Hose <i>Heater to Engine</i>	CH3670	9241006J00

**GQ II (RB30) 3.0 Litre Petrol 1989-01/97**

Top Hose	CH2608	2150120J00
Bottom Hose	CH2607	2150420J00
Bottom Hose <i>pipe to water pump</i>	CH5345	2450520J10
Heater Hose <i>Outlet</i>	CH5417	9241020J01
Heater Hose <i>Inlet</i>	CH5418	9240020J01

**GQ II (Y60) RD28T 6 Cyl 2.8 T/diesel 10/94-10/97**

Top Hose <i>Radiator End</i>	CH2295	2150222J05
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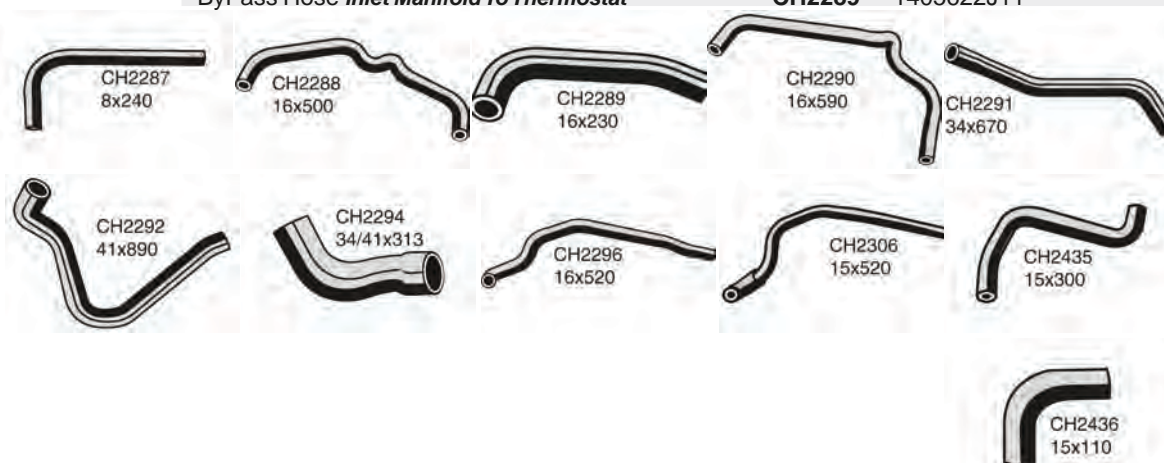


Make Model	Description	Mackay #	O.E.M #
<b>PATROL</b>			
	Top Hose <i>Engine end</i>	CH2293	2150222J00
	Bottom Hose <i>Radiator end</i>	CH2302	2150422J01
	Bottom Hose <i>Engine End reuse sleeve</i>	CH2305	2150522J11
	ByPass Hose <i>Inlet manifold to Turbo</i>	CH2287	1405622J00
	ByPass Hose <i>Inlet Manifold To Thermostat</i>	CH2289	1405622J11
	Heater Hose <i>To Engine</i>	CH2286	9241022J00
	Heater Hose <i>front No1</i>	CH2435	9240022J01A
	Heater Hose <i>front No2</i>	CH2436	9240022J01B



## GU (Y61) RD28 6 Cyl 2.8 T/diesel 10/97-4/2000

Top Hose	CH2291	21501VB300
Bottom Hose	CH2292	21505VB300
Bottom Hose <i>Radiator End</i>	CH2294	21503VB300
Heater Hose <i>Heater to Inlet Connector pipe</i>	CH2288	92401VB320
Heater Hose <i>Inlet</i>	CH2296	92400VB320
Heater Hose <i>Outlet</i>	CH2290	92411VB320
Heater Hose <i>Outlet</i>	CH2306	92410VB320
Heater Hose <i>front No1</i>	CH2435	9240022J01A
Heater Hose <i>front No2</i>	CH2436	9240022J01B
ByPass Hose <i>inlet manifold to turbo</i>	CH2287	1405622J00
ByPass Hose <i>Inlet Manifold To Thermostat</i>	CH2289	1405622J11



## GU II & III 3.0 Litre ZD30 Turbo Diesel 2000

Top Hose 02/2000-8/06	CH3103	21501VB800, 21501VB80A
Bottom Hose 02/2000-8/06	CH3104	21503VB800
Top Hose 08/2006 >	CH4854	21501VS40A
Bottom Hose 08/2006 >	CH4856	21503VS40A
Turbo Hose Short 02/2000-8/06	CH3105	14468VC104
Turbo Hose 02/2000-8/06	CH3106	14468VC103
Turbo Hose Cold Side 02/2000-8/06	CH3107	14463VC101
Heater Hose 08/2006 >	CH4863	21742VS40A
Heater Hose 08/2006 >	CH4855	21047VS40A
Heater Hose 07/01-01/07	CH4866	21742VC220
Heater Hose <i>Outlet</i> 12/09 >	CH3216	92410VB820
Heater Hose <i>Inlet</i> 12/09 >	CH3212	92400VB820
ByPass Hose 02/2000-01/07	CH4862	140562W207
ByPass Hose 08/2006 >	CH4865	14055MA70A
ByPass Hose 08/2006 >	CH4852	14056MA70B
ByPass Hose 08/2006 >	CH4857	21047MA70A
Expansion Tank Hose	CH4936	21744VB800
Expansion Tank Hose	CH5429	21741VB800
Expansion Tank Hose 2000-ON	CH5497	21742VB800
Hose Pack 2000-8/2006 Contains: CH3103, CH3104, CH3105, CH3106, CH3107, CH4866, CH4862, CH4936	CHVP46	
Hose Pack 8/2006 Contains: CH4854, CH4856, CH4863, CH4855, CH4865, CH4852, CH4857, CH4936	CHVP47	
Hose Pack 12/2009-ON Contains: CH4854, CH4856, CH3216, CH3212, CH4865, CH4852, CH4857, CH4936	CHVP48	

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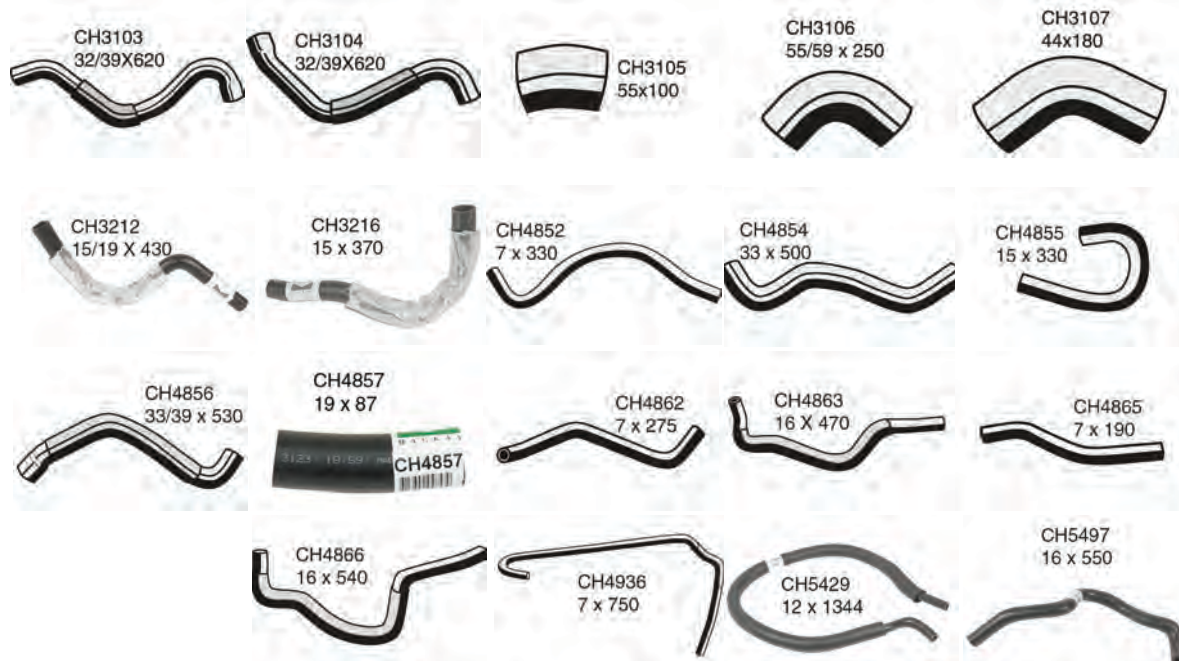
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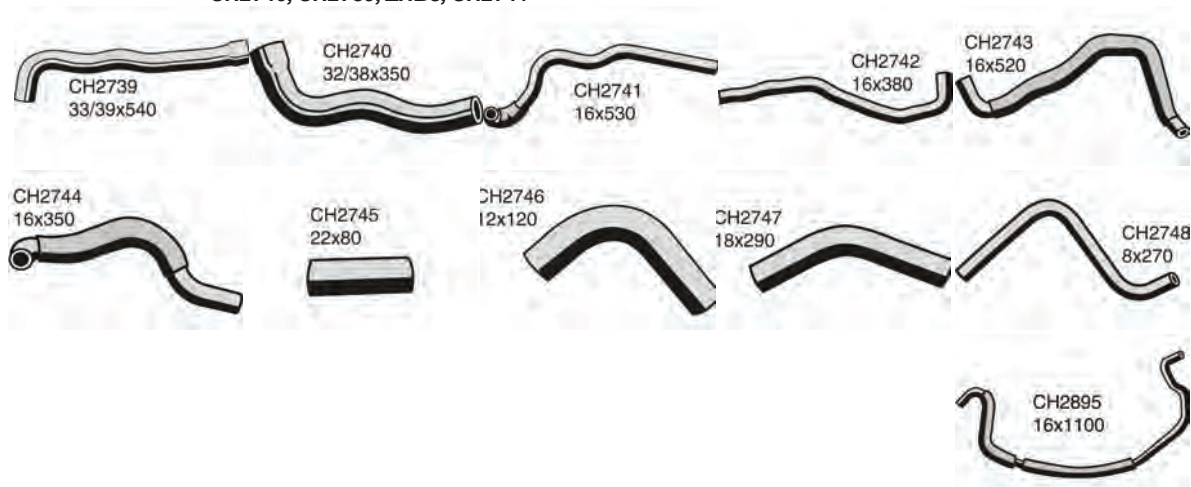
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Make Model	Description	Mackay #	O.E.M #
<b>PATROL</b>			

**GU 4.5 Litre OHV Petrol 12/97-4/00**

Top Hose	CH2739	21501VB001, 21501VB000
Bottom Hose	CH2740	B1503VB00A
Heater Hose <i>Outlet lower core to pipe</i>	CH2741	92410VB021
Heater Hose <i>Inlet Pipe to upper core</i>	CH2742	92400VB021
Heater Hose <i>Outlet pipe to engine</i>	CH2743	92411VB020
Heater Hose <i>Inlet engine to pipe</i>	CH2744	92401VB020
ByPass Hose <i>Heater return pipe to water inlet</i>	CH2745	14056VB006
ByPass Hose <i>Throttle body to heater return pipe</i>	CH2748	14056VB005
ByPass Hose <i>Thermostat Housing to 3 way pipe</i>	CH2747	14056VB001
ByPass Hose <i>3 way pipe to oil cooler</i>	CH2746	14056VB002
ByPass Hose <i>Oil cooler to heater return pipe</i>	HH1272	14056VB004
(Straight Hose Cut to Length)		
ByPass Hose <i>3 way pipe to throttle body (Cut to Length)</i>	ZHB8	14056VB003
Hose Pack Contains: CH2743, CH2744, CH2895, CH2745, CH2748, CH2747, CH2742, HH1272, CH2746, CH2740, CH2739, ZHB8, CH2741	CHVP27	

**GU 4.2 Litre (TD42 & TD42T Diesel) 05/98-10/02**

Top Hose	CH2894	B1501VB200A, 215011Y40A, 21501VB200, 21501VB201
Bottom Hose	CH2893	21503VB201, 21503VB200
Heater Hose <i>Outlet pipe to engine</i>	CH2951	92411VB220
Heater Hose <i>Outlet Bottom Hose of core to pipe</i>	CH3533	92410VB220
Heater Hose <i>Inlet pipe to Top of core</i>	CH3532	92400VB220
Heater Hose <i>Inlet Engine to pipe</i>	CH2895	92401VB220

**GU 4.2 Litre (TD42Ti) intercooled 11/02-07**

Top Hose 11/02 on	CH3615	21501VD000
Bottom Hose 11/02-On	CH3585	21503VD000
Heater Hose <i>Outlet bottom of core to pipe</i>	CH3533	92410VB220

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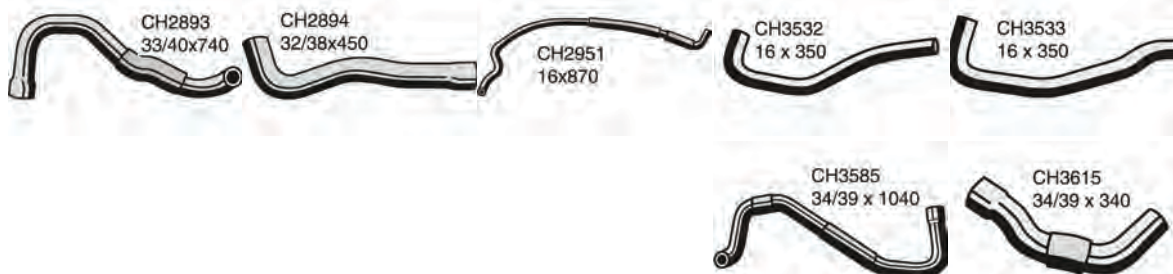
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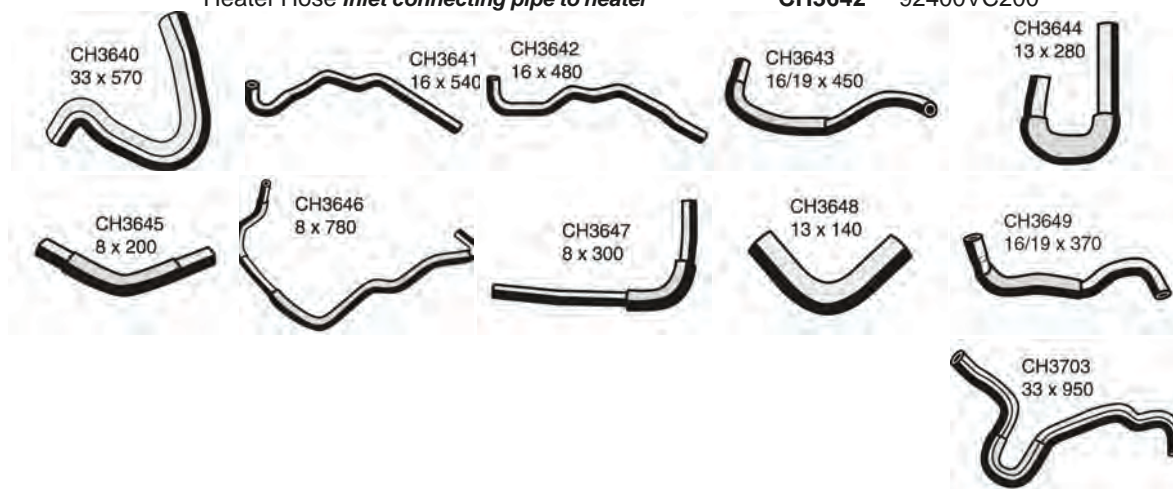


Make Model	Description	Mackay #	O.E.M #
<b>PATROL</b>			
	Heater Hose <i>Inlet pipe to Top of core</i>	CH3532	92400VB220
<b>GU 4.2 L (TD42 Diesel) Y61 UTE 1999-2001</b>			
	Heater Hose <i>Outlet</i>	CH3533	92410VB220
	Heater Hose <i>Inlet</i>	CH3532	92400VB220



## GU II 4.8 Litre TB48E 2001-02

Top Hose	CH3640	21501VC200
Bottom Hose	CH3703	21503VC200
ByPass Hose <i>Throttle Body</i>	CH3646	14056VC200
ByPass Hose <i>Throttle Body 2</i>	CH3647	14056VC215
ByPass Hose <i>Thermostat housing to manifold</i>	CH3645	14056VC220
ByPass Hose <i>Block to Oil Cooler</i>	CH3644	21307VC200
ByPass Hose <i>From Oil Cooler</i>	CH3648	21307VC205
Heater Hose <i>Front heater No 1</i>	CH3643	92401VC200
Heater Hose <i>Outlet N02</i>	CH3649	92411VC200
Heater Hose <i>Outlet</i>	CH3641	92410VC200
Heater Hose <i>Inlet connecting pipe to heater</i>	CH3642	92400VC200



## PINTARA

### R31 R.W.D.2.0 Litre 1986-89

Top Hose	CH1564	2150154S00
Bottom Hose	CH1565	2150354S00



### U12 F.W.D 2.0 Litre 1989-92

Top Hose	CH1677	2150462E00
Bottom Hose	CH1678	2150368E00
ByPass Hose	CH3514	2130713E00
ByPass Hose	CH3516	2130721F10
ByPass Hose	CH3515	2130703E04
Heater Hose <i>No1</i>	CH3513	9240068E00
Heater Hose <i>No 2</i>	CH3520	9241068E10



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Make Model	Description	Mackay #	O.E.M #
<b>PINTARA</b>			

**U12 F.W.D 2.4 Litre KA24 1989-92**

Top Hose	CH1679	21501J8000
Bottom Hose	CH1680	2150365E00
Heater Hose <b>No 1</b>	CH3519	9240068E10
Heater Hose <b>No 2</b>	CH3512	9241068E00
ByPass Hose <b>No 1</b>	CH3522	1405665E00
ByPass Hose <b>No 2</b>	CH3518	1405664E02
ByPass Hose <b>No 3</b>	CH3517	1405646R00
ByPass Hose <b>No 4</b>	CH3521	1405630R17
ByPass Hose	CH4286	1405630R61

**PRAIRIE, M10, E15 ENGINE 1982-85**

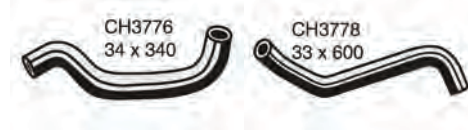
Top Hose	CH1453	2150102A00
Bottom Hose	CH1456	2150301R01

**PRAIRIE M11/NM11 2.0 LITRE (CA20S) SOHC CARBY MODEL 1988-90 (NZ & EXPORT)**

Top Hose	CH3191	2150132R00
Bottom Hose	CH3149	2150351E00

**PRIMERA SR20DE ENGINE 1998-01 NZ & EXPORT**

Top Hose	CH3776	215010F511
Bottom Hose	CH3778	215030F511

**PRIMERA P10 2WD 1988 CC 1990-95 (NZ & EXPORT)**

Top Hose	CH2528	2150153J00, 215019F200, 215012F200
Bottom Hose	CH2545	2150353J00
Bottom Hose	CH3900	215032F200, 215039F200



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Make Model	Description	Mackay #	O.E.M #
<b>PRIMERA P11 (SR18DE) ENGINE 1995-98 NZ &amp; EXPORT</b>			
	Top Hose	CH2528	2150153J00, 215019F200,
			215012F200
	Bottom Hose	CH2545	2150353J00



<b>PULSAR FN14 1.5 LITRE (GA15DS) ENGINE 1990-95</b>			
	Bottom Hose Carby	CH3156	2150353Y01



<b>PULSAR</b>			
<b>N10 1.4 Litre, 1980-81</b>			
	Top Hose	CH1297	21501M6600
	Bottom Hose Radiator Outlet to Thermostat switch	CH1298	21503M7000
	Bottom Hose Thermostat to Engine	CH1299	21504M7000



<b>N10 1.3 Litre (E13) 1981-83</b>			
	Top Hose	CH1388	21501M7860
	Bottom Hose Radiator outlet to Thermoswitch	CH1389	21503M8060
	Bottom Hose Thermoswitch to Engine	CH1390	21504M6461



<b>N10 1.5 Litre (E15) 1981-83</b>			
	Top Hose Manual Trans	CH1386	21501M6460
	Top Hose Auto Trans	CH1387	21501M8070
	Bottom Hose Radiator outlet to Thermoswitch	CH1389	21503M8060
	Bottom Hose Thermoswitch to Engine	CH1390	21504M6461



<b>N12, 1.3 &amp; 1.5 Litre E13 &amp; E15 Eng (Imported Models) 1983-86</b>			
	Top Hose Manual Trans.	CH1452	2150101A00
	Top Hose Auto. Trans.	CH1453	2150102A00
	Bottom Hose Manual Trans.	CH1454	2150301A10
	Bottom Hose Auto. Trans.	CH1455	2150301A01
	Heater Hose Inlet	CH1547	92400V9800
	Heater Hose Outlet to Pipe	CH1548	92412V9800
	Heater Hose Outlet Pipe to Engine	CH1549	92413V9800

<b>N12, 1.3 &amp; 1.5 Litre E13 &amp; E15 Eng (Australian Production) 1983-86</b>			
	Top Hose Manual Trans. 1983-5/84	CH1452	2150101A00
	Top Hose Auto. Trans. 1983-5/84	CH1453	2150102A00
	Top Hose All 1984-86	CH1550	21501V9800,-V9801
	Bottom Hose Manual Trans	CH1493	21503V9825
	Bottom Hose Auto Trans	CH1490	21503V9800
	Heater Hose Inlet	CH1547	92400V9800
	Heater Hose Outlet to Pipe	CH1548	92412V9800
	Heater Hose Outlet Pipe to Engine	CH1549	92413V9800

<b>N12, 1.6 Litre 1986-87</b>			
	Top Hose	CH1550	21501V9801
	Bottom Hose	CH1551	21503V9801, V9803
	Heater Hose Inlet	CH1547	92400V9800
	Heater Hose Outlet to Pipe	CH1548	92412V9800
	Heater Hose Outlet Pipe to Engine	CH1549	92413V9800

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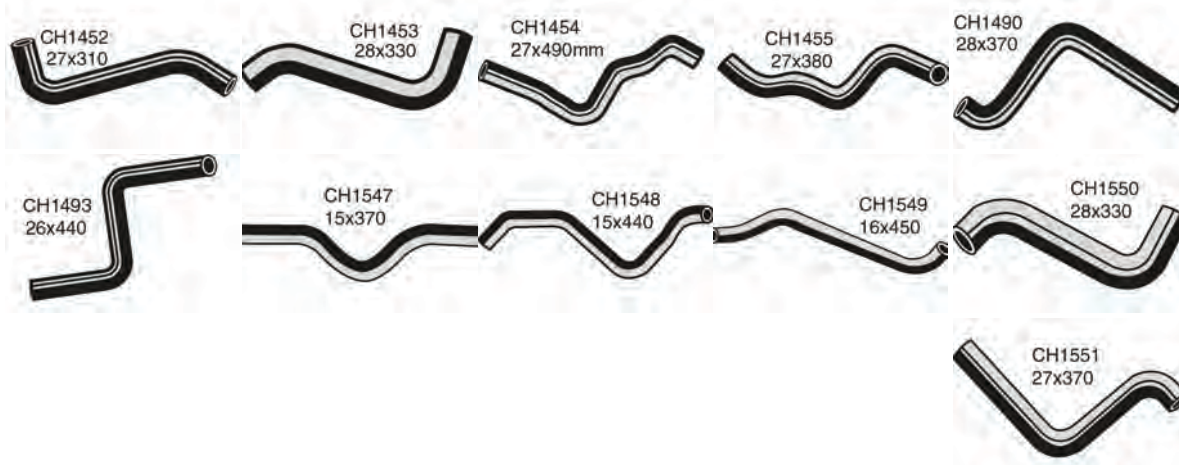
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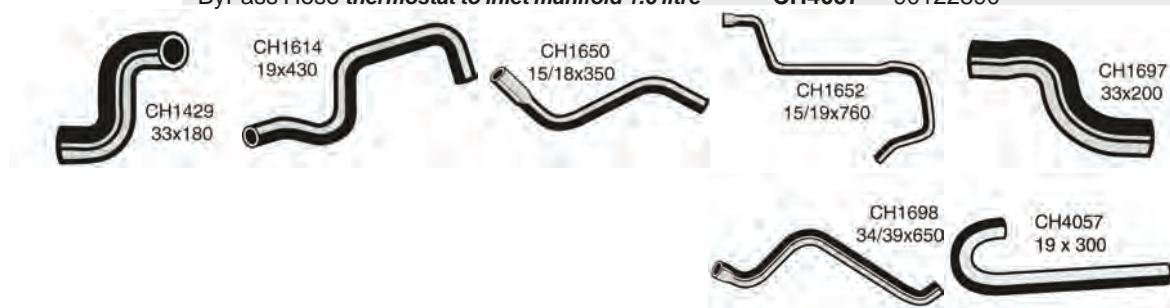
Make Model	Description	Mackay #	O.E.M #
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## PULSAR



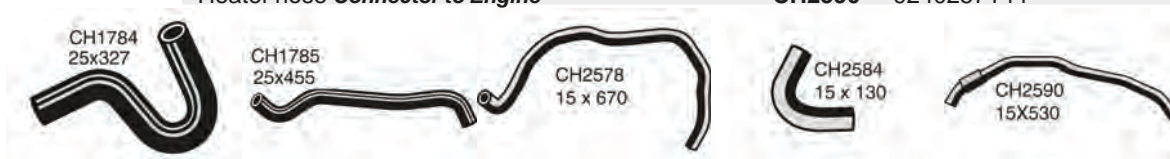
## N13 1.6, 1.8 Litre 1987-89

Top Hose	CH1697	2150167M03
Bottom Hose	CH1698	21503J7500
Heater Hose <i>Heater Outlet</i>	CH1650	9241267M00
Heater Hose <i>Heater Inlet</i>	CH1652	9240067M01
Bottom Hose <i>Pipe to Water Pump</i>	CH1429	92023281
ByPass Hose <i>Thermostat Housing to Pipe (Lower)</i>	CH1614	92033548
(1.8 Litre Only)		
ByPass Hose <i>thermostat to inlet manifold 1.6 litre</i>	CH4057	90122890



## N14 1.6 Litre GA16 DOHC 1991-95

Top Hose	CH1784	21501J9200
Bottom Hose	CH1785	21503J9200
Heater Hose <i>Fire wall to Connector lower</i>	CH2578	9241053Y10
Heater Hose <i>fire wall to Engine upper</i>	CH2584	9240157Y11
Heater hose <i>Connector to Engine</i>	CH2590	9240257Y11



## N14 1.7 Litre CD17 Diesel 1990-92

Top Hose	CH3188	2150159Y00
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## N14 1.8 Litre (SR18DE) Engine 1990-94

Top Hose	CH1786	2150158Y00
Bottom Hose	CH1787	2150358Y00

## N14 2.0 Litre 1991-95

Top Hose	CH1786	2150158Y00
Bottom Hose	CH1787	2150358Y00
Heater Hose <i>Outlet</i>	CH3473	9241058Y00



## N15 1.6 Litre GA16DE 1995-2000

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\* Supplied with Coil Spring. All dimensions in millimetres



Make Model	Description	Mackay #	O.E.M #
<b>PULSAR</b>			
	Top Hose 08/95-10/99	CH3125	21501OM000,M002
	Bottom Hose 08/95-10/99	CH2229	21503OM001
	Bottom Hose 08/95-10/99 Export Only	CH4043	21503OM010
	Heater Hose Inlet	CH3477	924000N500
	Heater Hose Outlet	CH3475	924100M000
	ByPass Hose thermostat housing base to manifold	CH2204	1405553Y11
	ByPass Hose pipe to RH manifold	CH5301	140561M200
	ByPass Hose pipe to manifold(U shaped)	CH5299	140561M205
	ByPass Hose pipe to RH manifold auto trans	CH5297	140561N900
	ByPass Hose thermostat to under manifold	CH5296	1405553Y05
	ByPass Hose pipe to manifold	CH5298	140561M211
	ByPass Hose Pipe to LH manifold	CH5300	140561M204
	ByPass Hose pipe to thermostat	CH5294	210470M600
	ByPass Hose pipe to LH Manifold	CH5302	140561M202



## N15 1.6 Litre 1999-2001

Top Hose (10/99-2001)	CH3397	215010M005
Bottom Hose (10/99-2001)	CH3390	215030M016
Heater Hose Inlet	CH3477	924000N500
Heater Hose Outlet	CH3475	924100M000



## N15 2.0 Litre 1995-2000

Bottom Hose	CH2203	215030M800,MO801
ByPass Thermostat to Inlet Manifold	CH2204	1405553Y11
Heater Hose Inlet	CH3474	924000M800
Heater Hose Outlet	CH3476	924100M800



## N16 1.6 Litre 2000-02

Top Hose	CH3398	215014M401
Bottom Hose	CH3399	215038N000
ByPass Hose	CH3471	140554M500
ByPass Hose	CH3472	140554M510
Heater Hose Inlet	CH3537	924004M400
Heater Hose Outlet	CH3536	924104M400

## N16 1.8 Litre 2000-02

Top Hose	CH3398	215014M401
Bottom Hose	CH3399	215038N000
ByPass Hose From Thermostat Upper	CH3471	140554M500
ByPass Hose From Thermostat Lower	CH3472	140554M510
Heater Hose Inlet	CH3537	924004M400




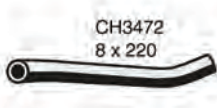





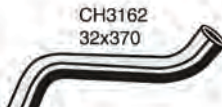
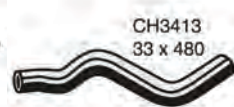





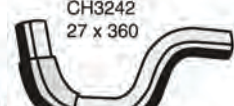
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NISSAN

Make Model	Description	Mackay #	O.E.M #
<b>PULSAR</b>			
	Heater Hose <i>Outlet</i>	CH3536	924104M400
	 CH3398 26 x 310	 CH3399 26 X 620	 CH3471 8 x 110
		 CH3472 8 x 220	 CH3537 16 x 540
			 CH3536 16 x 500
<b>QUEST 3.5 LITRE VG33E ENGINE 2000-2002</b>			
	Top Hose	CH4970	215017B000
			 CH4970 34 x 605
<b>S-CARGO 1.5 LITRE (E15 SOHC) ENGINE 1988-90</b>			
	Top Hose	CH3192	2150148A00
	Bottom Hose	CH3152	2150348A00
		 CH3192 26 x 460	 CH3152 27x370
<b>SERENA C32 2.0 LITRE SR20DE ENGINE 1991-95</b>			
	Top Hose	CH3413	215014C000
	Bottom Hose	CH3162	215034C000
		 CH3162 32x370	 CH3413 33 x 480
<b>SENTRA 1.5 LITRE (GA15DE) ENGINE 1966-99</b>			
	Top Hose	CH3125	215010M012
	Bottom Hose	CH3126	215030M002
		 CH3125 27/34x320	 CH3126 37/33x550
<b>SENTRA BN13DFU (E13S) 1.3 LITRE ENGINE 1987-89</b>			
	Top Hose	CH3241	2150152A00
	Bottom Hose	CH3159	2150352A10
		 CH3159 27x250	 CH3241 27 x 430
<b>SENTRA UN13DFU (GA14S) 1.4 LITRE ENGINE 1989-93</b>			
	Top Hose	CH3242	2150177A20
	Bottom Hose	CH3158	2150377A20
		 CH3158 27x510	 CH3242 27 x 360

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Make Model	Description	Mackay #	O.E.M #
<b>SENTRA 1.6 LITRE 1995-99</b>			
	Top Hose	CH4760	215015B400



<b>SERENA KVC23 (CD20) 2.0 LITRE DIESEL ENGINE 1992-96</b>			
	Top Hose	CH3183	215010C400
	Bottom Hose	CH3162	215034C000



<b>SILVIA S13 (CA18DET) 1.8 LITRE TURBO ENGINE 1988-92</b>			
	Top Hose	CH3143	2150135F10
	Bottom Hose	CH3160	2150335F00



<b>SILVIA S13 (SR20DET) 2.0 LITRE 1988-94</b>			
	Top Hose	CH3409	2150152F00
	Bottom Hose	CH3412	2150352F01



<b>SKYLINE C21 1978-81</b>			
	Top Hose	CH1501	21501R5700
	Bottom Hose	CH1193	21503R5800



<b>SKYLINE RM30 1982-86</b>			
	Top Hose Manual Trans.	CH1534	2150101L00
	Top Hose Auto. Trans.	CH1535	2150105L00
	Bottom Hose	CH1536	2150301L00



<b>SKYLINE R32 2.6 LITRE RB26DETT ENGINE 1989-ON</b>			
	Top Hose	CH4210	2150124U10
	Bottom Hose	CH3124	2150372L00



<b>SKYLINE R33 RB25DE(t) ENGINE 8/1993-5/1998</b>			
	Top Hose	CH3195	2150175T10
	Bottom Hose	CH3124	2150372L00

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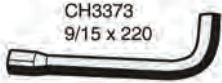

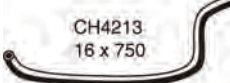
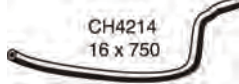

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NISSAN

Make Model	Description	Mackay #	O.E.M #
NISSAN		 	
	<b>SKYLINE ECR33 / ER33 2.5 LITRE (RB25DE) ENGINE 1991-93</b>		
	Top Hose	CH3195	2150175T10
			
	<b>SKYLINE HR31 2.0 LITRE (RB20DE) 1985-89</b>		
	Top Hose	CH3187	2150158S00
			
	<b>SKYLINE HR33 2.0 LITRE (RB20DE) 1989-93</b>		
	Top Hose	CH3190	2150170T10
	Bottom Hose	CH3124	2150372L00
		 	
	<b>SKYLINE RB20DE 2.0 LITRE DOHC ENGINE 1985-89</b>		
	Bottom Hose	CH3869	215058S60
			
	<b>SKYLINE R31 RB30 3.0 LITRE ENGINE 1996-90</b>		
	Top Hose	CH1566	2150155S00
	Bottom Hose	CH1567	2150355S00
	Crankcase Breather Hose	CH3373	1152842L01
	Heater Hose <i>Inlet 7/86-9/88</i>	CH4217	9240058S00
	Heater Hose <i>Inlet 10/88-ON</i>	CH4212	92400J7300
	Heater Hose <i>Outlet manual Trans</i>	CH4213	92413J7105
	Heater Hose <i>Outlet Auto Trans</i>	CH4214	92413J7115
	    		
	 		
	<b>SKYLINE R32 (RB20DE (T)) ENGINE 1989-93</b>		
	Top Hose	CH3237	2150104U00
	Bottom Hose	CH3124	2150372L00

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Make Model	Description	Mackay #	O.E.M #
<b>SKYLINE R32 (RB20DE (T)) ENGINE 1989-93</b>			



<b>SKYLINE R33 (RB25DE(T)) ENGINE 1991-97</b>			
Top Hose 91-93	CH3237	2150104U00	
Top Hose 93-97	CH3195	2150175T10	
Bottom Hose	CH3124	2150372L00	



<b>STANZA, A10 1978-83</b>			
Top Hose	CH1200	21501U9300	
Bottom Hose	CH1201	21503K2406	



<b>SUNNY 1978-81</b>			
Top Hose	CH1191	21501H5020	
Bottom Hose	CH1192	21503H7220	



<b>SUNNY 1.6 LITRE QG16DE 2007-ON</b>			
Top Hose	CH4807	2150195F0A	
Bottom Hose	CH4805	2150395F0A	



<b>TERRANO 3.0 LITRE V6 1987-93 NZ &amp; EXPORT</b>			
Bottom Hose	CH2301	2150309G00	



<b>TERRANO R20 3.0 LITRE ZD30</b>			
Bottom Hose	CH5224	2153032X800	



<b>TERRANO R50 3.3 LITRE VG33 ENGINE 1995-99</b>			
Top Hose	CH3421	215010W501	
Bottom Hose	CH3408	215030W001	

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NISSAN

Make Model	Description	Mackay #	O.E.M #
<b>TERRANO R50 3.3 LITRE VG33 ENGINE 1995-99</b>			
	ByPass Hose <i>Thermostat to manifold</i>	CH3746	140550W000

CH3408  
35/39 x 520



CH3421  
33 x 300



CH3746  
27 x 150



## TERRANO KA24 2.4 LITRE 1997-2000

Top Hose	CH3057	215017F400
Bottom Hose	CH3058	215037F400
Heater Hose <i>Inlet</i>	CH3059	924000F500
Heater Hose <i>Outlet</i>	CH3060	924100F500

CH3057  
34x450



CH3058  
34x550



CH3059  
15/18x280



CH3060  
16/18x300



## TERRANO TD27 2.7 LITRE DIESEL

Top Hose	CH2567	2150144G00
Bottom Hose <i>Cut to suit Temp sender</i>	CH3161	215031F100
Heater Hose <i>Inlet</i>	CH3055	924000F100
Heater Hose <i>Outlet</i>	CH3056	924107F000

CH2567  
32/37 x 347



CH3055  
19 x 900



CH3056  
18x730



CH3161  
34/38x660



## TERRANO TD27 2.7 LITRE DIESEL 1997-2000

Top Hose	CH3053	215017F000
Bottom Hose	CH3054	215037F000
Heater Hose <i>Inlet</i>	CH3055	924000F100
Heater Hose <i>Outlet</i>	CH3056	924107F000

CH3053  
34/39x370



CH3054  
34/38x680



CH3055  
19 x 900



CH3056  
18x730



## TIIDA 1.6 LITRE HR16DE 2006-ON

Bottom Hose	CH4806	21503ED000
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CH4806  
33 x 450



## TIIDA C11 1.8 LITRE MR18 02/2006-ON

Top Hose	CH4164	21501ED800, 21501ED000
Bottom Hose	CH4165	21503ED800
Heater Hose <i>Inlet</i>	CH4166	92400ED800
Heater Hose <i>Outlet</i>	CH4167	92410ED800

CH4164  
33 x 380



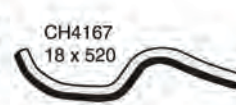
CH4165  
33 x 420



CH4166  
18 x 350



CH4167  
18 x 520



## VANETTE C20 5/83-12/86

Top Hose	CH2668	21501G2500
Bottom Hose	CH3128	21503G2500

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Make Model	Description	Mackay #	O.E.M #
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## VANETTE C20 5/83-12/86



## VANETTE C22 2.0 LITRE Z20 ENGINE 1986-93

Top Hose	CH5239	2150115C00
Top Hose <i>from radiator cap fitting</i>	CH5240	2150215C00
Bottom Hose <i>radiator to T piece</i>	CH5241	2150315C00
Bottom Hose <i>from T piece</i>	CH5242	2150417C10
Heater Hose <i>outlet</i>	CH5245	9241017C10
Heater Hose <i>inlet</i>	CH5244	9240017C10
ByPass Hose <i>water pump connection</i>	CH5243	14055R8200



## VANETTE C22 1.5 LITRE (A15) ENGINE 1988-90

Top Hose	CH3243	21501G6100
Bottom Hose	CH3154	21503G6102



## VANETTE C22 (LD20II) DIESEL ENGINE 1986-90

Top Hose	CH3127	21501G5502
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## VANETTE C22 2.0 LITRE (CA20) ENGINE 1986-90

Top Hose	CH3184	21501G5401
Bottom Hose	CH3153	21503G5460



## VANETTE C120 1.2 LITRE (A12) ENGINE 1982-89

Bottom Hose	CH3128	21503G2500
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NISSAN

Make Model	Description	Mackay #	O.E.M #
<b>VANETTE C120 1.5 LITRE A15 Eng 1984-86</b>			
	Top Hose	CH2668	21501G2500
	Bottom Hose	CH2632	21503G3400
	Heater Hose No2	CH2635	92402G2505
	Heater Hose No3	CH2636	92401G2505



## URVAN

### E20 Van - H20 Petrol 1976-80

Top Hose	CH1582	21501B8500
Bottom Hose	CH1583	21503B8500



### E23 - J16 Petrol 1981-82

Top Hose	CH1574	21501R8001
Bottom Hose	CH1575	21503R8002



### E23 - H20 Petrol 1981-82

Top Hose	CH1576	21501R9000
Bottom Hose	CH1577	21503R9000

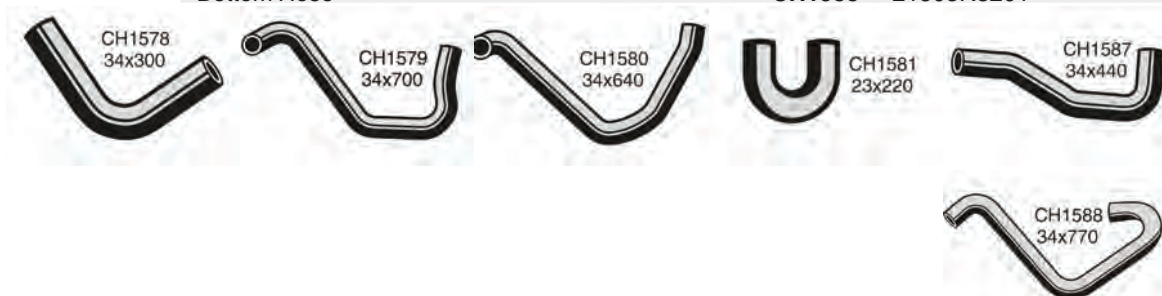


### E23 - SD23 Diesel 1982-86

Top Hose	CH1578	21501R8100
Bottom Hose - without A/C'	CH1579	21503R8100
Bottom Hose - with A/C'	CH1580	21503R8102
ByPass Hose	CH1581	2106961500

### E23 - Z20 Petrol 1982-86

Top Hose	CH1587	21501R8201
Bottom Hose	CH1588	21503R8201



### E24 2.0 Litre (Z20) Engine 1989-92 NZ & Export

Bottom Hose	CH3157	2150325N05
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### E24 2.4 Litre Petrol 1987-93

Top Hose	CH2909	2150103N01
Bottom Hose	CH2912	2150316N00
Water Pump Connection Hose	CH2908	1405524C00
Heater Hose No 1	CH2910	9240003N00
Heater Hose No 2	CH2902	9241003N00
Heater Hose Front No 3	CH2913	9240103N05
Heater Hose Front No5	CH2915	9240005N06

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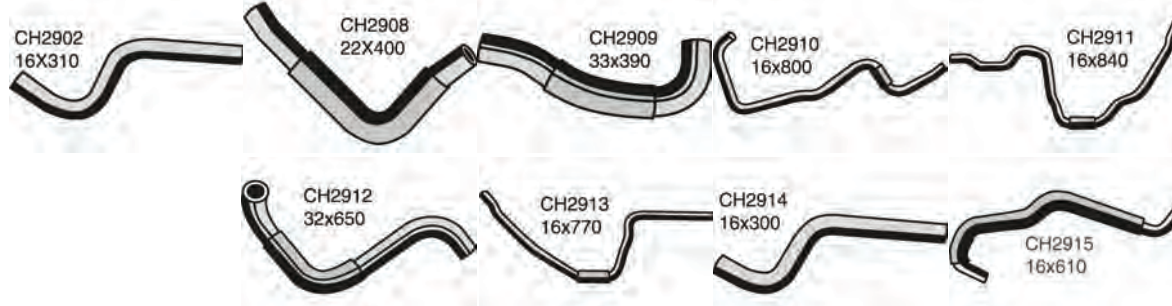
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Make Model	Description	Mackay #	O.E.M #
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## URVAN

Heater Hose *Rear*  
Heater Hose *centre*

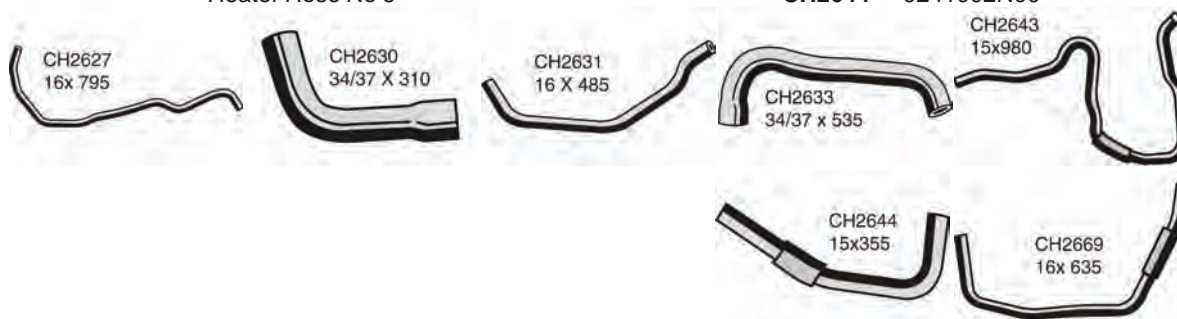
**CH2914** 9241005N05  
**CH2911** 9241103N05



## E24 2.7 Diesel TD27 1987-93

Top Hose  
Bottom Hose  
Heater Hose No2  
Heater Hose No3  
Heater Hose No 4  
Heater Hose No5  
Heater Hose No 6

**CH2630** 2150102N00  
**CH2633** 2150302N00  
**CH2631** 9241402N05  
**CH2669** 9240002N05  
**CH2643** 9241102N05  
**CH2627** 9240111N05  
**CH2644** 9241002N00



## X-TRAIL T30 2.5 LITRE QR25 ENGINE 10/2001-9/2007

Top Hose  
Bottom Hose  
Heater Hose Inlet  
Heater Hose Outlet

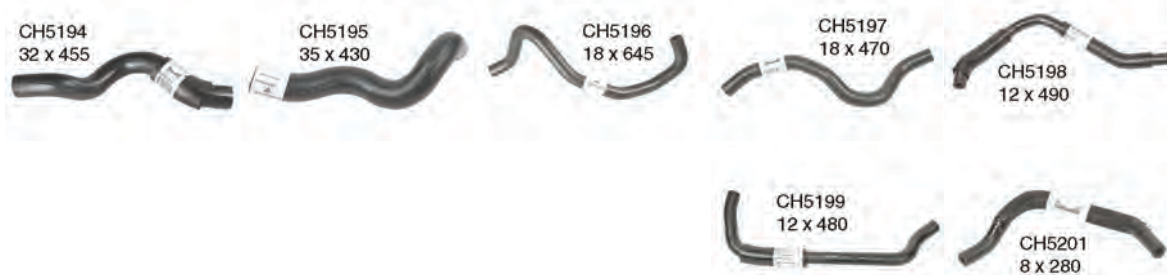
**CH3539** 215018H300, 215018H301  
**CH3540** 215038H300, 215038H301  
**CH3542** 924008H310  
**CH3541** 924108H310



## X-TRAIL T31 2.5 LITRE QR25DE ENGINE 10/2007-2011

Top Hose  
Bottom Hose  
Heater Hose  
Heater Hose  
ByPass Hose (*2per vehicle required*)  
ByPass Hose *oil cooler water hose*  
ByPass Hose *oil cooler water hose*

**CH5194** 21501JG300  
**CH5195** 21503JG300  
**CH5196** 92400JG300  
**CH5197** 92410JG300  
**CH5201** 14056ET80A  
**CH5199** 21306JG31A  
**CH5198** 21306JG30A



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OPEL

Make Model	Description	Mackay #	O.E.M #
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**OPEL****ASTRA 1.4 & 1.6 LITRE X14XE, X16XEL ENGINE 1992-98**Top Hose *with A/C*

CH4236 1337279, 90509917

**ASTRA Mk2 & 3 1.7 DIESEL X17DTI 01/89-09/98**Top Hose *except India*

CH3902 1337382, 90570080

Bottom Hose *from pipe to radiator*

CH3904 1337111, 90421905

Bottom Hose

CH3903 1337289, 90510638

Heater Hose *from header tank to tube*

CH3905 1337391, 90570048

**ASTRA 1.7 DIESEL 17D, 17DR, 17TD 1992-98**

Top Hose

CH4005 1337106

Top Hose 17TD

CH4237 1337390, 90570065

**ASTRA C16LZ2, C16NZ2, 18SV, C18NZ, E18NVR, 20NE, C20NE, 20SEH, X20XEV PETROL ENGINES 1992-98**Bottom Hose *connecting tube to water pump*

CH2187 90530796, 1337463

**ASTRA G 1.4i & 1.6i 1998-ON**Top Hose *with air conditioner*

CH4050 1337582, 24413975

Bottom Hose *Automatic Trans*

CH4054 1337557, 9202897

Bottom Hose *Manual Trans*

CH4053 1337556, 9202896

Expansion Tank Hose to Radiator

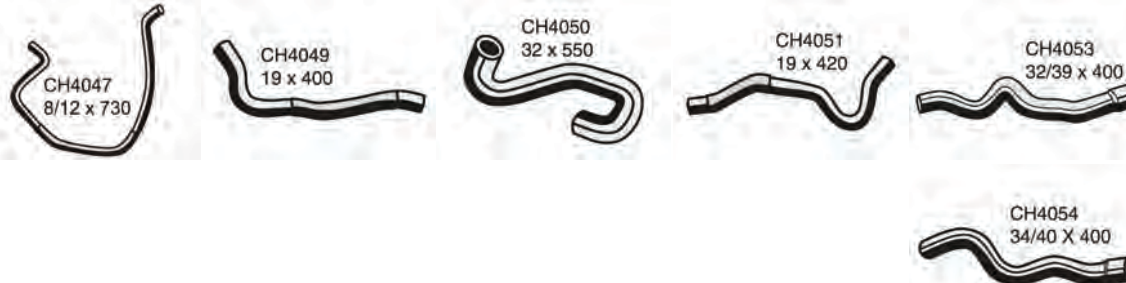
CH4047 1337600, 24438357

Hose water pipe to expansion tank

CH4051 1337554, 9202527

ByPass Hose

CH4049 1337491, 90530711

**ASTRA G 2.0 LITRE DIESEL X20DTL, Y20DTL, Y20DT 1998-2005**

Top Hose

CH4728 34421116

Bottom Hose

CH4890 90573220

Heater Hose *heat exchange to thermostat housing*

CH4725 90573223

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Make Model	Description	Mackay #	O.E.M #
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## ASTRA G 2.0 LITRE DIESEL X20DTL, Y20DTL, Y20DT 1998-2005

ByPass Hose connecting tube to thermostat housing	CH4891	90573219
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## CORSA

Top Hose	CH4235	1337191, 9044475
Bottom Hose	CH4229	1337322, 90511903
Heater Hose	CH4048	6918205, 90530396
Water Pipe to Expansion Tank	CH4146	6818182, 90502678



## CORSA B 1.5& 1.7 LITRE DIESEL 1993-2001

Top Hose	CH4003	1337381
Bottom Hose	CH4004	1337380



## CORSA C 1.7TD Y17DT, Y17DTL 2001-ON

Top Hose up to Chassis no 339/349/36999999	CH4055	1337574, 9128807
ByPass Hose Thermostat	CH4056	1337233, 97086694
ByPass Hose	CH4052	1336461, 94165200
ByPass Hose Thermostat at heater pipe	CH4046	6818515, 9129248



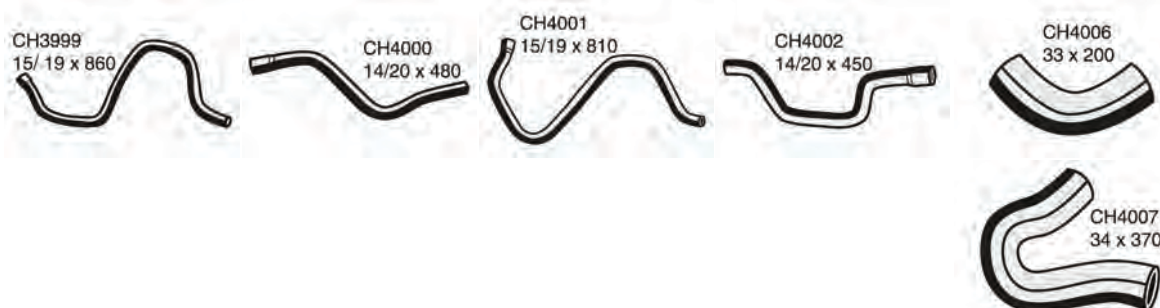
## KADETT 1.3, 1.4 LITRE 1985-93

Bottom Hose water pipe- water pump	CH4008	1336459
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## KADETT 1.6 1.7 DIESEL 16D, DA, 17D, DA ENGINES 1984-93

Top Hose	CH4007	1336426
Bottom Hose water pipe to Water pump Non ABS	CH4006	1336294
Heater Hose Outlet	CH4000	1818334
Heater Hose Inlet From CH NA000001	CH4001	1818159
Heater Hose Outlet From CH NA000001	CH4002	1818202
Heater Hose Inlet	CH3999	1818324



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OPEL

Make Model	Description	Mackay #	O.E.M #
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## KADETT 16S, 18SE, E18NV, S18NV, C18NZ, 20NE, 20SEH, 20SER, C20NE PETROL ENGINES 1985-93

Bottom Hose *connecting tube to water pump*

CH2187 90530796, 1337463



## VECTRA A 16LZ2, 16NZ2, C18SEL, C18XE, C18XEL, C18XE, X20XEV, 18SE, C18NZ, C20NE PETROL ENGINES 1989-95

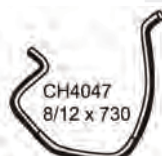
Bottom Hose *connecting tube to water pump*

CH2187 90530796, 1337463



## ZAFIRA 1.4i & 1.6i 1998-ON

Top Hose <i>with air conditioner</i>	CH4050	1337582, 24413975
Bottom Hose <i>Automatic Trans</i>	CH4054	1337557, 9202897
Bottom Hose <i>Manual Trans</i>	CH4053	1337556, 9202896
Expansion Tank Hose to Radiator	CH4047	1337600, 24438357
Hose water pipe to expansion tank	CH4051	1337554, 9202527
ByPass Hose	CH4049	1337491, 90530711



## ZAFIRA G 2.0 LITRE DIESEL X20DTL, Y20DTL, Y20DT 1998-2005

Bottom Hose	CH4890	90573220
Heater Hose <i>heat exchange to thermostat housing</i>	CH4725	90573223
ByPass Hose <i>connecting tube to thermostat housing</i>	CH4891	90573219



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Make Model	Description	Mackay #	O.E.M #
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## PEUGEOT

### 206 XR, XT 1.3 LITRE TU3JP ENGINE 1998-2006

Top Hose	CH4366	1343Z2
Bottom Hose <i>To Vin VF31AKFW008791</i>	CH4367	1351Y4
Bottom Hose <i>From Vin VF31AKFW008792 to 009274</i>	CH4368	1351EW



### 404 1962-70

Top Hose	CH563	134310, 134325
Bottom Hose	CH564	135031



### 405 1.9 LITRE 1989-96

Top Hose	CH2707	1343A2
Bottom Hose	CH2681	135151
By Pass Hose	CH2705	135104
Heater Hose <i>Inlet</i>	CH2703	6464A2
Heater Hose <i>Outlet</i>	CH2704	6464A3



### 406 2D COUPE 3 LITRE V6 1997-99

Top Hose	CH2847	1343X9
Bottom Hose	CH2848	1351Y1



### 504

#### 2.0 Litre XN2 Engine 1970-83

Top Hose	CH563	134310
Bottom Hose	CH1059	135032

#### (Diesel 2112, XD90 1974-76)

Top Hose	CH2351	134334
Bottom Hose	CH2327	135046

#### (Diesel) 2304, XD2 1977-83

Bottom Hose	CH2327	135046
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### 505 NX6 1980-87

Top Hose	CH1892	134341/51
Top Hose	CH5238	134353
Bottom Hose	CH1893	135065

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Make Model	Description	Mackay #	O.E.M #
<b>505 NX6 1980-87</b>			

ByPass Hose *Water Pump*

CH2361 135027

CH1892  
33/41x280CH1893  
31/38x241CH2361  
35/41x50CH5238  
30/35 x 355**604 1977-79**

Top Hose

CH1894 134340

Bottom Hose

CH2328 135044

CH1894  
31x249CH2328  
38/41x406**BOXER 2.5 LITRE DIESEL & TURBO DIESEL 1994-02**

Top Hose

CH3986 1343K3

Bottom Hose (*non Turbo*)

CH3987 1351K6

Bottom Hose (*Turbo*)

CH3988 1351K5

ByPass Hose *Thermostat-expansion Tank RHD up to CH# S15577562*

CH3990 131759

ByPass Hose *Thermostat- Expansion Tank hose RHD from CH S15577563*

CH3991 131760

ByPass Hose *RHD*

CH3989 131758

Heater Hose Outlet *upto CH#S15577562*

CH3994 6464CE

Heater Hose Outlet *From CH#S15577563*

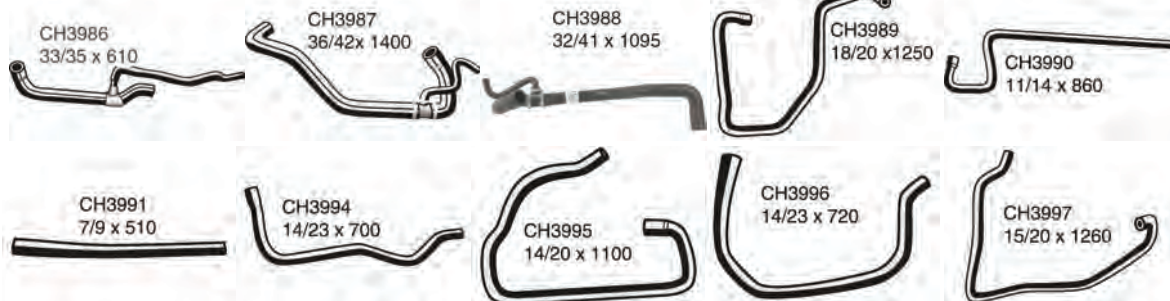
CH3996 6464YZ

Heater Hose Inlet *upto CH#S15577562*

CH3995 6464CF

Heater Hose Inlet *From CH# S15577563*

CH3997 6464ZA

**PLYMOUTH****PROWLER 3.5 LITRE V6 EGJ 1997-2002**

Top Hose

CH4972 04865018AA

Bottom Hose

CH4973 04786468

Heater Hose

CH5129 4815995AD2

Heater Hose

CH5132 4592105

Heater Hose

CH5128 4815995AD1

Bypass Hose

CH5131 4815995AD4

ByPass Hose

CH5130 4815995AD3



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Make Model Description

Mackay #

O.E.M #

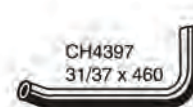
## PORSCHE

### 924 1984cc 1977-82

Top Hose *radiator to water pump*  
Bottom Hose

CH4396  
CH4397

93110315700, 6701  
046121061



### 928 1.5 LITRE 1978-84

Top Hose  
Bottom Hose

CH4359  
CH4360

92810323906  
92810623806



## PROTON

### WIRA , PERSONA

#### 1.5 Litre (4G15P) 1995-99

Top Hose

CH2053

MB845944

#### 1.6 Litre (4G92P) 1995-11/96

Top Hose

CH1807

MB660601

Bottom Hose *Man. Trans*

CH1810

MB660611

Bottom Hose *Auto Trans.*

CH1809

MB660612



## RENAULT

### FUEGO 2 LITRE 1983-87

Top Hose  
Bottom Hose

CH2729  
CH2730

7700667477  
7704001336



### R12 1970-75

Top Hose  
Bottom Hose

CH976  
CH977

7700521704  
7700537799



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PORSCHE

PROTON

RENAULT



ROVER

Make Model	Description	Mackay #	O.E.M #
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## ROVER

### 3500, 3500S 1968-79

Top Hose	CH1461	GRH442
Bottom Hose	CH1462	GRH452



### RANGE ROVER 4.W.D. 1972-85

Top Hose <i>without A/C'</i>	CH1004	R575718
Bottom Hose <i>without A/C'</i>	CH1005	GR550, 598871



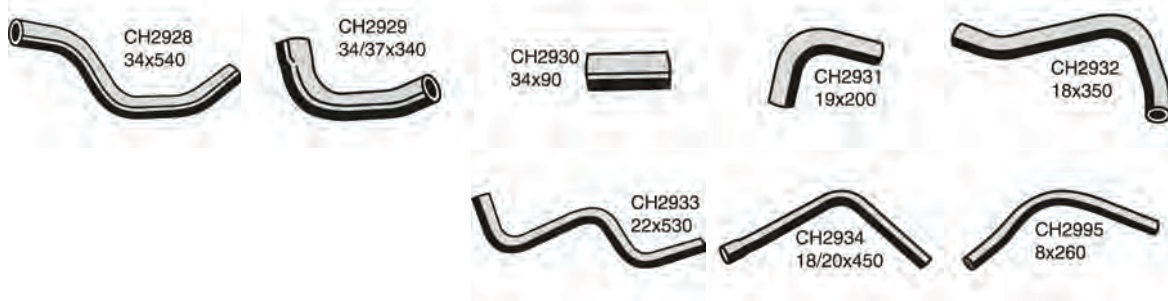
### RANGE ROVER 4.W.D.ADR27A (AIR PUMP MODELS) 1974-78

Top Hose	CH1604	NRC2258
Bottom Hose	CH1005	GRH550, 598871



### RANGE ROVER VA 4 & 4.6 LITRE V8 ENGINES 1995-97

Top Hose	CH2928	PCH114840
Bottom Hose	CH2930	PCH115480
Bottom Hose <i>to Engine</i>	CH2929	PEH101010
By Pass Hose	CH2932	PEH101150
By Pass Hose	CH2931	PEH101500
Heater Hose <i>Inlet</i>	CH2933	JHB100640
Heater Hose	CH2934	PCH118810
By Pass Hose	CH2995	ERR4388



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Make Model Description

Mackay #

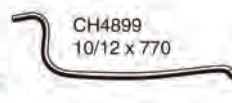
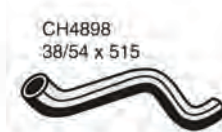
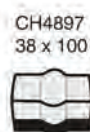
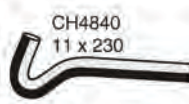
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## SAAB

SAAB

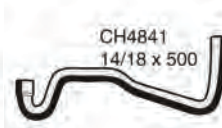
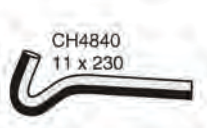
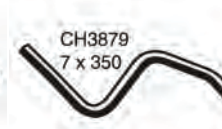
### 9-3 2.0 LITRE TURBO 1998-02

Expansion Tank Hose	CH3873	4961363, 4876595
Vacuum Hose <i>oil</i>	CH4842	55560462
Vacuum Hose <i>engine breather</i>	CH4840	55560445
Vacuum Hose <i>oil hose to valve nipple</i>	CH4841	55560463
Turbo Hose <i>pipe to turbo</i>	CH4897	5329008
Turbo Hose <i>intercooler to pipe</i>	CH4898	5325626
Power Steering Hose	CH4899	4481741
Heater Hose <i>Assembly inlet/outlet</i>	CH2861	7876223, 4961074



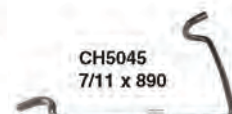
### 9-5 2.0 LITRE 4CYL TURBO 1998-02

Top Hose	CH3875	4397501
Bottom Hose	CH3883	4899449
Heater Hose	CH3881	4729943
Return Hose	CH3879	9186883
Expansion Tank Hose 2000-01	CH3874	4968434
Expansion Tank Hose 1998-99	CH3877	4397535
Vacuum Hose <i>oil</i>	CH4842	55560462
Vacuum Hose <i>engine breather</i>	CH4840	55560445
Vacuum Hose <i>oil hose to valve nipple</i>	CH4841	55560463



### 9-5 3.0 LITRE V6 TURBO 1998-02

Top Hose	CH3885	4397642
Top Hose	CH5103	5191119
Bottom Hose	CH3878	4397659
Bottom Hose <i>T Piece to Engine</i>	CH5046	5320544
ByPass <i>nipple to Thermostat</i>	CH3882	4969374
ByPass <i>air valve (circulation Pump) to Nipple</i>	CH3876	4968913
ByPass Hose	CH5099	5326848
Expansion Tank Hose <i>tank to inlet manifold</i>	CH5055	5320635
Expansion Tank Hose <i>radiator to expansion tank</i>	CH5045	5323860
Expansion Tank Hose <i>tank to reservoir</i>	CH5090	4397669
Heater Hose	CH5091	4756706
Heater Hose	CH5102	5320650
Heater Hose	CH5101	5326780
Heater Hose	CH5349	5047246



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SAAB

Make Model	Description	Mackay #	O.E.M #
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## 9-5 3.0 LITRE V6 TURBO 1998-02



## 9-5 3 LITRE B308 V6 2002-2003

Bottom Hose	CH5104	5194261
Expansion Tank Hose <i>Tank to thermostat housing</i>	CH5044	5193933



## 99 1.7, 1.8, 2.0 LITRE 1973-78

Top Hose	CH3173	8383028
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## 99, 900 4 CYL 2.0 LITRE 1979-80

Top Hose	CH1895	9301599
Bottom Hose <i>Turbo</i>	CH1897	9301367
Bottom Hose <i>Front</i>	CH2676	9301359
Bottom Hose <i>Turbo</i>	CH2864	4121802
Bottom Hose <i>with out Turbo</i>	CH1896	9301607
Heater Hose <i>Turbo</i>	CH2863	4221703
ByPass Hose <i>Turbo</i>	CH4686	9330515



## 900 4CYL 2.0 LITRE SOHC 1981-88

Top Hose- <i>Rear Less A/C</i>	CH2353	9332800/7543259
Top Hose <i>with A/C</i>	CH2355	9324583/7540420
Top Hose <i>With A/C 1981-83</i>	CH2352	9332810
Bottom Hose- <i>Front Auto Trans Chassis D1002778 to D2009798</i>	CH2354	9323536
Bottom Hose <i>Rear Auto trans Chassis D1002778 to D2009798</i>	CH2356	9223544
Bottom Hose <i>Auto trans</i>	CH1900	9363615
Bottom Hose <i>Man Trans</i>	CH1899	9324591
Bottom Hose <i>Front</i>	CH2674	7511090
Heater Hose <i>Left Side</i>	CH2403	7545544
Heater Hose <i>Right Hand Side</i>	CH2364	9324609
Heater Hose <i>Right Side</i>	CH2402	7504624
Hose Connector to expansion tank	CH2357	93489382

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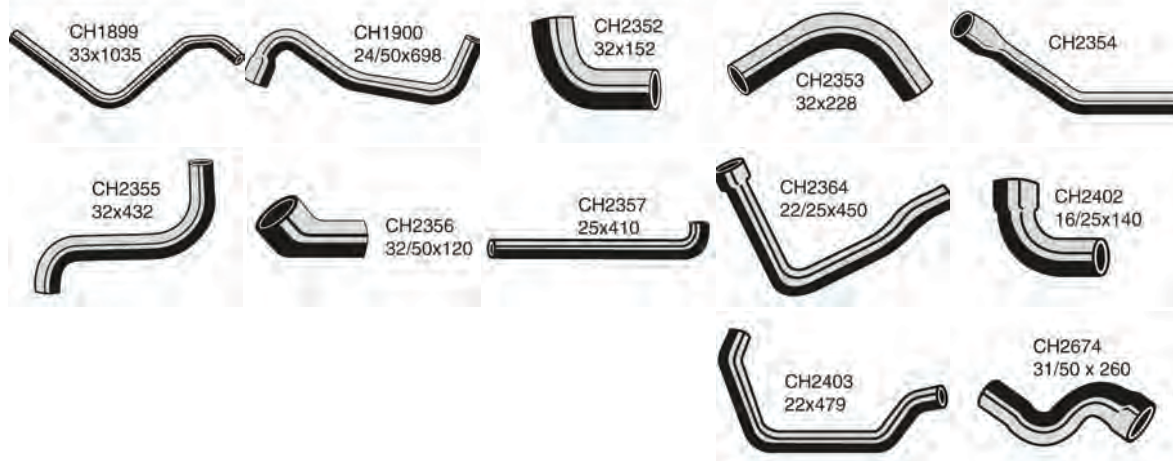
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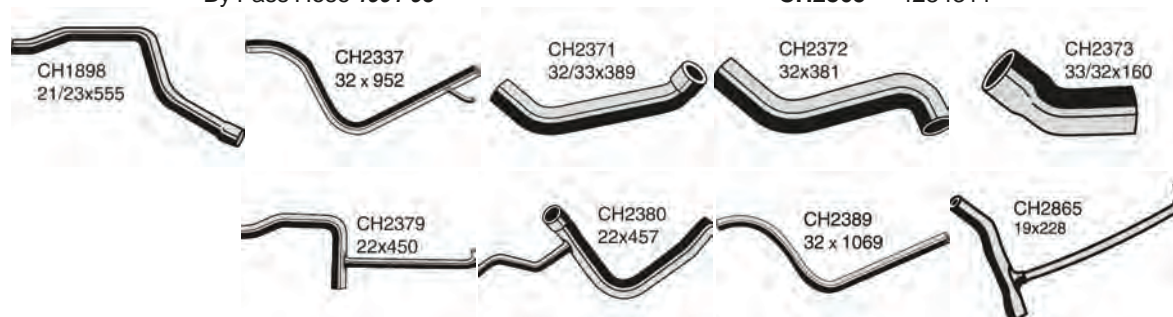
Make Model	Description	Mackay #	O.E.M #
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## 900 4CYL 2.0 LITRE SOHC 1981-88



## 900 4CYL 2.0 LITRE DOHC 1985-88

Top Hose Front	CH2372	7546179
Top Hose Rear 1985	CH2371	9369943
Top Hose Rear 1986-91	CH2373	7546161
Bottom Hose Man Trans	CH2389	7512817
Bottom Hose Man Trans 1988-93	CH2337	7548837
Heater Hose-Heater to Water Pump	CH2379	7513435
Heater Hose-Heater to Water Pump Turbo	CH2380	7541527
Heater Hose	CH1898	9324666
By Pass Hose 1991-93	CH2865	4284311



## 900-900TURBO B202, B212 ENGINE 1990-93

Top Hose	CH4844	9369950
Heater Hose	CH4393	4121695
Expansion Tank Hose radiator to tank	CH4364	4029153
Turbo Cooling Hose	CH4843	7829911



## 900 / 9-3 2.0 LITRE TURBO 1994-ON

Top Hose	CH3884	4964789
Return Hose	CH3880	9149071



## 900 2.1 LITRE 16VALVE 1985-94

Bottom Hose	CH2640	4876215
Heater Hose	CH2860	4121703

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SAAB

Make Model	Description	Mackay #	O.E.M #
<b>900 2.1 LITRE 16 VALVE 1985-94</b>			

**900 (B234) 1994-98**

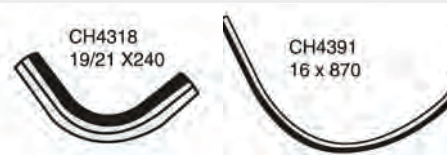
Top Hose	CH2641	4876207
Bottom Hose	CH2868	4284436
Lower Radiator Hose from Pump	CH2867	9178849
Heater Hose <i>Assembly inlet/outlet</i>	CH2861	7876223,4961074

**900 V6 1994-97**

Top Hose	CH2677	4876280
Bottom Hose	CH2541	4876298
Heater Hose	CH3887	487630

**900 / 900S 2.0 LITRE B202, B212 ENGINES 1986-98**

Heater Hose <i>bypass valve to engine</i>	CH4318	4284303
Power Steering Hose <i>Pump to Reservoir</i>	CH4391	9103201

**9000 TURBO CD 1985-98**

Thermostat By Pass Hose	CH2175	7520018
Heater Hose	CH2860	4121703

**9000 1983-98**

Top Hose 1983-98	CH2383	7551187
Top Hose 1995-98	CH3888	4876363
Top Hose V6 1994-96	CH2866	4876389
Bottom Hose 1983-98	CH2382	9383688
Bottom Hose 1983-98	CH2384	9383670
Bottom Hose 1986-on	CH2332	7576663
Bottom Hose 1994-95	CH3889	4876645
Expansion tank to connector 1986-91	CH2423	7576671
Expansion Tank hose 1992-98	CH2675	4876611
Heater Hose Pre 91	CH2422	7554025
Heater Hose Pre 91	CH2419	7554033
Heater hose 1986-94	CH2246	7554017
Heater Hose 2.3 Litre Turbo 1995-98	CH2787	4876371
Heater Hose 2.3 Litre 1992-98	CH2862	4876397
Heater Hose 2.3 Litre 1992-98	CH2859	4876405
Heater Hose 1994-97	CH2247	4120366
Heater Hose 1994-95	CH2421	4286635
Heater Hose 1994-95	CH2420	428619

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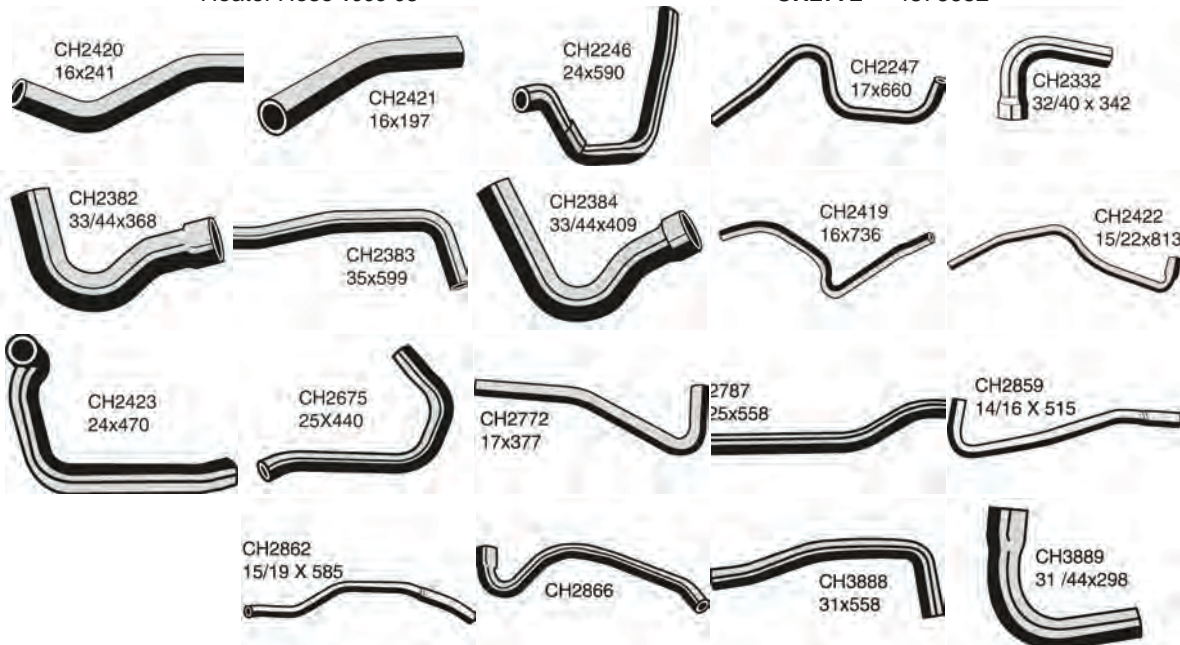
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Make Model	Description	Mackay #	O.E.M #
<b>9000 1983-98</b>			

Heater Hose 1995-98

CH2772 4876652



SAAB

## SCION

**TC 2.4 LITRE 2AZFE ENGINE 2005-07**

Bottom Hose

CH4877 1657228040



SCION

## SEAT

**CORDOBA / IBIZA II 1.6, 1.8, 1.9, 2.0 LITRE PETROL & DIESEL 5/1991-12/2002**

Bottom Hose

CH3973 1H0121051B

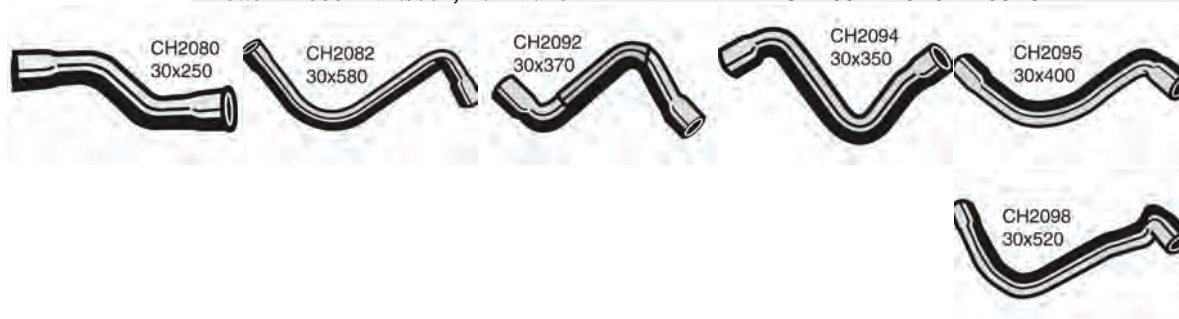


SEAT

**CORDOBA 1.8 LITRE 1995-ON**

Top Hose *with a/con*  
Top Hose *Man. trans.*  
Top Hose *Auto trans*  
Bottom Hose *Man. trans.; less a/con*  
Bottom Hose *Auto trans*  
Bottom Hose *with a/con; Man. trans.*

CH2082 6K0121101B  
CH2095 6K0121101A  
CH2098 6K121101D  
CH2080 6K0121051A  
CH2092 6K0121051E  
CH2094 6K0121051C



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Make Model	Description	Mackay #	O.E.M #
<b>IBIZA 1.4 LITRE LESS GTI 1995-ON</b>			
	Top Hose	CH2081	6K0121101
	Bottom Hose	CH2097	6K0121051



<b>IBIZA GTI 2.0 LITRE 1995-ON</b>			
	Top Hose	CH2082	6K0121101B
	Bottom Hose	CH2094	6K0121051C



<b>TOLEDO 2.0 LITRE</b>			
	Bottom Hose <i>less a/con</i>	CH2093	19112105P
	Bottom Hose <i>with a/con</i>	CH2108	1L0121051C



## SUBARU

## SUBARU

<b>1400.1600 1.4 &amp; 1.6 LITRE 1975-80</b>			
	Top Hose 1975-76	CH1317	645077700
	Bottom Hose <i>With Out EEC</i> 1975-76	CH1318	645077451
	Top Hose 1977-80	CH1319	645077720
	Bottom Hose 1977-80	CH1320	645077731



<b>BRUMBY AU5 1.8 LITRE EA81 ENGINE 1982-94</b>			
	Top Hose	CH1321	745161040
	Bottom Hose	CH1322	745161000
	Heater Hose <i>Outlet</i>	CH5316	772006010
	Heater Hose <i>Inlet</i>	CH5315	772006000
	ByPass Hose <i>manifold lower</i>	CH5314	807615072
	ByPass Hose <i>water pump to pipe</i>	CH5311	807615021
	ByPass Hose <i>from pipe</i>	CH5313	807615012
	ByPass Hose <i>manifold valve</i>	CH5312	807606062



<b>FORESTER 2.0 LITRE AWD OHC EJ20 , EJ20E, EJ20J ENGINES 1997-2002</b>			
	Top Hose	CH2480	45167FC000
	Bottom Hose	CH2496	45169FC000,X4511FC060
	Heater Inlet	CH3204	72015AA020
	Heater Outlet ( <i>Auto Trans</i> )	CH3206	72015AA030

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Make Model	Description	Mackay #	O.E.M #
<b>FORESTER 2.0 LITRE AWD OHC EJ20 , EJ20E, EJ20J ENGINES 1997-2002</b>			
	Heater Outlet (Manual Trans)	CH3205	72015AA090



## FORESTER 2.5 LITRE EJ25

Top Hose 2000-6/02	CH4870	45167FC030
Top Hose 2004-2007	CH4869	45161SA000



## FORESTER 2.5 LITRE EJ25 06/02-

Top Hose 02-08	CH4172	45161SA010
Bottom Hose 02-08	CH4173	X4511FC040
Heater Hose Outlet 2005-07	CH4177	72421SA043A
Heater Hose Outlet 2005-07	CH4178	72421SA043B
Heater Hose Outlet (E) 02-05	CH4175	72421SA020
Heater Hose Outlet (H) 02-05	CH4176	72421SA010
Heater Hose Inlet	CH4174	72411SA000
ByPass Hose pre heater 02-05	CH5431	21204AA162
ByPass Hose pre heater 06-10	CH5430	21204AA850



## FORESTER 2.5 LITRE EJ25 GT TURBO

Top Hose	CH4172	45161SA010
Bottom Hose	CH4173	X4511FC040
ByPass Hose Water Pump	CH3202	807612011
ByPass water pump lower	CH4159	807615182
ByPass Hose	CH4158	99078AA073
By Pass Hose Water No 1	CH3660	807607241
Heater Hose Inlet	CH4157	72411FE023
Heater Hose Outlet	CH4163	72421FE003



## IMPREZA 4 Cyl 1.6, 1.8, 2.0 LITRE 1993-97

Top Hose	CH3200	45167FA00
Bottom Hose	CH3201	45169FA00
Heater Inlet	CH3204	7215AA020
Water Pump By Pass Hose	CH3202	807612011
Heater Outlet	CH3206	72015AA030
By Pass Hose Pipe 1 to Water Man(SOHC)	CH3207	807907392

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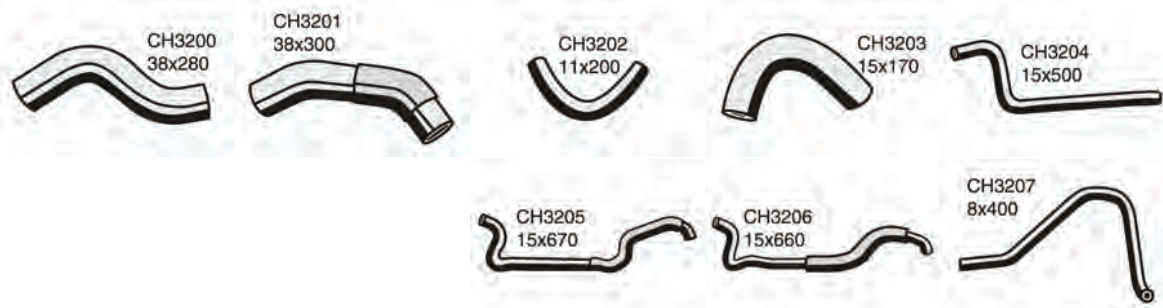
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SUBARU

Make Model	Description	Mackay #	O.E.M #
<b>IMPREZA 4 Cyl 1.6, 1.8, 2.0 Litre 1993-97</b>			
	By Pass Hose <i>Water pump to pipe 1 (SOHC)</i>	CH3203	807615081
	Heater Hose Engine to Heater <i>Manual Trans</i>	CH3205	72015AA090



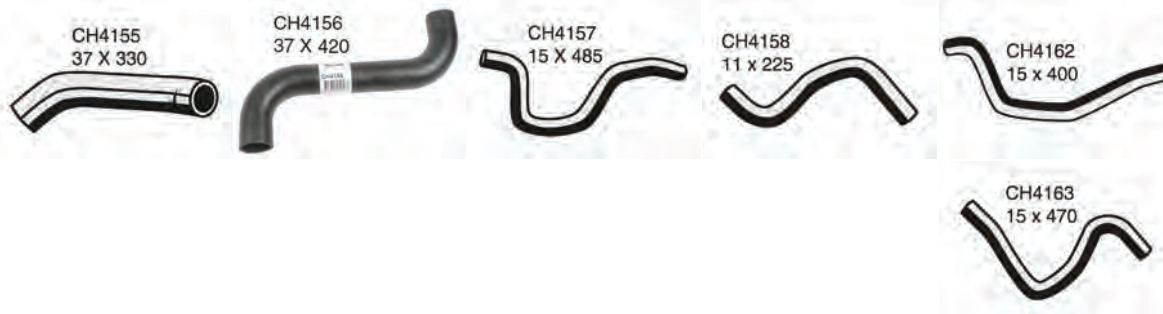
## IMPREZA 4 Cyl 2.0 Litre 1998-00

Top Hose	CH2196	45167AA020
Bottom Hose	CH2191	45167AA030
Heater Hose <i>Inlet</i>	CH3204	7215AA020
Heater Hose <i>inner</i>	CH3656	72411FA001
ByPass Hose <i>Water Pump</i>	CH3202	807612011
ByPass Hose <i>Water Hose No 1</i>	CH3660	807607241
ByPass Hose <i>Water No 2</i>	CH3655	21144AA010
ByPass Hose <i>water pump lower</i>	CH4159	807615182



## IMPREZA 2.0 Litre EJ20 ENGINE 2000-06

Top Hose <i>2002-07</i>	CH4156	45161FE050
Bottom Hose	CH4155	45161AE020
ByPass Hose	CH4158	99078AA073
Heater Hose <i>Inlet 2005-06</i>	CH4157	72411FE023
Heater Hose <i>Inlet 2000-05</i>	CH4162	72411FE001
Heater Hose <i>Outlet</i>	CH4163	72421FE003



## IMPREZA RS 2.5 Litre EJ251 1999-2000

Top Hose	CH4871	45167FA020
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## IMPREZA RS 2.5 Litre EJ251 ENGINE 2001

Top Hose	CH4872	45161FE000
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Make Model	Description	Mackay #	O.E.M #
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## IMPREZA RS 2.5 LITRE EJ251 ENGINE 2001



## IMPREZA WRX DOHC TURBO 1996-98

Top Hose	CH2482	45167FC020
Bottom Hose	CH2496	45169FC000,X4511FC060



## IMPREZA WRX 2.0 LITRE TURBO 1998-00

Top Hose	CH2196	45167AA020
Bottom Hose	CH2191	45167AA030
Heater Hose <i>Inlet</i>	CH3204	7215AA020
Heater Hose <i>Inlet</i>	CH3656	72411FA001
By Pass Hose <i>Water Pump</i>	CH3202	807612011
By Pass Hose <i>Water No 1</i>	CH3660	807607241
By Pass Hose <i>Water No 2</i>	CH3655	21144AA010
ByPass Hose <i>water pump lower</i>	CH4159	807615182



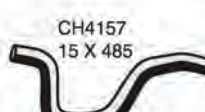
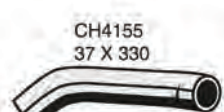
## IMPREZA WRX 2.0 LITRE EJ20 TURBO ENGINE 2000-06

Top Hose	CH4156	45161FE050
Bottom Hose	CH4155	45161AE020
ByPass Hose	CH4158	99078AA073
Heater Hose <i>Inlet 2005-06</i>	CH4157	72411FE023
Heater Hose <i>Inlet 2000-05</i>	CH4162	72411FE001
Heater Hose <i>Outlet</i>	CH4163	72421FE003



## IMPREZA WRX 2.5 LITRE EJ257 TURBO 2005-2007

Top Hose	CH4156	45161FE050
Bottom Hose	CH4155	45161AE020
ByPass Hose	CH4159	807615182
ByPass Hose	CH3202	807612011
Heater Hose <i>Inlet</i>	CH4157	72411FE023
Heater Hose <i>Outlet</i>	CH4163	72421FE003



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Make Model	Description	Mackay #	O.E.M #
<b>IMPREZA WRX 2.5 LITRE EJ257 TURBO 2005-2007</b>			



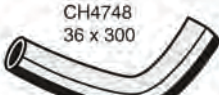
## IMPREZA WRX MY08 2.5 LITRE EJ25 TURBO ENGINE 2007-ON

Top Hose	CH4749	45161AG000
Bottom Hose	CH4748	45161AG010
Heater Hose <i>outlet</i>	CH4747	72421AG050
Heater Hose <i>inlet</i>	CH4745	72411AG001
ByPass Hose	CH4751	14472AA040
ByPass Hose	CH4750	14472AA050
Transmission Hose <i>PCV</i>	CH4746	11815AB720



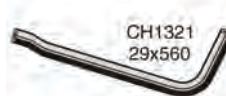
## IMPREZA G3 SERIES 2.0 LITRE EJ204 ENGINE 08/07-2013

Top Hose	CH4749	45161AG000
Bottom Hose	CH4748	45161AG010
Heater Hose <i>outlet</i>	CH4747	72421AG050
Heater Hose <i>inlet</i>	CH4745	72411AG001
ByPass Hose <i>water pump Lower</i>	CH4159	807615182
ByPass Hose <i>pre heater</i>	CH5431	21204AA162



## LEONE 1600, 1800 L SERIES 1975-84

Top Hose <i>With Out Power Steering</i>	CH1321	745161040
Bottom Hose <i>Manual Trans</i>	CH1322	745161000



## L SERIES LEONE 1.8 LITRE EA82 1985-94

Top Hose	CH2603	45161GA490
Bottom Hose	CH2604	45161GA500



## LIBERTY / LEGACY 4 CYL 2.0, 2.2 LITRE AND RS TURBO 1989-98

Top Hose	CH2196	45167AA020
Bottom Hose	CH2191	45167AA030

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Make Model	Description	Mackay #	O.E.M #
<b>LIBERTY 4 Cyl 2.0 Litre EJ20 Engine 1989-96</b>			
	Top Hose	CH2196	45167AA020
	Bottom Hose	CH2191	45167AA030



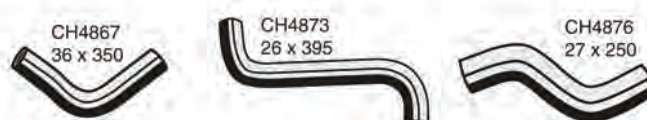
<b>LIBERTY BE, BH 4 Cyl 2.0 Litre EJ201 Engine 03/1999-08/2003</b>			
	Top Hose	CH4490	X4511AE030
	Bottom Hose	CH5318	X4511AE010, 45161AE010
	Heater Hose <i>outlet</i>	CH5320	72421AE020
	Heater Hose <i>inlet</i>	CH5319	72411AC020
	ByPass Hose <i>Water pump to pipe 1</i>	CH3203	807615081
	ByPass <i>Hose inlet manifold</i>	CH5317	807607332



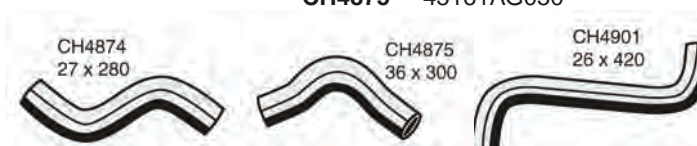
<b>LIBERTY - OUTBACK 2.5 Litre EJ25 10/98-10/03</b>			
	Top Hose 1999-2001	CH3696	45161AE000, X4511AE000
	Top Hose 2002-2003	CH4490	X4511AE030, 45464AE080
	Bottom Hose 1999-2003	CH3695	45161AE010



<b>OUTBACK 3.0 Litre BH SERIES EZ30D ENGINE 10/2000-8/03</b>			
	Top Hose <i>RH Side</i>	CH4873	45151AE050
	Top Hose <i>LH Side</i>	CH4876	45161AE060
	Bottom Hose	CH4867	45161AE070



<b>OUTBACK 3.0 Litre BP SERIES EZ30R ENGINE 10/2003- 8/2009</b>			
	Top Hose <i>RH Side</i>	CH4874	45161AG040
	Top Hose <i>LH Side</i>	CH4901	45161AG030
	Bottom Hose	CH4875	45161AG050



<b>TRIBECA 3.0 Litre EZ30 2006-07</b>			
	Top Hose <i>radiator to centre pipe</i>	CH4858	45161XA00A
	Top Hose <i>Radiator to RH side of pipe(&gt;1/07/07)</i>	CH4864	45161XA01B
	Bottom Hose	CH4868	45161XA02A

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Make Model	Description	Mackay #	O.E.M #
<b>TRIBECA 3.0 Litre EZ30 2006-07</b>			
	ByPass Hose <i>filler neck</i>	CH4859	45161XA04A



## SUZUKI

SUZUKI

<b>BALENO 1590cc 1995-99</b>			
	Top Hose	CH2068	1785260G00
	Bottom Hose	CH2069	1785460G00
	Heater Hose <i>Outlet</i>	CH2953	1787260G01



<b>CARRY VAN ST90 1980-85</b>			
	Top Hose	CH1397	1784179200
	Bottom Hose- <i>Radiator to Joiner</i>	CH1398	1785179100
	Bottom Hose- <i>Joiner to Cylinder Block</i>	CH1399	1785379100



<b>HATCHBACK 3 CYL. ENGINE 1980-85</b>			
	Top Hose	CH1395	1785279000
	Bottom Hose	CH1396	1785478101



<b>IGNIS RG415 1.5 Litre M15A 2002-2006</b>			
	Top Hose	CH5268	1785286G00
	Bottom Hose <i>engine to pipe</i>	CH5270	1785369G00
	Bottom Hose <i>radiator to pipe Manual Trans</i>	CH5269	1785480G00
	ByPass Hose	CH5272	1787369G00
	Heater Hose <i>inlet</i>	CH5273	1787160J00
	Heater Hose <i>outlet pipe to tap</i>	CH5275	1787486G00, 1787463J00
	Heater Hose <i>outlet to heater</i>	CH5274	1787260J00



<b>LIANA RH418 1.8 Litre M18A ENGINE 08/2004-08/2007</b>			
	Bottom Hose	CH5377	1785454G00
	Heater Hose <i>Inlet</i>	CH5378	1787154G00

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Make Model	Description	Mackay #	O.E.M #
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## LIANA RH418 1.8 LITRE M18A ENGINE 08/2004-08/2007



## JIMNY SN413 JB43V 1.3 LITRE M13A 2000-11

Top Hose	CH5457	1784180A00
Bottom Hose <i>Radiator to Pipe</i>	CH5458	1785180A00
Bottom Hose <i>Pipe to Engine</i>	CH5459	1785280A00
Heater Hose <i>Outlet pipe to heater</i>	CH5461	1787280A01
Heater Hose <i>Outlet housing to pipe</i>	CH5462	1787380A00
Heater Hose <i>Inlet</i>	CH5460	1787180A01



## SIERRA

### 1 Litre (4X4) 1981-88

Top Hose	CH1402	1784180000
Bottom Hose	CH1403	1785180000

### 1.3 Litre (4X4) 1985-94

Top Hose	CH1690	174818300
Bottom Hose <i>Radiator to Pipe</i>	CH1691	178528300
Bottom Hose <i>Pipe to Engine</i>	CH1692	178518300



## SWIFT

### RS415 1.5 Litre M15A Engine 2004-07

Top Hose	CH5029	1785263J00
Bottom Hose	CH5033	1785463J00
Heater Hose	CH5032	1787263J01
Heater Hose	CH5030	1787163J00



### SA Hatchback 1.3 Litre 1985-87

Top Hose	CH1507	1785282601
Bottom Hose	CH1508	1785482602
Heater Hose - Heater Inlet	CH1656	1787182601
Heater Hose - Heater Outlet	CH1657	1787282600



### SF G10A 993cc 1988-94

Top Hose	CH2070	1785260B00
Bottom Hose <i>manual trans</i>	CH5328	1785460B01
Bottom Hose <i>Auto Trans</i>	CH5329	1785460B12
Heater Hose <i>outlet</i>	CH5331	1787260B21
Heater Hose <i>Inlet</i>	CH5330	1787160B01

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**SUZUKI**

Make Model	Description	Mackay #	O.E.M #
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## SWIFT



## SF G13B 1.3 Litre 1989-94

Top Hose	CH1739	1785263B00
Top Hose <i>GTI only</i>	CH2071	1785264B00
Bottom Hose <i>Rad to Water Intake Pipe M/Trans.</i>	CH1740	1785463B00
Bottom Hose <i>Water Intake Pipe Connector M/Trans.</i>	CH1741	1785563B00
Bottom Hose <i>Rad to Intake Pipe Type 1 Auto</i>	CH1742	1785463B10
Bottom Hose <i>Radiator to Intake Pipe Type 2 Auto</i>	CH2074	1785463E00
Bottom Hose- <i>Water Intake Pipe Connector Auto</i>	CH1743	1785563B20



## SF G16B 1.6 Litre 1989-95

Top Hose	CH2071	1785264B00
Bottom Hose <i>cut to size for some applications 1989-91</i>	CH3024	1785471C01
Bottom Hose <i>Radiator to Pipe 1991-95</i>	CH4205	1785475C00
Bottom Hose <i>Pipe to Engine 1991-95</i>	CH1692	178518300
Heater Hose Outlet <i>1989-91</i>	CH2952	1787267E01
Heater Hose Outlet <i>1991-95</i>	CH4202	1787271C14
Heater Hose Inlet	CH3025	1787171C21



## SX4 RW420 2.0 LITRE J20A 2006-01/2010

Top Hose	CH5351	1785280J00
Bottom Hose	CH5352	1875480J00
Heater Hose <i>Inlet</i>	CH5353	1787180J01
Heater Hose <i>Outlet</i>	CH5354	1787280J01



## VITARA JU,JX,JLX (4 cyl) Carbrettor 1.6 Litre 1988-95

Top Hose	CH2137	1784160A00
Top Hose <i>from VIN JSAET001V0015779</i>	CH2134	1784158B10
Bottom Hose	CH2135	1785160A00
Bottom Hose <i>Outlet pipe to inlet pipe</i>	CH2133	1785260A00



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Make Model	Description	Mackay #	O.E.M #
<b>VITARA JU,JX,JLX (4 cyl) E.F.I 1.6 Litre 1988-95</b>			
	Top Hose	CH2137	1784160A00
	Top Hose <i>from VIN JSAET001V0015779</i>	CH2134	1784158B10
	Bottom Hose	CH2136	1785183101
	Bottom Hose <i>Outlet pipe to inlet pipe</i>	CH2133	1785260A00



## VITARA V6 H20A ENGINE 1995-ON

Top Hose	CH3870	1784177E00
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## VITARA (4 CYL) E.F.I 1.6 LITRE 1996-ON

Top Hose	CH2137	1784160A00
Bottom Hose <i>3 Door Model</i>	CH2135	1785160A00
Bottom Hose <i>5 Door Model</i>	CH2136	1785183101



## VITARA GRAND SQ416 1.6 LITRE G16B 1998-2005

Top Hose	CH5456	1784166D00
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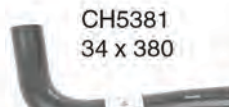
## VITARA GRAND SQ420 2.0 LITRE J20A ENGINE 1998-2005

Bottom Hose	CH5396	1785177EA0
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## VITARA GRAND SQ625 2.5 LITRE H25A ENGINE 1998-08/2005

Top Hose	CH3870	1784177E00
Bottom Hose	CH5381	1785167D01
Heater Hose <i>Outlet 1998-2003</i>	CH5382	1787267D00
Heater Hose <i>Outlet 2003-05</i>	CH5383	1787267D20



## VITARA GRAND JB627 2.7 LITRE H27A V6 09/05-7/08

Top Hose	CH5379	1784166J00
Bottom Hose	CH5380	1785166J00
Heater Hose <i>Inlet</i>	CH5415	1787166J00
Heater Hose <i>Outlet</i>	CH5416	1787266J00



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Make Model Description

Mackay #

O.E.M #

**TOYOTA****AVALON 3.0 LITRE V6 1997-01 (LEFT HAND DRIVE)**

Top Hose	CH3718	165710A040
Bottom Hose	CH4903	1657220040

CH3718  
32 x 480CH4903  
32 x 680**AVALON MCX10R 3.0 LITRE V6 2000-ON**

Top Hose	CH2220	1657120020
Bottom Hose	CH2231	1657220020
Heater Hose <i>Inlet</i>	CH2217	87245YC130
Heater Hose <i>Outlet</i>	CH2218	87245YC140
ByPass Hose <i>No1 water outlet</i>	CH2262	1626120010
ByPass Hose <i>No3 water intake to manifold</i>	CH2223	1626720010
ByPass Hose <i>No3 Water Throttle Body</i>	CH2224	1626420010
Heater Hose <i>Inlet</i>	CH2992	87245YC160

CH2217  
16x670CH2218  
16x630CH2220  
33x570CH2223  
8x280CH2224  
8x180CH2231  
33x700CH2262  
24x316CH2992  
16x160**AVALON MCX20 3.0 LITRE 1MZFE ENGINE 8/1999-1/2000**

Bottom Hose	CH3945	165720A040
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CH3945  
33 x 660**AVALON TOURING 3.5 LITRE 2GRFE ENGINE 2005-07**

Top Hose	CH4860	16571AD010
Bottom Hose	CH5158	16572AD012

CH4860  
32 x 395CH5158  
32 x 610**AVENSIS ACM20R 2.0 LITRE 1AZFE ENGINE 12/01-11/03**

Top Hose	CH5108	1657128120
ByPass Hose	CH4124	1628128010

CH4124  
13 x 210CH5108  
34 x 355**AVENSIS ACM21 2.0 LITRE 2AZFE ENGINE 03-2007**

Top Hose	CH5108	1657128120
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CH5108  
34 x 355

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Make Model	Description	Mackay #	O.E.M #
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## AURION GSV40R 3.5 LITRE 2GR-FE ENGINE 2006-ON

Top Hose	CH4471	165710P080
Bottom Hose	CH4472	165720P080
Heater Hose <i>Inlet</i>	CH4473	8724533480
Heater Hose <i>Outlet</i>	CH4474	8724533490



## AURION GSV40R 3.5 LITRE 2GR-FE ENGINE 2008-ON

Top Hose	CH4694	165710H110
Bottom Hose	CH4695	165720H100



## 4 RUNNER

### 2.2 Litre 4Y Engine PETROL 1984-90

Top Hose	CH1938	1657171030
Bottom Hose	CH2161	1657271031



### 2.4 Litre (2L Diesel) 1984-89

Top Hose	CH1757	1657154130
Bottom Hose	CH1940	1657254120



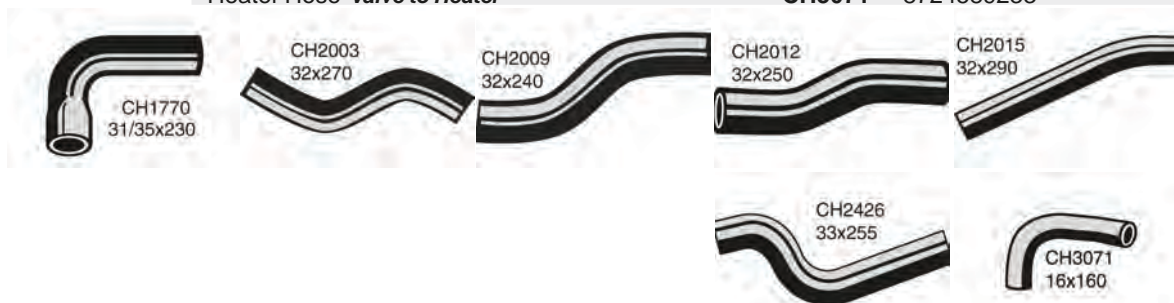
### 2.8 Litre 3L Diesel 1989-96

Top Hose	CH2014	1657154270
Bottom Hose	CH2006	1657254260
Bottom Hose- <i>Pipe to Engine with P/ Steering</i>	CH2010	1657254270
Bottom Hose- <i>Radiator to Pipe with P/ Steering</i>	CH2011	1657354081



### 2.4 Litre 22R 1989-96

Top Hose <i>W/Cab</i>	CH2015	1657135070A
Bottom Hose <i>Manual transmission 8/88-8/91</i>	CH2426	1657235030
Bottom Hose <i>Automatic transmission to 8/91</i>	CH2012	1657235060
Bottom Hose <i>Manual transmission 8/91-94</i>	CH2003	1657235120
Bottom Hose <i>Automatic transmission 8/91 on</i>	CH2009	1657235140
Heater Hose <i>Pipe 1 to Engine w/Cab</i>	CH1770	1657338020
Heater Hose <i>Valve to Heater</i>	CH3071	8724589233



### VZN130 3.0 Litre PETROL 1990-94

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TOYOTA

Make Model	Description	Mackay #	O.E.M #
<b>4 RUNNER</b>			
	Top Hose	CH2146	1657165011
	Bottom Hose	CH2147	1657262010
	ByPass Hose	CH5115	1628265010



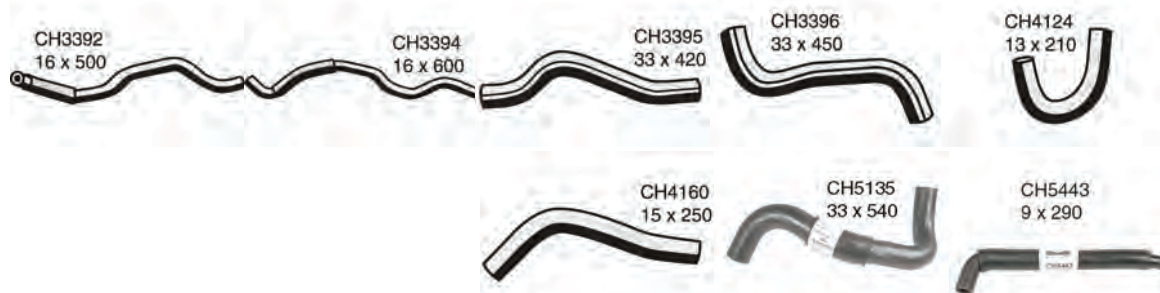
## CAMRY

### ACV36 (2AZFE 2.4 Litre ) 2002-06

Top Hose	CH3395	165710H080
Bottom Hose	CH3396	165720H070
Heater Hose <i>Inlet to 12/05</i>	CH3392	87245YC170
Heater Hose <i>Outlet to 12/05</i>	CH3394	87245YC180
Vent Hose <i>rock cover to inlet manifold</i>	CH4160	1226128140
ByPass Hose <i>PCV Intake Manifold</i>	CH5443	1226228021
ByPass Hose <i>Oil cooler(coolant Hose)</i>	CH4124	1628128010

### ACV36 (30 Series) Japan & USA produced vehicles 11/02-07/06

Bottom Hose	CH5135	165720H090
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### ACV40R 2.4 Litre 2AZFE 2006-2013

Top Hose	CH4694	165710H110
Bottom Hose	CH4695	165720H100
ByPass Hose <i>Oil cooler(coolant Hose)</i>	CH4124	1628128010
ByPass Hose <i>PCV Hose crank case ventilation</i>	CH5443	1226228021



### AHV40R Hybrid 2.4 Litre 2AZFEH14 01/10-2/2012

Bottom Hose	CH4695	165720H100
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### LE, SE, XLE 1MZFE, 3MZFE Engines 2003-2006 (USA Applications)

Bottom Hose	CH5152	16572AA030
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### SV11, 2.0 Litre (2S Engine) (IMPORTED) 1983-87

Top Hose	CH1750	1657163020
Bottom Hose	CH1751	1657263020



### SV20, 1.8 Litre 1987-89

Top Hose	CH1618	1657163060A
Bottom Hose	CH1620	1657232020A

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Make Model	Description	Mackay #	O.E.M #
<b>CAMRY</b>			
	ByPass Hose	CH1616	1626163010A
	ByPass Hose <i>Throttle Body to Engine</i>	CH2758	1626463030
	ByPass Hose <i>Engine to Throttle Body</i>	CH2759	1626763020
	Heater Hose <i>Inlet Valve to Heater</i>	CH1617	8724532010A
	Heater Hose <i>Heater to Engine straight hose cut to Length</i>	HH1592	9955630500



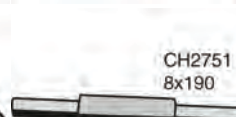
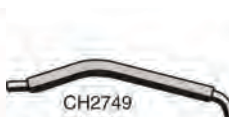
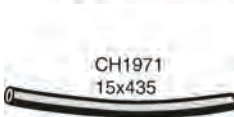
## SV21, 2.0 Litre 1987-6/89

Top Hose	CH1619	1657132020A
Bottom Hose	CH1620	1657203010, 32020A
Heater Hose - <i>Inlet Valve to Heater</i>	CH1617	8724532010A
Heater Hose - <i>Outlet Heater to Engine</i>	CH1615	8724532110A
ByPass Hose	CH1621	1626174010
ByPass Hose <i>Engine to Throttle body Cut to Length</i>	HH82	9955610300
Radiator to Reservoir <i>Cut to Length</i>	OFH801	9044512078



## SV21, SV22 2.0 Litre 7/89-2/93

Top Hose	CH1736	1657103010
Bottom Hose	CH1620	1657203010
Heater Hose <i>Inlet to Valve less EFI</i>	CH1970	87245YB030
Heater Hose <i>Inlet to Valve with EFI</i>	CH1971	87245YB050
Heater Hose <i>Inlet Type E</i>	CH1972	87245YB010
Heater Hose <i>Outlet</i>	CH1615	87245YB020
ByPass Hose (SV21, E.F.E. Only)	CH1621	1626174010
ByPass Hose <i>Throttle Body to Engine SV21, E.F.I.</i>	CH2763	1628274050
ByPass Hose <i>Engine to Throttle Body SV21, E.F.I.</i>	CH2762	1628374010
ByPass Hose <i>Pipe - 4 to Housing SV22</i>	CH2749	1628174020
ByPass Hose <i>Pipe 1 to Engine SV22</i>	CH2750	1626174040
ByPass Hose <i>Pipe 2 to Pipe 3 SV22</i>	CH2751	1628274040
ByPass Hose <i>Pipe 3 to Engine SV22</i>	CH2752	1626774050
ByPass Hose <i>Engine to Pipe 4 SV22</i>	CH2752	1626774050
ByPass SV22	CH2753	1626474040



## SV32, 33 1.8 Litre 4S-FE Engine 7/90-94 NZ & Export

Bottom Hose 7/90-6/92	CH3006	1657274150
<b>2.0 Litre 3S-GELI Engine 1990-on NZ and imported models</b>		
Top Hose	CH3005	1657174160
Bottom Hose 7/90-6/92	CH3006	1657274150

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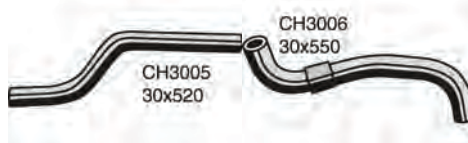
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TOYOTA

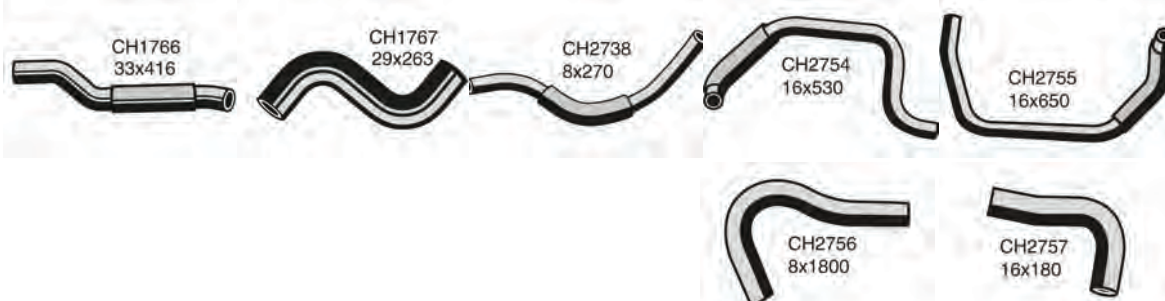
Make	Model	Description	Mackay #	O.E.M #
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**CAMRY****SDV10 4 cyl. 2/93-95**

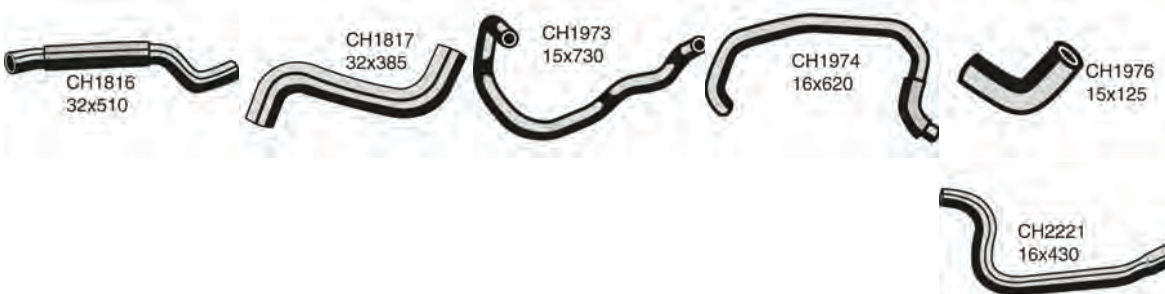
Top Hose	CH1804	1657174190
Bottom Hose	CH1805	1657274180, 1657274181
Heater Hose <b>Outlet</b>	CH1975	87245YC010
Heater Hose <b>Tap To Heater hose only</b>	CH1976	87250YC010
Heater Hose <b>Inlet to Valve</b>	CH1978	87245YC020

**VZV21 V6 2.5 Litre 8/88-2/93**

Top Hose	CH1766	1657162010
Bottom Hose	CH1767	1657262010
Heater Hose <b>Heater to Engine</b>	CH2754	8724532180
Heater Hose <b>Water valve to Heater</b>	CH2755	8724532170
Heater Hose <b>Engine to Water Valve</b>	CH2757	8724532150
Heater Hose <b>Water Outlet to Pipe1 cut to Length</b>	ZHB8	1626162010
ByPass Hose <b>Water Pipe 1 to Engine</b>	CH2738	1626742010
ByPass Hose <b>Pipe 1 to Pipe 2</b>	CH2756	1628162010
Reservoir Overflow	ZHB6	8533874040

**VDV10 V6 3.0 Litre 2/93-ON**

Top Hose	CH1816	1657107020
Bottom Hose	CH1817	1657207020
Heater Hose Inlet to Valve	CH1973	87245YC040
Heater Hose Outlet	CH1974	87245YC030
Heater Hose Tap To Heater <b>hose only</b>	CH1976	87250YC010
Heater Hose Inlet <b>Left hand drive</b>	CH2221	87245YC060
Hose Pack: <b>contains: CH1816, CH1817, CH1973, CH1974, CH1976</b>	CHVP12	

**SXV10 4 cyl. 2.2L 95-ON**

Top Hose	CH2451	1657103040
Bottom Hose	CH2450	1657203040
Heater Hose <b>Outlet</b>	CH1975	87245YC010
Heater Hose <b>Tap To Heater hose only</b>	CH1976	87250YC010
Heater Hose Inlet to Valve	CH1978	87245YC020
ByPass Hose <b>Water outlet</b>	CH2222	1626174100

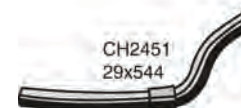


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Make Model	Description	Mackay #	O.E.M #
<b>CAMRY</b>			



## SXV20R 4 Cyl (5SFE 2.2 Litre) 7/97-1999

Top Hose	CH2230	1657174360, 1657103070
Bottom Hose	CH2228	1657274290
Heater Hose <i>Tap To Heater hose only</i>	CH1976	87250YC010
Heater Hose <i>to Tap</i>	CH2563	87245YC090
Heater Hose <i>Inlet Left hand drive</i>	CH2221	87245YC060
Heater Hose <i>Outlet</i>	CH2560	87245YC100
ByPass Hose <i>Water outlet</i>	CH2222	1626174100
ByPass Hose <i>No3 Water pipe Hose</i>	CH2234	1626774081
ByPass Hose <i>No2 Water Pipe Hose</i>	CH2235	1626474101
Vent Hose <i>PCV valve to R/cover</i>	CH4431	1226274100



## SXV20 V6 (1MZ 3.0 Litre V6) 1997-2002

Top Hose	CH2220	1657120020
Bottom Hose	CH2231	1657220020
Heater Hose Inlet	CH2217	87245YC130
Heater Hose Outlet	CH2218	87245YC140
ByPass No1 water outlet	CH2262	1626120010
ByPass No3 water intake to manifold	CH2223	1626720010
ByPass No3 Water Throttle Body	CH2224	1626420010
Heater Hose Inlet	CH2992	87245YC160

## MCV20 V6 (1MZ 3.0 Litre) 9/97-2000

Top Hose	CH2220	1657120020
Bottom Hose	CH2231	1657220020
Heater Hose Inlet	CH2217	87245YC130
Heater Hose Outlet	CH2218	87245YC140
ByPass No1 water outlet	CH2262	1626120010
ByPass No3 water intake to manifold	CH2223	1626720010
ByPass No3 Water Throttle Body	CH2224	1626420010
Heater Hose Inlet	CH2992	87245YC160



## MCV36 ( 1MZ 3.0 Litre) 2002-ON

Top Hose	CH3391	165710A060
Bottom Hose	CH3393	165720A060
Heater Hose No 1	CH3387	87245YC190
Heater Hose No 2	CH3389	87245YC200



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Make Model	Description	Mackay #	O.E.M #
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**CAMRY LE,SE,XLE 1MZFE, 3MZFE (JAPAN PRODUCTION) 2003-06**

Bottom Hose	CH4847	1657220110
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**CAMRY HYBRID 2.4 LITRE 2AZXFE ENGINE 2007- USA ONLY**

Top Hose	CH4915	1657128270
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**CARINA AT190 1992-96 EXPORT**

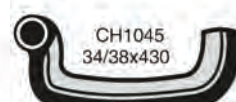
Top Hose	CH4388	1657116210
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**CAVALIER 2.4 LITRE 1995-90**

Top Hose	CH3864	SA22632700
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**CELICA****TA22 2T Eng 1972-75**

Top Hose	CH1044	9091601101
Bottom Hose	CH1045	1657125011

**RA23 18R Engine 1976-77**

Top Hose	CH1008	1657136010
Bottom Hose	CH1009	1657234041

**RA40 18R Engine 1977-81**

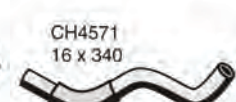
Bottom Hose	CH1009	1657234041
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**RA60 2.0 Litre 1981-85**

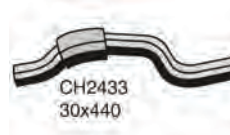
ByPass Hose	CH3499	1626135040
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**RA65 2.4 Litre 22R 1984-86**

Heater Hose (A)	CH4571	8724514860
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**ST16 2.2 Litre 3SFE,3SGELC 8 & 16 Valve Eng 1985-98**

Top Hose 8/85-8/87	CH2433	1657174030
Top Hose 8/87-8/98	CH2434	1657174090
Bottom Hose	CH2438	1657274030
ByPass Hose	CH1621	1626174010
ByPass Hose	CH2437	1626188360



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Make Model	Description	Mackay #	O.E.M #
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## CELICA

### ST184 5SFE Engine 10/89-11/93

Top Hose 10/89-8/91	CH3485	1657174210
Top Hose 9/91-11/93	CH3209	1657174120
Bottom Hose	CH3208	1657274100
ByPass Hose No1	CH1621	1626174010
Heater Hose Outlet to 8/91	CH3482	872452B570
Heater Hose Inlet A	CH3483	872452B450
Heater Hose Valve to Inlet	CH3484	872452B510



### ST202 & ST203 4 Cyl 2.0Litre (3S-FE) DOHC 8/89-8/91 NZ & Export

Top Hose	CH3209	1657174120
Bottom Hose	CH3208	1657274100



### ST204R 2.Litre 1997-98

Top Hose	CH2227	1657174340
Bottom Hose	CH2232	1657274230
Water ByPass	CH2225	1626474010

### ST204R 2.2 Litre 11-93-8/95

Top Hose	CH2233	1657174280
Bottom Hose	CH2232	1657274230
ByPass Hose No1	CH1621	1626174010
Heater Hose Valve to Inlet	CH3484	872452B510
Heater Hose Outlet	CH4505	872452D270
Heater Hose Inlet	CH4506	872452D260
Water ByPass outlet	CH2222	1626174100

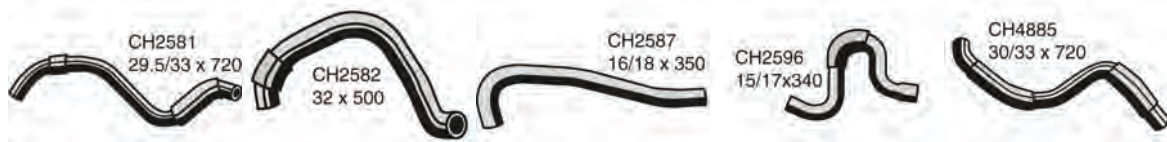


### SX ZT231R 1.8 Litre 2ZZGE engine 2000-2005

Top Hose	CH4885	1657122080
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### ZR ZT231R 2000 - 2005

Top Hose	CH2581	1657122050
Bottom Hose	CH2582	1657222020
Heater Hose Inlet	CH2587	872452D570
Heater Hose Outlet	CH2596	872452D580



## CHASER 2LTE ENGINE 1996-ON

Top Hose	CH4099	1657154360
Bottom Hose	CH4100	1657254400

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TOYOTA

Make Model	Description	Mackay #	O.E.M #
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**CHASER 2LTE ENGINE 1996-ON****COASTER BB20 3B ENGINE 1982-1987**

Top Hose	CH2432	1657158020
Bottom Hose	CH2315	1657258021

**COASTER BB21 10/86-92**

Top Hose	CH2432	1657158020
Bottom Hose	CH2315	1657258021

**COASTER 1993-2001**

Bottom Hose	CH4327	1655317010
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**COASTER 2.7 LITRE 3RZ ENGINE 1994-2000**

Top Hose	CH4332	1657175030
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**COROLLA****1.3 Litre 4K Engine 1980-88 NZ & Export**

Top Hose 8/81-7/87	CH1526	1657213080
Bottom Hose 80-88	CH1527	1657113070

**1.6 Litre 4AFE 16 valve 1995-98 NZ & Export**

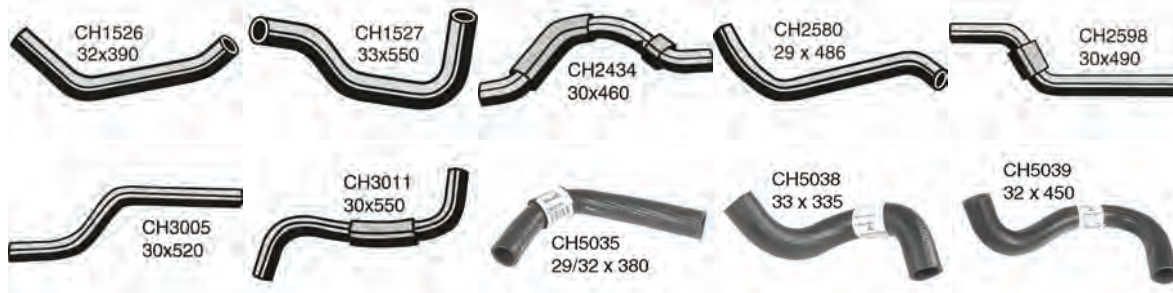
Top Hose	CH3005	1657174160
Bottom Hose	CH3011	1657215210

**1.8 Litre 1ZZ-FE Engine 2008-ON NZ & Export**

Top Hose	CH5035	1657122200
Bottom Hose (radiator to pipe)	CH5039	1657222150
Bottom Hose (pipe to water pump)	CH5038	1657322040

**2.0 Litre (3S-FE) DOHC 1989-93 NZ & Export**

Top Hose (89-92)	CH2434	1657174090
Top Hose (8/92-93)	CH2598	1657174200
Bottom Hose (8/92-93)	CH2580	1657274190






















**KE10,15,16. 1.1 Litre K Engine 1966-69**

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Make Model	Description	Mackay #	O.E.M #
<b>COROLLA</b>			
	Top Hose	CH482	9091601013
	Bottom Hose	CH751	9091601049
	ByPass Hose	CH752	1626122011
  			
<b>KE20, 25 1.2 Litre; 3K Engine 1970-74</b>			
	Top Hose	CH897	9091601095
	Bottom Hose	CH898	9091601094
 			
<b>KE30,35 1.2 Litre; 3K - C Engine 1974-78</b>			
	Top Hose	CH1068	9091601136A
	Bottom Hose	CH1069	9091601135A
	ByPass Hose 1974-8/77	CH2016	87245YA010
	ByPass Hose 9/77-1978	CH1839	1626113010
   			
<b>KE38,55 1.3 Litre; 4K - C Engine 1979-81</b>			
	Top Hose	CH1068	9091601136A
	Bottom Hose	CH1330	1657113030
	ByPass Hose	CH1839	1626113010
  			
<b>KE70,71 1.3 Litre 4K - C Engine 1980-84</b>			
	Top Hose 1980-81 Sedan	CH1415	1657231040
	Top Hose 1982-85 Sedan	CH1338	1657213020C
	Top Hose 1981-83	CH1526	1657213080
	Bottom Hose 1980-81 Sedan	CH1416	1657131050
	Bottom Hose 1982-84 Sedan	CH1339	1657113060C
	Bottom Hose 1981-83	CH1527	1657113070
	ByPass Hose	CH1839	1626113010
<b>AE71 1.6 Litre 4A - C Engine 1983-86</b>			
	Top Hose	CH1528	1657115020
	Bottom Hose	CH1529	1657215080
        			
<b>AE80, 82, 1.3 Litre 2AC, 1.6 Litre 4AC/ALC 1984-89</b>			
	Top Hose	CH1530	1657115100A
	Bottom Hose	CH1531	1657215150A
	Heater Hose Valve to Heater	CH3074	8724512670A
<b>AE82 4AGE engine 1.6 Litre 1/86-12/88</b>			
	Top Hose (Radiator Side)	CH2518	1657316030
	Top Hose (Engine Side)	CH2522	1657116040
	Bottom Hose	CH1531	1657215150A
	Heater Hose Valve to Heater	CH3074	8724512670A
	Heater Hose No 1	CH3468	8724512700A
	Heater Hose No 2	CH3469	872451A110
	ByPass Hose No 3	CH3470	1626102010
	ByPass Hose	CH1749	1626202020
	ByPass Hose 1 Cut to Length	HH82	1626716010

















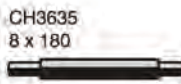





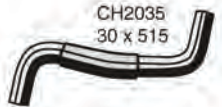




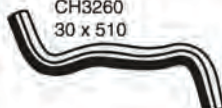

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TOYOTA

Make Model	Description	Mackay #	O.E.M #
TOYOTA	<b>COROLLA</b>		
	ByPass Hose 2 Cut to Length	HH82	1626416030
	<b>AE86 SPRINT 5/83-5/85</b>		
	Top Hose	CH2303	1657115130
	Bottom Hose	CH2304	1657215160
	    		
	    		
			
	<b>AE90, 92, 93 1.4 Litre 6AFC, 1.6 Litre 4AFC, &amp; 4AFE Engines 1987-94</b>		
	Top Hose	CH1748	16571YA020
	Top Hose 1.6 Litre 4AGE Engine	CH5106	1657116090
	Bottom Hose	CH1745	16572YA020
	ByPass Hose Water Inlet	CH1749	1626202020
	ByPass Hose Thermostat to Engine (with EFI)	CH3635	9044715021
	ByPass Hose Thermostat to pipe (with EFI)	CH2297	1626202010, 1626215030
	Heater Hose Inlet tap to core	CH4219	87245YA020
	Heater Hose Inlet Engine to Tap	CH2016	87245YA010
	Heater Hose Outlet Core to engine	CH5509	87245YA030
TOYOTA	    		
	   		
	<b>AE94, Sprint 1992-ON</b>		
	Top Hose	CH2026	1657102100
	Bottom Hose	CH2035	1657202090
	<b>AE95 1.6 Litre 1990-94</b>		
	Top Hose	CH3086	1657115140
	Bottom Hose Manual Trans	CH1745	16572YA020
	Bottom Hose Auto Trans	CH3260	1657216100
	Heater Hose	CH3166	872451A300
	Heater Hose	CH3167	8724512841
	Heater Hose	CH3259	872451A411
	<b>AE96 1.8 Litre 7AFE EFI Engine 1992-94</b>		
	Top Hose	CH5109	1657116200
TOYOTA	    		
	   		
	<b>AE 100G 54-FS 1.5 Litre Engine NZ and Imported</b>		
	Top Hose	CH3008	1657115160
	Bottom Hose	CH3011	1657215210
	<b>AE101R 1.6 Litre (4A-FE) 1994-98</b>		
	Top Hose	CH2024	1657102090
	Bottom Hose	CH2039	1657202080
	ByPass Hose Pipe 1 to Engine cut to length 70mm	SHW32	1626215040














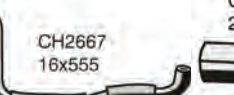













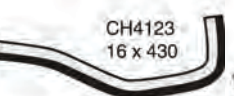

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Make Model	Description	Mackay #	O.E.M #
<b>COROLLA</b>			
	Heater Hose <i>Tap-heater</i>	CH2265	87245YA100
	Heater Hose <i>Inlet</i>	CH2157	87245YA060
	Heater Hose <i>Outlet to Engine</i>	CH2156	87245YA070
<b>AE102 1.8 Litre (7AFE Eng) 1994-97</b>			
	Top Hose	CH2026	1657102100
	Bottom Hose	CH2035	1657202090
	ByPass Hose <i>Pipe 1 to Engine cut to length 70mm</i>	SHW32	1626215040
	Heater Hose <i>Inlet</i>	CH2157	87245YA060
	Heater Hose <i>Outlet to Engine</i>	CH2156	87245YA070
	Radiator to Reservoir	CH3088	1647115080
    			
    			
<b>AE112 1998-on</b>			
	Top Hose	CH2595	1657116180
	Bottom Hose	CH2583	1657216150
	Heater Hose Engine to Water Valve	CH2648	872451A640
	Heater Hose to heater	CH2667	872451A630
	ByPass Hose	CH3496	1626210011
    			
<b>CDE120R 2.0 Litre Turbo Diesel 1CD-FTV Engine 11/2001-2007 Export</b>			
	Top Hose	CH4384	1657127050
	Bottom Hose	CH4385	1657227040
<b>CE100, CE110 2.0 Litre Diesel 1992-2000</b>			
	Top Hose	CH4137	1657164160
	Bottom Hose	CH4063	1657264200
<b>CE100, CE110 2C &amp; 2CE Engines 1995-2001</b>			
	Top Hose	CH4101	1657164250
    			
<b>EE80 1.3 Litre 1983-88</b>			
	Bottom Hose	CH3939	1657211010
<b>EE90 1.3 Litre 2E-I 5/87-6/91 (New Zealand)</b>			
	Top Hose	CH2593	1657111050
	Bottom Hose	CH2602	1657211140
	Bottom Hose 5/87-6/91	CH2600	1657211110
<b>EE100 1.3 Litre 2E-L 1992-ON (Export Only)</b>			
	Top Hose	CH2599	1657111130
	Bottom Hose	CH2594	1657211220
	Heater Hose	CH3998	8724502140
	Heater Hose	CH4123	8724502130, 872451A680
<b>1.8 Litre 1ZZFE Engine 1999-2002 (Export Only)</b>			
	Top Hose	CH4879	165710D040
    			
   			
<b>NZE121, 124 Runx / Alex 1.5 Litre 1NZFE 2001-2004</b>			
	Top Hose	CH4379	1657121030
	Bottom Hose	CH4269	1657221030

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TOYOTA

Make Model	Description	Mackay #	O.E.M #
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## COROLLA

Heater Hose Outlet  
Heater Hose Inlet

CH4428 872451E061  
CH4427 872451E051

CH4269

30/33 x 600



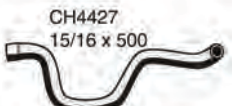
CH4379

30/33 x 470



CH4427

15/16 x 500



CH4428

16 x 370



## ZZE122R 1.8 Litre 2001-2007

Top Hose  
Bottom Hose  
Bottom Hose (USA Model)  
Heater Hose Inlet  
Heater Hose Outlet

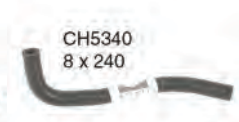
CH3358 1657122070, 165710D090  
CH3359 1657222070, 165720D080  
CH5149 1657222080  
CH4179 872451E071  
CH4180 872451E080



## ZZE123R 1.8 Litre 2ZZGE 2003-2006

Top Hose  
Bottom Hose  
Heater Hose Outlet  
Heater Hose Inlet  
Heater Hose Inlet Auto Trans  
Heater Hose Outlet Manual Trans  
ByPass Hose No2  
ByPass Hose No3

CH3358 1657122070, 165710D090  
CH3359 1657222070, 165720D080  
CH5338 872451E100  
CH5339 872451E090  
CH4179 872451E071  
CH4180 872451E080  
CH5341 1626488601  
CH5340 1626788602



## CORONA

### Mark 2, 2.0L MX10; 2.3 Litre, MX12M and 2M Eng 1972-74

Top Hose  
Bottom Hose

CH1093 1657141040  
CH1094 1657241021



### RT40,46 1.5 Litre; 2R Engine 1964-69

Top Hose  
Bottom Hose  
ByPass Hose

CH650 9091601020  
CH654 9091601040  
CH701 9091601037



### RT80,81 1.5, 1.6 Litre 2R & 12R Eng 1970-73

Top Hose  
Bottom Hose - Manual Trans.

CH877 1657131010  
CH909 1657231010



### RT100 1.6 Litre 1974-78

Bottom Hose

CH1418 1657131090

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Make Model	Description	Mackay #	O.E.M #
<b>CORONA</b>			



**RT104,118. 2.0 Litre:18R&18R -C Eng 1973-79**

Top Hose	CH1008	1657136010
Bottom Hose	CH1009	1657236020

**RT132 Lift back 18R Engine 1979-81**

Top Hose	CH1008	1657136010
Bottom Hose	CH1009	1657236020



**RT142 2.4 Litre 1984-87**

Top Hose	CH2216	1657135060A
Bottom Hose	CH2516	1657235080
Bottom Hose	CH2243	1657238070A



**ST141 2.0 Litre 2S - C Engine 1983-87**

Top Hose	CH1553	1657174010A
Bottom Hose	CH1554	1657274010A
Heater Hose	CH3523	8724514790A
Heater Hose Inlet	CH3524	8724514740A
Heater Hose	CH3525	8724514800A



**ST150 1S 1.8 Litre 1984 New Zealand**

Top Hose	CH1750	1657163020
Bottom Hose	CH2453	1657263040

**ST151 1983-89**

Bottom Hose	CH2453	1657263040
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**ST170 1.8 Litre 4S-FI 1988-91 New Zealand**

Top Hose	CH2434	1657174090
Bottom Hose	CH2438	1657274030

**ST171 2.0 Litre 3S-F engine 87-92**

Top Hose	CH2434	1657174090
Bottom Hose 12/87-1/89	CH2438	1657274030
Bottom Hose 11/89-92	CH3779	1657274130



**ST190 1.8 Litre 4 Cyl (4S-FE) engine NZ and imported models**

Top Hose	CH3007	1657174260
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**ST191 2.0 Litre 3S-FE 8/92-93**

Top Hose	CH2598	1657174200
Bottom Hose	CH2580	1657274190



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TOYOTA

Make Model	Description	Mackay #	O.E.M #
<b>CORONA</b>			
<b>T100-120 2.0 &amp; 2.2 Litre 20R/22R Engines 1975-81</b>			
	Bottom Hose 1975-78	CH4594	1657238050
			
<b>TT132R 1.8 Litre 3T Engine 1980-82</b>			
	Top Hose	CH3065	9091601143
	Bottom Hose	CH3063	1657128020
			
<b>XT 1.6 Litre, RT130R 1980-ON</b>			
	Top Hose	CH1419	165723190
			
<b>XT130, XT131 1.9 Litre. Australian Engine 1979-83</b>			
	Top Hose	CH1205	1657136010C
	Bottom Hose	CH1206	1657236020C
			
<b>T18 Lift back TE72 3T - C Engine 1979-83</b>			
	Top Hose	CH1334	9091601166
	Bottom Hose	CH1335	1657126060
			
<b>CRESSIDA</b>			
<b>MX32, MX36 1976-81</b>			
	Top Hose	CH1133	1657141060
	Bottom Hose	CH1134	1657241040
			
<b>MX62 Fuel Injection 1981-83</b>			
	Top Hose	CH1093	1657141090
	Bottom Hose	CH1331	1657241080
			
<b>MX73, 2.8 Litre (Single Cam 5M-E Engine) 1985-88</b>			
	Top Hose	CH1752	1657143070
	Bottom Hose	CH1753	1657243060
			
<b>MX73 2.8 Litre (Twin Cam) 1985-88</b>			
	Top Hose	CH1704	1657143060

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Make Model	Description	Mackay #	O.E.M #
<b>CRESSIDA</b>			
	Bottom Hose	<b>CH1699</b>	1657243050



## MX83 3.0 Litre 7MGE 1988-93

Top Hose	<b>CH3559</b>	1657142030
Bottom Hose	<b>CH3560</b>	1657242040
Heater Hose <i>Inlet E</i>	<b>CH3564</b>	872452A170
Heater Hose <i>No 1</i>	<b>CH3563</b>	872452A090
Heater Hose <i>No 2</i>	<b>CH3561</b>	872452A340
ByPass Hose <i>No 1</i>	<b>CH3567</b>	1626142010
ByPass Hose <i>No 2</i>	<b>CH3568</b>	1626442040
ByPass Hose <i>No 3</i>	<b>CH2738</b>	1626742010
ByPass Hose <i>No 4</i>	<b>CH3565</b>	1628142020
ByPass Hose <i>No 5</i>	<b>CH3562</b>	1628242010
ByPass Hose <i>No 6</i>	<b>CH3566</b>	1628342010



## RX80 22R Engine 1989-97

Top Hose	<b>CH3788</b>	1657135150
Bottom Hose	<b>CH4475</b>	1657235110



## CROWN

### RS40 41 1.9 Litre; 3R, 3R-B Engines 1963-66

Top Hose	<b>CH650</b>	9091601020
Bottom Hose <i>To Frame Nos. RS40-90000 and RS41-107700</i>	<b>CH650</b>	9091601020



### MS62,63, 64,65. 2.0 Litre: 2M,4M Engines 1971-74

Top Hose	<b>CH1031</b>	1657141030
Bottom Hose	<b>CH1032</b>	1657241010



### MS111,MS112, 2.6 & 2.8 Litre, 4M, 5M - E Eng 1979-83

Top Hose	<b>CH1332</b>	1657141080
Bottom Hose	<b>CH1333</b>	1657241060, 41090

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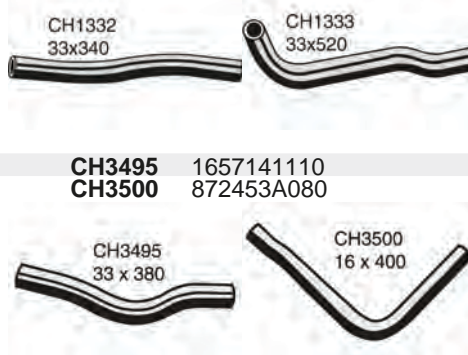
TOYOTA

Make Model	Description	Mackay #	O.E.M #
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**CROWN****MS123 2.8 Litre 1983-85**

Top Hose  
Heater Hose Inlet

**CH3495** 1657141110  
**CH3500** 872453A080

**CURREN ST206 2.0 LITRE SFE ENGINE 1994-96**

Top Hose  
Bottom Hose

**CH2233** 1657174280  
**CH2231** 1657274230

**CYNOS EL44 5E-FE 1.5 LITRE ENGINE 1991-95**

Top Hose  
Bottom Hose

**CH3010** 1657111210  
**CH3062** 1657211210

**DYNA****RU10 12 15 5R 2/72-7/77**

Top Hose  
Bottom Hose-Rad. Side

**CH935** 1657113050  
**CH1360** 9091601116

**RU20 30 5R Petrol Eng 8/77-ON**

Top Hose  
Bottom Hose-Rad. Side  
Bottom Hose -Pump Side

**CH1361** 1657144050  
**CH1349** 9091601150  
**CH1362** 1657144060

**DYNA YU61 2.2 LITRE 4Y ENGINE 1987-89**

Top Hose  
Bottom Hose radiator to pipe  
Bottom Hose pipe to engine

**CH4373** 1657173040  
**CH4374** 1657373010  
**CH4375** 1657273030

**DYNA YH81 1.8 LITRE 2Y 1985-ON**

Top Hose  
Top Hose 1995-ON  
Bottom Hose 1985-95  
Bottom Hose 1995-ON

**CH2824** 1657171060  
**CH2853** 1657173120  
**CH2823** 1657271050  
**CH2822** 1657273100



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Make Model	Description	Mackay #	O.E.M #
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## **DYNA 200 3700CC 14B ENGINE 5/95-5/2000**

Top Hose	CH4326	1657158100
Bottom Hose	CH3775	1657256091



## **ECHO NCP10-12 1999-ON**

Top Hose	CH2803	1657121020
Bottom Hose	CH2804	1657221020
Connector Pipe Hose	CH2805	1657321010
ByPass Hose 8mm cut to length	HH82	9955510200
ByPass Hose 8mm cut to length	HH82	9955510185
Heater Hose No 2	CH2806	8724552020
Heater Hose No 1	CH2807	8724552010



## **ESTIMA CYR10 2.2 LITRE T/DIESEL 1991-96 NZ & EXPORT**

Top Hose Engine Side	CH3858	1657164182
Top Hose Radiator End	CH3857	1657264221
Bottom Hose Engine Side	CH3860	1657464031
Bottom Hose Radiator End	CH3859	1657364070



## **FUN CARGO NCP2 8/1999 -ON**

Top Hose	CH2803	1657121020
Bottom Hose 1NZFE 1.5 16v DOHC EFI	CH2804	1657221020
ByPass Hose 2NZFE 1.3 16v DOHC EFI	CH2805	1657321020
Heater Hose Inlet	CH2807	8724552010
Heater Hose Outlet	CH2806	8724552020



## **HARRIER 3.0 LITRE V6 1MZFE ENGINE 12/97-2/03**

Top Hose	CH4274	1657120030
Bottom Hose	CH4266	1657220030, 1657220030



## **HiACE**

### **KDH 200R 2.5 litre Diesel 2005 -07**

Top Hose	CH4662	1657130070
Bottom Hose	CH4665	1657630010
Bottom Hose	CH3871	1657530020
Bottom Hose	CH4660	1657430010
Bottom Hose	CH5144	1657330020
Bottom Hose Radiator to Pipe	CH4701	1657330010
Heater Hose	CH4667	8724526A90
Heater Hose	CH4704	8724526C80
Heater Hose	CH4713	8724526D60
Heater Hose	CH4699	8724526C10
Heater Hose	CH4698	8724526C00
ByPass Hose	CH4666	1626475090
ByPass Hose	CH4663	1626175150
ByPass Hose	CH4644	1626730130

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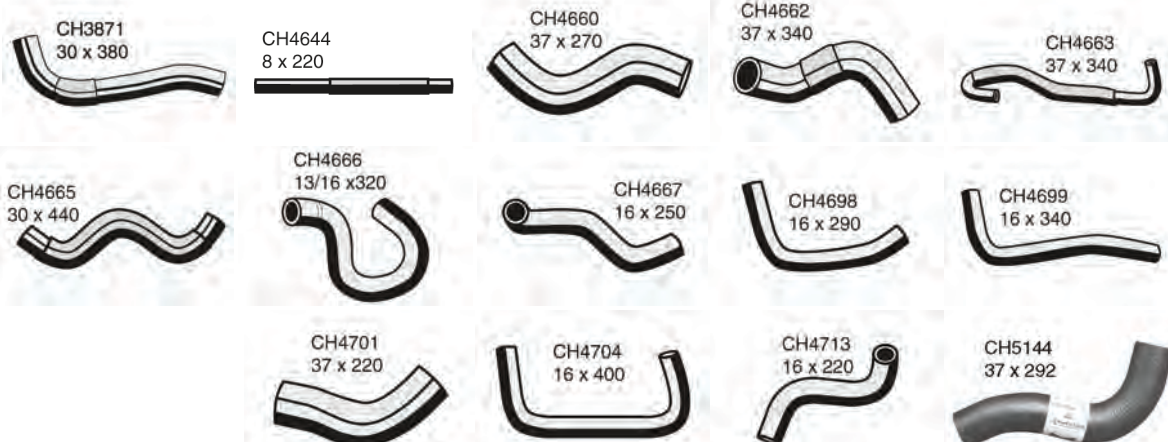
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TOYOTA

Make Model	Description	Mackay #	O.E.M #
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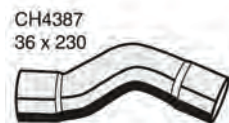
## HiAce



## KLH22R 2.5 Litre 2KD-FTV Engine 2001-8/2006

Top Hose

**CH4387** 1657130040



## LH11, 20, 30 2.2 Litre L Diesel Engine 1/79-ON

Top Hose

**CH1377** 1657154030

Bottom Hose

**CH1378** 1657254030



## LH 11,20,30 2.8 Litre Diesel & LH 51,61,71 2.4 Litre Diesel 1984-8/89

Top Hose

**CH2002** 1657154120

Bottom Hose *Radiator to pipe*

**CH2021** 1657254090

Bottom Hose *pipe to Block*

**CH2018** 1657354030

Bottom Hose *8/89-ON*

**CH2033** 1657254320



## LH100,110,120 2.4 Diesel, T/Diesel 8/89-7/99

Heater Hose *Inlet*

**CH3952** 87224530810

Heater Hose

**CH3950** 8724595J46

Heater Hose

**CH3953** 8724595J50

Heater Hose *Outlet LH side 7/99-ON*

**CH3951** 8724595J47

Heater Hose

**CH3954** 8724595J05



## LH103R 2.8 Litre Diesel 1990-ON

Top Hose

**CH2535** 1657154320

Bottom Hose No1

**CH2537** 1657254620

Bottom Hose No2

**CH2586** 1657354140

Heater Hose *inlet C tap RH side 7/99-2005*

**CH5408** 872452F440

Heater Hose *Outlet LH side 7/99-ON*

**CH5409** 872452F490

Heater Hose *Inlet E tap LH Side 07/99-ON*

**CH5407** 872452F180

Heater Hose *Inlet E tap LH Side 9/93-6/99*

**CH5406** 8724526290

ByPass Hose *Crankcase Vent A*

**CH5410** 1226275010

ByPass Hose *crankcase vent*

**CH5411** 1226275030

ByPass Hose *crankcase vent*

**CH5435** 1226275060

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Make Model	Description	Mackay #	O.E.M #
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## HiACE



## LH113 2.8 Litre 3L Diesel Engine 1996-2004

Top Hose	CH2535	1657154320
Bottom Hose	CH2033	1657254320
Heater Hose <i>inlet C tap RH side 7/99-2005</i>	CH5408	872452F440
Heater Hose <i>Inlet E tap LH Side 07/99-ON</i>	CH5407	872452F180
Heater Hose <i>Inlet E tap LH Side 9/93-6/99</i>	CH5406	8724526290
ByPass Hose <i>Crankcase Vent A</i>	CH5410	1226275010
Heater Hose <i>Outlet LH side 7/99-ON</i>	CH5409	872452F490
ByPass Hose <i>crankcase vent</i>	CH5411	1226275030
ByPass Hose <i>crankcase vent</i>	CH5435	1226275060



## LH125R 2.8 Litre 3L Diesel Engine 1989-04

Top Hose	CH2535	1657154320
Bottom Hose	CH2033	1657254320
Heater Hose <i>Inlet E tap LH Side 9/93-6/99</i>	CH5406	8724526290
Heater Hose <i>Inlet E tap LH Side 07/99-ON</i>	CH5407	872452F180
Heater Hose <i>inlet C tap RH side 7/99-2005</i>	CH5408	872452F440
ByPass Hose <i>crankcase vent</i>	CH5411	1226275030
Heater Hose <i>Outlet LH side 7/99-ON</i>	CH5409	872452F490
ByPass Hose <i>Crankcase Vent A</i>	CH5410	1226275010
ByPass Hose <i>crankcase vent</i>	CH5435	1226275060



## RCH12 2.4 Litre 2RZFE Engine 1995-03

ByPass Hose	CH5441	1626475050
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## RCH22 2.4 Litre 2RZFE Engine 1999-04

ByPass Hose	CH5441	1626475050
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## RH11, 16 12R Engine 1971-77

Top Hose	CH1358	1657231050
Bottom Hose <i>9/71-12/75</i>	CH1356	1657131040
Bottom Hose <i>12/75-1/77</i>	CH1363	1657131041
ByPass Hose	CH701	9091601037

## RH11, 20, 30 12R Engine

Top Hose <i>2/77-8/78</i>	CH1372	1657231070
Top Hose <i>9/78-ON</i>	CH1358	1657231050
Bottom Hose <i>2/77-ON</i>	CH1363	1657131041

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Make Model	Description	Mackay #	O.E.M #
<b>HiAce</b>			
	ByPass Hose	<b>CH701</b>	1626131010

**RH22,32,42 18R Engine**

Top Hose 9/77-ON

**CH1374** 1657136041

Bottom Hose 9/77-12/79

**CH1375** 1657236030

Bottom Hose - Radiator to Pipe 12/79-ON

**CH1537** 1657334011

Bottom Hose - Pipe to Water Pump

**CH1376** 1657236031

ByPass Hose 9/77-ON

**CH1379** 9091005106**RZH 103 & RZH125R 2.4 Litre OHC 1990-ON**

Top Hose Carby &amp; EFI

**CH2008** 1657175010

Bottom Hose to 08/98 Carby

**CH2027** 1657275010

Bottom Hose From 08/98 EFI

**CH2532** 1657275150

Heater Hose Inlet A

**CH5405** 8724595J48

Heater Hose Inlet E tap LH Side 07/99-2005

**CH5407** 872452F180

Heater Hose Inlet E tap LH Side 8/93-6/99

**CH5406** 8724526290

Heater Hose Outlet 07/95-2005

**CH5409** 872452F490

Heater Hose inlet C tap RH side 7/99-2005

**CH5408** 872452F440

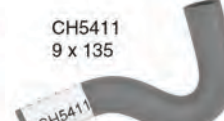
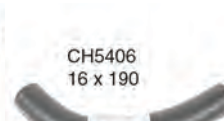
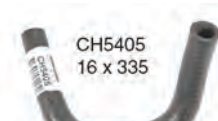
ByPass Hose Crankcase Vent A

**CH5410** 1226275010

ByPass Hose Crankcase vent

**CH5411** 1226275030

ByPass Hose crankcase vent

**CH5435** 1226275060**RZH 113R 2.4 Litre OHC 1990-2000**

Top Hose Carby &amp; EFI

**CH2008** 1657175010

Bottom Hose From 08/98 EFI

**CH2532** 1657275150

Heater Hose Inlet A

**CH5405** 8724595J48

Heater Hose Outlet 07/95-2005

**CH5409** 872452F490

Heater Hose Inlet E tap LH Side 07/99-2005

**CH5407** 872452F180

Heater Hose Inlet E tap LH Side 8/93-6/99

**CH5406** 8724526290

Heater Hose inlet C tap RH side 7/99-2005

**CH5408** 872452F440

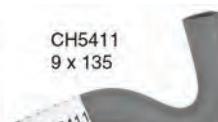
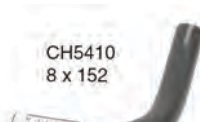
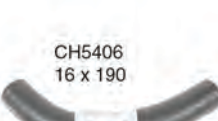
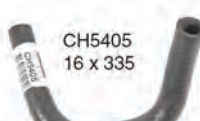
ByPass Hose Crankcase Vent A

**CH5410** 1226275010

ByPass Hose crankcase vent

**CH5411** 1226275030

ByPass Hose crankcase vent

**CH5435** 1226275060**YH11, 20, 30 2.4 Litre Petrol 1984-94**

Top Hose to 8/89

**CH2004** 1657172020

Top Hose 8/89-94

**CH2008** 1657175010

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Make Model	Description	Mackay #	O.E.M #
<b>HiAce</b>			
	Bottom Hose - Radiator to Pipe to 8/89	CH2034	1657272020
	Bottom Hose - Pipe to Block to 8/89	CH2018	1657354030
	Bottom Hose 8/89-94	CH2027	1657275010
<b>YH 51,61,71 2.4 Litre Petrol 1984-89</b>			
	Top Hose	CH2004	1657172020
	Bottom Hose Pipe to Block	CH2018	1657354030
	Bottom Hose Radiator to pipe	CH2034	1657272020
<b>YH 51,61,71 2.0 Litre 1984-89</b>			
	Top Hose	CH2004	1657172020
	Bottom Hose Pipe to Block	CH2018	1657354030
	Bottom Hose Radiator to pipe	CH2034	1657272020



## SBV 4 Cyl 2.4 L (2RZ-E) 1995-ON

Top Hose	CH2916	1657175060
Bottom Hose	CH2917	1657275060
ByPass Hose	CH2918	8724526450
Heater Hose Outlet	CH2919	8724526370
Heater Hose cut to Length	HH1592	8724526660



## TRH 221R (2TRFE 2.7 Litre )2005-ON

Top Hose Radiator Side	CH3769	1657275270
Top Hose Engine Side	CH4322	1657175260
Bottom Hose Radiator Side	CH3768	1657375060



## HiLux

### GGN15R 1GR-FE 4.0 Litre 2005-2013

Top Hose	CH4692	165710P030
Bottom Hose	CH4693	165720P030
ByPass Hose throttle bypass	CH4730	1626131020
ByPass Hose	CH3754	1626431010
ByPass Hose A	CH3751	1628131011
ByPass Hose B	CH3757	1628231010
Heater Hose B	CH3758	1626731010
Heater Hose inlet heater to pipe	CH5384	872450K600
Heater Hose Outlet pipe to Housing	CH5387	872450K590
Heater Hose Outlet Heater to Pipe	CH5386	872450K620
Heater Hose Inlet pipe to pipe	CH5385	872450K610

### GGN25R 1GR-FE 4.0 Litre 2005-2013

Top Hose	CH4692	165710P030
Bottom Hose	CH4693	165720P030
ByPass Hose throttle bypass	CH4730	1626131020
ByPass Hose	CH3754	1626431010
ByPass Hose A	CH3751	1628131011
ByPass Hose B	CH3757	1628231010
Heater Hose B	CH3758	1626731010
Heater Hose inlet heater to pipe	CH5384	872450K600
Heater Hose Outlet pipe to Housing	CH5387	872450K590
Heater Hose Outlet Heater to Pipe	CH5386	872450K620
Heater Hose Inlet pipe to pipe	CH5385	872450K610



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TOYOTA

Make Model	Description	Mackay #	O.E.M #
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## HiLux



### KDN165 2KDTFV Engine 4x4 Export only

Top Hose	CH4275	1657130050
Bottom Hose	CH4276	1657230040



### KZN65 1KZ-TE Engine 1999-2/2005

Top Hose	CH4997	1657167050
Bottom Hose	CH4990	1657067050



### KZN130GW 1KZ-TE 3.0 Litre NZ and Imported 1993-96

Top Hose	CH3009	1657167030
Bottom Hose	CH3016	1657267030



### KZN 165R 1KZ-TE 3.0 Litre Turbo Diesel 1999-2005

Top Hose	CH4181	1657167100, 1657167050
Bottom Hose	CH4182	1657267100
Bottom Hose <i>Export Only</i>	CH3741	1657254590
Heater Hose <i>Inlet A</i>	CH4183	872453D150
Heater Hose <i>Outlet</i>	CH4184	8724635060



### KZN147R 2.0 Litre (1RZ) 1997-ON

Top Hose	CH2683	1657175090
Bottom Hose	CH2697	1657354120
Bottom Hose <i>No2</i>	CH2688	1657275120
Heater Hose <i>From Heater</i>	CH2693	8724535890



### KDN145 4x2 2.5 Litre 2KDTFV Engine 2001-On Export

Bottom Hose	CH4386	1657230030
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### KUN16R SR Workmate SR X-Cab 3.0 Litre 1KDF-TV engine 03/05-2013

Top Hose	CH4823	165710L030
Bottom Hose	CH4821	165720L030
Heater Hose <i>Inlet &amp; Outlet 2 Per Vehicle</i>	CH4810	872450K300



















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Make Model	Description	Mackay #	O.E.M #
<b>HiLux</b>			
	Heater Hose <i>OutLet to 07/06</i>	CH4809	872450K310
	Heater Hose <i>Inlet to 07/06</i>	CH4811	872450K010
<b>KUN26R, SR, SR5 3.0 Litre 1KDF-TV engine 2004-07</b>			
	Top Hose	CH4823	165710L030
	Bottom Hose	CH4821	165720L030
	Heater Hose <i>Inlet &amp; Outlet 2 Per Vechicle</i>	CH4810	872450K300
	Heater Hose <i>OutLet to 07/06</i>	CH4809	872450K310
	Heater Hose <i>Inlet to 07/06</i>	CH4811	872450K010
    			
<b>RN20, RN 25 4 Cyl 1.6 Litre 12R 1974-78</b>			
	Top Hose <i>8/74-1/75</i>	CH876	1657131020, 1657131021
	Top Hose <i>11/75-7/78</i>	CH1364	1657231060
	Bottom Hose <i>8/74-1/75</i>	CH1365	1657131022
	Bottom Hose <i>11/75-7/78</i>	CH1366	1657131023
   			
<b>RN22, RN27 4 Cyl 2.0 Litre (18R) 8/74-7/78</b>			
	Top Hose	CH1008	1657136020, 4070, 4050, 6010
	Bottom Hose	CH1367	1657233012
 			
<b>RN20, RN40, RN46 4 Cyl 2.0 Litre (18R) 8/73-83</b>			
	Top Hose	CH1368	1657134090
	Bottom Hose	CH1369	1657234061
 			
<b>RN30 1.6 Litre 1979-84</b>			
	Top Hose	CH3494	1657131024
	Bottom Hose	CH4485	1657231091
 			
<b>RN34-44 1980-83</b>			
	Bottom Hose	CH4685	1657235011
			
<b>LN30, 40 2.2 Litre L Diesel Eng 9/79-84</b>			
	Top Hose	CH1370	1657154050
	Bottom Hose	CH1371	1657254050
 			
<b>LN46 L Diesel Eng 6/81-7/83</b>			
	Top Hose	CH1937	1657154090
	Bottom Hose	CH1371	1657254050

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Make Model	Description	Mackay #	O.E.M #
<b>HiLux</b>			

**LN56 2WD 2.2 Litre L Engine 1983-88**

Top Hose	CH1757	1657154130
Bottom Hose	CH1758	1657254100

**LN60,61,65 L (Diesel) Eng 1984-89**

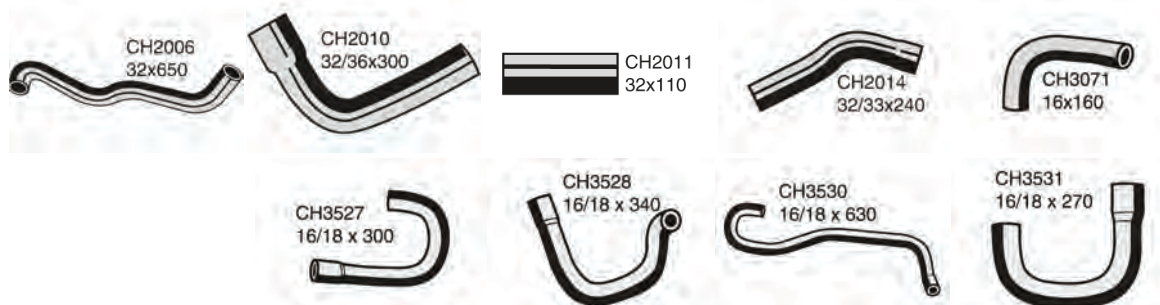
Top Hose	CH1757	1657154130
Bottom Hose <i>Eng to Pipe W/P.S.</i>	CH1941	1657354060
Bottom Hose <i>Radiator to Pipe W/P.S.</i>	CH1942	1657254130

**LN 65 4 Cyl 2.4 Litre (2L) Diesel 11/83-8/88**

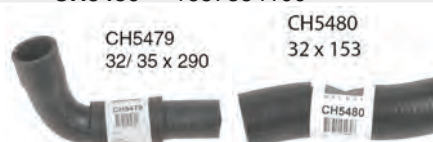
Top Hose	CH1757	1657154130
Bottom Hose <i>Less Power Steering 8/83-ON</i>	CH1940	1657254120
Bottom Hose <i>Eng to Pipe W/P.S.</i>	CH1941	1657354060
Bottom Hose <i>Radiator to Pipe W/P.S.</i>	CH1942	1657254130

**LN85 2.4 Litre (2L) Diesel 1990-92**

Top Hose	CH2014	1657154270
Bottom Hose <i>With-Out P/Steering 8/88-8/94</i>	CH2006	1657254260
Bottom Hose <i>Pipe to Engine No2 W/PS</i>	CH2010	1657254270
Bottom Hose <i>Radiator To Pipe No1 W/PS</i>	CH2011	1657254280, 1657354281
ByPass Hose	CH3071	8724589233
Heater Hose No 1	CH3528	8724589241
Heater Hose No 2	CH3530	8724589240
Heater Hose No 3	CH3531	8724589279
Heater Hose No 4	CH3527	8724589280

**LN86 2.8 Litre Diesel 3L Engine 8/91-7/97**

Bottom Hose <i>(with P/S)</i>	CH5479	1657254390
Bottom Hose <i>To Engine (with P/S)</i>	CH5480	1657354100

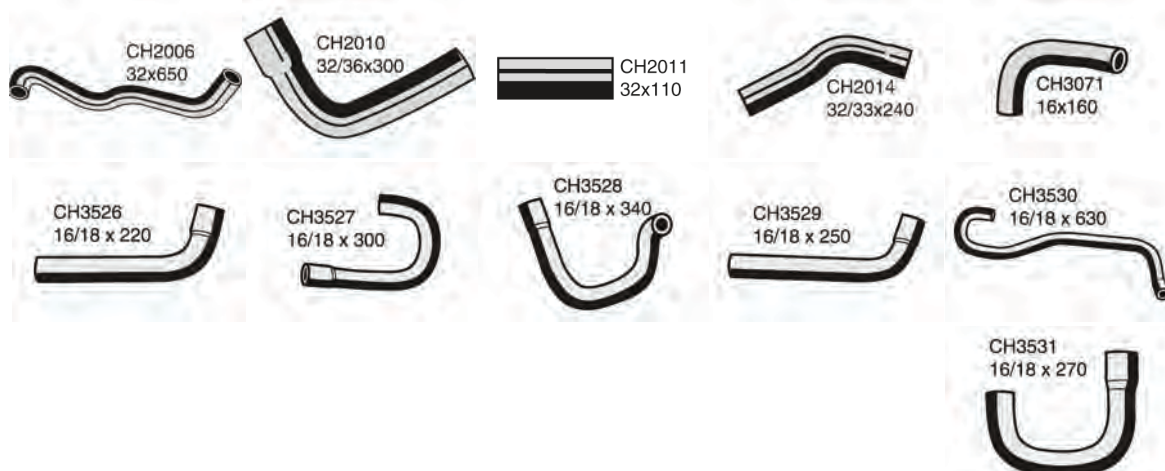
**LN86-106 2.8 Litre (3L) Diesel 1988-8/97**

Top Hose	CH2014	1657154270
Bottom Hose <i>With-Out P/Steering 8/88-8/94</i>	CH2006	1657254260
Bottom Hose <i>Pipe to Engine No 2 W/PS</i>	CH2010	1657254270
Bottom Hose <i>Radiator To Pipe No1 W/PS</i>	CH2011	1657254280, 1657354281
ByPass Hose	CH3071	8724589233
Heater Hose No 1	CH3528	8724589241
Heater Hose No 2	CH3530	8724589240

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Make Model	Description	Mackay #	O.E.M #
<b>HiLux</b>			
	Heater Hose No 3	CH3531	8724589279
	Heater Hose No 4	CH3527	8724589280
	Heater Hose No 5	CH3526	8724589281
	Heater Hose No 6	CH3529	8724589282
	Hose Pack <i>With-Out P/Steering</i> contains: CH2014, CH2006, CH3528, CH3071, CH3530, CH3527, CH3526, CH3529	CHVP1	
	Hose Pack <i>W/PS</i> contains: CH2014, CH2010, CH2011, CH3528, CH3071, CH3530, CH3527, CH3526, CH3529, CH3531	CHVP17	
<b>LN107R 2.8 Litre (3L) Diesel 1991-11/97</b>			
	Top Hose	CH2014	1657154270
	Bottom Hose <i>With-Out P/Steering 8/88-8/94</i>	CH2006	1657254260
	Bottom Hose <i>Pipe to Engine No 2 W/PS</i>	CH2010	1657254270
	Bottom Hose <i>Radiator To Pipe No1 W/PS</i>	CH2011	1657254280, 1657354281
	ByPass Hose	CH3071	8724589233
	Heater Hose No 1	CH3528	8724589241
	Heater Hose No 2	CH3530	8724589240
	Heater Hose No 3	CH3531	8724589279
	Heater Hose No 4	CH3527	8724589280
	Heater Hose No 5	CH3526	8724589281
	Heater Hose No 6	CH3529	8724589282
	Hose Pack <i>With-Out P/Steering</i> contains: CH2014, CH2006, CH3528, CH3071, CH3530, CH3527, CH3526, CH3529	CHVP1	
	Hose Pack <i>W/PS</i> contains: CH2014, CH2010, CH2011, CH3528, CH3071, CH3530, CH3527, CH3526, CH3529, CH3531	CHVP17	



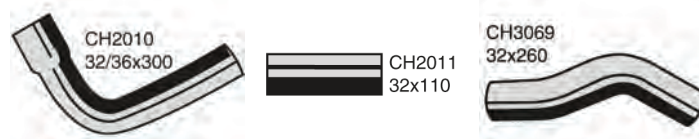
## Grinner 1.8 litre YN85 (2Y) 1987-97

Top Hose	CH1938	1657171030
Bottom Hose	CH2161	1657271031



## LN130N Surf 2L-TE Engine 1992-ON

Top Hose	CH3069	1657154310
Bottom Hose -Pipe to Engine	CH2010	1657254270
Bottom Hose -Radiator to Pipe	CH2011	1657354081



## LN 147R 3.0 Litre (5L & 5LE Diesel) 1997-ON

Top Hose	CH2679	1657154490
Bottom Hose Radiator to Pipe	CH2697	1657354120
Bottom Hose Pipe to Engine	CH2680	1657254570
Heater Hose Outlet pipe to pipe	CH2691	8724235010
Heater Hose Outlet pipe to engine	CH2997	8724335010
Heater Hose outlet heater to pipe	CH2689	8724635020
Heater Hose Inlet heater to pipe	CH2690	8724535840
Heater Hose inlet pipe to engine	CH4731	8724435010
Heater Hose inlet pipe to pipe	CH4729	8725435010

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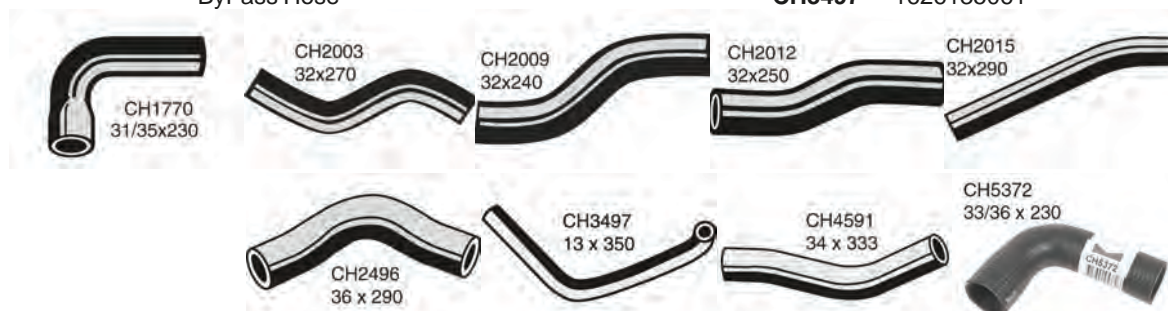


TOYOTA

Make Model	Description	Mackay #	O.E.M #
<b>HiLux</b>			
<b>LN 152 3.0 Litre (5L &amp; 5LE Diesel ) 1997-ON</b>			
	Top Hose	CH2679	1657154490
	Bottom Hose <i>Radiator to Pipe</i>	CH2697	1657354120
	Bottom Hose <i>Pipe to Engine</i>	CH2680	1657254570
	Heater Hose <i>Outlet pipe to pipe</i>	CH2691	8724235010
	Heater Hose <i>Outlet pipe to engine</i>	CH2997	8724335010
	Heater Hose <i>outlet heater to pipe</i>	CH2689	8724635020
	Heater Hose <i>Inlet heater to pipe</i>	CH2690	8724535840
	Heater Hose <i>inlet pipe to engine</i>	CH4731	8724435010
	Heater Hose <i>inlet pipe to pipe</i>	CH4729	8725435010
<b>LN167R 3 Litre (5L &amp; 5LE Diesel ) 1997-2003</b>			
	Top Hose	CH2679	1657154490
	Bottom Hose <i>Pipe to Engine</i>	CH2680	1657254570
	Bottom Hose <i>Radiator to pipe to 9/2000</i>	CH2998	1657354180
	Bottom Hose <i>radiator to pipe 10/2000-2003</i>	CH4618	1657354160
	Heater Hose <i>Outlet pipe to pipe</i>	CH2691	8724235010
	Heater Hose <i>Outlet pipe to engine</i>	CH2997	8724335010
	Heater Hose <i>outlet heater to pipe</i>	CH2689	8724635020
	Heater Hose <i>Inlet heater to pipe</i>	CH2690	8724535840
	Heater Hose <i>inlet pipe to engine</i>	CH4731	8724435010
	Heater Hose <i>inlet pipe to pipe</i>	CH4729	8725435010
<b>LN172 3 Litre (5L Diesel ) 1997-2003</b>			
	Top Hose	CH2679	1657154490
	Bottom Hose <i>Pipe to Engine</i>	CH2680	1657254570
	Bottom Hose <i>Radiator to pipe to 9/2000</i>	CH2998	1657354180
	Bottom Hose <i>radiator to pipe 10/2000-2003</i>	CH4618	1657354160
	Heater Hose <i>Outlet pipe to pipe</i>	CH2691	8724235010
	Heater Hose <i>Outlet pipe to engine</i>	CH2997	8724335010
	Heater Hose <i>outlet heater to pipe</i>	CH2689	8724635020
	Heater Hose <i>Inlet heater to pipe</i>	CH2690	8724535840
	Heater Hose <i>inlet pipe to engine</i>	CH4731	8724435010
	Heater Hose <i>inlet pipe to pipe</i>	CH4729	8725435010

**RN85, 90, 105, 106, 110, 130 2.4 Litre 22R engine 1988-98**

Top Hose 8/88-94	CH2015	1657135070A
Top Hose 1981-89	CH4591	1657135040
Bottom Hose <i>Manual transmission 8/88-8/91</i>	CH2426	1657235030
Bottom Hose <i>Automatic transmission</i>	CH2012	1657235060
Bottom Hose <i>Manual transmission 8/91-94</i>	CH2003	1657235120
Bottom Hose <i>Automatic transmission</i>	CH2009	1657235140
Bottom Hose <i>Pipe 1 to Engine w/Cab</i>	CH1770	1657338020
Bottom Hose <i>pipe to engine</i>	CH5372	1657335030
ByPass Hose	CH3497	1626135061

**RZN147 4 Cyl 2.0 Litre 1997-99**

Top Hose	CH2683	165717509
Bottom Hose <i>Pipe to Thermostat</i>	CH2688	1657275120
Bottom Hose <i>Radiator to Pipe</i>	CH2678	1657375020

**RZN149 2.7 Litre 3RZ 1997-ON**

Top Hose	CH2698	1657175100
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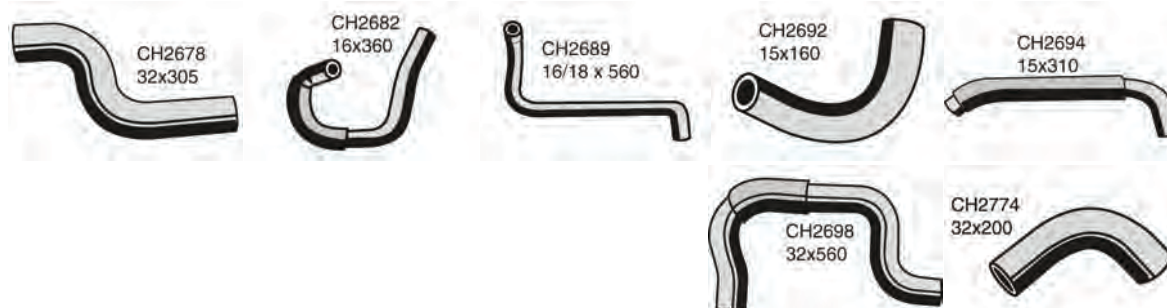
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Make Model	Description	Mackay #	O.E.M #
<b>HiLux</b>			
	Bottom Hose No 2	CH2774	1657275130
	Bottom Hose No 3	CH2678	1657375020
	Heater Hose Outlet from Heater	CH2682	872453D010
	Heater Hose	CH2689	8724635020
	Heater Hose without Metal Fitting	CH2694	8720935350
	Heater Hose Inlet A	CH2692	8724635010
<b>RZN164 2.7 Litre 3RZ 1997-ON</b>			
	Top Hose	CH2698	1657175100
	Bottom Hose No 2	CH2774	1657275130
	Bottom Hose No 3	CH2678	1657375020
	Heater Hose Outlet from Heater	CH2682	872453D010
	Heater Hose	CH2689	8724635020
	Heater Hose without Metal Fitting	CH2694	8720935350
	Heater Hose Inlet A	CH2692	8724635010
<b>RZN169R 2.7 Litre 3RZ 1997-ON</b>			
	Top Hose to 1999	CH2698	1657175100
	Top Hose 1999-ON	CH4895	1657175110
	Bottom Hose No 2	CH2774	1657275130
	Bottom Hose No 3	CH2678	1657375020
	Heater Hose Outlet from Heater	CH2682	872453D010
	Heater Hose	CH2689	8724635020
	Heater Hose without Metal Fitting	CH2694	8720935350
	Heater Hose Inlet A	CH2692	8724635010
<b>RZN174 2.7 Litre 3RZ 1997-ON</b>			
	Top Hose	CH2698	1657175100
	Bottom Hose No 2	CH2774	1657275130
	Bottom Hose No 3	CH2678	1657375020
	Heater Hose Outlet from Heater	CH2682	872453D010
	Heater Hose	CH2689	8724635020
	Heater Hose without Metal Fitting	CH2694	8720935350
	Heater Hose Inlet A	CH2692	8724635010



## TGN16 Workmate 2.7 Litre 2TRFE Engine 03/2005-2011

Top Hose	CH5113	165710C080
Bottom Hose	CH5332	165720C070
Heater Hose Inlet & outlet (2 per vehicle required)	CH4810	872450K300
Heater Hose Inlet	CH5333	872450K050
Heater Hose Outlet	CH5335	872450K040
ByPass Hose	CH5334	162610C020



## VZN130 3.0 Litre 3VZE Engine 1990-8/1992

Top Hose	CH2146	1657165011
Bottom Hose	CH2147	1657262010
Heater Hose	CH5056	8724535170
Heater Hose	CH5057	8724535090
Heater Hose	CH5117	8724535160
ByPass Hose	CH5054	1626765011
ByPass Hose	CH5053	1626165011
ByPass Hose	CH5118	1628165010



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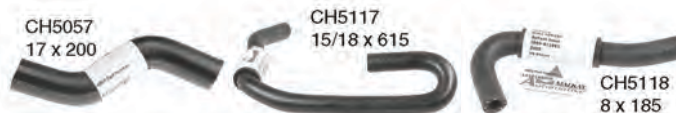
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TOYOTA

Make Model	Description	Mackay #	O.E.M #
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**HiLux****VZN167R 3.4 Litre 5VZ-FE Engine 2002-2005**

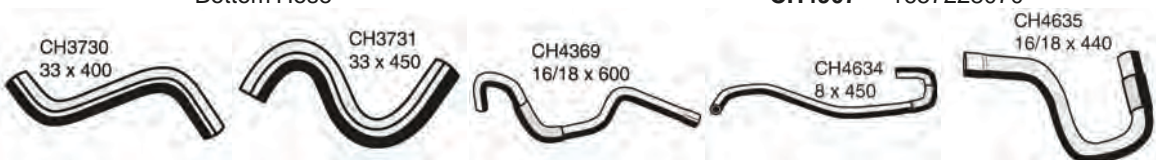
Top Hose	CH3730	1657162080
Bottom Hose	CH3731	1657262100
ByPass Hose	CH4634	1626162060
ByPass Hose <i>cut to length</i>	HH82	995561030
Heater Hose	CH4635	872453D400
Heater Hose	CH4369	8724635100

**YN 57,60,63,65,67 3Y & 4Y Engines**

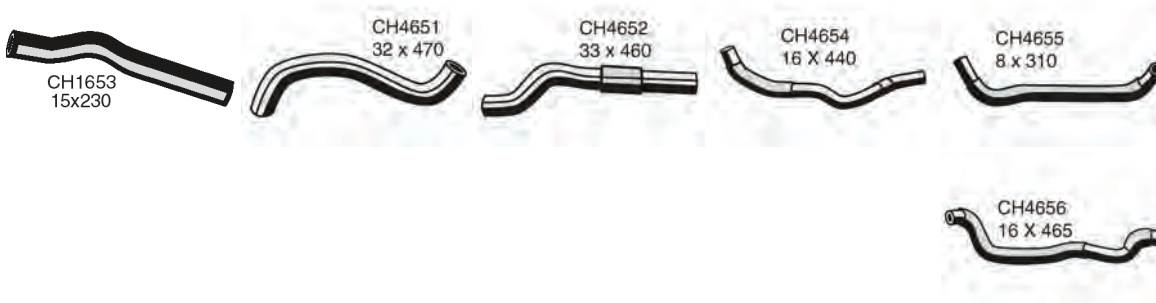
Top Hose	CH1938	1657171030
Bottom Hose	CH2161	1657271031

**KLUGER / HIGHLANDER 2.4 LITRE 2AZFE 2001-2007**

Top Hose <8/2003	CH4845	1657128110
Top Hose >8/2003	CH4849	1657128210
Bottom Hose	CH4907	1657228070

**KLUGER / HIGHLANDER MCU28R 3.3 LITRE (3MZ-FE) V6 ENGINE 8/03-5/07**

Top Hose	CH4652	1657120050
Bottom Hose	CH4651	1657220070
ByPass Hose No2 Inlet manifold to throttle body	CH4653	1626420041
ByPass Hose No3 Throttle body to thermostat housing	CH4655	1626720040
ByPass Hose No1 water outlet to thermostat housing	CH2262	1626120010
Heater Hose	CH4656	8724548250
Heater Hose	CH4654	8724548240

**KLUGER / HIGHLANDER HYBRID 3.3 LITRE 3MZFE 2006-2007**

Top Hose	CH4846	1657120091
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**LANDCRUISER****BJ40 3.0 Litre B Diesel Engine 12/1977-1980**

Top Hose	CH1328	1657156010
Bottom Hose	CH1336	1657256020

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Make Model	Description	Mackay #	O.E.M #
<b>LANDCRUISER</b>			
	ByPass Hose	CH1924	1626156012



**BJ41, BJ42, BJ45, BJ46 3.4 Litre 3B T (Diesel) 10/1980-1985**

Top Hose <i>up to 10/1981</i>	CH1328	1657156010
Top Hose <i>from 10/1981</i>	CH1601	1657156011
Bottom Hose <i>Pipe to engine up to 10/1981</i>	CH1931	1657256060
Bottom Hose - <i>Pipe to Rad</i>	CH1602	1657356022
Bottom Hose - <i>Pipe to engine from 10/1981</i>	CH1603	1657256062
ByPass Hose	CH1924	1626156012



**BJ60, BJ61 3.4 Litre 3B.Engine 1981-1985**

Top Hose	CH2151	1657158011
Bottom Hose	CH2158	1657258010



**BJ70, BJ71, BJ73, BJ74, BJ75, 3.4 Litre 3B & 13BT Engines 1984-91**

Top Hose <i>3B &amp; 13BT engines</i>	CH1922	1657158040
Bottom Hose - <i>Rad. Side 3B Engine</i>	CH1925	1657258040
ByPass Hose <i>3B &amp; 13BT Engines</i>	CH1924	1626156012



**BUNDERRA LJ70RV Diesel 11/84-90**

Top Hose	CH2000	1657154140
Bottom Hose	CH2029	1657254110



**FJ40, 45F 2F PETROL 1960-1984**

Top Hose <i>1960-12/78</i>	CH985	1657160060
Top Hose <i>1/79-7/80</i>	CH1344	1657161041
Top Hose <i>8/80-1984</i>	CH1923	1657161042
Bottom Hose - <i>Rad. Side 1960-7/76</i>	CH987	9091601057
Bottom Hose - <i>Rad. Side 8/76-7/80</i>	CH1350	1657161090
Bottom Hose - <i>Rad. Side 8/80-1984</i>	CH1926	1657161050
Bottom Hose - <i>Pump Side</i>	CH986	9091601056
ByPass Hose	CH988	1626160011



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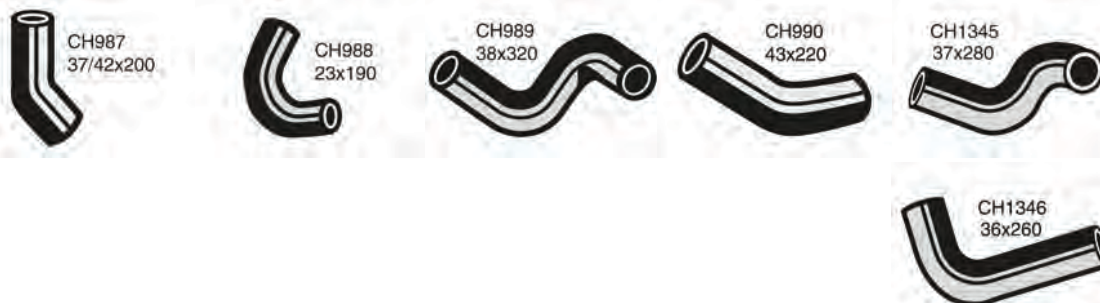
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TOYOTA

Make Model	Description	Mackay #	O.E.M #
<b>LANDCRUISER</b>			

**FJ55 6Cyl 3.9 Litre (F) 4.2 Litre (2F) Engine PETROL 1969-80**

Top Hose 69-10/73	CH989	1657160040
Top Hose 10/73-1/79	CH1345	1657160140
Top Hose 1/79-7/80	CH1346	1657161060
Bottom Hose Rad. Side 1969-7/80	CH987	9091601057
Bottom Hose Pump Side	CH990	9091601055
ByPass Hose	CH988	1626160011

**FJ60 SERIES 4.2 Petrol OHC 2F Engine 7/80-on**

Top Hose	CH1348	9091601172
Bottom Hose Rad.Side without A/C'	CH1350	1657161090
Bottom Hose Rad.Side with A/C'	CH1928	9955470185
Bottom Hose Pump Side with A/C'	CH1351	9091601163
Bottom Hose Pump Side without A/C'	CH986	9091601056
ByPass Hose	CH988	1626160011

**FJ62 4.0 Litre OHC 3F Engine PETROL 11/84-3/92**

Top Hose	CH1914	1657161110
Bottom Hose Pump Side	CH1915	1657261020
Bottom Hose Rad.Side	CH1929	1657361040
ByPass Hose	CH1932	1626161010
Heater Hose Inlet A	CH3231	8724590K53
Heater Hose Inlet B	CH3232	8724590A27
Heater Hose Outlet A	CH3229	8724590K36
Heater Hose Outlet B	CH3230	8724590A28

**FJ70 (RJ70) Series Bunderra 2.4 L 4Cyl 22R Eng 1985-91**

Top Hose	CH1768	1657135100
Bottom Hose Radiator to Pipe	CH1769	1657235130
Bottom Hose Pipe to Engine	CH1770	1657338020
Bottom Hose to 11/84	CH2019	1657235090

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Make Model	Description	Mackay #	O.E.M #
<b>LANDCRUISER</b>			



**FJ70,FJ73, FJ75 Series Troop Carrier 3F Engine PETROL 1985-92**

Top Hose	CH1916	1657161081
Bottom Hose - Radiator to Pipe	CH1915	1657261020
Bottom Hose - Pipe to Eng Man Trans	CH1917	1657361020
Bottom Hose - Pipe to Eng Auto Trans	CH2030	1657361030
ByPass Hose	CH1933	1626161020



**FJ80 6 Cyl 4.0Litre (3F Engine) 1990-92**

Top Hose	CH2554	1657161140
Bottom Hose Eng to Pipe	CH2562	1657261030
Bottom Hose Pipe to Rad	CH2553	1657361060
ByPass	CH1933	1626161020
Heater Hose Inlet	CH2497	8724560100



**FZJ78-79 4.5 Litre DOHC 1FZ-FE Engine Petrol 8/99-ON**

Top Hose	CH3138	1657166050
Bottom Hose	CH2023	1657266010



**FZJ75 4.5 Litre DOHC 1FZ-FE Engine Petrol 1992-96**

Top Hose	CH2013	1657166020
Bottom Hose	CH2023	1657266010
Heater Hose Inlet No 2	CH3550	8724560290



**FZJ80 4.5 Litre 1FZ-FE Engine 11/92-02/98**

Top Hose	CH2007	1657166030
Bottom Hose - Pipe to Engine	CH2025	1657266020
Bottom Hose - Radiator to Pipe	CH2038	1657366010
Heater Hose Outlet Eng Side With Rear Heater	CH3548	8724560340
Heater Hose Outlet engine side with rear heater	CH5530	8724560350
Heater Hose Outlet Engine side without rear heater	CH5531	8724560310
Heater Hose Inlet Heater Tap	CH5516	8724560480



**FZJ105R 4.5 Litre DOHC 1FZE engine 1/98-On**

Top Hose	CH2531	1657166040
Bottom Hose Radiator to pipe	CH2521	1657366020
Bottom Hose Pipe to Engine	CH2524	1657266021
Heater Hose Inlet A	CH3093	872456A030
Heater Hose Inlet B	CH2873	872456A040

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Make	Model	Description	Mackay #	O.E.M #
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## LANDCRUISER

Heater Hose *Inlet rear heater*

CH3092 872456A160



## HDJ78 4.2 Litre Turbo Diesel 1HDFTE engine 2001-07

Top Hose

CH1920 1657117020

Bottom Hose

CH3400 1657217150



## HJ47, 4.0 Litre (2H) Diesel Eng 1981-84

Top Hose

CH1342 1657168020

Bottom Hose

CH1343 1657268020

ByPass Hose (1983-84)

CH1936 9955540090



## HJ60. 6Cyl 4.0 Litre (2H) Diesel Engine 1981-84

Top Hose

CH1340 1657168010

Bottom Hose

CH1341 1657268010

ByPass Hose 8/83-on

CH1936 9955540090

Heater Hose *Rear*

CH3228 8724590A33

Heater Hose *Outlet Rear Heater*

CH3227 8724590A03

Heater Hose *Inlet Rear Heater*

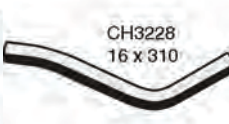
CH3226 8724590A24

Heater Hose *Rear Heater Pipe to Heater*

CH3224 8724590A05

Heater Hose *Outlet Rear Heater*

CH3225 8724590A19



## HJ61, 4.0 Litre (Diesel Turbo) 1986-90

Top Hose

CH1340 1657168010

Bottom Hose

CH1341 1657268010

ByPass Hose

CH1936 9955540090

Heater Hose *Inlet Engine to Pipe*

CH3546 8724590A36

Heater Hose *Outlet*

CH3553 8724514500

Heater Hose *Outlet unit to pipe*

CH3547 8724590A38

Heater Hose *Heater Inlet to Pipe rear Hose Manual Trans*

CH3582 8724590A39

Heater Hose *OutLet to rear Heater Auto Trans*

CH3555 8724590A34

Heater Hose *Inlet Pipe to Heater*

CH3551 8724590A37

Heater Hose *Outlet to Rear Heater Manual Trans*

CH3552 8724590A14



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Make Model	Description	Mackay #	O.E.M #
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## LANDCRUISER

CH3551  
16 x 270



CH3552  
16 x 270



CH3553  
16 x 270



CH3555  
16 x 350

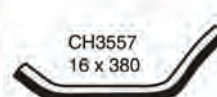


CH3582  
13 x 480



### HJ75, 2H Diesel Engine 1985-87

Top Hose	CH1561	1657168050
Bottom Hose	CH1562	1657268050
ByPass Hose	CH1936	9955540090
Heater Inlet Hose No 1	CH3557	8724590K05
Heater Hose No 2	CH3558	8724590K06



### HZJ70, HZJ73, HZJ75, HZJ78 Series 4.2 Litre 1HZ Diesel Engine 1985-2001

Top Hose	CH1920	1657117020
Bottom Hose up to 8/2001	CH1921	1657217020
Bottom Hose 9/01 - 2007	CH3400	1657217150
Heater Hose Inlet No 2 & 3 HZJ70, HZJ73, HZJ75	CH3544	872451B060
Heater Hose Inlet No 1 HZJ70, HZJ73, HZJ75	CH3545	8724560160
Heater Hose Outlet HZJ70, HZJ73, HZJ75	CH3554	8724560171
Heater Hose Outlet No 1	CH3549	8724590K07
Heater Hose Outlet HZJ78	CH3631	872456A410
Heater Hose to tap HZJ78	CH3630	872456A400

### HZJ79 4.2 Litre Diesel engines 10/99-10/2007

Top Hose	CH1920	1657117020
Bottom Hose 8/01-2004	CH3400	1657217150
Bottom Hose Up to 0/01	CH1921	1657217020
Heater Hose Inlet No 1	CH3545	8724560160
Heater Hose Outlet	CH3554	8724560171
Heater Hose Inlet No 2	CH3550	8724560290



### 80 Series 1990-98

#### HZJ 80 4.2 Litre 1 HZ Diesel Engine 1990-1998

Top Hose	CH2001	1657117010
Bottom Hose	CH2031	1657217010
Heater Hose inlet	CH5285	8724560110
Heater Hose inlet 1995-98	CH5369	8724560430
Heater Hose inlet 1995-1998 (with out metal pipe)	CH5388	8724560420
Heater Hose Rear Outlet	CH3073	8720960150
Heater Hose Outlet	CH3076	8724560120
Heater Hose Outlet A W/O rear Heater 1995-98	CH5370	8724560600
Heater Hose Outlet B W/O rear Heater 1995-98	CH5371	8724560620



### 4.2 litre 1HD-T (Turbo) Diesel Engine

Top Hose	CH2001	1657117010
Bottom Hose	CH2031	1657217010

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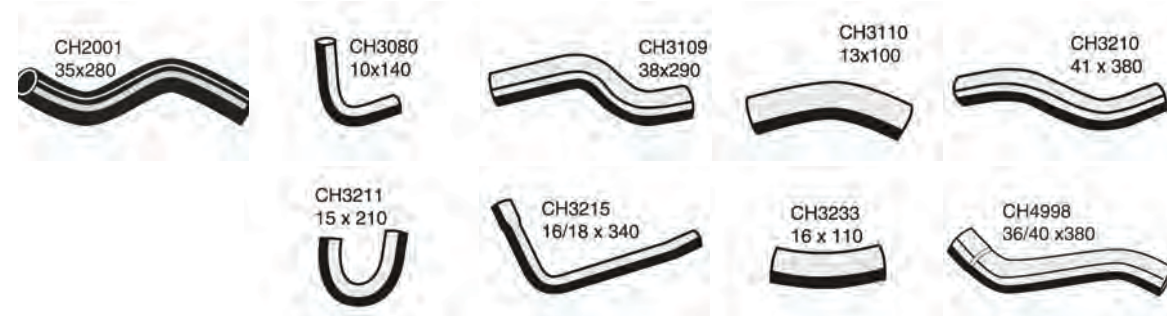
Make Model	Description	Mackay #	O.E.M #
<b>LANDCRUISER</b>			

**4.2 litre 1HD-FT (Turbo 24 Valve) Diesel Engine 1990-96**

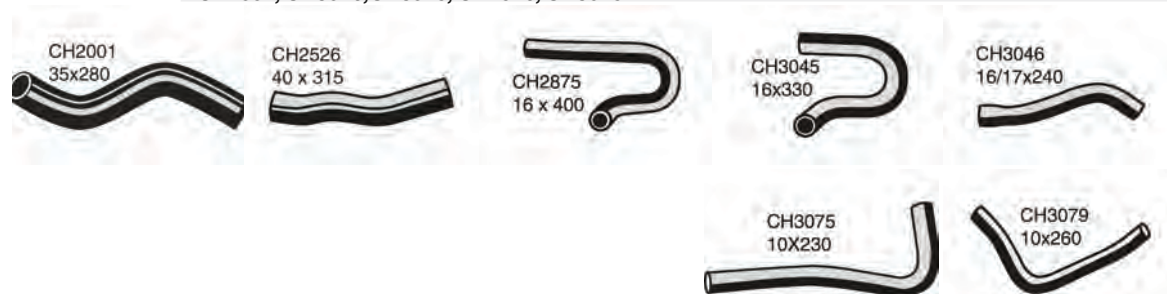
Top Hose	CH2001	1657117010
Bottom Hose	CH2031	1657217010
Heater Hose <i>Inlet</i> Hose No3	CH3072	8724560320
Heater Hose <i>Rear</i> Outlet	CH3073	8720960150
Heater Hose <i>Outlet</i>	CH3076	8724560120
ByPass No1	CH3079	1626117010
ByPass No2	CH3075	1626417011
Turbo Charger Water	CH3080	1628417010

**HDJ100R 4.2 Litre 1HDFT Turbo Diesel 2000-07**

Top Hose	CH2001	1657117010
Bottom Hose No1	CH3109	1657117080
Bottom Hose No2	CH3210	1657217130
Bottom Hose 8/2002-ON	CH4998	1657217090
Heater Hose <i>Rear</i> Inlet	CH3110	872456A280
Heater Hose <i>Inlet</i> C	CH3233	872456A250
Heater Hose <i>Outlet</i>	CH3211	872456A270
Heater Hose <i>Outlet</i> B	CH3215	872456A231
Turbo Water Hose	CH3080	1628417010

**HZJ105R 1HZ engine 4.2 Litre Diesel 1/98-ON**

Top Hose	CH2001	1657117010
Bottom Hose	CH2526	1657217140
Heater Hose <i>Inlet</i> B	CH2875	872456A080
Heater Hose <i>Inlet</i> A	CH3046	872456A020
Heater Hose <i>Inlet</i> B (with rear Heater)	CH3045	872456A300
ByPass No1	CH3079	1626117010
ByPass No2	CH3075	1626417011
Hose Pack w/out rear heater Contains: CH3079, CH2001, CH3046, CH3075, CH2526, CH2875	CHVP25	
Hose Pack with rear heater Contains: CH3079, CH2001, CH3046, CH3075, CH2526, CH3045	CHVP26	

**HJ45 6 Cyl 3.6 Litre (H) Diesel Eng 1972-80**

Top Hose 4/72-4/80	CH1316	1657147010
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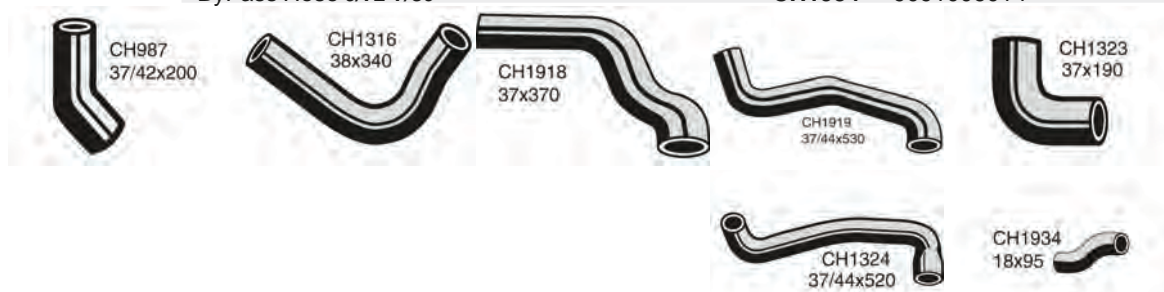
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Make Model	Description	Mackay #	O.E.M #
<b>LANDCRUISER</b>			
	Top Hose 4/80-7/80	CH1918	1657147030
	Bottom Hose - Rad.Side	CH1919	1657247030
	Bottom Hose - Rad.Side 4/72-10/78	CH987	9091601057
	Bottom Hose - Rad.Side 10/78-10/80	CH1324	1657247021
	Bottom Hose - Pump Side 4/72-10/80	CH1323	9091601072
	ByPass Hose 9/72-7/80	CH1934	9091006014



## KZJ73 2.4 Litre 2LTE engine 5/1993-4/1996 (USA Application)

Top Hose	CH5176	1657167020
Bottom Hose	CH5177	1657267020



## UZJ100 V8 Petrol Engine 1/98-On

Top Hose	CH2529	1657150150
Bottom Hose	CH2527	1657250150



## UZJ200 V8 2UZFE Engine 11/2007-ON

Top Hose	CH4893	1657150240
Bottom Hose	CH4896	1657250220



## VDJ200 V8 1VDFTV diesel 11/2007-ON

Top Hose	CH4892	1657151030
Bottom Hose	CH4894	1657251030



## LEXGEN

### 3.8 Litre VN 1989-90

Top Hose	CH1644	92034841
Bottom Hose	CH1643	92032574
ByPass Hose	CH1684	92060241
Heater Hose - Engine Water Outlet Rear	CH1683	92032572
Heater Hose - Heater ByPass	CH1645	92036187
Heater Hose - Engine to Water Valve	CH1646	92036182
Heater Hose - Water Valve to Heater Inlet	CH1647	92036183
Heater Hose - Heater Outlet to Water Valve	CH1648	92036184
Heater Hose - Water Valve to Engine	CH1649	92036185



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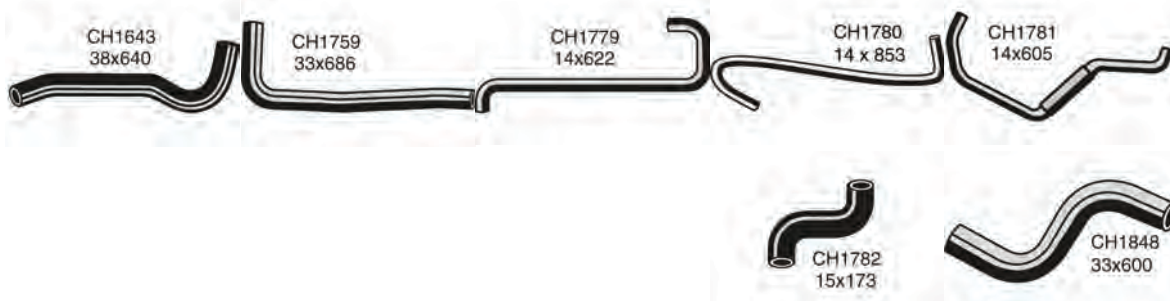
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Make Model	Description	Mackay #	O.E.M #
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**LEXGEN****3.8 Litre V6 VP,VR 1990-94**

Top Hose <i>less ABS brakes</i>	<b>CH1759</b>	92040986
Top Hose <i>with ABS brakes</i>	<b>CH1848</b>	92046089
Bottom Hose	<b>CH1643</b>	92032574
Heater Hose	<b>CH1779</b>	92041540
Heater Hose	<b>CH1780</b>	92041511
Heater Hose	<b>CH1781</b>	92041539
ByPass Hose	<b>CH1782</b>	92060721

**LITE ACE KM20 1.3 LITRE 4K - C ENGINE 10/79-85**

Top Hose	<b>CH935</b>	1657113050
Bottom Hose	<b>CH1357</b>	1657213030

**LITE ACE KM36R 1.5 LITRE 5K ENGINE 1986-92**

Top Hose	<b>CH4221</b>	1657113170
Bottom Hose (W/O Power Steering)	<b>CH4267</b>	1657213140

**LITE ACE 2Y ENGINE 1986-1990**

Top Hose	<b>CH3331</b>	1657172050
Bottom Hose	<b>CH3332</b>	1657272050

**LITE ACE 4WD 3Y ENGINE 1986-1990**

Top Hose	<b>CH3333</b>	1657173060
Bottom Hose	<b>CH3334</b>	1657273050



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Make Model	Description	Mackay #	O.E.M #
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## LITE ACE CR28 2.0 LITRE 2CT ENGINE 1992-

Top Hose	CH4937	1657164031
Bottom Hose	CH4931	1657264100



## LITE ACE TURBO DIESEL CR30G CR37G NZ & EXPORT

Top Hose	CH3017	1657164220
Bottom Hose	CH3015	1657164100
Bottom Hose 1992-93	CH3066	1657264110



## LITE STOUT RK43 15 CWT. 1965-69

ByPass Hose	CH701	9091601037
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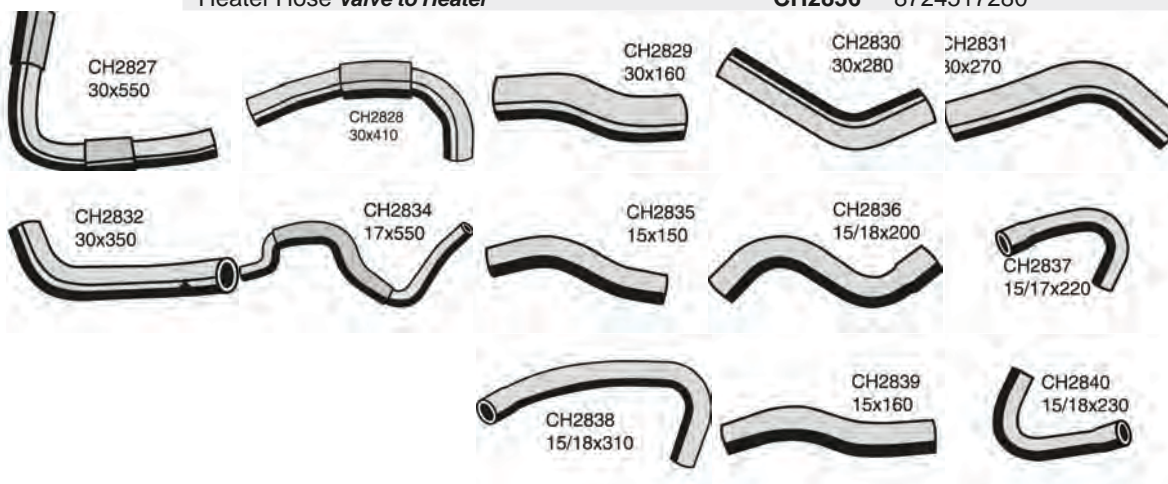
## MR2 AW10,AW11 1.6 LITRE 4AGZE 1985-90

Top Hose Filler neck to water outlet	CH4278	1657116030
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## MR2 SW20 3SGE 2 LITRE DOHC 16v 1990-98

Top Hose Radiator to Pipe	CH2829	1657374020, 1657474010
Top Hose Engine to Pipe to 10/93	CH2827	1657174150
Top Hose Engine to Pipe from 11/93	CH2828	1657174300
Bottom Hose Engine to Pipe	CH2832	1657674010
Bottom Hose Radiator to Pipe	CH2830	1657274140
Bottom Hose Pipe to Radiator	CH2829	1657474010, 1657374020
Bottom Hose Pipe to Pipe	CH2831	1657574010
Heater Hose Return Pipe from 6/96	CH2840	8724517171
Heater Hose Return Pipe to 5/96	CH2837	8724517170
Heater Hose Engine to Pipe	CH2834	8724517190
Heater Hose Pipe to Valve from 6/96	CH2839	8724517271
Heater Hose Pipe to Valve to 5/96	CH2835	8724517270
Heater Hose Return Pipe to Engine	CH2838	8724517201
Heater Hose Valve to Heater	CH2836	8724517280



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Make Model	Description	Mackay #	O.E.M #
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**MR2 ZZW30 SERIES 1.8 LITRE 1ZZFE ENGINE 2000-2005**

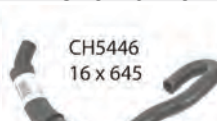
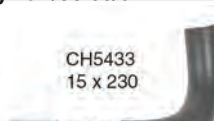
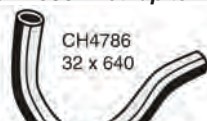
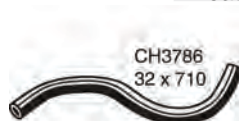
Top Hose <i>radiator to pipe</i>	CH4904	1657122040
Top Hose <i>pipe to pipe</i>	CH4900	1657322010
Bottom Hose <i>radiator to pipe</i>	CH4908	1657222040
Bottom Hose <i>pipe to pipe</i>	CH4881	1657422010
Bottom Hose <i>pipe to engine</i>	CH4913	1657522010

**PASEO 5EFE 1.5 LITRE 1996-ON**

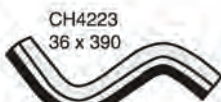
Top Hose	CH3090	1657111240
Lower Radiator to Thermostat <i>Manual Trans</i>	CH3087	1657211250

**PRADO 90 SERIES 1996-2002****4 Cyl RZJ95R Seires 3RZ-FE 2.7 Litre Engine**

Top Hose	CH4786	1657175180, 165710C021
Bottom Hose	CH3786	1657275090
Heater Hose <i>Inlet Tap to Heater 7/96-07/00</i>	CH5433	8724535520
Heater Hose <i>Outlet Heater to pipe 7/96-07/00</i>	CH5447	8724535380
Heater Hose <i>Inlet Tap to Engine 7/96-05/02</i>	CH5446	8724535440

**4 Cyl KZJ95R 3.0 Litre Diesel**

Top Hose	CH4222	1657167070
Bottom Hose	CH4223	1657267070
Heater Hose <i>Inlet A (4/96-8/2000)</i>	CH4270	8724560710
Heater Hose <i>Outlet A (4/96-7/98)</i>	CH4380	8724535810
Heater Hose <i>Outlet A (7/98-8/00)</i>	CH4381	872453D120
Heater Hose <i>Inlet B</i>	CH4271	8724535790
Heater Hose <i>Outlet B (4/96-7/98)</i>	CH4382	8724535820
Heater Hose <i>Outlet B (7/98-8/00)</i>	CH4383	872453D130
Heater Hose <i>Outlet C (4/96-8/2000)</i>	CH4273	8724560740

**V6 5VS-FE 3.4 litre Engine**

Top Hose	CH2213	1657107030, 1657162070
Bottom Hose	CH4216	1657262070, 1657262090
Bottom Hose <i>export only (1996-2002)</i>	CH4465	1657207030
Heater Hose <i>Outlet A</i>	CH4199	8724535400
Heater Hose <i>Outlet B</i>	CH4200	8724560860
Heater Hose <i>Inlet C</i>	CH4198	8724535610
Heater Hose	CH4732	872453D160

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Make Model	Description	Mackay #	O.E.M #
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## PRADO 90 SERIES 1996-2002

Hose Pack contains: CH4198, CH4200, CH4199,  
CH2213, CH4216

CHVP34



## PRADO 120 SERIES 2.7 LITRE 3RZFE ENGINE 10/02-08/04

Top Hose

CH5105

1657175230

Bottom Hose

CH5448

1657275240



## PRADO 120 SERIES 3.0 LITRE 1 KZTE TURBO DIESEL 2003-2006

Top Hose

CH3729

1657167110

Bottom Hose

CH3728

1657230050

Heater Hose A

CH3740

872453D540

Heater Hose B

CH3738

872453D630

Heater Hose C

CH3739

872453D590

ByPass Hose *thottle bypass*

CH4733

1628567010

ByPass Hose *thottle bypass*

CH4734

1628467020

Hose Pack contains: CH3728, CH3740, CH3738,  
CH3739, CH3729

CHVP32



## PRADO 120 SERIES 4.0 LITRE V6 DOHC 1GRFE ENGINE 2003-2006

Top Hose

CH3759

1657131130

Bottom Hose

CH3755

1657231170

ByPass Water Hose A *sub assembly*

CH3750

8720960880

ByPass Water Hose B *sub assembly*

CH3752

8720960890

ByPass Hose *throttle bypass*

CH4730

1626131020

ByPass Hose B

CH3757

1628231010

ByPass Hose

CH3754

1626431010

ByPass Hose A

CH3751

1628131011

Heater Hose A

CH3753

872456A380

Heater Hose B

CH3758

1626731010

Heater Hose C

CH3756

872456A620

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TOYOTA

Make Model	Description	Mackay #	O.E.M #
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**PRADO 120 SERIES 4.0 LITRE V6 DOHC 1GRFE ENGINE 2003-2006**

Hose Pack contains: CH3753, CH3757, CH3754,  
CH3756, CH3758, CH3752, CH3750, CH3755, CH3759,  
CH3751

CHVP33

**PRADO KDJ120R SERIES 3.0 LITRE 1KDFTV DIESEL ENGINE 11/2006-10/2009**

Top Hose	CH5420	1657130060
Bottom Hose	CH3728	1657230050
Heater Hose <i>Inlet Pipe to Heater</i>	CH5422	8724560A10
Heater Hose <i>Inlet Pipe to Pipe</i>	CH5421	8724560A00
Heater Hose <i>Outlet Pipe to Heater</i>	CH5424	8724560A30
Heater Hose <i>Outlet pipe to pipe</i>	CH5536	8724560A20

**PRIUS NHW11 SERIES 1.5 LITRE 1NZFXE ENGINE 2000-03**

Top Hose	CH4878	1657121040
Bottom Hose	CH4911	1657221010

**PRIUS 1.5 LITRE 1NZFXE ENGINE 2003-07**

Top Hose	CH4884	1657121080
Bottom Hose	CH4851	1657221060

**RAV4 SXA10R 2.0 LITRE 3SFE ENGINE 1994-00**

Top Hose	CH2043	1657174310, 1657174400
Bottom Hose	CH2044	1657274250
Heater Hose	CH2045	8724542020
Heater Hose	CH2046	8724542010
Heater Hose <i>Inlet 1997-2000</i>	CH4102	8724542070

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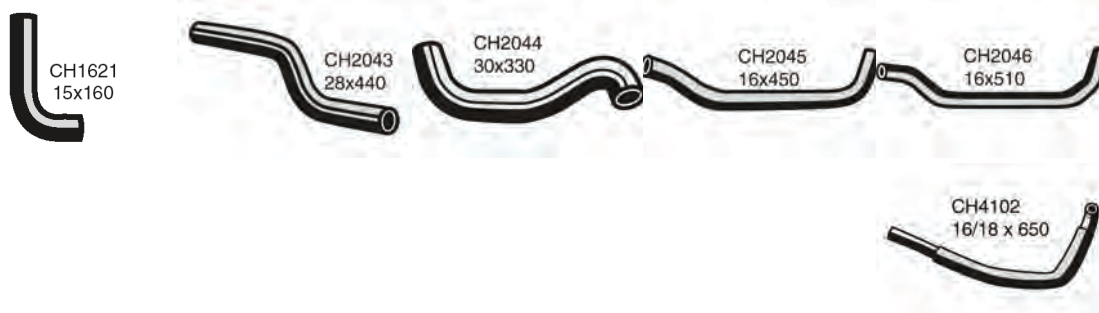
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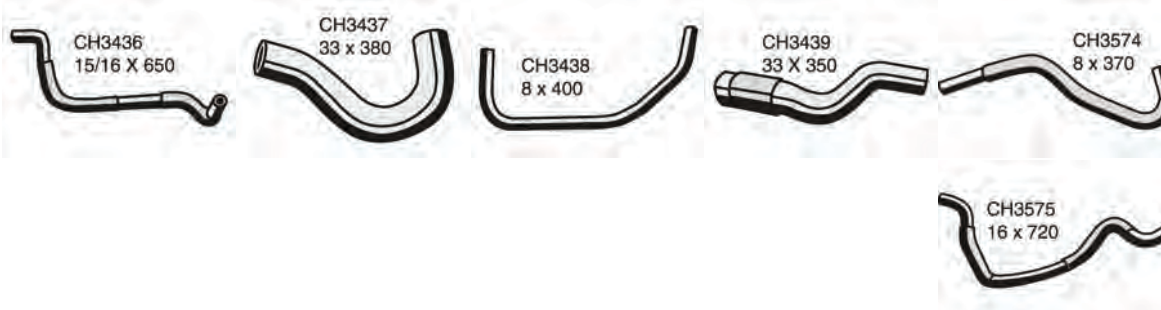
Make Model	Description	Mackay #	O.E.M #
<b>RAV4 SXA10R 2.0 LITRE 3SFE ENGINE 1994-00</b>			
	ByPass Hose	CH1621	1626174010



<b>RAV4 SXA11R 2.0 LITRE 3SFE ENGINE 1994-00</b>			
	Top Hose	CH5246	1657174400
	ByPass Hose No 2	CH5230	1626774030
	ByPass Hose No 3	CH5231	1626474030
	Heater Hose inlet B	CH5229	8724542080



<b>RAV4 ACA20R &amp; ACA21R SERIES 2 LITRE 1AZ-FE ENGINE 07/00-9/03</b>			
	Top Hose	CH3439	1657128060
	Bottom Hose	CH3437	1657228030
	ByPass Hose No1	CH3438	1626128020
	ByPass Hose No 2	CH3574	1626428080
	Heater Hose No 1	CH3436	8724542190
	Heater Hose No 2	CH3575	8724542200



<b>RAV4 ACA22R &amp; ACA23R SERIES 2.4 LITRE 2AZ-FE ENGINE 09/03-10/05</b>			
	Top Hose	CH3439	1657128060
	Bottom Hose	CH3437	1657228030
	Heater Hose Outlet	CH4152	8720942030
	Heater Hose Inlet	CH4149	8724542270



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TOYOTA

Make Model	Description	Mackay #	O.E.M #
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**RAV4 ACA33R SERIES 2.4 LITRE 2AZ-FE ENGINE 11/05-ON**

Top Hose	CH5463	1657128250
Bottom Hose	CH4151	1657228210
Heater Hose <i>Outlet</i>	CH4154	8724542350
Heater Hose <i>Inlet</i>	CH4206	8720942060
ByPass Hose	CH5444	1628228120
ByPass Hose	CH5443	1226228021
ByPass Hose <i>engine to pipe</i>	CH5465	1626428120
ByPass Hose <i>engine to manifold</i>	CH5466	1626128100
ByPass Hose <i>Recovery Bottle to Pipe</i>	CH5445	1626128070
ByPass Hose <i>Engine Oil cooler Coolant hose to block</i>	CH4124	1628128010

CH4124  
13 x 210CH4151  
32/36 x 480CH4154  
16 x 690CH4206  
16 x 580CH5443  
9 x 290CH5444  
8 x 200CH5445  
8 x 164CH5463  
32/36 x 690CH5465  
8 x 345CH5466  
8 x 340**RAV4 ACA38R SERIES 2.4 LITRE 2AZ-FE ENGINE 2010-2013**

Top Hose	CH5463	1657128250
Bottom Hose	CH4151	1657228210
Heater Hose <i>Outlet</i>	CH4154	8724542350
Heater Hose <i>Inlet</i>	CH4206	8720942060
ByPass Hose	CH5444	1628228120
ByPass Hose	CH5443	1226228021
ByPass Hose <i>engine to pipe</i>	CH5465	1626428120
ByPass Hose <i>engine to manifold</i>	CH5466	1626128100
ByPass Hose <i>Recovery Bottle to Pipe</i>	CH5445	1626128070
ByPass Hose <i>Engine Oil cooler Coolant hose to block</i>	CH4124	1628128010

CH4124  
13 x 210CH4151  
32/36 x 480CH4154  
16 x 690CH4206  
16 x 580CH5443  
9 x 290CH5444  
8 x 200CH5445  
8 x 164CH5463  
32/36 x 690CH5465  
8 x 345CH5466  
8 x 340**RAV4 GSA33 3.5 LITRE 2GRFE ENGINE 2007-08**

Bottom Hose	CH4883	1657231210
ByPass Hose <i>Recovery Bottle to Pipe</i>	CH5445	1626128070
Heater Hose <i>Outlet</i>	CH5464	8720942070
Heater Hose <i>Inlet</i>	CH5442	8724542380

CH4883  
32/36 x 450CH5442  
16 x 475CH5445  
8 x 164CH5464  
16 x 570**SIENNA 3.3 LITRE 3MZFE ENGINE 2005-2006**

Bottom Hose <i>to 9/05</i>	CH5151	16572AA020
Bottom Hose	CH5154	16572AA021








CH5151  
32/37 x 565CH5154  
32/36 x 535

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Make Model	Description	Mackay #	O.E.M #
<b>SIENNA 3.5 LITRE 2GRFE ENGINE 2007-ON</b>			
	Bottom Hose	CH5155	165720P140
			
<b>SOARER JZZ30 2.5 LITRE 1JZGTE ENGINE 1990-97</b>			
	Top Hose	CH5112	1657146050
			
<b>SOARER UZZ31, 32 3.0 LITRE 1UZFE ENGINE 1990-97</b>			
	Top Hose	CH5110	1657150040
			
<b>SPACIA SR40 2.0 LITRE 3SFE ENGINE 1997-2001</b>			
	Top Hose	CH5107	1657174410
			
<b>STARLET KP60 933cc 1979</b>			
	Bottom Hose	CH1417	1657113090
			
<b>STARLET EP80,82 1.0, 1.3 LITRE 1989-95</b>			
	Top Hose	CH3938	1657111080
	Bottom Hose	CH4148	1657211130
			
<b>STARLET EP90 1.3 LITRE 4EFE ENGINE 1995-ON</b>			
	Heater Hose	CH4103	8724516380, 8724516381
	Heater Hose	CH4142	8724516390
			
<b>STARLET 1.3 L DOHC 4AFE ENGINE 1996-99</b>			
	Top Hose	CH2500	1657111250
	Bottom Hose	CH2463	1657211280
	Heater Hose No1	CH2464	8724540410

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TOYOTA

Make Model	Description	Mackay #	O.E.M #
<b>STARLET 1.3 L DOHC 4AFE ENGINE 1996-99</b>			
	Heater Hose	CH2465	8724516470



<b>STOUT</b>			
<b>RK101, 110 5R Engine 10/70-ON</b>			
	ByPass Hose	CH1347	1626144010
<b>RK110 1979-83</b>			
	Top Hose	CH2430	1657144110
	Bottom Hose	CH2429	1657244031



<b>SUPRA MA61 2.8 LITRE 1982-86</b>			
	ByPass Hose	CH3498	1626745020



<b>TACOMA 2.4 LITRE 2RZFE ENGINE 1999-2004</b>			
	Top Hose	CH4838	165710C011
	Bottom Hose	CH4830	165720C011



<b>TACOMA 2.7 LITRE 3RZFE ENGINE 1998-2004</b>			
	Top Hose	CH4786	1657175180, 165710C021



<b>TACOMA 4.0 LITRE 1GRFE ENGINE 2005-07</b>			
	Bottom Hose	CH5156	165720P020



<b>TARAGO ACA30R 2.4 LITRE 2AZFE 2000- 03/06</b>			
	Top Hose	CH4203	1657128050
	Bottom Hose	CH4204	1657228200

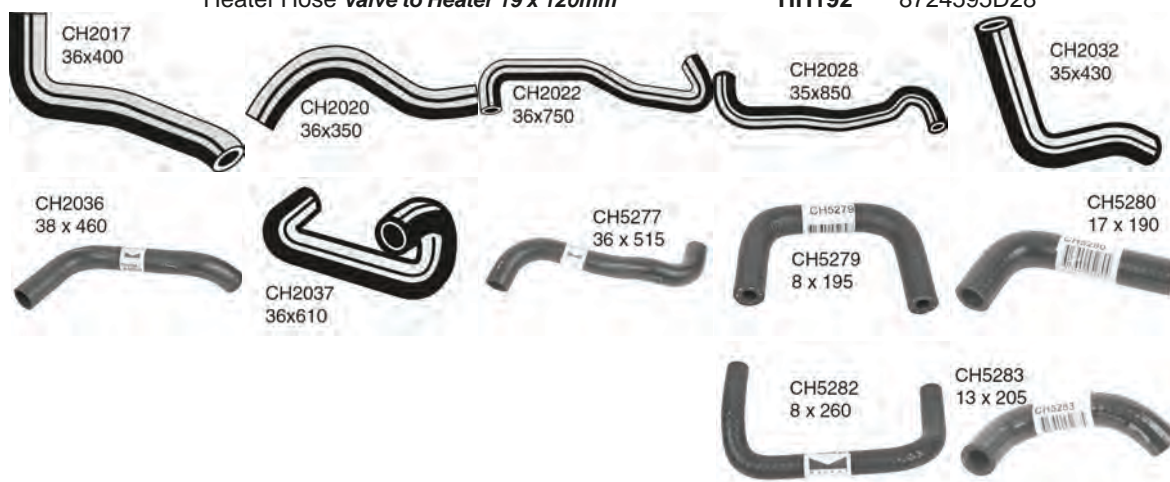


<b>TARAGO TCR 10.11.20.21 2.4 LITRE 2TZFE ENGINE 1990-2000</b>			
	Top Hose Radiator to Pipe (to 2/92)	CH2037	1657276020
	Top Hose Radiator To Pipe (2/92-on)	CH5277	1657276022
	Top Hose Pipe to Engine (to 2/92)	CH2036	1657176030
	Top Hose Pipe to Engine (2/92 on)	CH2017	1657176031

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Make Model	Description	Mackay #	O.E.M #
<b>TARAGO TCR 10,11,20,21 2.4 LITRE 2TZFE ENGINE 1990-2000</b>			
Bottom Hose	Pipe to Engine (to 2/92)	CH2032	1657476010
Bottom Hose	Pipe to Engine (2/92 on)	CH2020	1657476011
Bottom Hose	Radiator to Pipe (to 2/92)	CH2022	1657376020
Bottom Hose	Radiator to Pipe (2/92 on)	CH2028	1657376021
Water Hose	Outlet to Engine 8x 130mm	HH82	9955510100
ByPass Hose	# 1 8x270mm	HH82	9044516041
ByPass Hose	#2 10 x 130mm	HH102	1734276010
ByPass Hose	#6 8 x 100mm	HH82	1628176010
ByPass Hose	#8	CH5279	1626176030
ByPass Hose	#9	CH5282	1626476011
ByPass Hose	# 10 ( 8 x 130mm)	HH82	9955510100
Heater Hose	Coupling to Engine	CH5280	8724595D31
Heater Hose	Heater To Pipe 2	CH5283	8724595D23
Heater Hose	Engine to Pipe 1 19 x 700mm	HH192	8724595D30
Heater Hose	Valve to Heater 19 x 120mm	HH192	8724595D28



## TARAGO YR20- 22 1983-90

### YR20 1.8 Litre 1983-84

Top Hose	CH1498	1657171010
Bottom Hose	CH1500	1657271010

### YR21 (2.0 Litre) 1984-90

Top Hose	CH1499	1657173020
Bottom Hose	CH1500	1657271010

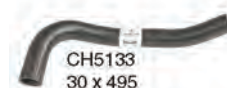
### YR22 (2.2 Litre) 1988-90

Top Hose	CH2850	1657173050
Bottom Hose	CH1500	1657271010



## TERCEL 1AC/3AC ENGINE 1975-1980 (LHD)

Bottom Hose	CH5133	1657215030
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## TOWN ACE / SPACIA 2.0 & 2.2 LITRE ENGINE 1992-97

Top Hose	CH2005	1657172080
Bottom Hose	CH1500	1657271010
Heater Hose	Inlet B 400MM	HH1592
Heater Hose	Inlet A 125mm	HH1592
Heater Hose	Outlet A 260mm	HH1592










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TOYOTA

Make Model	Description	Mackay #	O.E.M #
TOYOTA	<b>TOWN ACE KR42R 1.8 LITRE 7K ENGINE 1998-2003</b>		
	Top Hose	CH5178	1657113290
			
	<b>TOWN ACE KR42R 1.8 LITRE EFI 7KE ENGINE 1998-2003</b>		
	Top Hose	CH5111	165717104
			
	<b>TUNDRA 4.0 LITRE 1GRFE ENGINE</b>		
	Bottom Hose 2005-2006	CH5153	165720P010
	Bottom Hose 2007-ON	CH5157	165720P170
			
TOYOTA	<b>TUNDRA 4.7 LITRE 2UZFE ENGINE 2000-07</b>		
	Bottom Hose	CH4836	165720F010
			
	<b>TUNDRA 4.7 LITRE 2UZFE ENGINE 2007-ON</b>		
	Bottom Hose	CH4914	165720F020
			
	<b>TUNDRA 5.7 LITRE 3URFE ENGINE 2007-</b>		
	Top Hose	CH4833	165710S010
	Bottom Hose	CH5148	165720S010
			
TOYOTA	<b>YARIS NCP90R 1.3 LITRE 2NZFE ENGINE 10/05-ON</b>		
	Top Hose Radiator side	CH4108	1657321040
	Top Hose Engine side	CH4107	1657121120
	Bottom Hose	CH4109	1657221090
	Heater Hose Outlet	CH4111	8724552100
	Heater Hose Inlet	CH4110	8724552080
			
	<b>YARIS NCP91R.NCP93R 1.5 LITRE 1NZFE ENGINE 10/05 ON</b>		
	Top Hose radiator side	CH4112	1657321060
	Top Hose Engine side	CH4107	1657121120
	Bottom Hose	CH4109	1657221090

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Make Model	Description	Mackay #	O.E.M #
<b>YARIS NCP91R,NCP93R 1.5 LITRE 1NZFE ENGINE 10/05 ON</b>			
	Heater Hose Inlet	<b>CH4110</b>	8724552080
	Heater Hose Outlet	<b>CH4111</b>	8724552100



TOYOTA

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TRIUMPH

Make	Model	Description	Mackay #	O.E.M #
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## TRIUMPH

### 2000, 2500, 2.5 Pi Mk. 1 & 2 1964-78

Top Hose	CH642	210624, GRH262
Bottom Hose	CH643	GRH267



### GT6 1998cc 1966-73

Top Hose	CH4324	GRH533
Bottom Hose	CH4325	GRH513



### TR2,3, 3A

Bottom Hose	CH4311	GRH389
ByPass Hose	CH4188	105598
Heater Hose	CH5164	105176



### TR4, 4A, TR5, TR250, TR6 1962-76

Top Hose	CH5174	158289
Heater Hose Inlet	CH3821	623284
Heater Hose Outlet	CH3820	623285
Heater Hose Feed	CH3819	627310
ByPass Hose inlet manifold to return pipe	CH5169	157689
ByPass Hose outlet pipe to water pump	CH5170	ERC2279
ByPass Hose water pump to inlet manifold, carby only	CH5171	GZA1002



### TR4A 1965-68

Top Hose	CH5011	GRH453, 101571, 129936
Bottom Hose	CH5010	130038



### TR5, TR6, TR250 1968-76

Top Hose 1975-1976	CH5008	UKC5238, GRH800
Bottom Hose (radiator to sensor)	CH5009	158290
Bottom Hose pipe to pump	CH5007	145397, 154145, GRH393

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Make Model	Description	Mackay #	O.E.M #
<b>TR5, TR6, TR250 1968-76</b>			



<b>TR7 1975-76</b>			
Top Hose (left hand side)	CH5006	GRH523	
Top Hose (left hand side carburettor model)	CH5003	GRH661	
Top Hose (right hand side)	CH5004	GRH599	
Top Hose (right hand side fuel injected 1979-on)	CH5175	GRH663	
Top Hose	CH5166	GRH664	
Bottom Hose	CH5005	GRH524	
Heater Hose (pipe to water pump return)	CH5002	UKC7954	
Heater Hose (heater to pipe return)	CH5168	UKC3895	
Heater Hose	CH5172	UKC4457	
Heater Hose Cyl Head to heater	CH5173	UKC6775	



<b>TR8 1979-ON</b>			
Bottom Hose with heater only	CH5165	GRH603	
Bottom Hose with A/C	CH5001	GHR501	
Expansion Tank Hose	CH5000	UKLC2104	



<b>TR8 1980-81</b>			
Top Hose left with A/C	CH4277	GRH628	



<b>TR250, 5, 6 1967-76</b>			
Top Hose	CH4106	145640, 148996, 154148, GZA971, GRH387, GRH386	
Heater Hose Heater Return Angled	CH3818	627311	



## VAUXHALL

<b>CAVALIER 1.6, 1.8 LITRE 1981-ON</b>			
Hose - Pipe to Water Pump to CH No.1064890, HV129380	CH1429	90128022	



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Make Model	Description	Mackay #	O.E.M #
<b>CHEVETTE 1300 1975-84</b>			
	Top Hose	CH1097	91010008
<b>FIRENZA</b>			
<b>1300 1970-73</b>			
	Top Hose	CH1097	91010008
<b>1600, 2000 1971-73</b>			
	Bottom Hose - with Heater	CH892	2694738
<b>VICTOR FD 1600, 2000 1967-71</b>			
	Bottom Hose - with Heater	CH892	2694738,8813367

**VIVA**

<b>HA1057cc 1963-66</b>			
	Top Hose	CH626	6384828
<b>HB 1159cc 1966-70</b>			
	Top Hose	CH1097	91010008
	Bottom Hose - with Heater 1968-69	CH848	7184510
<b>HC 1256cc 1970-79</b>			
	Bottom Hose - with Heater	CH848	7184510
<b>HC 1600 1970-72</b>			
	Bottom Hose - with Heater	CH892	2694738,8813367



## VOLKSWAGEN

**BEETLE 9C 1999-2007**

ByPass Hose <i>from flange to fluid cooler</i>	CH4727	1C0121096A
ByPass Hose <i>from flange to oil cooler to waterpipe</i>	CH4726	1C0121086L
ByPass Hose <i>from fluid cooler to water pipe</i>	CH4735	1C0121058A

**CADDY 1.4 & 1.6 LITRE PETROL 11/92-12/2000**

Top Hose	CH5221	1H0121101P
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**CADDY 1.5 DIESEL & 1.6 LITRE PETROL 10/82-1/92**

Top Hose	CH4486	533121101F
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**CADDY 2K 1.9 LITRE BLSTDI ENGINE 2006-11/10**

Top Hose	CH5436	1K0121101CE
Bottom Hose	CH5437	3C0122051BK
ByPass Hose <i>Radiator Fitting to T Piece</i>	CH5438	1K0121447CM
ByPass Hose <i>Exhaust Cooler to Flange</i>	CH5450	3C0121157AA

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Make Model	Description	Mackay #	O.E.M #		
<b>CADDY 2K 1.9 LITRE BLSTDI ENGINE 2006-11/10</b>					
ByPass Hose <i>oil cooler to water pipe</i>		CH5538	1K0121058BF		
CH5436 30 x 552	CH5437 31 x 796	CH5438 8 x 450	CH5450 18 x 325	CH5538 15/19 x 270	
<b>CABRIOLET 1985-90</b>					
Bottom Hose		CH2323	171121051G	CH2323 32/35x260	
<b>FOX 1.8 LITRE (BRAZIL PRODUCTION) 1987-1993</b>					
Top Hose <i>with A/C</i>		CH4589	3051211012		
Top Hose <i>without A/C</i>		CH4593	3051211013		
		CH4589 31/32 x 330	CH4593 30/32 x 540		
<b>GOLF 1.5 L (Diesel) 1977-81</b>					
Top Hose (less A/C)		CH2320	068121101B	CH2320 32x310	
<b>1.6 L (Petrol) 1975-76</b>					
Top Hose (less A/C)		CH2322	171121101B		
Bottom Hose Suits Angled Radiator Flange		CH2326	171121051F/B		
Heater Valve to Tank		CH2321	171121611E		
Top Hose 1980-81		CH2344	321121101B		
		CH2321 16/24 x 305	CH2322 33x250	CH2326 32/35x209	CH2344 32/35x450
<b>GOLF / JETTA 1.6 &amp; 1.8 Litre Diesel 1985-1992</b>					
Top Hose <i>with Air con</i>		CH4400	191121101B		
Top Hose		CH4401	191121101Q		
Top Hose <i>with Air con</i>		CH4461	191121101S		
		CH4400 31/34 x 1000	CH4401 31 x 500	CH4461 30 x 410	
<b>GOLF II 1984-92</b>					
Bottom Hose 1.6, 1.8 Litre Petrol 1.6 Litre D, TD		CH3978	191121051F		
Heater Hose Inlet 1.8i 16v & 2.0i		CH3982	191819371H		
Oil Cooler Hose 1.6, 1.8 Litre Petrol 1.6 Litre D, TD		CH3980	037121058A		
Heater Hose Inlet 1.0, 1.3, cabby, 1.3i		CH3983	191819373C		
Heater Hose Inlet 1.6, 1.8 Petrol 1.6 Litre D		CH3981	191819371E		
Heater Hose Outlet 1.6, 1.8 Petrol 1.6 Litre D		CH3984	191819373D		
ByPass Hose <i>Thermostat at w/pump</i>		CH3979	026121053G		
1.6, 1.8 Petrol 1.6 Litre D					
ByPass Hose <i>water pump to coolant pipe</i>		CH4025	068121063M		
CH3978 29/31 x 350	CH3979 24 x 420	CH3980 15 x 220	CH3981 19/24 x 550	CH3982 20/25 x 570	

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Make Model	Description	Mackay #	O.E.M #
<b>GOLF</b>			
  			
<b>GOLF 1992-98</b>			
	Top Hose 1.6, 1.8 2.0 Litre petrol	CH4147	1H0121101B
	Bottom Hose <i>with air con</i> 1.8,2.0i, 1.9 TD	CH3974	1H0121051C
	Bottom Hose <i>without air</i> 1.8,2.0i, 1.9 TD	CH3973	1H0121051B
	Expansion Tank Hose 1.8,2.0i, 1.9 TD	CH3985	1H0121109A
	Heater Hose inlet <i>with Air/con</i>	CH3977	1H08189371
	<i>for radiator 630 x 380mm</i>		
	ByPass Hose 1.8 Litre 2/1988-5/97 Thermostat to water pump	CH5208	037121053H
    			
			
<b>GOLF 1996-12/2000</b>			
	Heater Hose Inlet	CH3901	1H0819371E
			
<b>GOLF TYPE 4 1.6 LITRE AEH ENGINE 1998-2002</b>			
	ByPass Hose <i>pipe to reservoir</i>	CH5086	1J0121058AC
			
<b>GOLF TYPE 4 2.0 LITRE APK</b>			
	ByPass Hose <i>oil cooler to Top Hose</i>	CH5082	1J0121086BG
	Expansion Tank Hose <i>header tank to pipe</i>	CH5083	1J0122109AC
 			
<b>GOLF TYPE 4 1.8 LITRE AGU ENGINE 1999-05</b>			
	ByPass Hose	CH5084	1J0121086BR
	ByPass Hose <i>pipe to pipe</i>	CH5087	06A121069C
 			
<b>GOLF TYPE 5 GTi DSG 2 LITRE BWATURBO PETROL 2005-09</b>			
	ByPass Hose ( <i>manual</i> )	CH5066	06F121057C
	ByPass Hose ( <i>manual</i> )	CH5058	1K0121447DP
	ByPass Hose ( <i>manual</i> )	CH5067	06F121058D
	ByPass Hose ( <i>manual</i> ) Expansion Tank to pipe	CH5063	1K0122109AL
	ByPass Hose ( <i>manual</i> )	CH5065	1K0122063G
	ByPass Hose ( <i>manual</i> )	CH5122	06F121101
	Bypass Hose ( <i>manual</i> )	CH5138	1K0121073S

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Make Model	Description	Mackay #	O.E.M #
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## **GOLF TYPE 5 GTi DSG 2 LITRE BWA TURBO PETROL 2005-09**

Bypass Hose (*manual*)  
Heater Hose (*manual*)

**CH5164** 06F121447  
**CH5070** 1K0121073BF



## **GOLF TYPE 5 1.9 LITRE BXE 14 SOHC T/DIESEL 2006-2007**

Bottom Hose  
ByPass Hose *EGR Cooler hose*  
ByPass Hose *pipe to reservoir*  
ByPass Hose *reservoir to pipe*  
Expansion Tank Hose *tank to pipe*  
Expansion Tank Hose *expansion tank to pipe*  
ByPass Hose *Top Hose to hose*

**CH5093** 1K0121086AN  
**CH5094** 1K0121157AG  
**CH5096** 1K0121058AD  
**CH5098** 1K0121096AB  
**CH5095** 1K0121447T  
**CH5134** 1K0122109AR  
**CH5097** 1K0121447DH



## **JETTA 1600 & 1700CC 1980-83**

Top Hose (*with A/C*)

**CH4689** 171121101H



## **PASSAT**

### **1.5 L (Diesel) 1974-81**

Bottom Hose

**CH2319** 056121051

### **1.6 (Petrol) 1975-**

Top Hose

**CH2344** 321121101A



## **PASSAT 1.6i ADP**

ByPass Hose  
ByPass Hose *flange to water pipe*

**CH3803** 048121063  
**CH4231** 050121101











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VOLKSWAGEN

Make Model	Description	Mackay #	O.E.M #
<b>PASSAT 1.8i ADR, AFY, AEB, APU, ANB, APT, ARG</b>	ByPass Hose	CH3803	048121063
			
<b>PASSAT 1.8 LITRE RA, SB T/DIESEL 8/1988-09/1993</b>	Top Hose	CH5204	357121101A
			
<b>PASSAT 1.9 TDI AHU, AAD, ACE, ABB</b>	ByPass Hose	CH3803	048121063
			
<b>PASSAT MK2 1985-88</b>	Top Hose	CH4687	321121101AE
			
<b>POLO CLASSIC 1.9 TDi SDi 2000-02</b>	Bypass Hose Oil cooler to pipe	CH3972	6K0121086E
			
<b>RABBIT 1.6 (PETROL) 1975-76</b>	Top Hose less Air con	CH4457	171121101E
	Hose Water Pump to Head	CH2324	055121053B
		 	
<b>SCIROCCO 1.8 LITRE 1974-92</b>	Top Hose 1982-89	CH4489	17121101AM
			

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Make Model	Description	Mackay #	O.E.M #
<b>TRANSPORTER 1.9 LITRE ABL ENGINE 10/92-4/03</b>			
	Bottom Hose	CH5237	044121051J

CH5237  
32 x 1070



<b>TRANSPORTER T4 SERIES 2.4 LITRE AAB, AJA DIESEL 7/90-04/03</b>			
	Bottom Hose	CH5236	074121051D

CH5236  
32/36 x 980



## VOLVO

<b>120, 140 SERIES B18, B20 ENGINES</b>			
	Engine Breather Hose	CH1525	460003

CH1525  
12 x 375



<b>122 SERIES 1.8 LITRE B18 ENGINE 1962-66</b>			
	Top & Bottom	CH4460	273189

CH4460  
25/28 x 160



### 140 SERIES

#### B20 Engine 1971-74

Top Hose	CH1028	273236-0
Bottom Hose	CH1029	273237
Heater Hose	CH1524	460585
Heater Hose	CH4456	2808430

#### 140 Series 1967- 68

Top Hose	CH4451	273190
Bottom Hose	CH1901	273191

#### 140 Series 1969 -70

Top Hose	CH4454	273193
Bottom Hose	CH4455	273194

#### 140 Series 1972-74

Bottom Hose	CH1902	273279
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### 164

1969-70	Top Hose with A/C	CH1903	686097
	Bottom Hose with A/C	CH1034	687141
1971-75	Top Hose	CH1903	686097

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VOLVO

Make Model	Description	Mackay #	O.E.M #
<b>164</b>			
	Bottom Hose	CH1034	687141

**1800 SERIES 1969-70**

Bottom Hose	CH1902	73191
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**240**

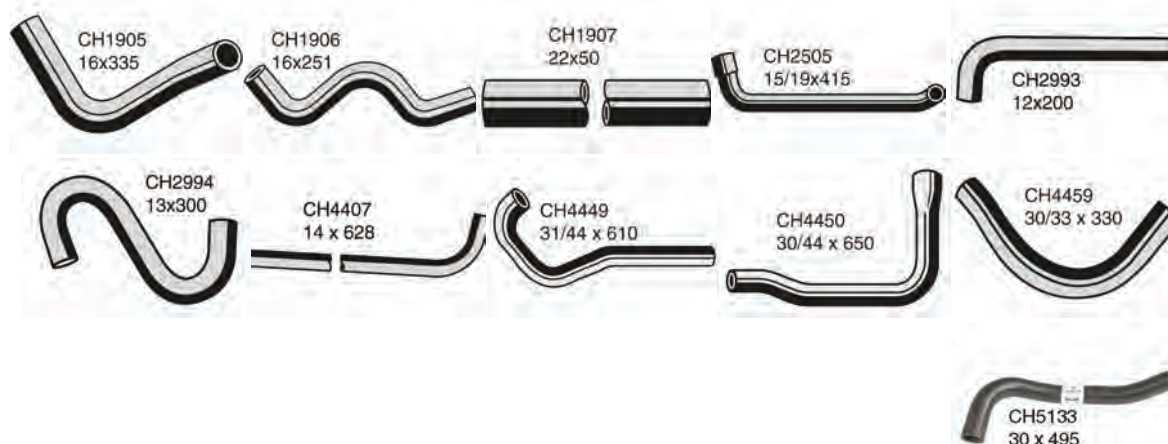
1975	Heater Hose	CH1905	460581
1975-80	Bottom Hose	CH5133	460617
1976-80	Flame Trap Hose	CH1907	947836
1975-93	Heater Hose Less Turbo	CH1906	463524
1976-80	Radiator to Reservoir	CH2505	463307

**240 2.3 Litre 4 Cyl 1975-81**

Cold start (Emission) Valve Bottom Hose	CH2993	463804
Cold start (Emission) Valve Top Hose	CH2994	463805

**240 Turbo B20, B21, B23 Engines 1975-93**

Breather Hose 1981-1985 only	CH4407	1303931
240 / 260 2.0, & 2.5 Litre Diesel 1980-85		
Top Hose	CH4449	1257365
Bottom Hose	CH4450	1257264
Bottom Hose with intercooler(1981-85)	CH4459	1346495

**242,244,245 1975-ON**

Top Hose	CH1312	12199907
Bottom Hose	CH1113	4633061

**260 1976-83**

Hose- Rear Water Pump	CH1908	943370
Hose- Cyl. Head to water pump	CH1909	246589



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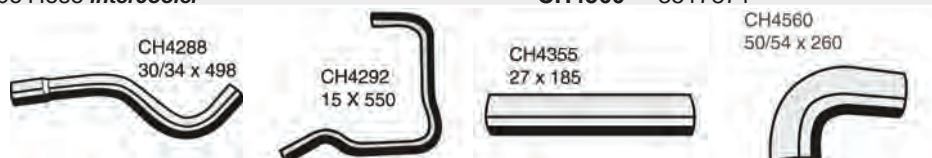
Make Model	Description	Mackay #	O.E.M #
<b>262, 264, 265 1975-ON</b>			
	Top Hose	CH1158	464014
	Bottom Hose	CH1159	464015



<b>700/900 4 CYL 1992-95</b>			
	Heater Hose	CH2490	3507412



<b>740 B230, 740T B23FT, 940 B234, 940T B230F 1992-95</b>			
	Top Hose	CH4288	3547147
	Heater Hose <i>heater to pipe</i>	CH4292	3507413
	Turbo Hose <i>Intercooler to Connector RH</i>	CH4355	1336977
	Turbo Hose <i>intercooler</i>	CH4560	3517871



<b>740/760 4CYL (2316CC) 1984-93</b>			
	Top Hose (Non Turbo)	CH2369	137783/3514517
	Top Hose	CH2362	1276376-9
	Expansion Tanl Hose	CH3114	9155496



<b>740/760 4CYL 1BF23T TURBO 1984-93</b>			
	Top Hose	CH1910	1317334



<b>760 2.3 LITRE TURBO DIESEL D24TIC 1983-87</b>			
	Top Hose	CH4445	1257347
	Bottom Hose	CH4432	1257992



<b>760/780 V6 B28 1983-90</b>			
	Top Hose	CH1912	464969
	Bottom Hose Head	CH2206	464970



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**VOLVO**

Make Model	Description	Mackay #	O.E.M #
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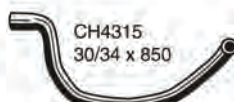
## 760/780 V6 B280 1983-90

Top Hose	CH1911	1271442
Bottom Hose	CH2385	1274902/35114982
Hose- W/Pump to cyl Head	CH1913	1218310



## 850, S70, V70 TURBO 1992-98

Bottom Hose <i>Exc Turbo</i> 1993-98	CH4315	6842428
Bottom Hose	CH4282	3507930
Turbo Hose <i>intercooler outlet Upper</i>	CH4284	9161092
Turbo Hose <i>intercooler input lower</i> 5/95-97	CH4442	6842167



## 850 2.5 LITRE B5252F ENGINE 1992-97

Top Hose 1993-90	CH4314	1335433
ByPass Hose <i>Thermostat to Expansion Tank</i> 1994-97	CH4290	9135267
Expansion Tank Hose <i>Tank to return pipe</i> 1994-97	CH4319	6842894
Expansion Tank Hose <i>to return pipe</i> 1993 only	CH4559	1335435



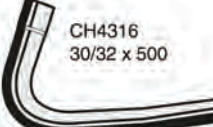
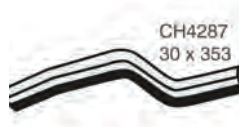
## 940T/960T 2.3 & 2.8 LITRE 1991-97

Turbo Hose <i>intercooler intake</i>	CH4558	3547919
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## 960 B280 V6 1991-97

Top Hose	CH4316	9142043
Bottom Hose	CH4287	1397546
Heater Hose <i>return pipe to Heater core</i>	CH4291	9161000



## B18,B20,B23FT,B230

Bottom Hose	CH2390	35149897
Bottom Hose Turbo	CH2363	135193, 6842129



## B234:B230FT 1988-93

Heater Hose ( <i>inner</i> )	CH2401	1378850
Heater Hose ( <i>outer</i> )	CH2400	1378849
Heater Hose	CH2418	3514990

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Make Model	Description	Mackay #	O.E.M #
<b>B234:B230FT 1988-93</b>			
	Heater Hose	<b>CH2416</b>	9141261-9



<b>B230 LESS TURBO 1984-93</b>			
	Bottom Hose	<b>CH1904</b>	1326834,3514988



<b>S40, V40 2.0 LITRE B4204S 2000-04</b>			
	Bottom Hose 2000 only	<b>CH4467</b>	30851917



<b>S80 2.9 LITRE B6304F ENGINE 1999-2006</b>			
	Top Hose	<b>CH4466</b>	9485581
	Bottom Hose	<b>CH4468</b>	9485584



<b>S90, V90 2.9 LITRE B6304F 1997-ON</b>			
	ByPass Hose oil cooler inlet	<b>CH4413</b>	1236178
	ByPass Hose oil cooler outlet	<b>CH4414</b>	1236179
	Heater Hose inlet head to heater core	<b>CH4416</b>	9155499



## WOLSELEY

<b>1800 Mk.1,2 S RANGE WOLSELEY 18/85 1964-72</b>			
	Top Hose	<b>CH662</b>	GRH250
	Bottom Hose	<b>CH673</b>	GRH208



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Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length
CH3314	3		250	CH4585	8	10	540	CH3625	8		300	CH3799	10	14	300
CH2199	4		95	CH5308	8	10	1025	CH3647	8		300	CH3812	10	15	280
CH2568	6	8	200	CH5467	8	11	285	CH3751	8		300	CH3817	10	15	400
CH4708	6	9	720	CH4981	8	11	660	CH4392	8		300	11-4796	10		181
CH4996	6	9	850	11-4669	8	11	946	CH4405	8		300	CH2120	10		90
CH4358	6	13	337	CH4047	8	12	730	CH5164	8		305	CH1660	10		130
11-4158	6	16	292	CH5090	8	12	840	CH4655	8		310	CH3565	10		130
CH3577	6		120	CH3796	8	14	520	CH5360	8		310	CH3080	10		140
CH5366	6		128	CH5286	8	15	270	CH3508	8		330	CH4218	10		180
CH3583	6		130	CH3816	8	15	360	CH3568	8		330	CH2121	10		200
CH1840	6		140	11-2985	8	44	368	CH3601	8		330	CH3075	10		230
CH3509	6		200	11-2989	8	44	410	CH5466	8		340	CH3079	10		260
CH4730	6		220	11-4348	8		470	CH5465	8		348	CH4132	10		335
CH2752	6		230	CH4246	8		483	CH2763	8		350	CH4045	10		450
CH2570	6		340	CH4431	8		100	CH2104	8		370	CH5032	10		470
CH4645	6		380	CH3471	8		110	CH3574	8		370	CH4541	10		520
CH2251	6		840	CH3119	8		120	CH5368	8		375	CH5288	10		530
CH3599	6		1530	CH3665	8		120	CH3506	8		380	CH4583	10		590
CH2715	7	8	310	CH5295	8		125	CH3521	8		380	CH4584	10		730
CH4781	7	9	280	CH4767	8		140	CH4647	8		380	CH5508	10		700
CH4561	7	9	297	CH4642	8		145	CH4677	8		380	CH5529	10		310
CH3991	7	9	510	CH2472	8		150	CH2225	8		390	CH3990	11	14	860
CH3847	7	11	200	CH2777	8		150	CH2456	8		390	CH5063	11	15	790
CH4778	7	11	660	CH3518	8		150	CH5227	8		400	CH4842	11	16	480
CH4784	7	11	750	CH3522	8		150	CH2702	8		400	CH252	11		50
CH5045	7	11	890	CH3589	8		150	CH2749	8		400	CH3578	11		80
CH1839	7		25	CH3757	8		150	CH2760	8		400	CH4750	11		120
CH3686	7		100	CH5410	8		152	CH3207	8		400	CH3202	11		200
CH3570	7		120	CH2204	8		160	CH3438	8		400	CH4158	11		225
CH3685	7		130	CH2626	8		160	CH3507	8		400	CH4840	11		230
CH3688	7		130	CH3083	8		160	CH3118	8		420	CH3880	11		410
CH4757	7		130	CH3505	8		160	CH5163	8		430	CH5383	12	15	205
CH2273	7		140	CH5435	8		160	CH5455	8		435	CH5384	12	15	305
CH3600	7		150	CH5445	8		164	CH5060	8		440	CH5385	12	15	462
CH3715	7		150	CH2628	8		165	CH2477	8		445	CH1586	12	15	850
CH4782	7		150	CH5341	8		165	CH3088	8		450	CH2492	12	16	500
CH4799	7		150	CH2849	8		170	CH4634	8		450	CH2492	12	16	500
CH5054	7		150	CH3112	8		170	CH5438	8		450	CH3114	12	17	560
CH2283	7		155	CH5299	8		175	CH5367	8		468	CH4247	12		86
CH2266	7		160	CH2224	8		180	CH4980	8		475	CH4248	12		305
CH2870	7		160	CH2758	8		180	CH2776	8		520	CH4249	12		305
CH3659	7		170	CH3635	8		180	CH2173	8		540	11-2467	12		330
CH2877	7		180	CH4789	8		180	CH4925	8		555	CH5301	12		105
CH3169	7		180	CH5118	8		185	CH5321	8		555	CH2746	12		120
CH3658	7		180	CH2751	8		190	CH3293	8		650	CH5231	12		135
CH2285	7		190	CH3091	8		190	CH4664	8		690	CH3821	12		150
CH4865	7		190	CH5317	8		190	CH4770	8		720	CH4738	12		150
CH3754	7		200	CH4826	8		195	CH3646	8		780	CH4843	12		160
CH2274	7		210	CH5279	8		195	CH4686	8		785	CH2993	12		200
CH2284	7		210	CH5431	8		195	CH4121	8		860	CH5382	12		200
CH2973	7		210	CH2514	8		200	CH4122	8		940	CH2106	12		220
CH4556	7		215	CH3645	8		200	CH3219	8		980	CH5230	12		228
CH2281	7		220	CH4700	8		200	CH2109	8		1020	CH1525	12		230
CH2878	7		220	CH4762	8		200	CH2756	8		1800	CH3367	12		230
CH4626	7		220	CH5444	8		200	CH5547	8		290	CH4751	12		240
CH4638	7		225	CH2634	8		215	CH5551	8		265	CH5169	12		240
CH2270	7		230	CH2759	8		220	CH5600	8		275	CH5028	12		245
CH2974	7		230	CH2759	8		220	CH5599	8		334	CH3655	12		250
CH4690	7		230	CH3472	8		220	CH3466	9	10	480	CH4769	12		260
CH3168	7		240	CH4644	8		220	CH3467	9	10	540	CH5461	12		280
CH3621	7		250	CH5300	8		220	CH3373	9	15	220	CH1585	12		300
CH2272	7		260	CH5322	8		220	CH1379	9		90	CH5302	12		310
CH3845	7		260	CH4290	8		223	CH4733	9		95	CH1657	12		330
CH4668	7		260	CH4653	8		225	CH3284	9		100	CH3819	12		330
CH4673	7		260	CH2937	8		230	CH5130	9		114	CH4763	12		330
CH4862	7		275	CH2984	8		230	CH5411	9		135	CH5171	12		340
CH2269	7		290	CH2287	8		240	CH4734	9		140	CH1656	12		340
CH3844	7		300	CH2572	8		240	CH3443	9		150	CH5298	12		395
CH4200	7		300	CH5312	8		240	CH3683	9		150	CH5460	12		400
CH4220	7		300	CH5340	8		240	CH3898	9		150	CH5199	12		480
CH4470	7		300	CH5441	8		240	CH3579	9		180	CH5199	12		480
CH4779	7		300	CH4992	8		250	CH3258	9		200	CH5198	12		490
CH4469	7		320	CH2995	8		260	CH3256	9		220	CH5198	12		490
CH4852	7		330	CH5282	8		260	CH3257	9		220	CH5134	12		640
CH4718	7		340	CH3269	8		261	CH3580	9		250	CH3887	12		770
CH3619	7		350	CH2738	8		270	CH5475	9		262	CH4116	12		1100
CH3879	7		350	CH2748	8		270	CH5058	9		263	CH5429	12		1344
CH3618	7		380	CH2842	8		270	CH2656	9		270	CH5540	12		238
CH4802	7		380	CH3567	8		270	CH4409	9		280	CH5541	12		385
CH3684	7		400	CH3626	8		270	CH5443	9		290	CH5554	12		202
CH4719	7		415	CH3824	8		270	CH3465	9		295	CH5274	13	15	255
CH5097	7		460	CH5115	8		270	CH3581	9		300	CH4627	13	15	460
CH5031	7		585	CH5201	8		280	CH4631	9		300	CH5271	13	15	491
CH2947	7		640	CH2223	8		280	CH1126	9		350	CH5273	13	15	525
CH4557	7		680	CH3590	8		280	CH3584	9		350	CH5462	13	15	132
CH4936	7		750	CH3828	8		280	CH5131	9		380	CH5387	13	16	205
CH3839	7		770	CH4761	8		280	CH4629	9		500	CH2979	13	16	320
CH5289	7		860	CH5095	8		280	CH3140	9		560	CH4666	13	16	320
CH2493	7		1030	CH5201	8		280	CH2307	9		610	CH5569	13	16	240
CH5042	7		1040	CH5430	8		285	CH3538	9		700	CH1801	13	17	190
CH5055	7		1300	CH1844	8		290	CH791	9		700	11-4788	13	17	356
CH3084	7		2000	CH4702	8		290	CH3139	9		810	CH5044	13	17	410
CH5552	7		197	CH5137	8		290	CH3312	9		1126	11-4787	13	17	419
CH4120	8	9	440	CH5334	8		295	CH3034	9		1600	11-4789	13	17	514
CH5147	8	10	130	CH2762	8		300	CH5512	9		175	11-4794	13	17	559
CH4080	8	10	250	CH2906	8		300	CH1479	10	12	110	11-4786	13	17	1918
CH2175	8	10	265	CH2944	8		300	CH1478	10	12	140	CH2491	13	19	100
CH4245	8	10	406	CH2985	8		300	CH4899	10	12	770	11-4790	13	19	540

Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length
CH4436	13	20	239	CH3217	14		480	CH953	15		110	CH4262	15		380
CH4394	13	21	155	CH1646	14		490	CH701	15		120	CH2571	15		385
CH4408	13	21	190	CH3985	14		500	CH1976	15		125	CH5084	15		385
11-0516	13		121	CH3297	14		510	CH2584	15		130	CH1954	15		390
11-3232	13		130	CH3012	14		530	CH4176	15		130	CH2818	15		390
11-4125	13		165	CH2279	14		580	CH2016	15		150	CH4174	15		390
11-4792	13		229	CH2282	14		580	CH2826	15		150	CH1949	15		400
11-4806	13		254	CH1645	14		600	CH2835	15		150	CH3245	15		400
11-3887	13		260	CH1645	14		600	CH3660	15		150	CH4162	15		400
11-2431	13		360	CH1781	14		605	CH4746	15		150	CH4726	15		400
11-2587	13		360	CH1781	14		605	CH4178	15		155	CH2271	15		405
11-4815	13		483	CH1779	14		622	CH1621	15		160	CH1036	15		410
11-4776	13		889	CH4407	14		628	CH2692	15		160	CH2286	15		410
CH3110	13		100	CH1649	14		650	CH2839	15		160	CH5421	15		415
CH4417	13		110	CH1647	14		680	CH5447	15		160	CH1962	15		420
CH752	13		120	CH1688	14		700	CH1972	15		165	CH4735	15		420
CH3648	13		140	CH2276	14		720	CH3203	15		170	CH4535	15		422
CH4159	13		155	CH2275	14		740	CH3435	15		170	CH1975	15		425
CH3411	13		170	CH2275	14		740	CH1782	15		173	CH2255	15		425
CH3820	13		170	CH4416	14		800	CH5296	15		180	CH1971	15		435
CH2234	13		185	CH2152	14		825	CH5310	15		182	CH1548	15		440
CH4399	13		200	CH1780	14		853	CH5373	15		193	CH1888	15		440
CH5283	13		205	CH4427	15	16	500	CH3453	15		200	CH2693	15		440
CH5297	13		210	CH3436	15	16	650	CH2788	15		210	CH4531	15		445
CH1684	13		210	CH1326	15	16	950	CH3211	15		210	CH5182	15		450
CH4124	13		210	CH5291	15	17	160	CH3726	15		210	CH1793	15		460
CH4612	13		210	CH2837	15	17	220	CH1932	15		215	CH1948	15		460
CH4888	13		225	CH3637	15	17	260	CH2265	15		215	CH5082	15		460
CH3224	13		240	CH2596	15	17	340	CH3980	15		220	CH4163	15		470
CH3498	13		240	CH3639	15	17	430	CH1653	15		230	CH1947	15		480
CH5330	13		240	CH5371	15	17	455	CH2145	15		230	CH4208	15		480
CH2800	13		250	CH3283	15	17	740	CH3108	15		230	CH1863	15		485
CH3499	13		250	CH3283	15	17	740	CH5433	15		230	CH4157	15		485
CH4202	13		250	CH1325	15	17	850	CH2555	15		243	CH2723	15		490
CH5331	13		255	CH4530	15	18	195	CH1841	15		245	CH4413	15		490
CH2235	13		260	CH2836	15	18	200	CH1524	15		250	CH2041	15		500
CH4613	13		260	CH2442	15	18	217	CH2701	15		250	CH3204	15		500
CH2953	13		280	CH2840	15	18	230	CH2721	15		250	CH4745	15		500
CH3644	13		280	CH5343	15	18	247	CH2844	15		250	CH3244	15		510
CH2994	13		300	CH3302	15	18	257	CH4160	15		250	CH5192	15		510
CH3410	13		300	CH3030	15	18	260	CH1845	15		255	CH5191	15		515
CH3410	13		300	CH3059	15	18	280	CH2219	15		255	CH2306	15		520
CH4139	13		300	CH3423	15	18	300	CH2478	15		255	CH2590	15		530
CH2952	13		320	CH2838	15	18	310	CH2144	15		260	CH4747	15		530
CH3818	13		330	CH4538	15	18	327	CH1842	15		280	CH5087	15		535
CH3025	13		340	CH5375	15	18	335	CH1950	15		280	CH5346	15		535
CH3497	13		350	CH1650	15	18	350	CH1957	15		280	CH1861	15		540
CH3416	13		380	CH1977	15	18	360	CH2569	15		280	CH1970	15		540
CH3418	13		400	CH4532	15	18	360	CH5180	15		280	CH2156	15		540
CH2767	13		410	CH4536	15	18	410	CH5173	15		290	CH4414	15		540
CH2768	13		410	CH2560	15	18	420	CH1062	15		290	CH2171	15		545
CH3415	13		420	CH2991	15	18	440	CH1966	15		290	CH2811	15		550
CH3226	13		440	CH2812	15	18	450	CH2458	15		290	CH2813	15		550
CH2769	13		460	CH5162	15	18	464	CH5067	15		290	CH2814	15		550
CH3582	13		480	CH3419	15	18	500	CH5086	15		290	CH4292	15		550
CH5550	13		330	CH5285	15	18	545	CH1063	15		300	CH2465	15		570
CH5553	13		260	CH3721	15	18	600	CH2435	15		300	CH4725	15		610
11-4941	14	17	394	CH5117	15	18	615	CH2564	15		300	CH4261	15		620
CH3638	14	17	430	CH2563	15	18	685	CH2843	15		300	CH3252	15		630
CH1799	14	17	630	CH4254	15	18	720	CH4727	15		300	CH3656	15		650
CH4841	14	18	500	CH3932	15	18	1300	CH5096	15		303	CH1125	15		660
CH2647	14	19	230	CH3931	15	18	1420	CH5203	15		305	CH3206	15		660
CH4048	14	19	250	CH5539	15	18	375	CH1847	15		310	CH1648	15		670
CH4233	14	19	430	CH1668	15	19	160	CH1965	15		310	CH2578	15		670
CH4232	14	19	780	CH998	15	19	160	CH2694	15		310	CH3205	15		670
CH3213	14	20	260	CH2792	15	19	220	CH2720	15		310	CH5030	15		680
CH4941	14	20	400	CH2646	15	19	245	CH4015	15		310	CH5083	15		685
CH4002	14	20	450	CH1667	15	19	270	CH1955	15		320	CH3972	15		690
CH400	14	20	480	CH4217	15	19	320	CH1959	15		320	CH3261	15		720
CH4000	14	20	480	CH3350	15	19	350	CH1967	15		330	CH1973	15		730
CH3995	14	20	1100	CH4559	15	19	390	CH4855	15		330	CH5344	15		746
CH3805	14	21	210	CH2505	15	19	415	CH1860	15		335	CH1961	15		760
CH3994	14	23	700	CH3212	15	19	430	CH2464	15		335	CH4291	15		800
CH3996	14	23	720	CH2862	15	19	585	CH5202	15		335	CH1792	15		820
CH2280	14	27	540	CH4001	15	19	810	CH1843	15		340	CH2172	15		825
CH2861	14	27	647	CH3999	15	19	860	CH3248	15		340	CH2155	15		830
11-4753	14		546	CH5538	15	19	270	CH1654	15		350	CH1035	15		840
CH2791	14		66	CH3882	15	20	140	CH1885	15		350	CH1855	15		890
CH2717	14		100	CH5349	15	20	660	CH1969	15		350	CH1865	15		890
CH2716	14		135	CH3997	15	20	1260	CH2042	15		350	CH2643	15		980
CH1685	14		140	CH4418	15	21	130	CH2794	15		350	CH1337	15		1130
CH1347	14		150	CH3724	15	21	280	CH3291	15		350	CH4243	15		1130
CH1933	14		180	CH4537	15	21	286	CH5129	15		350	CH1687	15		1270
CH3296	14		210	CH4534	15	21	312	CH3911	15		350	CH5530	15		85
CH5164	14		217	CH3725	15	21	360	CH2252	15		355	CH5564	15		360
CH4406	14		230	CH4141	15	21	500	CH2644	15		355	CH5565	15		340
CH3295	14		250	CH1665	15	22	510	CH1689	15		360	CH5566	15		596
CH3629	14		280	CH1672	15	22	730	CH1968	15		360	CH5567	15		470
CH4013	14		300	CH4201	15	22	800	CH4177	15		360	CH5568	15		610
CH4479	14		330	CH2422	15	22	813	CH1765	15		369	CH5516	15		180
CH3218	14		340	CH1300	15	22	1030	CH1547	15		370	CH3593	16	17	150
CH3197	14		360	CH5307	15	22	795	CH2687	15		370	CH3593	16	17	150
CH2585	14		380	CH2901	15	25	185	CH2793	15		370	CH3046	16	17	240
CH3214	14		380	CH2040	15	27	560	CH3216	15		370	CH3926	16	17	250
CH3013	14		400	CH1652	15	119	760	CH1473	15		380	CH3076	16	17	400
CH1951	14		420	CH2437	15		100	CH1673	15		380	CH2690	16	17	430
CH2277	14		440	CH1664	15		110	CH2460	15		380	CH3073	16		



Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length
CH3323	16	18	130	11-3632	16	25	140	CH3044	16		250	CH4030	16		330
CH4200	16	18	170	CH2402	16	25	140	CH3383	16		250	CH4709	16		330
CH4381	16	18	210	11-2623	16		165	CH3682	16		250	CH1905	16		335
CH3526	16	18	220	11-2920	16		184	CH3699	16		250	CH2497	16		335
CH4380	16	18	230	11-4089	16		197	CH3758	16		250	CH2657	16		335
CH5056	16	18	245	11-4093	16		241	CH3891	16		250	CH3021	16		340
CH3529	16	18	250	11-2309	16		251	CH3952	16		250	CH3231	16		340
CH4731	16	18	260	11-3530	16		260	CH4667	16		250	CH3512	16		340
CH2797	16	18	270	11-3572	16		276	CH4798	16		250	CH3587	16		340
CH3531	16	18	270	11-2916	16		295	CH1906	16		251	CH3895	16		340
CH5342	16	18	275	11-2863	16		302	CH2945	16		260	CH4175	16		340
CH2997	16	18	280	11-3424	16		330	CH2946	16		260	CH4571	16		340
CH3916	16	18	280	11-2304	16		335	CH4209	16		260	CH4630	16		340
CH3060	16	18	300	11-4245	16		356	CH4640	16		260	CH4643	16		340
CH3527	16	18	300	11-2921	16		362	CH1671	16		270	CH4699	16		340
CH3739	16	18	300	11-3573	16		581	CH1887	16		270	CH5427	16		342
CH2448	16	18	300	11-4244	16		584	CH2222	16		270	CH2744	16		350
CH4675	16	18	310	11-4663	16		737	CH2708	16		270	CH3172	16		350
CH5325	16	18	310	11-4092	16		737	CH2978	16		270	CH3322	16		350
CH4271	16	18	315	CH3544	16		90	CH3230	16		270	CH3366	16		350
CH5338	16	18	325	CH585	16		90	CH3363	16		270	CH3444	16		350
CH3215	16	18	340	CH1170	16		104	CH3492	16		270	CH3532	16		350
CH3528	16	18	340	CH3233	16		110	CH3551	16		270	CH3533	16		350
CH2587	16	18	350	CH3484	16		110	CH3552	16		270	CH3549	16		350
CH3493	16	18	360	CH3550	16		110	CH3553	16		270	CH3555	16		350
CH4755	16	18	370	CH3770	16		110	CH3572	16		270	CH3596	16		350
CH4319	16	18	375	CH4052	16		110	CH4198	16		270	CH3596	16		350
CH2903	16	18	380	CH4056	16		110	CH5412	16		270	CH3603	16		350
CH3482	16	18	400	CH4194	16		110	CH2649	16		275	CH3750	16		350
CH4794	16	18	400	CH1616	16		120	CH5116	16		275	CH3861	16		350
CH4505	16	18	410	CH3341	16		120	CH2709	16		280	CH3948	16		350
CH4753	16	18	420	CH3591	16		120	CH2871	16		280	CH4027	16		350
CH3841	16	18	430	CH4810	16		120	CH3120	16		280	CH4035	16		350
CH4678	16	18	430	CH2778	16		130	CH3547	16		280	CH4265	16		350
CH5326	16	18	430	CH3516	16		130	CH3951	16		280	CH4317	16		350
CH2443	16	18	435	CH2781	16		140	CH5365	16		280	CH4648	16		350
CH2799	16	18	440	CH3564	16		140	CH3897	16		285	CH2665	16		355
CH4635	16	18	440	CH5272	16		145	CH1127	16		290	CH5369	16		355
CH4639	16	18	445	CH1203	16		150	CH1178	16		290	CH2682	16		360
CH5229	16	18	448	CH3562	16		150	CH3227	16		290	CH2957	16		360
CH3545	16	18	450	CH3566	16		150	CH3232	16		290	CH4207	16		360
CH3630	16	18	450	CH3763	16		150	CH4624	16		290	CH4212	16		360
CH3843	16	18	450	CH999	16		150	CH4698	16		290	CH4811	16		365
CH3321	16	18	460	CH1617	16		160	CH5292	16		290	CH5313	16		365
CH3554	16	18	470	CH2992	16		160	CH1890	16		295	CH1615	16		370
CH4183	16	18	470	CH3071	16		160	CH2737	16		300	CH2734	16		370
CH4732	16	18	480	CH3735	16		160	CH2766	16		300	CH3085	16		370
CH2990	16	18	500	CH4140	16		160	CH2780	16		300	CH3604	16		370
CH3631	16	18	500	CH4193	16		160	CH2873	16		300	CH4039	16		370
CH5339	16	18	500	CH4125	16		165	CH2914	16		300	CH4428	16		370
CH3072	16	18	510	CH3166	16		170	CH2938	16		300	CH5314	16		370
CH5370	16	18	518	CH5275	16		170	CH3022	16		300	CH2268	16		371
CH4669	16	18	540	CH5275	16		170	CH3029	16		300	CH5168	16		375
CH2689	16	18	560	CH5311	16		170	CH3093	16		300	CH1186	16		380
CH2689	16	18	560	CH5244	16		178	CH3381	16		300	CH2742	16		380
CH1064	16	18	570	CH2757	16		180	CH3501	16		300	CH3502	16		380
CH4369	16	18	600	CH3628	16		180	CH3503	16		300	CH3519	16		380
CH3530	16	18	630	CH3713	16		180	CH3606	16		300	CH3557	16		380
CH4506	16	18	630	CH4126	16		185	CH3610	16		300	CH3664	16		380
CH4102	16	18	650	CH3573	16		190	CH3620	16		300	CH3712	16		380
CH3740	16	18	700	CH5406	16		190	CH3662	16		300	CH3964	16		380
CH4184	16	18	810	CH4456	16		195	CH3671	16		300	CH3965	16		380
CH3840	16	18	850	CH5408	16		195	CH3738	16		300	CH4031	16		380
CH3935	16	18	1150	CH5407	16		195	CH3890	16		300	CH4034	16		380
CH1686	16	18	1370	CH2418	16		197	CH3894	16		300	CH4060	16		380
CH5505	16	18	517	CH2421	16		197	CH3896	16		300	CH5179	16		380
CH5535	16	18	530	CH2920	16		200	CH3950	16		300	CH4930	16		385
CH2802	16	19	150	CH3092	16		200	CH4014	16		300	CH2806	16		390
CH3266	16	19	180	CH3470	16		200	CH4803	16		300	CH3469	16		390
CH1190	16	19	210	CH3514	16		200	CH4950	16		300	CH4255	16		390
CH4572	16	19	250	CH3515	16		200	CH5453	16		300	CH4641	16		390
CH3279	16	19	300	CH3548	16		200	CH2798	16		310	CH5409	16		395
CH2899	16	19	320	CH3913	16		200	CH2902	16		310	CH5417	16		398
CH3265	16	19	350	CH3953	16		200	CH3225	16		310	CH2481	16		400
CH3832	16	19	370	CH4012	16		200	CH3228	16		310	CH2875	16		400
CH3831	16	19	380	CH5416	16		205	CH3563	16		310	CH2950	16		400
11-1758	16	19	381	CH1128	16		210	CH3594	16		310	CH2981	16		400
CH1474	16	19	390	CH2921	16		210	CH4712	16		310	CH2983	16		400
CH3746	16	19	440	CH5356	16		219	CH5262	16		315	CH3026	16		400
CH1658	16	19	450	CH5245	16		220	CH1572	16		320	CH3048	16		400
CH3474	16	19	450	CH2750	16		220	CH2785	16		320	CH3081	16		400
CH3643	16	19	450	CH3546	16		220	CH3033	16		320	CH3343	16		400
CH3747	16	19	470	CH4129	16		220	CH3142	16		320	CH3500	16		400
CH3649	16	19	500	CH4713	16		220	CH3250	16		320	CH3525	16		400
CH1226	16	19	630	CH5419	16		224	CH3558	16		320	CH3561	16		400
CH3264	16	19	720	CH5415	16		228	CH3711	16		320	CH3609	16		400
CH3477	16	19	750	CH1187	16		230	CH3940	16		320	CH3627	16		400
CH3475	16	19	820	CH2289	16		230	CH4180	16		320	CH3702	16		400
CH1475	16	20	350	CH2735	16		230	CH2470	16		325	CH3734	16		400
CH1476	16	20	590	CH3571	16		230	CH2635	16		325	CH3766	16		400
CH1663	16	21	230	CH3700	16		230	CH5454	16		325	CH4032	16		400
CH4523	16	21	545	CH3790	16		230	CH1189	16		330	CH4103	16		400
11-2185	16	22	140	CH4199	16		230	CH3045	16		330	CH4257	16		400
11-4095	16	22	813	CH5413	16		235	CH3074	16		330	CH4704	16		400
CH1670	16	23	80	CH1123	16		240	CH3229	16		330	CH900	16		400
CH2897	16	23	90	CH2765	16		240	CH3382	16		330	CH2655	16		405
CH1065	16	23	570	CH3608	16		240	CH3520	16		3				

Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length
CH2636	16		410	CH3536	16		500	CH4154	16		690	CH1129	17		180
CH3167	16		410	CH3588	16		500	CH2779	16		700	CH942	17		180
CH3927	16		410	CH3595	16		500	CH3689	16		700	CH5280	17		190
CH4026	16		410	CH3595	16		500	CH3756	16		700	CH5057	17		200
CH4364	16		410	CH3605	16		500	CH4149	16		700	CH5053	17		210
CH4691	16		410	CH3687	16		500	CH4268	16		700	CH899	17		210
CH5426	16		412	CH3710	16		500	CH4152	16		710	CH3752	17		250
CH4219	16		415	CH3737	16		500	CH2856	16		720	CH941	17		250
CH5320	16		415	CH3947	16		500	CH3575	16		720	CH4580	17		295
CH1018	16		420	CH4110	16		500	CH3624	16		720	CH2700	17		300
CH2250	16		420	CH5424	16		500	CH1225	16		730	CH4581	17		355
CH2942	16		420	CH4020	16		504	CH3998	16		730	CH4576	17		360
CH3051	16		420	CH2046	16		510	CH4192	16		730	CH4953	17		360
CH3607	16		420	CH3960	16		510	CH2419	16		736	CH4575	17		365
CH3943	16		420	CH4028	16		510	CH2874	16		750	CH2772	17		377
CH3944	16		420	CH4179	16		510	CH2971	16		750	CH2782	17		380
CH4017	16		420	CH4473	16		510	CH3597	16		750	CH4539	17		425
CH4711	16		420	CH2296	16		520	CH3597	16		750	CH4540	17		425
CH4809	16		420	CH2542	16		520	CH3666	16		750	CH4195	17		430
CH5025	16		420	CH2743	16		520	CH3764	16		750	CH2157	17		435
CH5414	16		420	CH3706	16		520	CH4040	16		750	CH5290	17		455
CH2221	16		430	CH5428	16		520	CH4041	16		750	CH1485	17		470
CH2666	16		430	CH5264	16		522	CH4213	16		750	CH3873	17		470
CH2753	16		430	CH5181	16		525	CH4214	16		750	CH3031	17		480
CH2943	16		430	CH5319	16		528	CH2913	16		770	CH3196	17		480
CH3035	16		430	CH2400	16		530	CH2627	16		795	CH5495	17		505
CH3052	16		430	CH2741	16		530	CH2910	16		800	CH3020	17		520
CH3473	16		430	CH2754	16		530	CH3598	16		800	CH5388	17		535
CH3504	16		430	CH3736	16		530	CH3598	16		800	CH2834	17		550
CH3622	16		430	CH5425	16		530	CH4029	16		800	CH5485	17		550
CH3698	16		430	CH5315	16		534	CH5362	16		830	CH4514	17		560
CH3917	16		430	CH3893	16		535	CH2911	16		840	CH3349	17		580
CH3941	16		430	CH1188	16		540	CH2968	16		840	CH4146	17		580
CH3954	16		430	CH1862	16		540	CH1573	16		870	CH797	17		600
CH4016	16		430	CH2249	16		540	CH2951	16		870	CH4975	17		610
CH4061	16		430	CH2249	16		540	CH3765	16		870	CH1800	17		645
CH4123	16		430	CH3427	16		540	CH4191	16		870	CH2247	17		660
CH4935	16		430	CH3537	16		540	CH4391	16		870	CH5486	17		710
CH2484	16		435	CH3641	16		540	CH3910	16		872	CH5228	17		735
CH2648	16		435	CH4866	16		540	CH1172	16		900	CH3753	17		850
CH5422	16		435	CH5386	16		540	CH3668	16		900	CH3936	17		910
CH2949	16		440	CH5418	16		540	CH3663	16		920	CH5528	17		318
CH3380	16		440	CH1477	16		550	CH3670	16		920	CH5533	17		478
CH4654	16		440	CH2695	16		550	CH5361	16		920	CH5532	17		415
CH5259	16		445	CH2939	16		550	CH2895	16		1100	CH4680	18	19	570
CH5098	16		445	CH3032	16		550	CH3669	16		1100	CH4520	18	20	325
CH1549	16		450	CH3036	16		550	CH1666	16		1160	CH2934	18	20	450
CH2045	16		450	CH3374	16		550	CH1124	16		1162	CH3835	18	20	460
CH2498	16		450	CH3842	16		550	CH3934	16		1230	CH3989	18	20	1250
CH3344	16		450	CH4033	16		550	CH4670	16		1260	CH3809	18	21	280
CH3364	16		450	CH4136	16		550	CH2513	16		1310	CH3968	18	21	370
CH3371	16		450	CH5497	16		550	CH4671	16		1310	CH4517	18	21	585
CH3483	16		450	CH2667	16		555	CH3933	16		1420	CH4524	18	21	860
CH3513	16		450	CH3701	16		570	CH2624	16		1575	CH5099	18	22	175
CH3617	16		450	CH3966	16		570	CH5518	16		518	CH4227	18	22	370
CH3704	16		450	CH4474	16		570	CH5469	16		508	CH4521	18	22	500
CH3707	16		450	CH5464	16		570	CH5470	16		255	CH5233	18	22	590
CH3901	16		450	CH1433	16		580	CH5510	16		140	CH4518	18	22	680
CH4038	16		450	CH1669	16		580	CH5511	16		162	CH4516	18	22	790
CH4801	16		450	CH2857	16		580	CH5544	16		760	CH756	18	22	930
CH4927	16		450	CH3389	16		580	CH5524	16		565	CH5261	18	23	730
CH4928	16		450	CH4206	16		580	CH5513	16		135	CH4197	18	24	890
CH4934	16		450	CH5490	16		580	CH5542	16		410	CH3814	18	25	350
CH4577	16		455	CH2401	16		581	CH5545	16		270	11-3668	18	25	495
CH5335	16		458	CH5354	16		583	CH5546	16		380	CH2411	18	25	582
CH2489	16		460	CH5218	16		590	CH5536	16		435	CH3971	18	26	650
CH3144	16		460	CH2290	16		590	CH5543	16		405	CH4228	18	27	580
CH3942	16		460	CH3337	16		590	CH5555	16		455	CH2662	18		80
CH2658	16		465	CH5316	16		595	CH5556	16		125	CH4286	18		87
CH4656	16		465	CH3338	16		600	CH5509	16		735	CH1934	18		95
CH2736	16		470	CH3387	16		600	CH5531	16		276	CH5172	18		95
CH2775	16		470	CH3394	16		600	CH5573	16		180	CH2461	18		103
CH2905	16		470	CH3733	16		600	CH5574	16		165	CH2441	18		105
CH3523	16		470	CH4828	16		600	CH5580	16		405	CH3316	18		110
CH3524	16		470	CH3908	16		605	CH5579	16		510	CH4273	18		170
CH4863	16		470	CH2915	16		610	CH5576	16		630	CH2278	18		172
CH5481	16		470	CH3342	16		610	CH5575	16		438	CH4270	18		180
CH2660	16		475	CH1974	16		620	CH5606	16		300	CH5167	18		184
CH5378	16		475	CH3251	16		620	CH5601	16		290	CH5170	18		190
CH5442	16		475	CH3365	16		620	CH5603	16		310	CH4729	18		230
CH2761	16		480	CH2218	16		630	CH2711	17	18	330	CH2471	18		240
CH2982	16		480	CH3709	16		630	CH2712	17	18	520	CH4703	18		250
CH3616	16		480	CH2669	16		635	CH3930	17	18	750	CH4716	18		250
CH3642	16		480	CH5353	16		640	CH4230	17	19	260	CH2691	18		255
CH3661	16		480	CH5217	16		645	CH2148	17	19	390	CH3004	18		260
CH4111	16		480	CH5446	16		645	CH4526	17	19	535	CH3417	18		260
CH2631	16		485	CH2755	16		650	CH4526	17	19	535	CH4383	18		260
CH5263	16		490	CH3468	16		650	CH3874	17	19	550	CH5138	18		280
CH5263	16		490	CH4142	16		650	CH3877	17	19	600	CH3327	18		283
CH5333	16		493	CH4947	16		650	CH2705	17	20	150	CH2747	18		290
CH5220	16		495	CH4979	16		650	CH1611	17	20	190	CH2533	18		300
CH2288	16		500	CH2490	16		660	CH3918	17	22	370	CH2536	18		300
CH2807	16		500	CH2923	16		660	CH5002	17	25	86	CH4281	18		321
CH2918	16		500	CH2217	16		670	11-2919	17		362	CH5450	18		325
CH2919	16		500	CH2217	16		670	11-4772	17		432	CH5101	18		345
CH2980	16		500	CH3792	16		670	11-4411	17		673	CH5255	18		350
CH3392	16		500	CH3340	16		680	CH2449	17		110	CH2932	18		350
CH3434	16		500	CH3892	16		680	CH2867	17		127	CH4166	18		350

Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length
CH4933	18		350	CH3003	19		350	CH2403	22		479	11-2879	25		279
CH4382	18		380	CH3268	19		350	CH2102	22		500	11-1185	25		292
CH1395	18		390	CH3984	19		350	CH2116	22		500	11-1145	25		292
CH5085	18		394	CH5404	19		355	CH2933	22		530	11-2582	25		302
CH4765	18		400	CH1884	19		360	CH5471	22		325	11-2582	25		302
CH5070	18		400	CH1626	19		380	CH1391	23	25	490	11-4103	25		305
CH3278	18		410	CH3267	19		380	CH1831	23	26	610	11-2152	25		318
CH3329	18		423	CH4696	19		380	CH772	23	27	390	11-2558	25		330
CH3330	18		423	CH5287	19		385	11-2557	23		235	11-2170	25		330
CH3386	18		423	CH1623	19		400	CH2236	23		50	11-3690	25		330
CH5061	18		450	CH1625	19		400	CH543	23		170	11-0114	25		349
CH735	18		450	CH4049	19		400	CH843	23		190	11-1184	25		359
CH4119	18		460	CH3274	19		410	CH988	23		190	11-2149	25		359
CH5197	18		470	CH4051	19		420	CH4859	23		195	11-3692	25		359
CH2965	18		470	CH1430	19		430	CH1571	23		220	11-1911	25		406
CH4681	18		470	CH1614	19		430	CH1581	23		220	11-4206	25		432
CH4974	18		470	CH3694	19		430	CH1394	23		340	11-4791	25		445
CH5062	18		495	CH2499	19		435	CH2072	23		420	11-3438	25		451
CH4167	18		520	CH5091	19		440	CH2114	23		490	11-2955	25		451
CH4253	18		520	CH1431	19		450	CH1392	23		560	11-0236	25		479
CH4679	18		520	CH1964	19		450	CH4611	23		645	11-4123	25		483
CH3905	18		550	CH3983	19		450	CH4011	23		1350	11-4054	25		489
CH5128	18		550	CH4764	19		460	CH4507	24	25	405	11-4114	25		521
CH4250	18		560	CH1963	19		475	CH4252	24	26	560	11-2954	25		524
CH5232	18		590	CH2972	19		480	CH816	24	27	390	11-4154	25		546
CH1978	18		610	CH3826	19		480	CH817	24	27	430	11-4207	25		546
CH4715	18		630	CH5401	19		480	CH5268	24	32	340	11-1637	25		559
CH5196	18		645	CH1946	19		490	CH1900	24	50	698	11-4412	25		591
CH3056	18		730	CH3002	19		500	11-2292	24		249	11-4138	25		635
CH3328	18		747	CH5400	19		500	11-1570	24		251	11-4109	25		648
CH2726	18		790	CH4582	19		520	11-1624	24		256	11-4120	25		648
CH736	18		790	CH4768	19		520	11-1798	24		308	11-4121	25		660
CH2652	18		900	CH4795	19		550	11-1798	24		308	CH3406	25		660
CH5514	18		603	CH2955	19		570	11-3330	24		349	11-3786	25		699
CH5562	18		660	CH5000	19		580	11-2935	24		349	CH2127	25		700
CH5563	18		415	CH3876	19		587	11-4755	24		378	11-4210	25		737
CH4318	19	21	240	CH5260	19		590	11-1597	24		432	11-4204	25		737
CH4393	19	21	298	CH1223	19		590	11-4275	24		514	11-2889	25		949
CH2703	19	21	310	CH3541	19		600	11-4285	24		540	CH2343	25		38
CH5251	19	21	490	CH3693	19		600	11-1541	24		768	CH1883	25		65
CH757	19	22	960	CH3542	19		650	CH1936	24		90	CH226	25		130
CH3797	19	23	270	CH4251	19		680	CH1924	24		100	CH3937	25		140
CH3969	19	23	740	CH1224	19		700	CH604	24		160	CH2135	25		166
CH3803	19	24	170	CH3806	19		700	CH1773	24		294	CH1396	25		170
CH3810	19	24	170	CH5065	19		730	CH2262	24		316	CH4415	25		200
CH3810	19	24	170	CH3055	19		900	CH2733	24		330	CH901	25		205
CH3317	19	24	220	CH4759	19		920	CH232	24		350	CH5440	25		225
CH4105	19	24	450	CH5557	19		370	CH5208	24		365	CH2074	25		260
CH4095	19	24	500	CH4522	20	22	630	CH1824	24		390	CH2078	25		260
CH3977	19	24	500	CH4527	20	22	680	CH2138	24		405	CH2324	25		266
CH3981	19	24	550	CH4313	20	23	656	CH2101	24		420	CH655	25		275
CH4079	19	24	600	CH3982	20	25	570	CH3979	24		420	CH954	25		280
CH3815	19	24	880	CH4234	20	25	730	CH605	24		430	CH5269	25		285
CH4025	19	25	116	CH3970	20	25	750	CH2099	24		470	CH2076	25		315
CH2868	19	25	250	CH2728	20	25	900	CH2423	24		470	CH4760	25		325
11-4675	19	25	254	CH3919	20	26	700	CH2977	24		500	CH1784	25		327
CH3813	19	25	280	CH784	20		190	CH2119	24		515	CH2071	25		330
CH2787	19	25	558	CH3800	20		300	CH2079	24		520	CH1790	25		340
CH3793	19	25	850	CH2860	20		340	CH2246	24		590	CH227	25		340
CH4567	19	26	440	CH5094	20		340	CH2084	24		650	CH1019	25		350
CH3881	19	27	650	CH4512	20		380	CH2476	24		650	CH285	25		350
CH5066	19	28	127	CH2115	20		490	11-3117	25	6	330	CH5071	25		355
CH3921	19	28	450	CH3199	20		630	CH4460	25	28	160	CH2070	25		370
11-4667	19	30	279	CH2704	20		950	CH5276	25	29	350	CH1791	25		405
11-2436	19	35	327	CH2090	20		1020	CH2495	25	29	405	CH2357	25		410
11-3556	19		13	CH1898	21	23	555	CH5306	25	29	457	CH2675	25		440
CH5003	19		191	CH4010	21	24	360	CH4455	25	30	220	CH5078	25		450
11-4665	19		229	CH3909	21	25	660	CH892	25	30	310	CH1785	25		455
11-3107	19		338	11-1617	21		521	CH4533	25	30	370	CH2087	25		480
CH5004	19		500	11-2856	21		951	CH1266	25	30	380	CH2118	25		520
11-1609	19		691	CH501	21		180	CH1902	25	31	305	CH2621	25		530
CH4857	19		90	CH2852	21		200	CH1901	25	32	200	CH2107	25		545
CH5132	19		98	CH2112	21		405	11-0122	25	32	210	CH2126	25		545
CH3117	19		110	CH2111	21		590	11-2154	25	32	300	CH5329	25		558
CH758	19		120	CH2364	22	25	450	CH5186	25	32	315	CH2160	25		560
CH1624	19		140	11-2551	22	25	451	CH2205	25	32	320	CH3326	25		560
CH4242	19		140	11-2550	22	25	572	CH5046	25	32	335	CH3304	25		602
CH2801	19		160	11-2734	22		51	CH5193	25	32	335	CH1131	25		610
CH3517	19		170	11-2915	22		102	11-2315	25	32	432	CH2089	25		640
CH4562	19		190	11-2151	22		210	11-2968	25	32	495	CH2248	25		645
CH2931	19		200	11-2165	22		470	11-2171	25	32	533	CH2077	25		650
CH3115	19		200	11-3633	22		479	11-4115	25		32	CH2085	25		660
CH3116	19		200	CH1907	22		50	11-1826	25		38	CH2088	25		660
CH4046	19		200	CH2745	22		80	11-2933	25		64	CH2103	25		700
CH2865	19		228	CH1889	22		135	11-0707	25		171	CH2127	25		700
CH3798	19		230	CH4433	22		150	11-3146	25		184	CH2123	25		745
CH2790	19		250	CH2588	22		240	11-2640	25		219	CH2129	25		745
CH1627	19		270	CH2589	22		240	11-2206	25		221	CH5337	25		917
CH5102	19		280	CH5243	22		350	11-0709	25		232	CH5561	25		590
CH4057	19		300	CH1823	22		380	11-1865	25		235	CH742	26	27	330
CH4625	19		300	CH2113	22		380	11-1864	25		241	CH4221	26	27	475
CH4777	19		300	CH2117	22		390	11-3731	25		254	CH2599	26	29	260
CH4792	19		300	CH2100	22		400	11-4203	25		254	CH2593	26	29	275
CH4118	19		310	CH2908	22		400	11-0142	25		254	CH2594	26	29	570
CH3369	19		320	CH2379	22		450	11-0675	25		260	CH2898	26	30	140
CH4955	19		330	CH2380	22		457	11-2956	25		270	CH4551	26	30	315
CH4528	19		340	CH1393	2										



Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length
CH1681	26	31	500	CH5266	27	32	365	CH2771	27		480	CH1805	29		530
CH1806	26	32	570	CH2935	27	33	350	CH2178	27		485	CH2451	29		544
CH4637	26	33	410	CH4043	27	33	480	CH1192	27		490	CH1321	29		560
CH2557	26	33	525	CH3784	27	33	550	CH1279	27		490	CH1299	29		641
CH2053	26	34	515	CH3125	27	34	320	CH1454	27		490	CH2128	29		735
CH4600	26		80	CH2229	27	35	600	CH3062	27		500	CH2110	29		1000
CH4256	26		83	11-2883	27		22	CH4783	27		500	CH3424	30	24	450
CH1399	26		150	11-4674	27		127	CH3158	27		510	CH4333	30	31	220
CH1743	26		170	11-1759	27		251	CH2632	27		540	CH3838	30	31	450
CH1692	26		180	11-1908	27		254	CH3154	27		540	CH2872	30	32	180
CH2136	26		210	11-2826	27		267	CH3027	27		550	CH4797	30	32	210
CH4552	26		210	11-0276	27		279	CH3906	27		550	CH4756	30	32	220
CH1058	26		220	11-2879	27		281	CH2143	27		570	11-3502	30	32	270
CH2047	26		230	11-2879	27		281	CH743	27		570	CH4423	30	32	280
CH1742	26		240	11-1711	27		302	CH3939	27		580	CH3920	30	32	355
CH1047	26		250	11-1712	27		319	CH5328	27		585	CH4316	30	32	500
CH5458	26		255	11-2174	27		356	CH1020	27		590	CH4993	30	32	500
CH1021	26		260	CH3873	27		445	CH3087	27		600	CH1407	30	32	510
CH3356	26		260	11-2755	27		502	CH4805	27		600	CH4348	30	32	540
CH956	26		260	11-0255	27		521	CH4148	27		605	CH4593	30	32	540
CH2122	26		262	11-2857	27		530	CH4259	27		660	CH2378	30	33	317
CH1690	26		270	11-2883	27		530	CH4864	27		800	CH4459	30	33	330
CH2134	26		270	11-1182	27		540	CH2377	28	30	110	CH3347	30	33	400
CH2069	26		280	11-0266	27		610	CH4241	28	31	100	CH3368	30	33	400
CH1772	26		285	11-1530	27		686	CH4565	28	31	260	CH4379	30	33	470
CH1740	26		290	11-1612	27		762	CH667	28	33	370	CH4063	30	33	500
CH4260	26		290	11-4284	27		808	CH402	28	34	250	CH4844	30	33	540
CH2137	26		295	11-2708	27		949	CH1574	28	34	420	CH3358	30	33	550
CH1774	26		297	CH3652	27		140	CH588	28	35	300	CH4269	30	33	600
CH3353	26		300	CH4185	27		140	CH4564	28		330	CH2581	30	33	720
CH957	26		300	CH3746	27		150	CH330	28		170	CH4885	30	33	720
CH3398	26		310	CH4563	27		150	CH1797	28		215	CH5088	30	34	180
CH2494	26		315	CH4617	27		170	CH4106	28		270	CH4101	30	34	300
CH2133	26		322	CH5459	27		170	CH2731	28		295	CH4994	30	34	320
CH1775	26		328	CH5294	27		172	CH1794	28		320	CH2848	30	34	370
CH1402	26		340	CH4355	27		185	CH5141	28		320	CH4314	30	34	370
CH3397	26		350	CH1390	27		190	CH1453	28		330	CH1312	30	34	390
CH4389	26		350	CH4615	27		210	CH1550	28		330	CH2847	30	34	460
CH4546	26		350	CH4362	27		220	CH1322	28		334	CH4288	30	34	498
CH4807	26		350	CH662	27		220	CH1796	28		340	CH4688	30	34	510
CH1139	26		360	CH1387	27		230	CH1297	28		360	CH4131	30	34	565
CH2068	26		380	CH1741	27		230	CH1490	28		370	CH4315	30	34	850
CH4549	26		395	CH5267	27		235	CH2417	28		370	CH2681	30	34	870
CH4873	26		395	CH1386	27		240	CH4327	28		380	CH5519	30	34	297
CH1691	26		400	CH3159	27		250	CH2267	28		384	CH1992	30	35	240
CH3193	26		410	CH3496	27		250	CH2043	28		440	CH907	30	35	350
CH3355	26		420	CH4876	27		250	CH2130	28		650	CH5238	30	35	355
CH4901	26		420	CH3173	27		255	CH1317	28		690	CH1405	30	35	380
CH1776	26		421	CH4205	27		260	CH2319	29	30	316	11-2936	30	35	387
CH1777	26		427	CH4649	27		260	CH2600	29	30	550	11-1741	30	35	441
CH1403	26		440	CH5457	27		270	CH4335	29	31	210	CH4138	30	36	400
CH1493	26		440	CH1191	27		280	CH3978	29	31	350	CH4238	30	36	560
CH2125	26		440	CH1388	27		280	CH3849	29	31	440	CH3041	30	36	640
CH3192	26		460	CH4874	27		280	CH4336	29	31	490	CH4282	30	36	850
CH3249	26		460	CH2500	27		285	CH2350	29	32	270	CH2841	30	37	240
CH4302	26		460	CH1255	27		290	11-2399	29	32	279	CH3077	30	37	570
CH4304	26		470	CH1298	27		290	11-3558	29	32	330	CH3535	30	37	600
CH1141	26		480	CH3024	27		300	CH5035	29	32	380	CH3272	30	37	620
CH3915	26		500	CH3938	27		300	11-2153	29	32	410	CH5507	30	37	185
CH4370	26		500	CH4858	27		300	CH3846	29	32	425	CH2730	30	38	490
CH1130	26		505	CH1452	27		310	CH4267	29	32	450	CH917	30	38	590
CH1048	26		510	CH2770	27		310	CH4623	29	32	490	CH2311	30	38	640
CH1486	26		510	CH1389	27		330	11-2227	29	32	635	CH2185	30	40	250
CH1508	26		510	CH3243	27		330	CH4586	29	33	165	CH4450	30	44	650
CH1140	26		520	CH3432	27		330	CH2970	29	33	180	CH4324	30	49	110
CH1622	26		520	CH2668	27		335	CH1997	29	35	400	11-3076	30	70	549
CH3360	26		520	CH3090	27		340	CH5009	29		149	11-3126	30		114
CH2575	26		540	CH4186	27		345	11-4236	29		165	11-2049	30		130
CH4548	26		540	CH1700	27		350	CH4188	29		241	11-1120	30		251
CH955	26		540	CH3010	27		350	11-0198	29		340	11-0341	30		270
CH2574	26		545	CH3242	27		360	11-0198	29		340	11-1638	30		279
CH3390	26		550	CH2259	27		364	11-2541	29		356	11-2739	30		300
CH1293	26		560	CH1257	27		370	11-1533	29		368	11-3733	30		305
CH1295	26		560	CH1258	27		370	11-0195	29		406	11-4934	30		330
CH1739	26		560	CH1551	27		370	11-3382	29		415	11-3075	30		349
CH2573	26		571	CH3152	27		370	11-2452	29		451	CH5008	30		349
CH1507	26		590	CH1455	27		380	11-1531	29		479	11-2942	30		384
CH3399	26		620	CH1701	27		380	11-3699	29		533	11-3008	30		460
CH4566	26		691	CH3914	27		385	11-1186	29		641	CH5133	30		460
CH4390	26		700	CH2958	27		400	11-3119	29		660	11-0229	30		467
CH2466	26		725	CH2959	27		400	11-2958	29		838	CH5005	30		800
CH1789	26		750	CH3253	27		420	CH4776	29		135	11-2858	30		953
CH2022	26		750	CH2244	27		430	CH5007	29		165	CH4437	30		55
CH4258	26		760	CH3241	27		430	CH2346	29		190	CH779	30		55
CH4547	26		770	CH3171	27		440	CH2026	29		200	CH4887	30		77
CH2182	26		800	CH2976	27		450	CH5109	29		215	CH5174	30		98
CH4068	27	29	160	CH4636	27		450	CH2024	29		230	CH1913	30		110
CH1398	27	29	270	CH4780	27		450	CH1989	29		240	CH1909	30		116
CH1397	27	30	260	CH4780	27		450	CH1767	29		263	CH5336	30		120
CH3836	27	30	360	CH2509	27		455	CH1331	29		290	CH2805	30		140
CH3836	27	30	360	CH2975	27		460	CH1990	29		300	CH5122	30		145
CH3837	27	30	360	CH3156	27		460	CH1737	29		330	CH2925	30		150
CH5178	27	30	480	CH4187	27		460	CH1320	29		370	CH2829	30		160
CH3955	27	30	510	CH2463	27		465	CH1827	29		380	CH1804	30		185
CH4853	27	30	530	CH1607	27		470	CH1502	29		390	CH2595	30		200
CH4231	27	31	85	CH3128	27		470	CH643	29		440	CH2854	30		200
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Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length
CH4289	30		201	CH3043	30		400	CH4440	30		620	CH4239	31		190
CH2096	30		210	CH3490	30		400	CH5235	30		630	CH1894	31		249
CH2879	30		210	CH3697	30		400	CH4720	30		630	CH1748	31		250
CH2297	30		220	CH3708	30		400	CH2208	30		645	CH4396	31		250
CH5160	30		235	CH2803	30		410	CH2131	30		670	CH4682	31		260
CH3061	30		235	CH2828	30		410	CH4298	30		680	CH1029	31		275
CH2876	30		240	CH4297	30		410	CH4721	30		680	CH1769	31		277
CH4454	30		240	CH4461	30		410	CH4545	30		685	CH4683	31		290
CH4610	30		240	CH2142	30		420	CH3354	30		700	CH717	31		290
CH4861	30		245	CH3422	30		420	CH3854	30		720	CH636	31		300
CH912	30		245	CH3962	30		420	CH3963	30		720	CH1003	31		310
CH2080	30		250	CH1531	30		430	CH4884	30		720	CH1744	31		320
CH3008	30		250	CH3324	30		430	CH4983	30		725	CH2132	31		320
CH3086	30		250	CH4109	30		430	CH4343	30		730	CH2149	31		325
CH3259	30		250	CH673	30		430	CH4307	30		740	CH1205	31		330
CH2518	30		255	CH5246	30		435	CH2845	30		750	CH1881	31		330
CH2603	30		255	CH2433	30		440	CH3042	30		750	CH613	31		330
CH2651	30		255	CH4665	30		440	CH1530	30		780	CH1952	31		340
CH1097	30		260	CH5175	30		440	CH3431	30		800	CH4366	31		340
CH2604	30		260	CH1882	30		445	CH5093	30		800	CH2815	31		350
CH626	30		260	CH1529	30		450	CH2606	30		805	CH2184	31		360
CH4278	30		265	CH3357	30		450	CH3426	30		830	CH5041	31		360
CH2030	30		270	CH4147	30		450	CH3361	30		840	CH1296	31		365
CH2831	30		270	CH4306	30		450	CH5027	30		840	CH2245	31		370
CH5107	30		270	CH2453	30		453	CH4296	30		850	CH3804	31		370
CH642	30		270	CH1504	30		460	CH4295	30		895	CH3974	31		380
CH1757	30		272	CH2434	30		460	CH2664	30		900	CH4347	31		380
CH5219	30		280	CH4300	30		460	CH3425	30		900	CH4486	31		380
CH1095	30		280	CH4325	30		460	CH3428	30		900	CH5022	31		380
CH2091	30		280	CH1619	30		470	CH3872	30		900	CH754	31		380
CH2830	30		280	CH2304	30		470	CH4467	30		900	CH2503	31		400
CH2924	30		280	CH1895	30		472	CH2189	30		910	CH3929	31		400
CH3094	30		280	CH4878	30		478	CH4308	30		940	CH1404	31		420
CH3922	30		280	CH1318	30		480	CH4932	30		940	CH1751	31		420
CH4614	30		285	CH1795	30		480	CH4790	30		950	CH936	31		420
CH1060	30		290	CH2081	30		480	CH4995	30		950	CH1620	31		450
CH3680	30		290	CH3853	30		480	CH5019	30		965	CH1620	31		450
CH4137	30		290	CH4305	30		480	CH1828	30		985	CH1468	31		460
CH4451	30		290	CH5123	30		480	CH3037	30		990	CH2063	31		460
CH2150	30		295	CH996	30		485	CH1826	30		1020	CH848	31		460
CH4299	30		300	CH1319	30		490	CH5477	30		634	CH4705	31		470
CH4303	30		300	CH2598	30		490	CH5476	30		775	CH4401	31		500
CH4344	30		300	CH4301	30		490	CH5537	30		438	CH4368	31		520
CH4388	30		300	CH5048	30		490	CH5522	30		520	CH4341	31		530
CH4851	30		300	CH1028	30		500	CH5548	30		545	CH2940	31		550
CH1709	30		310	CH1061	30		500	CH5549	30		535	CH3888	31		558
CH1995	30		310	CH2035	30		500	CH1153	31	32	300	CH3348	31		560
CH2164	30		310	CH2083	30		500	CH4589	31	32	330	CH4620	31		560
CH3362	30		310	CH2108	30		500	CH3928	31	32	355	CH4340	31		570
CH3967	30		310	CH3007	30		500	CH4758	31	32	470	CH1002	31		580
CH4489	30		310	CH3208	30		500	CH4237	31	33	300	CH4070	31		580
CH5248	30		315	CH3852	30		500	CH804	31	33	420	CH2816	31		625
CH2303	30		320	CH4609	30		500	CH4004	31	33	520	CH4722	31		770
CH1825	30		325	CH4986	30		500	CH1470	31	33	580	CH5437	31		796
CH1406	30		330	CH1559	30		505	CH977	31	34	300	CH4071	31		910
CH1469	30		330	CH5221	30		510	CH2254	31	34	506	CH4072	31		910
CH1875	30		330	CH1554	30		510	CH1558	31	34	530	CH2190	31		950
CH1994	30		330	CH2227	30		510	CH4736	31	34	550	CH1896	31		1100
CH2044	30		330	CH2438	30		510	CH4400	31	34	1000	CH5523	31		668
CH2650	30		330	CH3209	30		510	CH3282	31	34	1200	CH2014	32	33	240
CH3491	30		330	CH3260	30		510	CH1770	31	35	230	CH1738	32	33	280
CH1102	30		340	CH3850	30		510	CH3723	31	35	350	11-1548	32	33	302
CH1401	30		340	CH4293	30		510	CH1911	31	35	445	11-3154	32	33	310
CH4107	30		340	CH4395	30		510	CH4621	31	35	530	11-3154	32	33	310
CH2124	30		345	CH2086	30		515	CH1904	31	35	533	11-2493	32	33	311
CH3886	30		345	CH1503	30		520	CH4008	31	36	210	11-1573	32	33	386
CH1991	30		350	CH2098	30		520	CH1121	31	36	320	CH2371	32	33	389
CH2094	30		350	CH2233	30		520	CH4412	31	36	330	11-4784	32	33	394
CH2817	30		350	CH3005	30		520	CH4710	31	36	430	CH1811	32	33	480
CH2832	30		350	CH3352	30		520	CH4468	31	36	850	CH4754	32	33	530
CH2948	30		350	CH5068	30		520	CH1903	31	37	320	CH1746	32	33	610
CH3479	30		350	CH2583	30		525	CH1034	31	37	330	CH4503	32	33	875
CH4108	30		350	CH1618	30		530	CH4608	31	37	380	CH2713	32	34	400
CH4342	30		350	CH2707	30		530	CH4021	31	37	450	CH4003	32	34	410
CH4287	30		353	CH2506	30		535	CH4023	31	37	450	CH3771	32	34	500
CH1985	30		360	CH2097	30		540	CH4397	31	37	460	CH4827	32	34	510
CH2819	30		360	CH2232	30		550	CH2407	31	37	524	CH1758	32	34	575
CH3924	30		360	CH2827	30		550	CH4143	31	37	700	CH4984	32	34	600
CH2092	30		370	CH3006	30		550	CH3488	31	38	203	CH2520	32	34	620
CH2804	30		370	CH3011	30		550	CH1893	31	38	241	CH4127	32	34	675
CH4911	30		370	CH3485	30		550	CH918	31	38	370	CH3185	32	34	690
CH4991	30		370	CH3485	30		550	CH1152	31	38	400	CH4740	32	34	710
CH3973	30		370	CH3851	30		550	CH932	31	38	420	CH4752	32	34	840
CH1267	30		375	CH5436	30		552	CH3459	31	38	480	CH2326	32	35	209
CH2209	30		375	CH4616	30		560	CH2243	31	38	550	11-1546	32	35	210
CH1993	30		380	CH2522	30		565	CH845	31	40	330	11-1121	32	35	260
CH3298	30		380	CH3848	30		570	CH805	31	40	340	CH2323	32	35	260
CH3779	30		380	CH4294	30		570	CH931	31	40	370	CH2021	32	35	280
CH3871	30		380	CH5069	30		570	CH976	31	41	450	CH5479	32	35	290
CH4900	30		380	CH4879	30		575	CH3889	31	44	298	CH5226	32	35	305
CH1768	30		384	CH2082	30		580	CH2449	31	44	610	11-0258	32	35	316
CH5216	30		390	CH2228	30		580	CH4449	31	44	610	CH1873	32	35	380
CH1096	30		390	CH2230	30		580	CH2676	31	49	270	CH4457	32	35	432
CH2093	30		390	CH4329	30		580	CH2674	31	50	260	11-2862	32	35	445
CH4112	30		390	CH2450	30		585	CH1897	31	50	559	CH2344	32	35	450
CH4544	30		398	CH4622	30		590	11-2480	31		679	11-1869	32	35	451
CH1528	30		400	CH1553	30		600	CH1092	31		110	11-0209	32	35	508
CH2095	30														

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CH2339	32	35	549	CH3290	32	38	660	11-4366	32		406	CH4966	32		250
CH997	32	35	570	11-2891	32	38	686	11-3118	32		410	CH933	32		250
11-3171	32	35	578	CH3182	32	38	690	11-1575	32		419	CH2388	32		254
11-3863	32	35	635	CH3174	32	38	900	11-4937	32		419	CH3923	32		254
11-2855	32	35	651	CH3315	32	38	900	11-1576	32		419	CH2679	32		255
CH2370	32	35	658	CH3175	32	38	930	11-1575	32		419	CH1783	32		258
11-3073	32	35	699	11-4810	32	38	1484	11-2307	32		419	CH1953	32		260
CH3719	32	35	700	CH5473	32	38	434	11-3741	32		432	CH2000	32		260
11-3472	32	35	740	CH5034	32	39	370	11-3679	32		432	CH2525	32		260
CH2392	32	35	740	CH4525	32	39	390	11-2305	32		432	CH2614	32		260
CH3009	32	36	270	CH4053	32	39	400	11-0137	32		451	CH3069	32		260
CH2347	32	36	280	CH803	32	39	405	11-2085	32		457	CH3237	32		260
CH2010	32	36	300	CH4519	32	39	435	CH4361	32		457	CH3240	32		260
CH2010	32	36	300	CH3104	32	39	550	11-3499	32		460	CH877	32		260
CH1367	32	36	370	CH3103	32	39	620	11-2318	32		460	CH2003	32		270
CH1369	32	36	400	CH3276	32	39	720	11-4053	32		464	CH2003	32		270
CH4466	32	36	400	CH3280	32	39	720	11-3334	32		470	CH2609	32		270
CH2680	32	36	420	CH3177	32	39	830	11-1162	32		479	CH4605	32		270
CH2786	32	36	420	CH2181	32	40	210	11-2379	32		479	CH2553	32		275
CH2369	32	36	429	CH2332	32	40	342	11-2969	32		489	CH1374	32		280
CH5224	32	36	430	CH2729	32	40	390	11-0190	32		489	CH1982	32		280
CH2363	32	36	440	CH1016	32	40	500	11-3084	32		489	CH2512	32		285
CH4883	32	36	450	CH2340	32	41	135	11-2297	32		495	CH2697	32		285
CH4972	32	36	450	11-1681	32	41	151	11-4119	32		495	CH5399	32		285
CH5049	32	36	475	11-2896	32	41	483	11-1589	32		495	CH5451	32		285
CH1728	32	36	480	CH3988	32	41	1095	11-0716	32		500	CH2015	32		290
CH5141	32	36	480	11-2404	32	44	660	11-0589	32		508	CH2597	32		290
CH1144	32	36	490	11-3093	32	44	1181	11-2256	32		521	CH822	32		290
CH5154	32	36	535	CH2385	32	44	1181	11-2317	32		521	CH5239	32		295
CH3339	32	36	550	11-3092	32	44	1537	11-4838	32		529	CH1142	32		300
CH4882	32	36	600	CH2640	32	45	305	11-2851	32		535	CH2998	32		300
CH1940	32	36	630	CH2159	32	45	455	11-2903	32		546	CH3001	32		300
CH2341	32	36	680	CH4445	32	45	531	11-1549	32		549	CH4785	32		300
CH5236	32	36	980	CH2356	32	50	120	11-1549	32		549	CH4800	32		300
CH5517	32	36	610	CH2864	32	50	248	11-0853	32		559	CH4913	32		300
CH5463	32	36	690	11-2320	32	51	121	11-2878	32		581	CH650	32		300
CH1375	32	37	260	11-4668	32	51	248	11-1163	32		591	CH1958	32		305
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CH1378	32	37	290	11-2322	32	51	559	11-4087	32		597	CH2678	32		305
CH1910	32	37	308	11-1563	32		35	CH4357	32		641	CH5040	32		305
11-3115	32	37	330	11-2752	32		102	11-2675	32		648	CH1109	32		310
CH1114	32	37	340	11-1544	32		152	11-4212	32		660	CH2320	32		310
CH992	32	37	340	11-2910	32		160	11-3110	32		660	CH2954	32		310
CH2567	32	37	347	11-0588	32		178	11-0116	32		665	CH3236	32		310
CH3016	32	37	370	11-3144	32		216	11-2952	32		665	CH3239	32		310
CH2586	32	37	380	11-2622	32		229	CH4356	32		667	CH4820	32		310
CH4910	32	37	380	11-2303	32		229	11-2893	32		673	CH919	32		310
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CH4839	32	37	450	11-2146	32		240	11-3113	32		699	CH2162	32		320
CH2226	32	37	470	11-0139	32		241	11-4836	32		711	CH3095	32		320
CH4909	32	37	470	11-1628	32		249	11-3497	32		730	CH4618	32		320
CH3063	32	37	500	11-3149	32		254	11-3732	32		737	CH4956	32		320
CH800	32	37	520	11-3149	32		254	11-4209	32		737	CH5037	32		320
CH2516	32	37	543	11-2659	32		260	CH4568	32		740	CH5052	32		320
CH3904	32	37	550	11-1684	32		267	11-2479	32		787	CH787	32		320
CH5151	32	37	565	11-1684	32		267	11-2453	32		787	CH5187	32		327
CH3741	32	37	660	11-1742	32		270	11-2951	32		838	CH2336	32		330
11-1698	32	37	679	11-0124	32		275	11-4818	32		843	CH2345	32		330
11-1692	32	38	241	11-4051	32		279	CH4215	32		843	CH4937	32		330
11-1619	32	38	292	11-1627	32		279	11-4325	32		870	CH4907	32		335
CH2335	32	38	292	11-0248	32		286	11-4670	32		883	CH1306	32		340
CH5452	32	38	295	11-3560	32		289	11-3734	32		889	CH1495	32		340
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11-0147	32	38	305	11-0621	32		302	11-3082	32		953	CH1702	32		340
11-0264	32	38	305	11-0622	32		302	11-3173	32		953	CH1836	32		340
11-0128	32	38	321	11-0515	32		302	CH4891	32		90	CH935	32		340
11-1693	32	38	324	11-0228	32		305	CH520	32		95	CH2430	32		345
11-3680	32	38	330	11-3336	32		310	CH5242	32		110	CH2683	32		345
11-0129	32	38	330	11-3336	32		310	CH1941	32		110	CH1750	32		350
CH2413	32	38	330	11-3336	32		310	CH2011	32		110	CH1837	32		350
CH2661	32	38	340	11-1115	32		310	CH1749	32		120	CH1981	32		350
CH2740	32	38	350	11-2699	32		316	CH2018	32		130	CH2987	32		350
11-2179	32	38	354	CH4465	32		317	CH2352	32		152	CH3017	32		350
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11-3116	32	38	371	11-4213	32		322	CH2688	32		185	CH3195	32		350
11-0639	32	38	394	11-2583	32		327	CH4904	32		190	CH1175	32		360
11-0632	32	38	400	11-4831	32		330	CH5270	32		196	CH1338	32		360
CH1290	32	38	400	11-1618	32		330	CH2774	32		200	CH1362	32		360
CH3452	32	38	400	11-2965	32		330	CH3082	32		200	CH1979	32		360
CH5225	32	38	425	11-1620	32		330	CH4908	32		200	CH2004	32		360
11-0140	32	38	432	11-0304	32		330	CH4494	32		210	CH4674	32		360
CH2894	32	38	450	11-1168	32		340	CH2387	32		216	CH5379	32		360
11-1849	32	38	457	11-1183	32		340	CH1514	32		220	CH1983	32		370
11-1545	32	38	470	11-3742	32		340	CH2612	32		220	CH2050	32		370
11-1545	32	38	470	11-2478	32		349	CH2969	32		220	CH3097	32		370
CH1335	32	38	500	11-2612	32		349	CH482	32		220	CH3162	32		370
CH614	32	38	500	11-3743	32		349	CH5494	32		220	CH3198	32		370
11-1574	32	38	527	11-2478	32		349	CH2353	32		228	CH4825	32		370
CH2334	32	38	527	11-4056	32		356	CH1370	32		230	CH4923	32		370
CH5155	32	38	530	11-4282	32		356	CH2009	32		240	CH525	32		370
CH718	32	38	540	11-3153	32		356	CH2348	32		240	CH2146	32		373
11-2547	32	38	546	11-3081	32		367	CH2961	32		240	CH2622	32		375
CH2881	32	38	550	11-2912	32		381	CH5143	32		240	CH1938	32		



Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length
CH1760	32		385	CH4845	32		500	CH3270	32		810	11-1570	33		251
CH1817	32		385	CH4978	32		500	CH5036	32		890	11-1624	33		270
CH1526	32		390	CH5026	32		500	CH4501	32		945	11-2457	33		279
CH2773	32		390	CH973	32		500	CH2337	32		952	11-2178	33		279
CH5029	32		390	CH2613	32		505	CH4742	32		1000	11-2400	33		300
CH4860	32		395	CH5023	32		505	CH2389	32		1069	11-1798	33		308
CH1171	32		400	CH5204	32		508	CH5237	32		1070	11-0164	33		310
CH3049	32		400	CH1816	32		510	CH4492	32		1120	11-2175	33		327
CH3788	32		400	CH1816	32		510	CH3281	32		1140	11-1553	33		343
CH3791	32		400	CH2822	32		510	CH4498	32		1180	11-2935	33		349
CH3957	32		400	CH2850	32		510	CH4495	32		1265	11-2935	33		349
CH4055	32		400	CH4672	32		510	CH4499	32		1320	11-2613	33		389
CH4398	32		400	CH4687	32		510	CH5483	32		317	11-2613	33		389
CH4689	32		400	CH777	32		510	CH5515	32		515	11-1701	33		397
CH4881	32		400	CH1499	32		520	CH5499	32		325	11-1151	33		440
CH4931	32		400	CH1575	32		520	CH5498	32		790	11-3471	33		451
CH5043	32		400	CH1703	32		520	CH5501	32		650	11-0165	33		451
CH2213	32		405	CH2617	32		520	CH5496	32		650	11-3511	33		470
CH5021	32		405	CH3222	32		520	CH5534	32		360	11-2295	33		470
CH1356	32		410	CH3777	32		520	CH5577	32		276	11-2001	33		470
CH2611	32		410	CH4511	32		520	11-2913	33	32	160	11-4285	33		540
CH2960	32		410	CH5012	32		520	CH2373	33	32	160	11-2084	33		635
CH313	32		410	CH5156	32		520	11-2911	33	32	389	11-3312	33		953
CH5484	32		410	CH2654	32		525	CH3899	33	34	150	11-2539	33		1010
CH2610	32		415	CH5018	32		530	CH4578	33	34	375	11-2430	33		1035
CH2515	32		420	CH5112	32		530	CH2180	33	34	420	CH2789	33		66
CH2916	32		420	CH5249	32		535	CH4650	33	34	1170	CH1683	33		170
CH3065	32		420	CH5247	32		535	11-1552	33	35	333	CH1429	33		180
CH3099	32		420	CH3958	32		540	CH4570	33	35	380	CH3611	33		180
CH3262	32		420	CH4849	32		540	CH1682	33	35	490	CH853	33		180
CH3782	32		420	CH5104	32		540	CH3986	33	35	610	CH1697	33		200
CH4890	32		420	CH2510	32		550	CH1376	33	36	370	CH3345	33		200
CH4949	32		420	CH3786	32		550	CH4130	33	36	425	CH4006	33		200
CH898	32		420	CH3959	32		550	CH4424	33	36	430	CH4374	33		200
CH5394	32		425	CH4050	32		550	CH4985	33	36	450	CH1349	33		210
CH5351	32		426	CH4973	32		550	CH4985	33	36	450	CH1704	33		210
CH239	32		430	CH1251	32		560	CH4447	33	36	530	CH1377	33		220
CH239	32		430	CH1699	32		560	CH1726	33	36	580	CH4744	33		220
CH2964	32		430	CH1809	32		560	CH1604	33	36	640	CH1705	33		230
CH4419	32		430	CH2698	32		560	CH1557	33	37	330	CH4170	33		230
CH2355	32		432	CH1247	32		570	CH3858	33	37	340	CH1786	33		232
CH5059	32		435	CH2823	32		570	CH1513	33	37	400	CH1044	33		240
CH5352	32		440	CH2904	32		570	CH4697	33	37	410	CH1534	33		240
CH5166	32		450	CH3050	32		570	CH4685	33	37	427	CH1730	33		240
CH4510	32		450	CH3672	32		570	CH3859	33	37	450	CH2329	33		240
CH4846	32		450	CH4847	32		570	CH3860	33	37	450	CH2002	33		250
CH4877	32		450	CH2535	32		575	CH4421	33	37	450	CH2322	33		250
CH4924	32		450	CH5189	32		575	CH4594	33	37	530	CH2426	33		255
CH5039	32		450	CH3220	32		580	CH4338	33	37	560	CH1360	33		260
CH4603	32		455	CH3335	32		580	CH1371	33	37	590	CH1372	33		260
CH5194	32		455	CH1313	32		590	CH3857	33	37	600	CH2008	33		260
CH2416	32		457	CH2508	32		600	CH4475	33	37	605	CH2060	33		260
CH5403	32		457	CH3359	32		600	CH4100	33	37	660	CH4543	33		260
CH1159	32		460	CH4804	32		600	CH3111	33	37	800	CH2049	33		267
CH1366	32		460	CH2161	32		605	CH4741	33	37	1270	CH1488	33		270
CH2618	32		460	CH2429	32		610	CH934	33	38	300	CH3429	33		270
CH3101	32		460	CH4204	32		610	CH1460	33	38	350	CH4692	33		270
CH2517	32		465	CH5089	32		610	CH1110	33	38	370	CH4959	33		270
CH2615	32		465	CH5332	32		610	CH1515	33	38	380	CH1358	33		280
CH5396	32		465	CH1496	32		620	11-4676	33	38	432	CH1465	33		280
CH1174	32		470	CH2988	32		620	CH4595	33	38	500	CH1722	33		280
CH1250	32		470	CH4835	32		630	11-2037	33	38	540	CH654	33		280
CH1745	32		470	CH4838	32		630	CH2566	33	38	660	CH4422	33		281
CH2714	32		470	CH2917	32		640	CH1674	33	38	720	CH2391	33		285
CH3066	32		470	CH2963	32		640	CH4606	33	38	850	CH1202	33		290
CH4651	32		470	CH3047	32		640	CH2183	33	39	325	CH1458	33		290
CH4728	32		470	CH4786	32		640	CH3407	33	39	400	CH2625	33		290
CH4829	32		470	CH1512	32		650	CH4229	33	39	420	CH2501	33		295
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CH4982	32		470	CH2912	32		650	CH1763	33	39	486	CH1761	33		296
CH5016	32		470	CH2962	32		650	CH3445	33	39	500	CH1542	33		300
CH1787	32		473	CH4939	32		650	CH4856	33	39	530	CH2186	33		300
CH1134	32		480	CH5015	32		650	CH2739	33	39	540	CH2216	33		300
CH1143	32		480	CH5050	32		650	CH3869	33	39	550	CH2455	33		300
CH1500	32		480	CH1815	32		660	CH1567	33	39	610	CH3421	33		300
CH1736	32		480	CH274	32		660	CH4775	33	39	620	CH3762	33		300
CH2027	32		480	CH2785	32		660	CH1151	33	39	630	CH3773	33		300
CH2532	32		480	CH4830	32		660	CH1511	33	39	630	CH3823	33		300
CH2620	32		480	CH5448	32		660	CH4169	33	39	630	CH4977	33		300
CH3102	32		480	CH5207	32		675	CH3633	33	39	650	CH751	33		300
CH3460	32		480	CH3271	32		680	CH1560	33	39	660	CH897	33		300
CH3718	32		480	CH4739	32		680	CH1428	33	39	690	CH2565	33		307
CH4402	32		480	CH4903	32		680	11-1557	33	40	349	CH1729	33		310
CH5024	32		480	CH3673	32		700	CH3745	33	40	450	CH3246	33		310
CH5472	32		482	CH5114	32		720	CH3885	33	40	450	CH2207	33		315
CH1838	32		485	CH3289	32		730	CH2198	33	40	490	CH1364	33		320
CH5092	32		485	CH5157	32		735	CH2893	33	40	740	CH1415	33		320
CH1416	32		490	CH2989	32		740	CH1892	33	41	280	CH1419	33		320
CH5017	32		490	CH3181	32		750	CH1725	33	41	300	CH1820	33		320
CH2163	32		495	CH5127	32		760	CH2051	33	44	260	CH1830	33		320
CH2616	32		495	CH1311	32		780	CH2382	33	44	368	CH3781	33		320
CH1314	32		500	CH4796	32		780	CH2384	33	44	409	CH2342	33		321
CH1498	32		500	CH4815	32		785	CH4432	33	45	1550	CH5309	33		325
CH2005	32		500	CH3273	32		790	CH2639	33	46	249	CH1068	33		330
CH2029	32		500	CH5153	32		790	11-2429	33	51	699	CH1334	33		330
CH2582	32		500	CH5395	32		798	11-2295	33		216	CH1718	33		330
CH3956	32		500	CH5075	32		800	11-2163	33		219	CH1732	33		330

Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length
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CH4210	33		330	CH4482	33		450	CH3636	33		630	CH3164	34	39	550
CH5033	33		335	CH4806	33		450	CH4115	33		630	CH3163	34	39	570
CH5038	33		335	CH2561	33		455	CH1708	33		640	CH1693	34	39	640
CH1332	33		340	CH1715	33		460	CH1148	33		650	CH1698	34	39	650
CH4263	33		340	CH2062	33		460	CH1536	33		650	CH4076	34	39	700
CH4485	33		340	CH2808	33		460	CH3864	33		650	CH2257	34	39	706
CH4542	33		340	CH4652	33		460	CH3875	33		650	CH3585	34	39	1040
CH4919	33		340	CH1357	33		470	CH4574	33		650	CH3121	34	39	1100
CH2576	33		342	CH1417	33		470	CH2376	33		660	CH2187	34	40	270
CH5146	33		347	CH3372	33		470	CH3945	33		660	CH596	34	40	370
CH1539	33		350	CH3540	33		470	CH4773	33		660	CH4054	34	40	400
CH1568	33		350	CH3759	33		470	CH4114	33		675	CH3903	34	40	660
CH1733	33		350	CH876	33		470	CH1541	33		680	CH5103	34	40	850
CH2375	33		350	CH1069	33		480	CH2546	33		680	CH2301	34	41	290
CH3254	33		350	CH1274	33		480	CH1759	33		686	CH2294	34	41	313
CH3346	33		350	CH1418	33		480	CH1719	33		690	CH3632	34	41	330
CH3439	33		350	CH1613	33		480	CH4920	33		690	CH2200	34	41	450
CH4099	33		350	CH1813	33		480	CH1762	33		692	CH2201	34	41	480
CH4375	33		350	CH3413	33		480	CH2231	33		700	CH2197	34	41	490
CH4766	33		350	CH4168	33		480	CH3612	33		700	CH5474	34	42	270
CH1031	33		360	CH4960	33		480	CH4472	33		700	CH1764	34	44	454
CH1361	33		360	CH4964	33		480	CH4772	33		700	CH1609	34		340
CH1363	33		360	CH1094	33		490	CH2556	33		705	CH5013	34		50
CH1711	33		360	CH1330	33		490	CH4592	33		710	CH2930	34		90
CH1713	33		360	CH1537	33		490	CH2559	33		720	CH245	34		135
CH1734	33		360	CH1310	33		495	CH3727	33		720	CH1640	34		180
CH1987	33		360	CH2550	33		497	CH1678	33		740	CH1200	34		190
CH2212	33		360	CH1113	33		500	CH1679	33		740	CH2727	34		190
CH2907	33		360	CH3331	33		500	CH4693	33		740	CH4311	34		190
CH4189	33		360	CH3332	33		500	CH1577	33		750	CH978	34		210
CH4513	33		360	CH3334	33		500	CH4331	33		760	CH1041	34		230
CH4967	33		360	CH3336	33		500	CH2325	33		768	CH4971	34		230
CH2579	33		370	CH3391	33		500	CH2551	33		790	CH5258	34		235
CH3870	33		370	CH3774	33		500	CH4515	33		800	CH1937	34		250
CH4203	33		370	CH3900	33		500	CH4332	33		810	CH4554	34		250
CH2479	33		380	CH4009	33		500	CH4771	33		830	CH4371	34		255
CH3067	33		380	CH4337	33		500	CH5077	33		830	CH1584	34		260
CH3437	33		380	CH4854	33		500	CH3703	33		950	CH3157	34		260
CH3495	33		380	CH854	33		500	CH1899	33		1035	CH1119	34		270
CH4164	33		380	CH2147	33		505	CH4938	33		1200	CH1523	34		270
CH4373	33		380	CH5190	33		505	CH5468	33		385	CH979	34		270
CH4694	33		380	CH1032	33		510	CH5571	33		315	CH1807	34		275
CH3325	33		386	CH1339	33		510	CH5572	33		695	CH2528	34		275
CH1808	33		390	CH2176	33		510	CH1042	34	35	450	CH1008	34		280
CH2824	33		390	CH2300	33		510	CH2922	34	35	550	CH1182	34		280
CH2909	33		390	CH3068	33		510	CH3318	34	35	640	CH1491	34		280
CH4334	33		390	CH4274	33		510	CH1834	34	36	320	CH1535	34		280
CH4628	33		390	CH2685	33		515	CH2473	34	36	355	CH3184	34		280
CH1735	33		400	CH1333	33		520	CH4085	34	36	500	CH2059	34		285
CH3420	33		400	CH1487	33		520	CH1829	34	36	520	CH5161	34		287
CH3539	33		400	CH1497	33		520	CH4083	34	36	550	CH1093	34		290
CH3730	33		400	CH1644	33		520	CH2174	34	36	577	CH2431	34		295
CH3785	33		400	CH2502	33		520	CH3834	34	36	650	CH1457	34		300
CH4573	33		400	CH4236	33		520	CH1833	34	36	820	CH1578	34		300
CH4822	33		400	CH4579	33		520	CH3299	34	37	278	CH3409	34		300
CH4958	33		400	CH2468	33		525	CH2630	34	37	310	CH3833	34		300
CH4976	33		400	CH1753	33		530	CH2929	34	37	340	CH4988	34		300
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CH4471	33		410	CH3333	33		530	CH2956	34	37	450	CH2538	34		310
CH4963	33		410	CH3827	33		530	CH3795	34	37	450	CH2710	34		310
CH893	33		410	CH1821	33		540	CH4073	34	37	475	CH3234	34		310
CH909	33		410	CH3560	33		540	CH5136	34	37	475	CH4363	34		310
CH1766	33		416	CH3878	33		540	CH3510	34	37	480	CH1132	34		320
CH1273	33		420	CH5135	33		540	CH2633	34	37	535	CH1532	34		320
CH1427	33		420	CH1365	33		550	CH3722	34	37	560	CH1538	34		320
CH1569	33		420	CH1459	33		550	CH5250	34	38	295	CH5222	34		325
CH2467	33		420	CH1527	33		550	CH2724	34	38	310	CH1582	34		330
CH2725	33		420	CH3430	33		550	CH3433	34	38	320	CH2684	34		330
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CH3395	33		420	CH4133	33		560	CH2825	34	38	360	CH4042	34		330
CH4165	33		420	CH4266	33		560	CH2179	34	38	390	CH4661	34		330
CH4216	33		420	CH4349	33		560	CH1462	34	38	400	CH4591	34		333
CH4235	33		420	CH4695	33		560	CH3130	34	38	400	CH1280	34		340
CH1835	33		430	CH4819	33		560	CH4074	34	38	400	CH1609	34		340
CH2605	33		430	CH2220	33		570	CH3308	34	38	410	CH1610	34		340
CH3559	33		430	CH3640	33		570	CH5200	34	38	415	CH3015	34		340
CH5223	33		435	CH1544	33		580	CH1045	34	38	430	CH3743	34		340
CH2444	33		436	CH2601	33		580	CH4093	34	38	450	CH3776	34		340
CH5145	33		437	CH4190	33		580	CH4128	34	38	480	CH4952	34		340
CH1043	33		440	CH5125	33		580	CH3720	34	38	500	CH4969	34		340
CH1426	33		440	CH1706	33		590	CH3783	34	38	500	CH5358	34		345
CH1494	33		440	CH4774	33		590	CH4322	34	38	510	CH2139	34		350
CH1986	33		440	CH4954	33		590	CH2846	34	38	600	CH2663	34		350
CH2061	33		440	CH2547	33		592	CH3161	34	38	660	CH2673	34		350
CH2469	33		440	CH1814	33		600	CH3054	34	38	680	CH3028	34		350
CH2623	33		440	CH1848	33		600	CH2677	34	38	1490	CH3127	34		350
CH2552	33		448	CH1984	33		600	CH3123	34	39	240	CH4717	34		350
CH1309	33		450	CH3412	33		600	CH3749	34	39	250	CH4951	34		350
CH1661	33		450	CH3778	33		600	CH3615	34	39	340	CH2293	34		351
CH1662	33		450	CH4895	33		600	CH3053	34	39	370	CH2408	34		352
CH1717	33		450	CH1543	33		610	CH4075	34	39	400	CH5108	34		355
CH2549	33		450	CH1822	33		610	CH2295	34	39	425	CH5363	34		355
CH2549	33		450	CH5149	33		610	CH2607	34	39	450	CH1145	34		360
CH3247	33		450	CH4961	33		615	CH2258	34	39	491	CH1608	34		360
CH3396	33		450	CH1466	33		630	CH2608	34	39	510	CH1716	34		360
CH3494	33		450	CH1506	33		630	CH3124	34	39</					

Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length
CH4968	34		360	CH3717	34		500	CH3186	34		710	11-4052	35		559
CH995	34		360	CH4553	34		500	CH4508	34		710	11-3123	35		559
CH4372	34		365	CH5139	34		500	CH3146	34		720	11-3729	35		572
CH5360	34		365	CH5184	34		500	CH3160	34		720	11-2988	35		600
CH1854	34		370	CH5389	34		505	CH4487	34		720	CH2366	35		630
CH4005	34		370	CH1150	34		510	CH1583	34		730	11-2167	35		711
CH4007	34		370	CH3155	34		510	CH2530	34		735	11-3033	35		724
CH4019	34		370	CH4044	34		510	CH2312	34		740	11-4940	35		724
CH4309	34		370	CH4724	34		510	CH3613	34		750	11-3994	35		756
CH2642	34		375	CH2592	34		515	CH3868	34		750	CH1891	35		35
CH2645	34		375	CH5185	34		515	CH4062	34		750	CH2638	35		241
CH4312	34		375	CH1489	34		520	CH4658	34		750	CH1501	35		250
CH1256	34		380	CH4657	34		520	CH5324	34		750	CH2001	35		280
CH1731	34		380	CH5111	34		525	CH2066	34		760	CH1039	35		300
CH2169	34		380	CH5152	34		527	CH2544	34		760	CH595	35		300
CH2851	34		380	CH1055	34		530	CH2670	34		765	CH994	35		310
CH5323	34		380	CH2240	34		530	CH1588	34		770	CH1755	35		320
CH5377	34		380	CH3100	34		530	CH3145	34		770	CH1956	35		350
CH5381	34		380	CH3148	34		530	CH4555	34		780	CH2338	35		354
CH5359	34		385	CH3855	34		530	CH5119	34		780	CH2140	35		355
CH1576	34		390	CH3866	34		530	CH2256	34		786	CH4037	35		360
CH3187	34		390	CH4965	34		530	CH1540	34		790	CH1812	35		385
CH5253	34		395	CH4488	34		535	CH3867	34		800	CH1872	35		385
CH1754	34		400	CH1111	34		540	CH2253	34		839	CH1944	35		385
CH2023	34		400	CH2298	34		540	CH5076	34		860	CH1292	35		390
CH3023	34		400	CH2928	34		540	CH2541	34		875	CH1259	35		400
CH3375	34		400	CH3907	34		540	CH5126	34		900	CH4446	35		407
CH3690	34		400	CH5120	34		540	CH3654	34		940	CH2170	35		410
CH3744	34		400	CH5252	34		542	CH4957	34		1130	CH5195	35		430
CH3856	34		400	CH3058	34		550	CH5527	34		735	CH1747	35		430
CH4145	34		400	CH3667	34		550	CH5525	34		345	CH1756	35		430
CH4793	34		400	CH3946	34		550	CH2986	35	32	270	CH2032	35		430
CH894	34		400	CH4330	34		550	11-2294	35	33	300	CH1509	35		480
CH1851	34		405	CH4808	34		550	11-2294	35	33	300	CH1819	35		480
CH5376	34		412	CH4962	34		550	CH3794	35	37	480	CH1195	35		490
CH2653	34		415	CH5478	34		550	11-3739	35	37	819	CH2475	35		495
CH1260	34		420	CH2926	34		553	CH3692	35	38	350	CH1291	35		530
CH1423	34		420	CH1201	34		560	CH3511	35	38	430	CH2504	35		550
CH1522	34		420	CH1520	34		560	CH3808	35	38	430	CH4814	35		550
CH2237	34		420	CH2454	34		560	11-3476	35	38	441	CH1922	35		555
CH3098	34		420	CH3147	34		560	CH3313	35	38	458	CH4328	35		560
CH4036	34		420	CH3149	34		560	11-3477	35	38	460	CH1013	35		580
CH2519	34		425	CH4346	34		560	CH1005	35	38	460	CH2641	35		590
CH2672	34		425	CH4646	34		560	11-1934	35	38	489	CH4818	35		590
CH5113	34		425	CH4723	34		560	CH3487	35	38	520	CH2383	35		599
CH5188	34		425	CH4813	34		560	11-3735	35	38	521	CH1196	35		610
CH4310	34		426	CH4480	34		570	CH1461	35	38	560	CH2358	35		620
CH1599	34		430	CH5104	34		575	11-4397	35	38	572	CH2006	35		650
CH1714	34		430	CH5105	34		575	11-3737	35	38	610	CH3902	35		650
CH1988	34		430	CH1160	34		580	CH3446	35	38	686	CH1510	35		700
CH2427	34		430	CH2523	34		580	CH1169	35	39	270	CH2349	35		711
CH4529	34		430	CH4264	34		580	CH3408	35	39	520	CH3221	35		740
CH2264	34		436	CH3301	34		583	CH3457	35	39	710	CH4816	35		740
CH1180	34		440	CH1275	34		590	CH1727	35	40	320	CH4659	35		780
CH1519	34		440	CH2238	34		590	CH5183	35	40	425	CH2028	35		850
CH1566	34		440	CH3151	34		590	CH2263	35	40	676	CH2718	35		900
CH1587	34		440	CH3188	34		590	11-3196	35	40	940	CH4817	35		980
CH2699	34		440	CH5240	34		595	11-3196	35	40	940	CH5520	35		515
CH2941	34		440	CH2203	34		595	CH2361	35	41	50	CH5506	35		110
CH3143	34		440	CH1505	34		600	11-2475	35	41	51	CH2025	36	38	160
CH4929	34		440	CH1564	34		600	CH4788	35	41	286	CH824	36	38	260
CH5345	34		445	CH1677	34		600	CH2327	35	41	349	CH3802	36	38	450
CH1181	34		450	CH2686	34		600	11-4124	35	41	406	CH4081	36	38	450
CH1261	34		450	CH2936	34		600	11-4235	35	41	406	CH3822	36	38	480
CH1778	34		450	CH3133	34		600	11-0249	35	41	441	CH4448	36	38	540
CH2058	34		450	CH3884	34		600	CH2317	35	41	441	CH1556	36	38	550
CH2067	34		450	CH4970	34		605	CH3883	35	42	350	CH1004	36	38	640
CH2591	34		450	CH5364	34		605	CH2474	35	42	840	CH3592	36	39	360
CH3057	34		450	CH1193	34		610	CH2158	35	43	650	CH4084	36	39	500
CH3190	34		450	CH4918	34		610	11-2931	35		35	CH5559	36	39	430
CH3787	34		450	CH1120	34		620	CH5011	35		152	CH2524	36	40	165
CH3949	34		450	CH1492	34		620	11-2177	35		200	CH2521	36	40	245
CH4714	34		450	CH1659	34		620	11-1528	35		222	CH4998	36	40	380
CH2446	34		456	CH1832	34		620	11-0105	35		279	CH4086	36	40	450
CH1146	34		460	CH1712	34		630	11-0320	35		281	CH4094	36	40	500
CH2659	34		460	CH3150	34		630	11-2136	35		292	CH4134	36	40	500
CH2696	34		460	CH3165	34		630	11-2135	35		292	CH4096	36	40	560
CH2706	34		460	CH1329	34		640	11-2922	35		294	CH2527	36	40	665
CH3183	34		460	CH1580	34		640	11-1798	35		310	CH4404	36	40	769
CH3235	34		460	CH1565	34		650	11-3736	35		318	CH4587	36	41	385
CH5074	34		460	CH1598	34		650	11-4942	35		322	CH4588	36	41	400
CH1876	34		470	CH2967	34		650	11-2758	35		352	CH2206	36	41	550
CH4345	34		470	CH3141	34		650	11-3730	35		356	CH4896	36	41	700
CH5402	34		475	CH3767	34		650	11-2756	35		356	CH1158	36	41	800
CH5241	34		480	CH2299	34		660	11-3992	35		356	CH4444	36	42	610
CH3189	34		480	CH3238	34		660	11-0126	35		359	CH3987	36	42	1400
CH1184	34		490	CH1600	34		670	11-1743	35		368	CH1341	36	43	580
CH1194	34		490	CH2291	34		670	11-0106	35		400	CH3040	36	43	680
CH1533	34		490	CH3153	34		670	11-3989	35		406	CH1925	36	43	735
CH5380	34		490	CH3191	34		680	11-2676	35		414	CH3129	36	44	370
CH2166	34		494	CH4018	34		680	CH2032	35		430	CH4022	36	44	400
CH2534	34		495	CH4812	34		680	11-2884	35		441	CH1931	36	44	460
CH2629	34		495	CH4926	34		680	11-3740	35		457	CH3454	36	44	530
CH1422	34		500	CH2314	34		690	11-4943	35		457	CH3134	36	44	680
CH1818	34		500	CH5254	34		695	11-0561	35		457	CH1562	36	44	700
CH2545	34		500	CH1579	34		700	11-2882	35		495	CH3925	36	45	320
CH2671	34		500	CH2313	34		700	11-2530	35		527	CH2315	3		



Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length
CH2154	36	46	305	CH5374	36		660	CH883	37		470	11-3481	38		498
CH4024	36	46	580	CH4848	36		670	CH3300	37		477	11-2531	38		540
CH3078	36	73	550	CH1999	36		680	CH4156	37		480	CH4277	38		632
CH4435	36		486	CH5355	36		695	CH4749	37		480	11-3309	38		660
CH2537	36		67	CH3320	36		700	CH4601	37		490	CH1915	38		95
CH1928	36		185	CH2796	36		740	CH2151	37		500	CH4897	38		100
CH4088	36		200	CH4914	36		750	CH1555	37		560	CH1878	38		195
CH1996	36		230	CH4945	36		830	CH4441	37		570	CH4439	38		200
CH4387	36		230	CH5503	36		430	CH3674	37		600	CH4275	38		220
CH4905	36		230	CH5504	36		356	CH4500	37		610	CH2439	38		230
CH4997	36		230	CH5526	36		378	CH3678	37		650	CH2188	38		250
CH5176	36		235	CH5558	36		335	CH3676	37		660	CH2999	38		250
CH3000	36		240	CH5578	36		625	CH4602	37		665	CH564	38		256
CH2459	36		250	CH5347	36		230	CH3830	37		750	CH4434	38		270
CH4916	36		250	CH3126	37	33	550	CH3277	38	32	850	CH780	38		270
CH1346	36		260	CH2637	37	38	320	CH2065	38	34	580	CH4464	38		271
CH5214	36		265	11-1250	37	38	321	11-1622	38	35	441	CH3200	38		280
CH5432	36		265	11-4398	37	38	559	CH3275	38	35	710	CH1308	38		290
CH4871	36		270	CH4430	37	38	750	CH3534	38	39	430	CH3109	38		290
CH4892	36		270	CH4420	37	40	360	CH3775	38	40	120	CH2480	38		295
CH5177	36		270	CH1877	37	40	470	11-3684	38	40	360	CH1694	38		300
CH1923	36		275	CH4376	37	40	570	CH2415	38	40	360	CH3201	38		300
CH1929	36		290	CH1921	37	41	330	11-1572	38	40	440	CH3695	38		300
CH2482	36		290	CH4077	37	41	430	CH4082	38	40	600	CH4463	38		300
CH2496	36		290	CH2719	37	41	450	CH3623	38	40	620	CH5318	38		310
CH1942	36		300	CH4135	37	41	480	CH1546	38	40	710	CH5397	38		318
CH2007	36		300	CH987	37	42	200	CH4283	38	40	790	CH2393	38		320
CH4748	36		300	CH4481	37	42	420	11-1569	38	41	375	CH989	38		320
CH4869	36		300	CH1912	37	42	570	CH2331	38	41	375	CH1914	38		325
CH4870	36		300	CH1926	37	43	205	11-1558	38	41	406	CH1101	38		330
CH4875	36		300	CH1343	37	43	540	CH2328	38	41	406	CH1185	38		330
CH5215	36		310	CH1336	37	43	580	CH1480	38	41	432	CH829	38		330
CH1917	36		310	CH4607	37	43	740	CH4569	38	41	440	CH921	38		330
CH3135	36		310	CH1350	37	44	200	CH2318	38	41	441	CH1183	38		340
CH3137	36		310	CH3303	37	44	270	11-3089	38	41	451	CH1316	38		340
CH5439	36		325	CH1603	37	44	490	11-1556	38	41	686	CH1348	38		340
CH1920	36		335	CH1324	37	44	520	11-0253	38	41	767	CH668	38		343
CH2432	36		340	CH1919	37	44	530	CH1425	38	42	610	CH2191	38		350
CH2821	36		340	CH2214	37	44	920	CH4279	38	43	130	CH3288	38		350
CH4821	36		340	CH4144	37	45	450	CH4438	38	43	260	CH3614	38		350
CH2020	36		350	CH3447	37	45	580	CH1157	38	43	290	CH5205	38		350
CH4867	36		350	CH3675	37	45	650	CH3789	38	44	400	CH5393	38		350
CH4990	36		360	CH1149	37	45	740	CH3486	38	44	406	CH669	38		356
CH637	36		360	11-2035	37		140	CH1239	38	44	430	CH1107	38		370
CH5206	36		365	11-1759	37		251	11-0254	38	44	440	CH794	38		370
CH1342	36		370	11-3669	37		411	CH3463	38	44	480	CH4504	38		380
CH2529	36		370	11-0277	37		470	CH1235	38	44	550	CH2330	38		390
CH3136	36		380	CH2900	37		50	11-2398	38	44	559	CH4889	38		400
CH5420	36		385	CH1602	37		100	11-3148	38	44	581	CH5110	38		400
CH4223	36		390	CH2562	37		166	CH3223	38	44	581	CH1106	38		405
CH5213	36		400	CH1323	37		190	CH2543	38	44	736	CH1252	38		410
CH2017	36		400	CH4701	37		220	CH3441	38	45	550	CH925	38		410
CH4833	36		400	CH4823	37		225	CH3455	38	45	550	CH5293	38		413
CH4834	36		400	CH2038	37		240	CH1880	38	45	575	CH3263	38		420
CH2795	36		410	CH3768	37		240	CH3286	38	45	590	CH4476	38		420
CH5304	36		410	CH4181	37		250	CH3180	38	45	600	CH967	38		420
CH1802	36		420	CH2196	37		255	CH3176	38	45	620	CH1197	38		430
CH4915	36		420	CH4222	37		270	CH3442	38	45	620	CH1605	38		430
CH2452	36		425	CH4660	37		270	CH3442	38	45	620	CH3769	38		430
CH2531	36		430	CH1345	37		280	CH3178	38	45	650	CH4598	38		430
CH4880	36		430	CH1916	37		285	CH3179	38	45	710	CH589	38		430
CH4942	36		430	CH5144	37		292	CH3285	38	45	750	CH590	38		430
CH1771	36		433	CH1344	37		300	CH3287	38	45	750	CH1135	38		440
CH4090	36		450	CH4173	37		300	CH2308	38	45	755	CH4599	38		440
CH4182	36		450	CH4386	37		300	CH2310	38	45	790	CH938	38		440
CH4912	36		450	CH4276	37		310	CH993	38	47	540	CH944	38		440
CH4893	36		470	CH4059	37		320	CH993	38	47	540	CH1385	38		450
CH4850	36		480	CH4943	37		320	CH1015	38	48	460	CH2192	38		450
CH1601	36		490	CH1886	37		330	11-4175	38	51	216	CH2194	38		450
CH3038	36		490	CH2013	37		330	CH4898	38	54	515	CH4493	38		450
CH4097	36		500	CH4155	37		330	11-2129	38		27	CH783	38		450
CH4098	36		500	CH4326	37		330	11-1679	38		51	CH819	38		450
CH4872	36		500	CH719	37		330	CH5010	38		152	CH885	38		450
CH4999	36		510	CH1307	37		335	CH4244	38		203	CH2036	38		460
CH5150	36		510	CH4662	37		340	11-0387	38		219	CH818	38		460
CH5277	36		515	CH4662	37		340	11-2302	38		229	CH881	38		460
CH3138	36		520	CH4663	37		340	CH1501	38		241	CH961	38		460
CH4089	36		520	CH4172	37		345	11-2847	38		270	CH1024	38		470
CH451	36		525	CH4385	37		360	11-0419	38		270	CH1173	38		470
CH4989	36		530	CH985	37		360	11-2850	38		281	CH1176	38		470
CH3039	36		550	CH1918	37		370	11-0311	38		305	CH788	38		470
CH4087	36		550	CH5020	37		370	11-3480	38		321	CH5001	38		475
CH4946	36		560	CH4676	37		380	11-2923	38		327	CH1161	38		480
CH5165	36		568	CH2554	37		388	11-4297	38		356	CH2381	38		480
CH2783	36		580	CH1545	37		390	11-3484	38		368	CH1164	38		490
CH3451	36		580	CH1998	37		400	11-2892	38		381	CH4597	38		495
CH3677	36		600	CH3728	37		400	11-4263	38		381	CH1254	38		500
CH4906	36		600	CH3729	37		400	11-1568	38		391	CH2033	38		500
CH4917	36		600	CH4058	37		400	11-2718	38		391	CH2195	38		500
CH5148	36		605	CH4596	37		400	11-1568	38		391	CH3696	38		500
CH2037	36		610	CH4490	37		430	11-3480	38		397	CH1340	38		510
CH4831	36		620	CH1231	37		440	11-4264	38		406	CH1696	38		510
CH4832	36		630	CH1945	37		440	11-0333	38		410	CH789	38		510
CH4886	36		650	CH2457	37		445	11-3038	38		411	CH4496	38		520
CH4902	36		650	CH1328	37		450	11-2854	38		419	CH1165	38		530
CH4987	36		650	CH1561	37		450	11-2258	38		464	CH1695	38		530
CH2447	36		660	CH3319	37		460	11-4008	38		470	CH3691	38		530



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## Mackay Automotive Hose Catalogue 2013

## ID Listing

## ID Listing

Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length	Mackay #	ID	Bell ID	Length
CH820	38		530	CH1798	41		420	CH640	50		460
CH971	38		540	CH2302	41		460	CH1552	50		560
CH3306	38		550	CH4894	41		470	CH641	50		600
CH958	38		550	CH2333	41		527	CH5079	50		770
CH1122	38		560	CH2305	41		530	11-1577	51	52	51
CH4497	38		560	CH2292	41		890	CH4442	51	53	220
CH1253	38		570	CH2820	42	44	420	CH4224	51	57	1541
CH1206	38		580	CH4403	42	49	260	CH5080	51	65	635
CH851	38		580	CH4944	42		260	CH657	51		220
CH969	38		580	CH5047	42		450	CH1383	51		233
CH4604	38		595	CH1108	43	45	410	CH552	51		450
CH3464	38		600	CH4411	43	50	120	CH4284	52	60	250
CH5051	38		610	11-3670	43		300	CH3113	52		400
CH1980	38		620	CH4458	43		87	CH4226	55	57	654
CH5081	38		625	CH3107	43		180	CH4225	55	58	605
CH1248	38		630	CH990	43		220	CH3106	55	59	100
CH1137	38		640	CH986	43		250	CH3105	55		100
CH1643	38		640	CH632	43		260	CH4868	56		380
CH2193	38		720	CH2406	43		300	CH4558	59	61	340
CH2309	38		1030	CH633	43		390	CH4452	78		42
CH5502	38		434	CH2153	43		415				
CH5521	38		490	CH1420	43		500				
CH5616	38		750	CH2260	43		560				
CH4921	39	40	420	11-0258	44	35	316				
CH3801	39	41	320	11-2349	44	38	305				
CH1234	39	44	410	CH882	44	45	380				
CH2365	39	44	440	CH1230	44	46	400				
CH1424	39	44	480	CH4462	44	46	430				
CH1629	39	44	1030	CH1606	44	46	470				
CH4743	39	45	700	CH966	44	46	500				
CH920	39	48	550	CH968	44	47	460				
CH4321	39		130	CH1803	44	47	480				
CH4590	39		295	CH4360	44	49	572				
CH3829	39		400	CH1103	44	50	450				
CH5303	39		415	CH991	44	50	530				
CH849	39		420	CH2511	44	50	710				
CH781	39		450	11-3433	44	51	130				
CH1229	39		460	11-0199	44	51	451				
CH782	39		460	11-1645	44	51	495				
CH1056	39		480	11-2588	44		13				
CH943	39		490	CH4280	44		171				
CH2031	40	35	320	11-2897	44		425				
CH3807	40	41	420	11-4246	44		711				
11-2845	40	43	521	CH1351	44		100				
11-2718	40	44	440	CH2507	44		320				
CH1630	40	45	260	CH926	44		330				
CH828	40	45	310	CH3131	44		340				
CH3456	40	46	600	CH1136	44		380				
CH1631	40	50	320	CH1138	44		380				
CH2165	40	50	625	CH852	44		390				
CH1633	40	52	320	CH2440	44		400				
CH563	40	55	300	CH720	44		400				
11-1644	40		140	CH962	44		410				
11-2822	40		251	CH959	44		430				
11-2959	40		795	CH722	44		450				
CH4354	40		100	CH1038	44		460				
CH3705	40		150	CH1421	44		480				
CH4069	40		200	CH790	44		480				
CH2896	40		220	CH1037	44		500				
CH4477	40		251	CH1057	44		520				
CH1059	40		260	CH3461	44		520				
CH1628	40		265	CH4443	44		590				
CH1632	40		300	CH3450	44		600				
CH2526	40		315	CH2577	44		660				
CH4478	40		316	CH2210	44		860				
CH391	40		325	CH4161	45	48	490				
CH3865	40		330	CH4196	45	48	600				
CH965	40		330	CH1237	45	49	590				
CH4078	40		350	CH1241	45	50	430				
CH2882	40		360	CH1243	45	50	470				
CH4065	40		375	CH1908	45		12				
CH4066	40		400	CH825	45		340				
CH3400	40		450	CH2884	45		350				
CH2883	40		600	CH850	45		380				
11-3091	41	35	406	CH924	45		390				
CH1642	41	44	380	CH821	45		410				
11-3567	41	44	530	CH945	45		410				
11-2941	41	44	545	CH1025	45		440				
CH1788	41	45	510	CH970	45		530				
CH2398	41	45	530	CH972	45		530				
CH4410	41	46	100	CH1198	45		600				
CH1637	41	46	250	CH4502	45		865				
CH1638	41	46	280	CH1236	48	51	590				
CH1641	41	46	310	CH1595	48	53	480				
CH1636	41	47	75	CH1450	48	56	250				
11-3137	41	48	110	CH4359	48		750				
CH1639	41	53	280	CH3772	48		390				
11-2293	41	56	781	11-2957	49	38	691				
CH2351	41	56	781	CH4426	49	64	380				
11-0418	41	57	303	11-2953	49	65	440				
11-1643	41		52	11-0134	49		330				
11-4238	41		54	CH4425	49		160				
11-1571	41		527	CH4560	50	54	260				
CH1635	41		310	CH1592	50	54	720				
CH4791	41		350	CH1590	50	55	760				
CH3210	41		380	CH658	50		90				
CH4067	41		400	CH1589	50		300				
CH4453	41		410	CH1596	50		320				

Part No	Location	Application
A6078	Lower Radiator insulator	HOLDEN Commodore Statesman VX-WH 5.7 Litre V8 2000 - 2004, HOLDEN Commodore Statesman VX-WH 5.7 Litre V8 2000 - 2002, HOLDEN Commodore Statesman VY-WK 5.7 Litre V8 2002 - 2004
A6079	Upper Radiator insulator	HOLDEN Commodore Statesman VX-WH 5.7 Litre V8 2000 - 2002, HOLDEN Commodore Statesman VY-WK 5.7 Litre V8 2002 - 2004, HOLDEN Commodore Statesman VX-WH 5.7 Litre V8 2000 - 2002
BC19	Water Pump Cap	HOLDEN Commodore Statesman VC 1.9 Litre (without Pulsair) 19mm (3/4") 1980 - 1981, HOLDEN HQ, HJ and Statesman 253 c.i.d. (4.2 Litre) 19mm (3/4") 7/71 - 7/76, HOLDEN HX and Statesman 308 c.i.d. (5.0 Litre) 19mm (3/4") 1976 - 1977, HOLDEN HX and Statesman 253 c.i.d. (4.2 Litre) 19mm (3/4") 1976 - 1977, HOLDEN HX and Statesman 2.8 Litre (173), 3.3 Litre (202) 19mm (3/4") 1976 - 1977, HOLDEN HZ and Statesman 2.8 Litre (173), 3.3 Litre (202) 19mm (3/4") 1977 - 1978, HOLDEN HZ and Statesman 308 c.i.d. (5.0 Litre) 19mm (3/4") 1977 - 1978, HOLDEN HQ, HJ and Statesman 308 c.i.d. (5.0 Litre) 19mm (3/4") 7/71 - 7/76, HOLDEN WB and Statesman 4.2, 5.0 Litre 19mm (3/4") 1980 - 1985, HOLDEN HG 308 c.i.d. (5.0 Litre) 19mm (3/4") 1970 - 1971, HOLDEN Commodore Statesman VH 2.8, 3.3 Litre 6Cyl 19mm (3/4") 1981 - 1984, HOLDEN Commodore Statesman VH 4.2, 5.0 Litre V8 19mm (3/4") 1981 - 1984, HOLDEN Commodore Statesman VH 1.9 Litre (without Pulsair) 19mm (3/4") 1981 - 1984, HOLDEN WB and Statesman 3.3 Litre 19mm (3/4") 1980 - 1985, HOLDEN HK 161, 186 c.i.d. 19mm (3/4") 1969 - 1970, HOLDEN Commodore Statesman VC 4.2, 5.0 Litre V8 19mm (3/4") 1980 - 1981, HOLDEN Commodore Statesman VB 4.2, 5.0 Litre V8 19mm (3/4") 1978 - 1980, HOLDEN Commodore Statesman VK 4.2, 5.0 Litre V8 19mm (3/4") 1984 - 1986, HOLDEN Commodore Statesman VK 2.8, 3.3 Litre 6Cyl 19mm (3/4") 1984 - 1986, HOLDEN Commodore Statesman VB 2.8, 3.3 Litre 6Cyl 19mm (3/4") 1978 - 1980, HOLDEN Commodore Statesman VK 1.9 Litre 4Cyl (with Pulsair) 19mm (3/4") 1984 - 1986, HOLDEN Commodore Statesman VL 5.0 Litre V8 19mm (3/4") 1986 - 1988, HOLDEN HQ, HJ and Statesman 2.8 Litre (173) 3.3 Litre (202) 19mm (3/4") 7/71 - 7/76, HOLDEN HK 307 and 327 c.i.d. 19mm (3/4") 1968 - 1969, HOLDEN HQ, HJ and Statesman 350 c.i.d. (5.7 Litre) 19mm (3/4") 7/71 - 7/76, HOLDEN HK 253 c.i.d. (4.2 Litre) 19mm (3/4") 1969 - 1970, HOLDEN HK 307 c.i.d. 19mm (3/4") 1969 - 1970, HOLDEN HK 308 c.i.d. (5.0 Litre) 19mm (3/4") 1969 - 1970, HOLDEN HK 350 c.i.d. (5.7 Litre) 19mm (3/4") 1969 - 1970, HOLDEN HG 350 c.i.d. (5.7 Litre) 19mm (3/4") 1970 - 1971, HOLDEN HG 161, 186 c.i.d. 19mm (3/4") 1970 - 1971, HOLDEN HG 253 c.i.d. (4.2 Litre) 19mm (3/4") 1970 - 1971, HOLDEN Commodore Statesman VC 2.8, 3.3 Litre 6Cyl 19mm (3/4") 1980 - 1981, HOLDEN HK 161, 186 c.i.d. 19mm (3/4") 1968 - 1971
CH563	Top Hose	PEUGEOT 504 2.0 Litre XN2 1970 - 1980, PEUGEOT 404 1962 - 1970
CH564	Bottom Hose	PEUGEOT 404 1962 - 1970
CH585	ByPass Hose	CHRYSLER Valiant AP5 - AP6 - VC 6 cyl. 1963 - 1967, CHRYSLER Valiant VE - VF - VG 6 cyl. 225 c.i.d. 1967 - 1971, CHRYSLER Valiant VH - CH 6 cyl. without A/Con 1971 - 1973, DODGE / COMMER AT4 1 - 2 - 3 - 4 - 5 - 5H 6 cyl. 1962 - 1969
CH588	Bottom Hose	LANDROVER II A (2.25 Litre Petrol & Diesel) 88 and 109 W.B 1958 - 1967
CH589	Bottom Hose	HOLDEN EH 149 c.i.d. 1963 - 1965
CH590	Bottom Hose	HOLDEN EH 179 c.i.d. 1963 - 1965
CH595	Top Hose	HILLMAN / SINGER / SUNBEAM / TALBOT Husky Series 3 - 5 1963 - 1967, HILLMAN / SINGER / SUNBEAM / TALBOT Super Minx Mk. 2 - 3 1963 - 1966, DODGE / COMMER Commer 7 cwt. COB Series 3 1963 - 1965, HILLMAN / SINGER / SUNBEAM / TALBOT Sunbeam Alpine 1294, 1442, 1599cc Single Choke Carby 1963 - 1967, HILLMAN / SINGER / SUNBEAM / TALBOT Singer Vogue 1963-67 Mk. 2 and 3 1963 - 1967, HILLMAN / SINGER / SUNBEAM / TALBOT Sunbeam Alpine Series 3 - 4 Rapier Series 4 1963 - 1966
CH596	Bottom Hose	HILLMAN / SINGER / SUNBEAM / TALBOT Husky Series 3 - 5 1963 - 1967, HILLMAN / SINGER / SUNBEAM / TALBOT Super Minx Mk. 2 - 3 1963 - 1966, DODGE / COMMER Commer 7 cwt. COB Series 3 1963 - 1965, HILLMAN / SINGER / SUNBEAM / TALBOT Singer Vogue 1963-67 Mk. 2 and 3 1963 - 1967, HILLMAN / SINGER / SUNBEAM / TALBOT Humber Sceptre Mk.1 1963 - 1967, HILLMAN / SINGER / SUNBEAM / TALBOT Sunbeam Alpine Series 3 - 4 Rapier Series 4 1963 - 1966
CH604	Top Hose	MORRIS MINI K 1.1 Litre 1969 - 1971, MORRIS 5CWT Mini Van 848cc With Cast Iron Water Pump 1962 - 1968, MORRIS 5/6CWT JM Van with Alloy Water Pump 1968 - 1975, MORRIS MINI MOKE 1.1 Litre 1966 - 1976
CH605	Bottom Hose	MORRIS 1100 1098cc Eng. with Heater and STD water Pump 1964 - 1971, MORRIS 1100S 1275cc Eng M/Trans. -Standard water Pump 1964 - 1971
CH613	Top Hose	FORD Falcon / Fairlane XM - XP 144, 170, 200 c.i.d 1964 - 1966
CH614	Bottom Hose	FORD Falcon / Fairlane XM - XP 144, 170, 200 c.i.d 1964 - 1966, FORD Falcon / Fairlane XK - XL 144 & 170 c.i.d 1960 - 1964
CH626	Top Hose	BEDFORD 6/8 cwt, HAE, HAV, 92000 Beagle 1975 - 1983, VAUXHALL Viva HA 1057cc 1963 - 1966
CH632	Top Hose	NISSAN PATROL G60 4.0 Litre 6 Cyl (Petrol) 1973 - 1980
CH633	Bottom Hose	NISSAN PATROL G60 4.0 Litre 6 Cyl (Petrol) 1973 - 1980
CH636	Top Hose	BEDFORD CF Holden 6 CYL Pipe to Radiator 1973 - 1981, HOLDEN HD - HR 149, 179 c.i.d 1965 - 1968, HOLDEN HD - HR 161, 186 c.i.d. 1965 - 1968
CH637	Bottom Hose	HOLDEN TORANA LC - LJ 6 Cyl 2.2, 2.6 & 2.8 Litre 1970 - 1974, BEDFORD CF Holden 6 CYL Radiator to Pipe 1973 - 1981, HOLDEN HD - HR 149, 179 c.i.d 1965 - 1968
CH640	Top Hose	INTERNATIONAL ACCO 172 - 182 from CH No. 1760 on 1963 - 1966
CH641	Bottom Hose	INTERNATIONAL ACCO 172 - 182 from CH No. 1760 on 1963 - 1966
CH642	Top Hose	TRIUMPH 2000, 2500 2.5 Pi Mk. 1 - 2 1964 - 1978
CH643	Bottom Hose	TRIUMPH 2000, 2500 2.5 Pi Mk. 1 - 2 1964 - 1978
CH650	Bottom Hose	TOYOTA Crown RS40 41 1.9 Litre; 3R, 3R -B To Frame Nos. RS40 - 90000 and RS41 - 107700 1963 - 1966
CH650	Top Hose	TOYOTA Corona RT40 -46 1.5 Litre; 2R 1964 - 1969, TOYOTA Crown RS40 41 1.9 Litre; 3R, 3R -B 1963 - 1966
CH654	Bottom Hose	TOYOTA Corona RT40 -46 1.5 Litre; 2R 1964 - 1969
CH655	Top Hose	NISSAN Bluebird 411 1.3 Litre 1965 - 1967



Part No	Location	Application
CH657	Bottom Hose	BEDFORD B 300 c.i.d.(Petrol) Radiator to Pipe 1975 - , BEDFORD VA 300 c.i.d. (Petrol) 330 and 400 c.i.d. (Diesel) Radiator to Pipe 1963 - 1968, BEDFORD T 466 c.i.d. (Diesel) Radiator to Pipe (68 year model) CH No.9T463096 - , BEDFORD T 466 c.i.d. (Diesel) Radiator to Pipe (68 year model) CH No.7T1000019T463095 - , BEDFORD N 300 c.i.d. (Petrol) Radiator to Pipe CH No.OT478700 1968 - , BEDFORD P 300 c.i.d. (Petrol) Radiator to Pipe 1972 - , BEDFORD T 300 c.i.d. (Petrol) Radiator to Pipe (70 year model) 1972 - 1974, BEDFORD SB 300 c.i.d. (Diesel) & (Petrol) Radiator to Pipe 1951 - 1968, BEDFORD T 300 c.i.d. (Petrol) Radiator to Pipe (68 year model) 1968 - 1972, BEDFORD SB 330 c.i.d. (Diesel) Radiator to pipe 1951 - 1968, BEDFORD VAL 466 c.i.d. (Diesel) Radiator to Engine 1963 - 1968, BEDFORD W 466 c.i.d. (Diesel) Radiator to Pipe 1968 - 1972, BEDFORD B 466 c.i.d.(Diesel) Radiator to Pipe 1975 - , BEDFORD VAM 466 c.i.d. (Diesel) Radiator to Pipe 1963 - 1968, BEDFORD K 214,300 c.i.d Petrol Pipe to Radiator 1961 - 70, BEDFORD N 300 c.i.d. (Diesel) Radiator to Pipe 1968 - , BEDFORD K 300 c.i.d. (Diesel) Radiator to Pipe CHASSIS No 10016832696 1961 - 70, BEDFORD EPR, ERT 381 and 486 c.i.d.(Diesel) Pipe to Radiator 1968 - , BEDFORD Y 466 c.i.d. (Diesel) Radiator to Pipe -
CH658	Bottom Hose	BEDFORD SB 330 c.i.d. (Diesel) Pipe to Engine 1951 - 1968, BEDFORD T 300 c.i.d. (Petrol) Pipe to Engine (68 year model) 1968 - 1972, BEDFORD C 300 c.i.d.(Petrol) Pipe to Engine CHASSIS No.7T10019T121959 1968 - , BEDFORD P 300 c.i.d. (Petrol) Pipe to Engine 1972 - , BEDFORD T 300 c.i.d. (Petrol) Pipe to Engine (70 year model) 1972 - 1974, BEDFORD B 300 c.i.d.(Petrol) Pipe to Engine 1975 - , BEDFORD N 300 c.i.d. (Petrol) Radiator to Pipe CH No.7T450001 OT478699 1968 - , BEDFORD J5,J6 300 c.i.d. (Petrol) Pipe to Engine CHASSIS No 95107129138 1959 - 70, BEDFORD J5,J6 300 c.i.d. (Petrol) Pipe to Engine CHASSIS No 129139 1959 - 70, BEDFORD VA 300 c.i.d. (Petrol) 330 and 400 c.i.d. (Diesel) Pipe to Engine 1963 - 1968, BEDFORD N 300 c.i.d. (Diesel) Pipe to Engine 1968 - , BEDFORD SB 300 c.i.d. (Diesel) & (Petrol) Pipe to Engine 1951 - 1968, BEDFORD C 330 c.i.d. (Diesel) Pipe to Engine CHASSIS No.7T10019T121959 1986 -
CH658	Hose Outlet to Water Pump	BEDFORD J5,J6 300 c.i.d. (Petrol) CHASSIS No 100195106 1959 - 70
CH658	Top Hose	BEDFORD K 214,300 c.i.d Petrol Filler Pipe to Header Tank 1961 - 70
CH662	Top Hose	AUSTIN 1800 4 cyl 1965 - 1970, WOLSELEY 1800 Mk.1 -2 S Range Wolseley 18/85 1964 - 1972
CH667	Bottom Hose	LANDROVER II A (2.25 Litre Petrol) where fitted with Angled Bottom Connection and 12 volt AC/DC Generator 1958 - 1967
CH668	Top Hose	CHRYSLER Valiant AP6 - VC 8 cyl. 1965 - 1967
CH669	Bottom Hose	CHRYSLER Valiant AP6 - VC 8 cyl. 1965 - 1967
CH673	Bottom Hose	AUSTIN 1800 4 cyl 1965 - 1970, WOLSELEY 1800 Mk.1 -2 S Range Wolseley 18/85 1964 - 1972
CH701	ByPass Hose	TOYOTA HiAce RH11 - 20 - 30 12R - , TOYOTA Lite Stout RK43 15 cwt. 1965 - 1969, TOYOTA HiAce RH11 - 16 12R 1971 - 1977, TOYOTA Corona RT40 -46 1.5 Litre; 2R 1964 - 1969
CH717	Top Hose	FORD Falcon / Fairlane XW ZC 3.1, 3.6 Litre (6 Cyl) 1969 - 1970, FORD Falcon / Fairlane XR - ZA 6Cyl 1966 - 1967, FORD Falcon / Fairlane XT - XW - ZB 6Cyl 1967 - 1970
CH718	Bottom Hose	FORD Falcon / Fairlane XR - ZA 6Cyl 1966 - 1967
CH719	Top Hose	FORD Falcon / Fairlane XR - ZA 289 c.i.d (V8) 1966 - 1967
CH720	Bottom Hose	FORD Falcon / Fairlane XW ZC 302 c.i.d. (V8) 1969 - 1970, FORD Falcon / Fairlane XT - XW - ZB 302 c.i.d. (V8) 1967 - 1970, FORD Falcon / Fairlane XR - ZA 289 c.i.d (V8) 1966 - 1967
CH722	Bottom Hose	CHEVROLET /GMC 283 1963 - 1964
CH735	ByPass Hose	HOLDEN HT 161, 186 c.i.d. Manifold Inlet & Outlet without A/C 438mm length Except 186S 1969 - 1970
CH735	Heater Hose	HOLDEN HK 161, 186 c.i.d. Manifold Inlet & Outlet without A/C 438mm Except 186S 1968 - 1971, HOLDEN HG 161, 186 c.i.d. Manifold Inlet & Outlet without A/C 438mm length Except 186S 1968 - 1971, HOLDEN HD - HR 161, 186 c.i.d. Manifold Inlet & Outlet 438mm length HR (except X2 and S Engines) W/O Power Steering 1965 - 1968
CH735	HeaterHose	HOLDEN TORANA LC - LJ 6 Cyl 2.2, 2.6 & 2.8 Litre -Manifold Inlet and Outlet (length 438mm) 1970 - 1974
CH736	Heater Hose	HOLDEN Commodore Statesman VK 1.9 Litre 4Cyl (with Pulsair) Thermostat to Heater Inlet 1984 - 1986, HOLDEN Commodore Statesman VC 1.9 Litre (without Pulsair) -Thermostat to Heater Inlet 1980 - 1981, HOLDEN HD - HR 161, 186 c.i.d. Manifold Inlet 768mm length HR X2 W/O Power Steering 1965 - 1968, HOLDEN Commodore Statesman VH 1.9 Litre 4Cyl (with Pulsair) Thermostat to Heater Inlet 1981 - 1984
CH742	Top Hose	NISSAN 1000 B10 1967 - 1970
CH743	Bottom Hose	NISSAN 1000 B10 1967 - 1970
CH751	Bottom Hose	TOYOTA Corolla KE10 -15 -16. 1.1 Litre K 1966 - 1969
CH752	ByPass Hose	TOYOTA Corolla KE10 -15 -16. 1.1 Litre K 1966 - 1969
CH753	Top Hose	HILLMAN / SINGER / SUNBEAM / TALBOT Hunter and Arrow HB -HC and HE Series 1967 - 1973
CH754	Bottom Hose	HILLMAN / SINGER / SUNBEAM / TALBOT Hunter and Arrow HB -HC and HE Series 1967 - 1973
CH756	Heater Hose	HILLMAN / SINGER / SUNBEAM / TALBOT Hunter and Arrow HB -HC and HE Series Heater to Thermostat 1967 - 1973
CH757	Heater Hose	HILLMAN / SINGER / SUNBEAM / TALBOT Hunter and Arrow HB -HC and HE Series Heater to Water Pump 1967 - 1973
CH758	Heater Hose	HILLMAN / SINGER / SUNBEAM / TALBOT Hunter and Arrow HB -HC and HE Series except HE Series - Heater to Control Valve 1967 - 1973
CH772	Bottom Hose	MORRIS MINI K 1.1 Litre with Heater 1969 - 1971, MORRIS MINI CLUBMAN 998cc & 1.1 Litre 1971 - 1978, MORRIS 1100 1098cc Eng With Heater 1098CC 1970-71 1964 - 1971
CH776	Top Hose	HOLDEN TORANA HB - LC - LJ 4Cyl 1.2 , 1.3 Litre O.H.V. 1967 - 1974, HOLDEN TORANA TA 4 Cyl 1.3 Litre 1974 - 1975
CH777	Bottom Hose	HOLDEN TORANA TA 4 Cyl 1.3 Litre with out heater 1974 - 1975, HOLDEN TORANA HB - LC - LJ 4Cyl 1.2 , 1.3 Litre O.H.V. with out Heater 1967 - 1974
CH779	Bottom Hose	HOLDEN TORANA HB - LC - LJ 4Cyl 1.2 , 1.3 Litre O.H.V. with heater extension 1967 - 1974, BEDFORD CF 2,2.3 Litre 4 cyl with Heater 1964 - 1974, HOLDEN TORANA TA 4 Cyl 1.3 Litre with heater extension 1974 - 1975
CH780	Top Hose	CHRYSLER Valiant AP5 - AP6 - VC 6 cyl. 1963 - 1967, CHRYSLER Valiant VE -VF -VG 6 cyl. 225 c.i.d. 1967 - 1971, CHRYSLER Valiant VH - CH 6 cyl. without A/C (Export Only) 1971 - 1973

Part No	Location	Application
CH781	Bottom Hose	CHRYSLER Valiant VE -VF -VG 6 cyl. 225 c.i.d. 1967 - 1971, CHRYSLER Valiant AP5 - AP6 - VC 6 cyl. 1963 - 1967, CHRYSLER Valiant VH - CH 6 cyl. without A/C (Export Only) 1971 - 1973
CH782	Top Hose	CHRYSLER Valiant VE 8 cyl. 1967 - 1969
CH783	Bottom Hose	CHRYSLER Valiant VE 8 cyl. without A/ Con 1969 - 1970, CHRYSLER Valiant VE 8 cyl. 1967 - 1969
CH784	ByPass Hose	CHRYSLER Valiant VE 8 cyl. 1967 - 1969, CHRYSLER Valiant AP6 - VC 8 cyl. 1965 - 1967, CHRYSLER Valiant VE 8 cyl. without A/ Con 1969 - 1970
CH787	Top Hose	HOLDEN HG 161, 186 c.i.d. without A/C 1968 - 1971, HOLDEN HT 161, 186 c.i.d. without A/C 1969 - 1970, MORRIS ITAL 1.7 Litre 1980 - 1984, MORRIS MARINA 1.7 Litre 1978 - 1980, HOLDEN HK 161, 186 c.i.d. without A/C 1968 - 1971
CH788	Bottom Hose	HOLDEN HT 161, 186 c.i.d. without A/C 1969 - 1970, HOLDEN HK 161, 186 c.i.d. without A/C 1968 - 1971, HOLDEN HG 161, 186 c.i.d. without A/C 1968 - 1971
CH789	Top Hose	HOLDEN HK 307 and 327 c.i.d. 1968 - 1969, HOLDEN HT 307 c.i.d. 1969 - 1970
CH790	Bottom Hose	HOLDEN HK 307 and 327 c.i.d. 1968 - 1969, HOLDEN HT 307 c.i.d. 1969 - 1970
CH791	Engine Breather Hose	HOLDEN HK 161, 186 c.i.d. without A/C 750mm length Except 186S 1968 - 1971, HOLDEN HT 161, 186 c.i.d. without A/C 750mm length Except 186S 1969 - 1970, HOLDEN HQ, HJ and Statesman 2.8 Litre (173) 3.3 Litre (202) 7/71 - 7/76, HOLDEN HG 161, 186 c.i.d. without A/C 750mm length Except 186S 1968 - 1971, HOLDEN HX and Statesman 2.8 Litre (173), 3.3 Litre (202) 1976 - 1977
CH791	Hose- Engine Breather	HOLDEN TORANA LH - LX - UC 2.8, 3.3 Litre without Emission Control 1974 - 1980
CH791	Hose-Engine Breather	HOLDEN TORANA LC - LJ 6 Cyl 2.2, 2.6 & 2.8 Litre 1970 - 1974, HOLDEN HZ and Statesman 2.8 Litre (173), 3.3 Litre (202) 1977 - 1978
CH794	Top Hose	FORD Falcon / Fairlane XW ZC 302 c.i.d. (V8) without A/C 1969 - 1970, FORD Falcon / Fairlane XT - XW - ZB 302 c.i.d. (V8) 1967 - 1970, FORD Falcon / Fairlane XY - ZD 302 c.i.d. (V8) without A/C 1970 - 1972, FORD Falcon / Fairlane XW ZC 302 c.i.d. (V8) Cleveland Eng 1969 - 1970
CH797	ByPass Hose	HOLDEN HT 161, 186 c.i.d. Manifold Inlet 186S Engines without P/S 1969 - 1970
CH797	Heater Hose	HOLDEN HG 161, 186 c.i.d. Manifold Inlet 186S Engines without P/S 1968 - 1971, HOLDEN HK 161, 186 c.i.d. Manifold Inlet 186S Engines without P/S 1968 - 1971
CH800	Bottom Hose	FORD Falcon / Fairlane XT - XW - ZB 6Cyl 1967 - 1970, FORD Falcon / Fairlane XW ZC 3.1, 3.6 Litre (6 Cyl) 1969 - 1970
CH803	Top Hose	FORD Corsair 9/63 - 1965, FORD Cortina MKI 1.2 & 1.5 Litre 1962 - 1967, FORD Cortina MKII 1300, 1500 1967 - 1978
CH804	Bottom Hose	FORD Cortina 1300 - 1500 -Cross Flow Head 1968 - 1971, FORD Cortina MKII 1300, 1500 1967 - 1978
CH805	Top Hose	FORD Cortina 1300 - 1500 -Cross Flow Head 1968 - 1971
CH816	Bottom Hose	MORRIS MINI MOKE Californian 1.3 Litre 1978 - 1983, MORRIS MINI MOKE 998cc 1976 - 1983, MORRIS MINI K 1.1 Litre without Heater 1969 - 1971, MORRIS 1100 1098cc Eng w/out Heater & Large water Pump 1964 - 1971, MORRIS MINI MOKE 1.1 Litre 1966 - 1976
CH817	Bottom Hose	MORRIS MINI CLUBMAN 1.3 Litre 1971 - 1973, MORRIS 1100S 1275cc Eng M & A/Trans - Large water Pump 1964 - 1971, MORRIS 1300 & Nomad 1500 Auto Trans with Heater 1969 - 1971, MORRIS 1100 1098cc Eng with Heater & Large water Pump 1964 - 1971
CH818	Top Hose	HOLDEN HQ, HJ and Statesman 308 c.i.d. (5.0 Litre) 7/71 - 7/76, HOLDEN HZ and Statesman 308 c.i.d. (5.0 Litre) 1977 - 1978, HOLDEN TORANA LH - LX 4.2, 5.0 Litre V8 1974 - 1978, HOLDEN HX and Statesman 308 c.i.d. (5.0 Litre) 1976 - 1977, HOLDEN HX and Statesman 253 c.i.d. (4.2 Litre) 7/71 - 7/76, HOLDEN HT 308 c.i.d. (5.0 Litre) without A/C 1969 - 1970, HOLDEN HT 253 c.i.d. (4.2 Litre) without A/C 1969 - 1970
CH819	Bottom Hose	HOLDEN HT 253 c.i.d. (4.2 Litre) 1969 - 1970, HOLDEN HG 308 c.i.d. (5.0 Litre) 1970 - 1971, HOLDEN HG 253 c.i.d. (4.2 Litre) 1970 - 1971, HOLDEN HT 308 c.i.d. (5.0 Litre) 1969 - 1970
CH820	Top Hose	FORD Falcon / Fairlane XW ZC 351 c.i.d. (V8) Windsor Eng 1969 - 1970
CH821	Bottom Hose	FORD Falcon / Fairlane XW ZC 351 c.i.d. (V8) Windsor Eng 1969 - 1970
CH822	Top Hose	HOLDEN TORANA LC - LJ 6 Cyl 2.2, 2.6 & 2.8 Litre 1970 - 1974
CH824	Top Hose	JAGUAR XJ6 4.2 Litre 1969 - 1981
CH825	Bottom Hose	JAGUAR XJ6 4.2 Litre -Radiator to Bottom Water Pipe 1969 - 1981, JAGUAR 2.8 Litre -Radiator to Bottom Water Pipe 1969 - 1973
CH828	Top Hose	FORD Transit V4 (Petrol) 1965 - 1974
CH829	Bottom Hose	FORD Transit V4 (Petrol) 1965 - 1974
CH843	Top Hose	MORRIS 1100 Mk.2 - 3 1970 - 1974, MORRIS COOPER S Mk 2 1.3 Litre 1969 - 1972, MORRIS MINI CLUBMAN 1.3 Litre 1971 - 1973, MORRIS 1100S 1275cc Eng 1964 - 1971, MORRIS 1300 & Nomad 1500 Auto Trans 1969 - 1971
CH845	Top Hose	FORD Escort MKI (to April 70) except 1970-71 Twin Cam, and 1972 GT1600 1970 - 1977, FORD Capri 1600 1969 - 10/69, FORD Escort MKI 1969 - 1970
CH848	Bottom Hose	VAUXHALL Viva HC 1256cc - with Heater 1970 - 1979, VAUXHALL Viva HB 1159cc 1968-69 - with Heater 1966 - 1970
CH849	Top Hose	CHRYSLER Valiant VG - VH - VJ - VK -CH - CJ - CK 6 cyl. to GF3 22" Radiator 1970 - 1976
CH850	Bottom Hose	CHRYSLER Valiant VG - VH - VJ - VK -CH - CJ - CK 6 cyl. to GF3 22" Radiator 1970 - 1976
CH851	Top Hose	CHRYSLER Valiant VG - VH - VJ CH - CJ 8 Cyl with 19" Radiator 1970 - 1975
CH852	Bottom Hose	CHRYSLER Valiant VK - CK 8 cyl. to GF23 22" Radiator 1975 - 1976, CHRYSLER Valiant VG - VH - VJ CH - CJ 8 Cyl 1970 - 1975
CH853	Bottom Hose	MAZDA 1300 to Radiator 1974 - 1978
CH853	Top Hose	NISSAN 1600 P510 1968 - 1972
CH854	Bottom Hose	NISSAN 1600 P510 1968 - 1972
CH876	Top Hose	TOYOTA HiLux RN20 - RN 25 1.6 Litre 12R 8/74 - 1/75
CH877	Bottom Hose	MAZDA F100 Bongo Van, B1500 Ute 1969 - 1981

Part No	Location	Application
CH877	Top Hose	TOYOTA Corona RT80 -81 1.5, 1.6 Litre 2R &12R 1970 - 1973
CH881	Top Hose	HOLDEN HT 350 c.i.d. (5.7 Litre) 1969 - 1970, HOLDEN HG 350 c.i.d.(5.7 Litre) 1970 - 1971
CH882	Bottom Hose	HOLDEN HT 350 c.i.d. (5.7 Litre) 1969 - 1970, HOLDEN HG 350 c.i.d.(5.7 Litre) 1970 - 1971
CH883	Top Hose	HOLDEN HG 253 c.i.d.(4.2 Litre) 1970 - 1971, HOLDEN HT 308 c.i.d. (5.0 Litre) with A/C 1969 - 1970, HOLDEN HT 253 c.i.d. (4.2 Litre) with A/C 1969 - 1970, HOLDEN HG 308 c.i.d. (5.0 Litre) 1970 - 1971
CH885	Top Hose	CHRYSLER Valiant VE 8 cyl. without A/ Con 1969 - 1970
CH892	Bottom Hose	VAUXHALL Victor FD 1600 - 2000 - with Heater 1967 - 1971, VAUXHALL Viva HC 1600 - with Heater 1970 - 1972, VAUXHALL Firenza 1600, 2000 - with Heater 1971 - 1973
CH893	Top Hose	CHRYSLER Galant A51 - GA - GB 1.3, 1.4, 1.5, 1.6 Litre 1970 - 1974, MITSUBISHI Lancer LA 1.4 Litre to Eng No.3B86667 1974 - 1979, CHRYSLER Galant GC 1.4,1.6 Litre 1974 - 1976
CH894	Bottom Hose	CHRYSLER Galant A51 - GA - GB 1.3, 1.4, 1.5, 1.6 Litre 1970 - 1974, MITSUBISHI Lancer LA 1.4 Litre to Eng No.3B86667 1974 - 1979
CH897	Top Hose	TOYOTA Corolla KE20 - 25 1.2 Litre; 3K 1970 - 1974
CH898	Bottom Hose	TOYOTA Corolla KE20 - 25 1.2 Litre; 3K 1970 - 1974
CH899	ByPass Hose	HOLDEN HQ, HJ and Statesman 253 c.i.d. (4.2 Litre) Manifold Inlet without Heater 7/71 - 7/76
CH899	Heater Hose	HOLDEN HT 253 c.i.d. (4.2 Litre) Manifold Inlet 1969 - 1970, HOLDEN HG 253 c.i.d.(4.2 Litre) Manifold Inlet 1970 - 1971
CH900	Heater Hose	HOLDEN HG 253 c.i.d.(4.2 Litre) Manifold Outlet 1970 - 1971, HOLDEN HT 253 c.i.d. (4.2 Litre) Manifold Outlet 1969 - 1970
CH901	ByPass Hose	CHRYSLER Valiant VG - VH - VJ CH - CJ 8 Cyl 1970 - 1975, CHRYSLER Centura KB - KC 1975 - 1978, DODGE / COMMER AT4 4 - 5 - 5H - 6 - 6H.8 cyl. (Diesel) 1962 - 1969
CH907	Top & Bottom Hose	MERCEDES - BENZ 180B & DC 1961 - 1962
CH909	Bottom Hose	TOYOTA Corona RT80 -81 1.5, 1.6 Litre 2R &12R Manual Trans 1970 - 1973
CH912	Bottom Hose	BMW 318i E21 1.8 litre 1980 - 1982
CH916	Bottom Hose	MERCEDES - BENZ 280S, SE to Chassis No.108 1968 - 1972
CH917	Top Hose	MERCEDES - BENZ 230SE 1966 - 1972
CH918	Bottom Hose	MERCEDES - BENZ 250SE 1971 - 1973, MERCEDES - BENZ 230SE 1966 - 1972
CH919	Top Hose	FORD Falcon / Fairlane XY - ZD 200 c.i.d. (6Cyl) 1970 - 1972
CH920	Bottom Hose	FORD Falcon / Fairlane XY - ZD 200 c.i.d. (6Cyl) 1970 - 1972
CH921	Top Hose	FORD Falcon / Fairlane XY - ZD 250 c.i.d. (6Cyl) 1970 - 1972
CH924	Bottom Hose	FORD Falcon / Fairlane XY - ZD 302 c.i.d. (V8) 1970 - 1972
CH925	Top Hose	CHRYSLER Valiant VH - CH 6 cyl. 19" Rad without A/C 1971 - 1973
CH926	Bottom Hose	CHRYSLER Valiant VH - CH 6 cyl. 19"Rad without A/C 1971 - 1973
CH931	Top Hose	FORD Capri 1600 11/69 - 1972, FORD Escort MKII 1.6 litre 1977 - 1981, FORD Escort MKI (from April 70) except 1970-71 Twin Cam, and 1972 GT1600 1970 - 1977, FORD Cortina TC 1600 1971 - 1973
CH932	Bottom Hose	FORD Escort MKI except 1970-71 Twin Cam, and 1972 GT1600 1970 - 1977, FORD Escort MKI 1969 - 1970, FORD Capri 1600 1969 - 1972, FORD Cortina TC 1600 1971 - 1973, FORD Escort MKII 1.6 litre 1977 - 1981
CH933	Top Hose	FORD Cortina TC - TD 2000 1971 - 1977
CH934	Bottom Hose	FORD Cortina TC - TD 2000 1971 - 1977
CH935	Top Hose	HOLDEN TORANA LH - LX - UC 2.8, 3.3 Litre Without A/C (Standard Radiator) 1974 - 1980, HOLDEN HX and Statesman 2.8 Litre (173), 3.3 Litre (202) without A/C 1976 - 1977, HOLDEN HZ and Statesman 2.8 Litre (173), 3.3 Litre (202) without A/C 1977 - 1978, HOLDEN HQ, HJ and Statesman 2.8 Litre (173) 3.3 Litre (202) without A/C 7/71 - 7/76, TOYOTA Lite Ace KM20 1.3 Litre 4K - C 10/79 - 1985, TOYOTA Dyna RU10 12 15 5R 2/72 - 7/77
CH936	Top Hose	HOLDEN TORANA LH - LX - UC 2.8, 3.3 Litre With A/C (H.D. RADIATOR) 1974 - 1980, HOLDEN HQ, HJ and Statesman 2.8 Litre (173) 3.3 Litre (202) with A/C 7/71 - 7/76, HOLDEN HX and Statesman 2.8 Litre (173), 3.3 Litre (202) with A/C 1976 - 1977, HOLDEN HZ and Statesman 2.8 Litre (173), 3.3 Litre (202) with A/C 1977 - 1978
CH938	Top Hose	HOLDEN HQ, HJ and Statesman 350 c.i.d (5.7 Litre) 7/71 - 7/76
CH941	ByPass Hose	HOLDEN HQ, HJ and Statesman 253 c.i.d. (4.2 Litre) Manifold Inlet with Heater 7/71 - 7/76
CH942	Heater Hose	HOLDEN HQ, HJ and Statesman 308 c.i.d. (5.0 Litre) Manifold Inlet 7/71 - 7/76
CH943	Bottom Hose	HOLDEN HQ, HJ and Statesman 2.8 Litre (173) 3.3 Litre (202) 7/71 - 7/76, HOLDEN TORANA LH - LX - UC 2.8, 3.3 Litre 1974 - 1980, HOLDEN HX and Statesman 2.8 Litre (173), 3.3 Litre (202) 1976 - 1977, HOLDEN HZ and Statesman 2.8 Litre (173), 3.3 Litre (202) without Power Steering 1977 - 1978
CH944	Bottom Hose	HOLDEN HX and Statesman 253 c.i.d (4.2 Litre) 1976 - 1977, HOLDEN HX and Statesman 308 c.i.d. (5.0 Litre) 1976 - 1977, HOLDEN TORANA LH - LX 4.2, 5.0 Litre V8 1974 - 1978, HOLDEN HZ and Statesman 308 c.i.d. (5.0 Litre) 1977 - 1978, HOLDEN HQ, HJ and Statesman 253 c.i.d. (4.2 Litre) 7/71 - 7/76, HOLDEN HQ, HJ and Statesman 308 c.i.d. (5.0 Litre) 7/71 - 7/76
CH945	Bottom Hose	HOLDEN HQ, HJ and Statesman 350 c.i.d (5.7 Litre) 7/71 - 7/76
CH953	ByPass Hose	FORD Fairlane FB - FC - FD 1962 - 1965, FORD Falcon / Fairlane XR - ZA 289 c.i.d (V8) 1966 - 1967, FORD Falcon / Fairlane XW ZC 302 c.i.d. (V8) 1969 - 1970, FORD Falcon / Fairlane XT - XW - ZB 302 c.i.d. (V8) 1967 - 1970
CH954	Top Hose	NISSAN 1200 B110 1970 - 1974
CH955	Bottom Hose	NISSAN 1200 B110 without Heater 1970 - 1974
CH956	Bottom Hose	NISSAN 1200 B110 Front with Heater 1970 - 1974
CH957	Bottom Hose	NISSAN 1200 B110 Rear with Heater 1970 - 1974
CH958	Top Hose	FORD Falcon / Fairlane XW ZC 351 c.i.d. (V8) Cleveland Eng 1969 - 1970, FORD Falcon / Fairlane XY - ZD 351c.i.d. (V8) 1970 - 1972



Part No	Location	Application
CH959	Bottom Hose	FORD Falcon / Fairlane XW ZC 351 c.i.d. (V8) Cleveland Eng 1969 - 1970, FORD Falcon / Fairlane XY - ZD 351c.i.d. (V8) 1970 - 1972
CH961	Top Hose	FORD Falcon / Fairlane XW ZC 302 c.i.d. (V8) with A/C 1969 - 1970, FORD Falcon / Fairlane XY - ZD 302 c.i.d. (V8) with A/C 1970 - 1972
CH962	Bottom Hose	FORD Falcon / Fairlane XW ZC 302 c.i.d. (V8) Cleveland Eng 1969 - 1970
CH965	Top Hose	FORD Falcon / Fairlane XA - XB ZF - ZG 4.1 litre (6Cyl) 1972 - 1976, FORD Falcon / Fairlane XA - XB 3.3 litre (6Cyl) Auto Trans. 1972 - 1976
CH966	Bottom Hose	FORD Falcon / Fairlane XC 3.3 litre (6Cyl) Auto Trans. 1976 - 1979, FORD Falcon / Fairlane XY - ZD 250 c.i.d. (6Cyl) 1970 - 1972, FORD Falcon / Fairlane XC 4.1 litre (6Cyl) without A/C 1976 - 1979, FORD Falcon / Fairlane XA - XB ZF - ZG 4.1 litre (6Cyl) 1972 - 1976
CH966	Bottom Hose.	FORD Falcon / Fairlane XA - XB 3.3 litre (6Cyl) Auto Trans 1972 - 1976
CH967	Top Hose	FORD Falcon / Fairlane XA - XB ZF - ZG 4.1 litre (6Cyl) with A/C 1972 - 1976
CH968	Bottom Hose	FORD Falcon / Fairlane XC 4.1 litre (6Cyl) with A/C 1976 - 1979, FORD Falcon / Fairlane XD -XE ZJ - ZK 3.3 & 4.1 litre 1979 - 1984, FORD Falcon / Fairlane XA - XB ZF - ZG 4.1 litre (6Cyl) with A/C 1972 - 1976, FORD Falcon / Fairlane XF - ZL - LTD FE UTE/VAN 3.3 & 4.1 litre 1984 - 1988, NISSAN DX ST Utility 4.1 Litre 1998 - 1991
CH969	Top Hose	FORD Falcon / Fairlane XA - XB ZF - ZG -ZH 4.9 litre (V8) Falcon without A/C 1972 - 1976, FORD Falcon / Fairlane XA - XB ZF - ZG -ZH 4.9 litre (V8) Falcon 1972 - 1976, FORD Falcon / Fairlane XA - XB ZF - ZG -ZH 5.8 litre 4V (V8) 1972 - 1976
CH970	Bottom Hose	FORD Falcon / Fairlane XA - XB ZF - ZG -ZH 4.9 litre (V8) Falcon 1972 - 1976, FORD Falcon / Fairlane XA - XB ZF - ZG -ZH 4.9 litre (V8) Falcon without A/C 1972 - 1976, FORD Falcon / Fairlane XA - XB ZF - ZG -ZH 5.8 litre 4V (V8) 1972 - 1976, FORD Falcon / Fairlane XC - ZH 4.9 litre (V8) without A/C 1976 - 1979, FORD Falcon / Fairlane XC 5.8 litre (V8) with & without A/C 1976 - 1979
CH971	Top Hose	FORD Falcon / Fairlane XA - XB ZF - ZG -ZH 4.9 litre (V8) Falcon with A/C 1972 - 1976
CH972	Bottom Hose	FORD Falcon / Fairlane XC - ZH 4.9 litre (V8) with A/C 1976 - 1979, FORD Falcon / Fairlane XA - XB ZF - ZG -ZH 4.9 litre (V8) Falcon with A/C 1972 - 1976
CH973	Top Hose	HOLDEN TORANA LC - LJ 4 Cyl 1.6, 1.8 Litre 1969 - 1974
CH976	Top Hose	RENAULT R12 1970 - 1975
CH977	Bottom Hose	RENAULT R12 1970 - 1975
CH978	Top Hose	MAZDA Capella 1600 1971 - 1975
CH979	Bottom Hose	MAZDA Capella 1600 1971 - 1975
CH985	Top Hose	TOYOTA LANDCRUISER FJ40 - 45F 2F PETROL 1960-12/78 1960 - 1984
CH986	Bottom Hose	TOYOTA LANDCRUISER FJ60 SERIES 4.2 Petrol OHC 2F -Pump Side without A/CÆ 7/80 - , TOYOTA LANDCRUISER FJ40 - 45F 2F PETROL 1960-1984 - Pump Side 1960 - 1984
CH987	Bottom Hose	TOYOTA LANDCRUISER FJ40 - 45F 2F PETROL 1960-7/76 - Rad. Side 1960 - 1984, TOYOTA LANDCRUISER FJ55 3.9 Litre (F) 4.2 Litre (2F) PETROL 1969-7/80 -Rad. Side 1969-7/80 1969 - 1980, TOYOTA LANDCRUISER HJ45 3.6 Litre (H) Diesel Eng 4/72-10/78 - Rad.Side 1972 - 1980
CH988	ByPass Hose	TOYOTA LANDCRUISER FJ60 SERIES 4.2 Petrol OHC 2F 7/80 - , TOYOTA LANDCRUISER FJ40 - 45F 2F PETROL 1960 - 1984, TOYOTA LANDCRUISER FJ55 3.9 Litre (F) 4.2 Litre (2F) PETROL 1969 - 1980
CH989	Top Hose	TOYOTA LANDCRUISER FJ55 3.9 Litre (F) 4.2 Litre (2F) PETROL 69-10/73 1969 - 1980
CH990	Bottom Hose	TOYOTA LANDCRUISER FJ55 3.9 Litre (F) 4.2 Litre (2F) PETROL Pump Side 1969 - 1980
CH991	Bottom Hose	JAGUAR XJ6 4.2 Litre Pump to Bottom Water Pipe 1969 - 1981
CH992	Top Hose	FORD Falcon / Fairlane XA - XB 3.3 litre (6Cyl) Manual Trans. 1972 - 1976
CH993	Bottom Hose	FORD Falcon / Fairlane XA - XB 3.3 litre (6Cyl) Manual Trans. 1972 - 1976, FORD Falcon / Fairlane XC 3.3 litre (6Cyl) Manual Trans 1976 - 1979
CH994	Top Hose	LANDROVER III (2.2 Litre Petrol & Diesel) 1968 - 1981
CH995	Bottom Hose	LANDROVER III (2.2 Litre Petrol & Diesel) 1968 - 1981
CH996	Top Hose	MERCEDES - BENZ 200, 220 230, 200D,220D,240D Compact 1968 - 1977
CH997	Bottom Hose	MERCEDES - BENZ 200, 220 230, 200D,220D,240D Compact 1968 - 1977
CH998	ByPass Hose	FORD Falcon / Fairlane XW ZC 302 c.i.d. (V8) Cleveland Eng 1969 - 1970, FORD Falcon / Fairlane XY - ZD 302 c.i.d. (V8) without A/C 1970 - 1972
CH999	ByPass Hose	FORD Falcon / Fairlane XW ZC 351 c.i.d. (V8) Cleveland Eng (except GT HO Manual Trans) 1969 - 1970, FORD Falcon / Fairlane XW ZC 351 c.i.d (V8) Windsor Eng 1969 - 1970
CH1002	Top Hose	MORRIS MARINA 4 cyl. 1972 - 1975
CH1003	Bottom Hose	MORRIS MARINA 4 cyl. 1972 - 1975
CH1004	Top Hose	ROVER Range Rover 4.W.D. without A/C 1972 - 1985
CH1005	Bottom Hose	ROVER Range Rover 4.W.D. without A/C 1972 - 1985, ROVER Range Rover 4.W.D.ADR27A (Air Pump Models) 1974 - 1978
CH1008	Top Hose	TOYOTA Celica RA23 18R 1976 - 1977, TOYOTA Corona RT132 Lift back 18R 1979 - 1981, TOYOTA Corona RT104 -118 2.0 Litre:18R&18R -C 1973 - 1979, TOYOTA HiLux RN22 -RN27 2.0 Litre (18R) 8/74 - 7/78
CH1009	Bottom Hose	TOYOTA Celica RA23 18R 1976 - 1977, TOYOTA Corona RT132 Lift back 18R 1979 - 1981, TOYOTA Corona RT104 -118 2.0 Litre:18R&18R -C 1973 - 1979, TOYOTA Celica RA23 18R 1977 - 1981
CH1013	Bottom Hose	NISSAN 240K 6Cyl 2.4 Litre 1973 - 1978, NISSAN 180B 610 1972 - 1977
CH1015	Bottom Hose	HOLDEN TORANA LH -LX 1.9 Litre O.H.C.,UC Sunbird Opel 1974 - 1978
CH1016	Top Hose	HOLDEN TORANA LH -LX 1.9 Litre O.H.C.,UC Sunbird Opel 1974 - 1978

Part No	Location	Application
CH1018	Heater Hose	HOLDEN HG 161, 186 c.i.d. Manifold Outlet without A/C 186S Engines without Power Steering 1968 - 1971, HOLDEN HQ, HJ and Statesman 2.8 Litre (173) 3.3 Litre (202) Manifold Inlet with A/C 7/71 - 7/76, HOLDEN TORANA LC - LJ 6 Cyl 2.2, 2.6 & 2.8 Litre Manifold Outlet 1970 - 1974, HOLDEN HT 161, 186 c.i.d. Manifold Outlet without A/C 186S Engines without Power Steering 1969 - 1970, HOLDEN TORANA LH - LX - UC 2.8, 3.3 Litre Manifold Inlet Without A/C (STD Rad) 1974 - 1980, HOLDEN HK 161, 186 c.i.d. Manifold Outlet without A/C 186S Engines without P/S 1968 - 1971, HOLDEN HZ and Statesman 2.8 Litre (173), 3.3 Litre (202) "T" piece to Thermostat Housing 1977 - 1978, HOLDEN HX and Statesman 2.8 Litre (173), 3.3 Litre (202) "T" piece to Thermostat Housing 1976 - 1977
CH1019	Bottom Hose	HONDA CIVIC SB 1200 (EB) Auto. Trans 1973 - 1979
CH1020	Top Hose	HONDA CIVIC SB 1200 (EB) 1973 - 1979
CH1021	Bottom Hose	HONDA CIVIC SB 1200 (EB) Manual Trans 1973 - 1979
CH1024	Top Hose	FORD Cortina TC - TD 3.3 & 4.1 litre (200 and 250 c.i.d.) 6 cyl 1972 - 6/76, FORD Transit 6 cyl. (Petrol) 1973 - 1978
CH1025	Bottom Hose	FORD Cortina TC - TD 3.3 & 4.1 litre (200 and 250 c.i.d.) 6 cyl 6/76 - 1977, FORD Transit 6 cyl. (Petrol) 1973 - 1978, FORD Cortina TC - TD 3.3 & 4.1 litre (200 and 250 c.i.d.) 6 cyl 1972 - 6/76
CH1028	Top Hose	VOLVO 140 B20 1971 - 1974
CH1029	Bottom Hose	VOLVO 140 B20 1971 - 1974
CH1031	Top Hose	TOYOTA Crown MS62 -63 - 64 -65. 2.0 Litre: 2M,4M 1971 - 1974
CH1032	Bottom Hose	TOYOTA Crown MS62 -63 - 64 -65. 2.0 Litre: 2M,4M 1971 - 1974
CH1034	Bottom Hose	VOLVO 164 with A/C 1969 - 1970, VOLVO 164 1971 - 1975
CH1035	Hose- Manifold Outlet	FORD Escort MKI except 1970-71 Twin Cam, and 1972 GT1600 1970 - 1977
CH1036	Hose - Manifold Inlet	FORD Escort MKI except 1970-71 Twin Cam, and 1972 GT1600 1970 - 1977
CH1037	Top Hose	MORRIS P76 8 cyl. 1973 - 1975
CH1038	Bottom Hose	MORRIS P76 8 cyl. 1973 - 1975
CH1039	Top Hose	JAGUAR XJ12 II 5.3 Litre Left Hand 1975 - 1976, MAZDA 121,121L 1.8 & 2.0 Litre 1977 - 1980, JAGUAR XJ12 5.3 Litre Left Hand 1973 - 1979, MAZDA 929 1.8 Litre 1.8 Litre 1973 - 1979
CH1040	Bottom Hose	FORD Courier 1978 1.8 litre (Petrol) 1978 - 1982, MAZDA B1800 1.8 Litre 1977 - 1983, MAZDA 929 1.8 Litre 1.8 Litre 1973 - 1979, MAZDA 121,121L 1.8 & 2.0 Litre 1977 - 1980
CH1041	Top Hose	MAZDA 323 1977 - 1980, MAZDA 1300 1974 - 1978, MAZDA 808 1.3 Litre 1972 - 1978
CH1042	Bottom Hose	MAZDA 808 1.3 Litre 1972 - 1978
CH1043	Bottom Hose	MAZDA 1300 to Water Pump 1974 - 1978
CH1044	Top Hose	TOYOTA Celica TA22 2T Eng 1972 - 1975
CH1045	Bottom Hose	TOYOTA Celica TA22 2T Eng 1972 - 1975
CH1047	Top Hose	NISSAN 120Y B210 1974-11/75 1974 - 1978
CH1048	Bottom Hose	NISSAN 120Y B210 1974 - 1978
CH1055	Bottom Hose	MITSUBISHI SIGMA 1.6 Litre (GE2)(GE3) 1977 - 1978, CHRYSLER SIGMA GH 1.6 Litre (GH3) 1980 - 1982, CHRYSLER Galant GC 1.4,1.6 Litre 1974 - 1976, CHRYSLER Galant GD 1.6 Litre 1976 - 1978
CH1056	Top Hose	CHRYSLER Centura KB - KC 1975 - 1978
CH1057	Bottom Hose	CHRYSLER Centura KB - KC 1975 - 1978
CH1058	Top Hose	MAZDA B1600 Utility 1971 - 1981, MAZDA F100 Bongo Van, B1500 Ute 1969 - 1981
CH1059	Bottom Hose	PEUGEOT 504 2.0 Litre XN2 1970 - 1980
CH1060	Top Hose	HILLMAN / SINGER / SUNBEAM / TALBOT Avenger 12501500 1970 - 1973, MITSUBISHI Plymouth Cricket 1970 - 1973, HILLMAN / SINGER / SUNBEAM / TALBOT Avenger 1300 - 1600 1973 - 1981
CH1061	Bottom	HILLMAN / SINGER / SUNBEAM / TALBOT Avenger 12501500 1970 - 1973
CH1061	Bottom Hose	HILLMAN / SINGER / SUNBEAM / TALBOT Avenger 1300 - 1600 1973 - 1981, MITSUBISHI Plymouth Cricket 1970 - 1973
CH1062	ByPass Hose	HILLMAN / SINGER / SUNBEAM / TALBOT Avenger 12501500 Upper 1970 - 1973
CH1063	ByPass Hose	HILLMAN / SINGER / SUNBEAM / TALBOT Avenger 12501500 Lower to Heater 1970 - 1973
CH1064	ByPass Hose	HILLMAN / SINGER / SUNBEAM / TALBOT Avenger 12501500 Cyl. Head 1970 - 1973
CH1065	ByPass Hose	HILLMAN / SINGER / SUNBEAM / TALBOT Avenger 12501500 to Pump 1970 - 1973
CH1068	Top Hose	TOYOTA Corolla KE30 -35 1.2 Litre; 3K - C 1974 - 1978, TOYOTA Corolla KE38 -55 1.3 Litre; 4K - C 1979 - 1981
CH1069	Bottom Hose	TOYOTA Corolla KE30 -35 1.2 Litre; 3K - C 1974 - 1978
CH1092	ByPass Hose	MERCEDES - BENZ 220SB, 250S, SC, SL,280S, SE 6 cyl. (Petrol) 1959 -
CH1093	Top Hose	TOYOTA Cressida MX62 Fuel Injection 1981 - 1983, TOYOTA Corona Mark 2 2.0L MX10; 2.3 Litre, MX12M and 2M Eng 1972 - 1974
CH1094	Bottom Hose	TOYOTA Corona Mark 2 2.0L MX10; 2.3 Litre, MX12M and 2M Eng 1972 - 1974
CH1095	Top Hose	HILLMAN / SINGER / SUNBEAM / TALBOT Hunter, Minx, Humber, Sceptre, Singer Gazelle, Vogue, Sunbeam Alpine, Rapier H120 Auto 1966 - 1979
CH1096	Bottom Hose	HILLMAN / SINGER / SUNBEAM / TALBOT Hunter, Minx, Humber, Sceptre, Singer Gazelle, Vogue, Sunbeam Alpine, Rapier H120 Auto 1966 - 1979
CH1097	Top Hose	BEDFORD Chevanne 9.8 cwt 1976 - 1982, VAUXHALL Firenza 1300 1970 - 1973, VAUXHALL Viva HB 1159cc 1966 - 1970, VAUXHALL Chevette 1300 1975 - 1984
CH1101	Top Hose	FORD Falcon / Fairlane XC 3.3 litre (6Cyl) without A/C 1976 - 1979, FORD Falcon / Fairlane XC 4.1 litre (6Cyl) without A/C 1976 - 1979
CH1102	Top Hose	HOLDEN GEMINI TE 1.6 Litre (Petrol) 1979 - 1982, HOLDEN GEMINI TC - TD 1.6 litre (Petrol) 1977 - 1979, HOLDEN GEMINI TX 1.6 litre (Petrol) 1975 - 1977

Part No	Location	Application
CH1103	Bottom Hose	JAGUAR XJ12 II 5.3 Litre 1975 - 1976
CH1106	Top Hose	FORD Falcon / Fairlane XC 3.3 litre (6Cyl) with A/C 1976 - 1979, NISSAN DX ST Utility 4.1 Litre without A/C 1998 - 1991, FORD Cortina TE - TF 6 cyl 1977 - 1982, FORD Falcon / Fairlane XF - ZL - LTD FE UTE/ VAN 3.3 & 4.1 litre without A/C UTE & VAN 1984-7/93 1984 - 1988, FORD Falcon / Fairlane XC 4.1 litre (6Cyl) with A/C 1976 - 1979, FORD Falcon / Fairlane XD -XE ZJ - ZK 3.3 & 4.1 litre without A/C 1979 - 1984
CH1107	Top Hose	FORD Falcon / Fairlane XC - ZH 4.9 litre (V8) with A/C 1976 - 1979, FORD Falcon / Fairlane XC 5.8 litre (V8) with & without A/C 1976 - 1979
CH1108	Bottom Hose	FORD Cortina TE - TF 6 cyl 1977 - 1982
CH1109	Top Hose	FORD Cortina TE - TF 4 cyl 1977 - 1982
CH1110	Bottom Hose	FORD Cortina TE - TF 4 cyl without A/C 1977 - 1982
CH1111	Bottom Hose	MAZDA 323 1977 - 1980
CH1113	Bottom Hose	VOLVO 242,244,245 1975 -
CH1114	Bottom Hose	FORD Escort MKII 2.0 Litre 1977 - 1981
CH1119	Top Hose	NISSAN 200B 810 1977 - 1981
CH1120	Bottom Hose	NISSAN 200B 810 1977 - 1981
CH1121	Bottom Hose	HOLDEN GEMINI TX 1.6 litre (Petrol) 1975 - 1977, HOLDEN GEMINI TC - TD 1.6 litre (Petrol) 1977 - 1979, HOLDEN GEMINI TE 1.6 Litre (Petrol) 1979 - 1982, HOLDEN GEMINI TF - TG 1.6 Litre (Petrol) 1982 - 1984
CH1122	Top Hose	CHRYSLER Valiant VK - CK 8 cyl. to GF23 22" Radiator 1975 - 1976, CHRYSLER Valiant VG - VH - VJ CH - CJ 8 Cyl with 22" Radiator 1970 - 1975
CH1123	ByPass Hose	HOLDEN HQ, HJ and Statesman 253 c.i.d. (4.2 Litre) Manifold Outlet to Water Valve 7/71 - 7/76
CH1123	Heater Hose	HOLDEN HQ, HJ and Statesman 308 c.i.d. (5.0 Litre) Valve to Heater Inlet with Emission Control 10/74 - 7/76, HOLDEN WB and Statesman 4.2, 5.0 Litre Valve to Heater Inlet 1980 - 1985, HOLDEN HX and Statesman 253 c.i.d. (4.2 Litre) Valve to Heater Inlet with Emission Control 1976 - 1977
CH1124	Heater Hose	HOLDEN HK 161, 186 c.i.d. Inlet without A/C With Fan -Type Heater 1968 - 1971, HOLDEN HT 161, 186 c.i.d. Inlet without A/C With Fan - Type Heater 1969 - 1970, HOLDEN HG 161, 186 c.i.d. Inlet without A/C With Fan - Type Heater 1968 - 1971, HOLDEN Commodore Statesman VC 1.9 Litre (without Pulsair) -Heater Outlet to Water Pump 1980 - 1981
CH1125	Heater Hose	HOLDEN TORANA LH - LX - UC 2.8, 3.3 Litre -Manifold to Heater Inlet 1974 - 1980
CH1126	By Pass Hose	HOLDEN HX and Statesman 308 c.i.d. (5.0 Litre) Engine Breather -Valve to Carburettor 1976 - 1977
CH1126	Engine Breather Hose	HOLDEN HZ and Statesman 308 c.i.d. (5.0 Litre) Valve to Carburettor 1977 - 1978, HOLDEN HQ, HJ and Statesman 308 c.i.d. (5.0 Litre) Valve to Carburettor 7/71 - 7/76
CH1127	Manifold Hose	HOLDEN HZ and Statesman 2.8 Litre (173), 3.3 Litre (202) Valve Water Inlet 1977 - 1978, HOLDEN WB and Statesman 3.3 Litre Valve Water Inlet 1980 - 1985
CH1128	By Pass Hose	HOLDEN TORANA LH - LX 4.2, 5.0 Litre V8 1974 - 1978
CH1128	ByPass Hose	HOLDEN Commodore Statesman VH 4.2, 5.0 Litre V8 1981 - 1984, HOLDEN Commodore Statesman VK 4.2, 5.0 Litre V8 1984 - 1986, HOLDEN Commodore Statesman VC 4.2, 5.0 Litre V8 1980 - 1981, HOLDEN Commodore Statesman VB 4.2, 5.0 Litre V8 1978 - 1980
CH1128	Heater Hose	HOLDEN Commodore Statesman VL 5.0 Litre V8 Heater ByPass 1986 - 1988, HOLDEN HZ and Statesman 308 c.i.d. (5.0 Litre) Heater ByPass 1977 - 1978, HOLDEN HQ, HJ and Statesman 308 c.i.d. (5.0 Litre) Heater ByPass with Emission Control 10/74 - 7/76, HOLDEN HX and Statesman 253 c.i.d. (4.2 Litre) Heater ByPass with Emission Control 1976 - 1977, HOLDEN WB and Statesman 4.2, 5.0 Litre Heater ByPass 1980 - 1985, HOLDEN HX and Statesman 308 c.i.d. (5.0 Litre) Heater ByPass 1976 - 1977
CH1129	ByPass Hose	HOLDEN Commodore Statesman VB 2.8, 3.3 Litre 6Cyl W/Delco Compressor 1978 - 1980, HOLDEN Commodore Statesman VC 2.8, 3.3 Litre 6Cyl W/Delco Compressor 1980 - 1981
CH1129	Heater Hose	HOLDEN HQ, HJ and Statesman 2.8 Litre (173) 3.3 Litre (202) Heater ByPass with Emission Control 7/71 - 7/76, HOLDEN HZ and Statesman 2.8 Litre (173), 3.3 Litre (202) Heater ByPass 1977 - 1978, HOLDEN WB and Statesman 3.3 Litre Heater ByPass 1980 - 1985, HOLDEN HX and Statesman 2.8 Litre (173), 3.3 Litre (202) Heater ByPass with Emission Control 1976 - 1977
CH1130	Top Hose	HONDA ACCORD 1.6 Litre (1599cc EG) 1977 - 1979, HONDA ACCORD 1.6 Litre (1602cc EL) 1979 - 1983
CH1131	Bottom Hose	HONDA ACCORD 1.6 Litre (1599cc EG) 1977 - 1979
CH1132	Top Hose	CHRYSLER SIGMA GH 1.6 Litre (GH3) 1980 - 1982, MITSUBISHI L300 Express, Star Wagon SD - SE 1.6 Litre Saturn 1984 - 1986, MITSUBISHI Lancer LC 1.6 Litre 1979 - 1981, MITSUBISHI L300 Express, Star Wagon SA - SB - SC 1.6 Litre Saturn 1980 - 1984, MITSUBISHI Celest, Sigma 1.6 Litre 1977 - 1980, MITSUBISHI Lancer LB 1.6 Litre From Eng No. 2J07818 1977 - 1979, MITSUBISHI SIGMA 1.6 Litre (GE3) from date code JA31 1977 - 1978
CH1133	Top Hose	TOYOTA Cressida MX32 - MX36 1976 - 1981
CH1134	Bottom Hose	TOYOTA Cressida MX32 - MX36 1976 - 1981
CH1135	Top Hose	CHRYSLER Valiant CL - CM 6 cyl 1976 - 1981
CH1136	Bottom Hose	CHRYSLER Valiant CL - CM 6 cyl 1976 - 1981
CH1137	Top Hose	CHRYSLER Valiant CL - CM 8 cyl. 1976 - 1981
CH1138	Bottom Hose	CHRYSLER Valiant CL - CM 8 cyl. 1976 - 1981
CH1139	Top Hose	HONDA CIVIC 1500 1975 - 1978
CH1140	Bottom Hose	HONDA CIVIC 1500 Manual Trans 1975 - 1978
CH1141	Bottom Hose	HONDA CIVIC 1500 Auto Trans 1975 - 1978
CH1142	Top Hose	FORD Escort MKII 2.0 Litre 1977 - 1981
CH1143	Top Hose	FORD Taurus (OHC) 1973 - 1982, FORD Cortina Mk IV 1600,2000(OHC) 1976 - 1982, FORD Transit 2.0 litre O.H.C. Econovan 1.6 litre 1978 - 1984, FORD Cortina Mk III GT - GXL - E1600, 2000 (OHC) 1973 - 1976, FORD Cortina Mk III - IV 1.6, 2.0 Litre O.H.C 1972 - 1979, FORD Consul Granada 2000 (OHC) 1972 - 1981
CH1144	Bottom Hose	FORD Cortina Mk III - IV 1.6, 2.0 Litre O.H.C 1972 - 1979



Part No	Location	Application
CH1145	Top Hose	<p> <b>MITSUBISHI SIGMA</b> GK 2.0 L (GK7,GK8)&amp; 2.6 L (GK1, GK2) 1984 - 1985, <b>MITSUBISHI Lancer</b> EX 1.2 Litre (Export Only) 1980 - , <b>MITSUBISHI SIGMA</b> GN 2.0 L (GN7, GN8)&amp; 2.6 L (GN1, GN2) 1985 - 1987, <b>CHRYSLER Scorpion</b> GE 2.0 Litre 1978 - 1979, <b>MITSUBISHI L200</b> Express Utility MB 2.0 Litre Astron 1981 - 1982, <b>MITSUBISHI Celest, Sigma</b> 2.0 Litre 1977 - 1980, <b>MITSUBISHI Triton</b> ME, MF, MG, MH, MJ 2.6 L Petrol 4G54 2WD 6/88 - 5/90, <b>MITSUBISHI SIGMA</b> GJ 2.0 L (GJ7, GJ8) &amp; 2.6 L (GJ1, GJ2) 1982 - 1984, <b>CHRYSLER SIGMA</b> GH 2.0 L (GH7,GH8),2.6 L (GH1, GH2) 1980 - 1982, <b>MITSUBISHI Lancer</b> 1.2 , 1.6 Litre - NZ &amp; Export 1980 - 2000, <b>CHRYSLER SIGMA</b> GE 1.8 Litre (GE5),2.0 Litre (GE7, GE8) 1977 - 1980, <b>CHRYSLER Scorpion</b> GH -GJ -GK -GL 2.6 Litre 1979 - 1985, <b>MITSUBISHI L200</b> Express Utility MA 2.0 Litre Astron 1979 - 1981 </p>
CH1146	Bottom Hose	<p> <b>CHRYSLER SIGMA</b> GE 1.8 Litre (GE5),2.0 Litre (GE7, GE8) 1977 - 1980, <b>CHRYSLER Scorpion</b> GE 2.0 Litre for replacement Radiator 1978 - 1979, <b>CHRYSLER SIGMA</b> GH 2.0 L (GH7,GH8),2.6 L (GH1, GH2) 1980 - 1982 </p>
CH1148	Bottom Hose	<p> <b>NISSAN Homer, Cabstar</b> 1976 - 1980 </p>
CH1149	Bottom Hose	<p> <b>HOLDEN TORANA</b> LH -LX 1.9 Litre O.H.C.,UC Sunbird Opel With A/C 1977 - 1978 </p>
CH1150	Top Hose	<p> <b>MERCEDES - BENZ</b> 230/W123 1974 - 1980 </p>
CH1151	Bottom Hose	<p> <b>MERCEDES - BENZ</b> 230/W123 1974 - 1980 </p>
CH1152	Top Hose	<p> <b>MERCEDES - BENZ</b> 280E 1973 - 1980 </p>
CH1153	Bottom Hose	<p> <b>MERCEDES - BENZ</b> 280E 1973 - 1980 </p>
CH1158	Top Hose	<p> <b>VOLVO</b> 262, 264, 265 1975 - </p>
CH1159	Bottom Hose	<p> <b>VOLVO</b> 262, 264, 265 1975 - </p>
CH1160	Bottom Hose	<p> <b>NISSAN</b> 280C 1978 - 1984, <b>NISSAN</b> 240C 6Cyl 2.4 Litre 1971 - 1973, <b>NISSAN</b> 260C 6Cyl 2.6 Litre 1973 - 1978 </p>
CH1161	Bottom Hose	<p> <b>HOLDEN HZ and Statesman</b> 2.8 Litre (173), 3.3 Litre (202) with Power Steering 1977 - 1978 </p>
CH1164	Top Hose	<p> <b>HOLDEN Commodore Statesman</b> VH 4.2, 5.0 Litre V8 1981 - 1984, <b>HOLDEN Commodore Statesman</b> VC 4.2, 5.0 Litre V8 1980 - 1981, <b>HOLDEN Commodore Statesman</b> VK 4.2, 5.0 Litre V8 1984 - 1986, <b>HOLDEN Commodore Statesman</b> VB 4.2, 5.0 Litre V8 1978 - 1980 </p>
CH1165	Bottom Hose	<p> <b>HOLDEN Commodore Statesman</b> VK 4.2, 5.0 Litre V8 1984 - 1986, <b>HOLDEN Commodore Statesman</b> VH 4.2, 5.0 Litre V8 1981 - 1984, <b>HOLDEN Commodore Statesman</b> VC 4.2, 5.0 Litre V8 1980 - 1981, <b>HOLDEN Commodore Statesman</b> VB 4.2, 5.0 Litre V8 1978 - 1980 </p>
CH1169	Bottom Hose	<p> <b>MAZDA B1600</b> Utility 1971 - 1981 </p>
CH1170	ByPass Hose	<p> <b>HOLDEN Commodore Statesman</b> VC 2.8, 3.3 Litre 6Cyl W/Sankyo Compressor 1980 - 1981, <b>HOLDEN Commodore Statesman</b> VB 2.8, 3.3 Litre 6Cyl W/Sankyo Compressor 1978 - 1980 </p>
CH1170	Heater Hose	<p> <b>HOLDEN Commodore Statesman</b> VC 1.9 Litre (without Pulsair) Heater ByPass 1980 - 1981, <b>HOLDEN Commodore Statesman</b> VK 1.9 Litre 4Cyl (with Pulsair) Heater ByPass 1984 - 1986, <b>HOLDEN Commodore Statesman</b> VH 1.9 Litre 4Cyl (with Pulsair) Heater ByPass 1981 - 1984 </p>
CH1171	Top Hose	<p> <b>HOLDEN Commodore Statesman</b> VB 2.8, 3.3 Litre 6Cyl without A/C 1978 - 1980, <b>HOLDEN Commodore Statesman</b> VC 2.8, 3.3 Litre 6Cyl without A/C 1980 - 1981, <b>HOLDEN Commodore Statesman</b> VH 2.8, 3.3 Litre 6Cyl 3.3 Litre 1981 - 1984 </p>
CH1172	Heater Hose	<p> <b>HOLDEN Commodore Statesman</b> VC 2.8, 3.3 Litre 6Cyl Heater Outlet to T/stat W/Delco Compressor 1980 - 1981, <b>HOLDEN Commodore Statesman</b> VB 2.8, 3.3 Litre 6Cyl Outlet to T/stat W/Delco Compressor 1978 - 1980 </p>
CH1173	Bottom Hose	<p> <b>HOLDEN Commodore Statesman</b> VC 2.8, 3.3 Litre 6Cyl 1980 - 1981, <b>HOLDEN Commodore Statesman</b> VH 2.8, 3.3 Litre 6Cyl 1981 - 1984, <b>HOLDEN Commodore Statesman</b> VK 2.8, 3.3 Litre 6Cyl 1984 - 1986, <b>HOLDEN Commodore Statesman</b> VB 2.8, 3.3 Litre 6Cyl 1978 - 1980 </p>
CH1174	Top Hose	<p> <b>HOLDEN Commodore Statesman</b> VC 2.8, 3.3 Litre 6Cyl with A/C 1980 - 1981, <b>HOLDEN Commodore Statesman</b> VB 2.8, 3.3 Litre 6Cyl with A/C 1978 - 1980 </p>
CH1175	Top Hose	<p> <b>HOLDEN SUNBIRD</b> UC 1.9 litre O.H.V. Starfire without A/C 1978 - 1980 </p>
CH1176	Bottom Hose	<p> <b>HOLDEN SUNBIRD</b> UC 1.9 litre O.H.V. Starfire 1978 - 1980 </p>
CH1178	ByPass Hose	<p> <b>MITSUBISHI SIGMA</b> GJ 2.0 L (GJ7, GJ8) &amp; 2.6 L (GJ1, GJ2) 1982 - 1984, <b>CHRYSLER Galant</b> GD 1.6 Litre 1976 - 1978, <b>CHRYSLER SIGMA</b> GE 1.8 Litre (GE5),2.0 Litre (GE7, GE8) 1977 - 1980, <b>CHRYSLER Galant</b> GC 1.4,1.6 Litre 1974 - 1976, <b>MITSUBISHI SIGMA</b> 1.6 Litre (GE2)(GE3) 1977 - 1978, <b>MITSUBISHI SIGMA</b> GJ 1.6 L(GJ3) 1982 - 1984, <b>CHRYSLER SIGMA</b> GH 2.0 L (GH7,GH8),2.6 L (GH1, GH2) 1980 - 1982, <b>CHRYSLER Galant</b> A51 - GA - GB 1.3, 1.4, 1.5, 1.6 Litre 1970 - 1974, <b>CHRYSLER SIGMA</b> GH 1.6 Litre (GH3) 1980 - 1982 </p>
CH1180	Top Hose	<p> <b>MITSUBISHI SIGMA</b> 1.6 Litre (GE2) up to date code JA31 1977 - 1978, <b>MITSUBISHI Lancer</b> LA 1.4 Litre from Eng No.3B86667 1974 - 1979, <b>CHRYSLER Galant</b> GD 1.6 Litre 1976 - 1978, <b>MITSUBISHI Lancer</b> LB 1.6 Litre to Eng No.2J07818 1977 - 1979 </p>
CH1181	Top Hose	<p> <b>MAZDA</b> 626 CB 2.0 Litre MA Manual Trans. 1979 - 1983 </p>
CH1182	Top Hose	<p> <b>MAZDA</b> 626 CB 2.0 Litre MA Auto Trans. 1979 - 1983 </p>
CH1183	Bottom Hose	<p> <b>MAZDA</b> 626 CB 2.0 Litre MA 1979 - 1983 </p>
CH1184	Top Hose	<p> <b>FORD Courier</b> 1978 1.8 litre (Petrol) 1978 - 1982, <b>MAZDA B1800</b> 1.8 Litre 1977 - 1983, <b>MAZDA</b> 929L 2.0 Litre 2.0 Litre 1979 - 1982 </p>
CH1185	Bottom Hose	<p> <b>MAZDA</b> 929L 2.0 Litre 2.0 Litre 1979 - 1982 </p>
CH1186	Heater Hose	<p> <b>HOLDEN GEMINI</b> TX 1.6 litre (Petrol) -Manifold to Valve to Feb. 77 1975 - 1977 </p>
CH1187	Heater Hose	<p> <b>HOLDEN GEMINI</b> TX 1.6 litre (Petrol) Valve to Heater to Feb. 77 1975 - 1977 </p>
CH1188	Heater Hose	<p> <b>HOLDEN GEMINI</b> TX 1.6 litre (Petrol) -Manifold to Valve from Feb.77 1975 - 1977, <b>HOLDEN GEMINI</b> TE 1.6 Litre (Petrol) -Manifold to Valve 1979 - 1982, <b>HOLDEN GEMINI</b> TC - TD 1.6 litre (Petrol) -Manifold to Valve 1977 - 1979 </p>
CH1189	Heater Hose	<p> <b>HOLDEN GEMINI</b> TC - TD 1.6 litre (Petrol) Valve to heater 1977 - 1979, <b>HOLDEN GEMINI</b> TX 1.6 litre (Petrol) Valve to Heater from Feb. 77 1975 - 1977, <b>HOLDEN GEMINI</b> TE 1.6 Litre (Petrol) -Valve to Heater 1979 - 1982 </p>
CH1190	Heater Hose	<p> <b>HOLDEN GEMINI</b> TE 1.6 Litre (Petrol) -Heater to Manifold 1979 - 1982, <b>HOLDEN GEMINI</b> TC - TD 1.6 litre (Petrol) -Heater to Manifold 1977 - 1979, <b>HOLDEN GEMINI</b> TX 1.6 litre (Petrol) Heater to Manifold 1975 - 1977 </p>

Part No	Location	Application
CH1191	Top Hose	NISSAN Sunny 1978 - 1981, NISSAN 120Y B210 11/75-1978 1974 - 1978
CH1192	Bottom Hose	NISSAN Sunny 1978 - 1981
CH1193	Bottom Hose	NISSAN Skyline C21 1978 - 1981
CH1194	Bottom Hose	NISSAN 260Z S30 1974-7/75 1974 - 1979
CH1195	Bottom Hose	NISSAN 240Z S30 - HS30 1970 - 1974
CH1196	Bottom Hose	NISSAN 260Z S30 7/75-1979 1974 - 1979
CH1197	Top Hose	FORD Falcon / Fairlane XD - XE ZJ - ZK LTD FC - FD 4.9 & 5.8 litre V8 1979 - 1984
CH1198	Bottom Hose	FORD Falcon / Fairlane XD - XE ZJ - ZK LTD FC - FD 4.9 & 5.8 litre V8 1979 - 1984
CH1200	Top Hose	NISSAN Stanza A10 1978 - 1983
CH1201	Bottom Hose	NISSAN Stanza A10 1978 - 1983
CH1202	Top Hose	NISSAN 240C 6Cyl 2.4 Litre 1971 - 1973, NISSAN 260C 6Cyl 2.6 Litre 1973 - 1978, NISSAN 280ZX 1979 - 1984, NISSAN 280C 1978 - 1984
CH1203	ByPass Hose	HOLDEN HQ, HJ and Statesman 308 c.i.d. (5.0 Litre) "T" piece to Water Pump 7/71 - 7/76
CH1203	Heater Hose	HOLDEN HQ, HJ and Statesman 253 c.i.d. (4.2 Litre) "T" piece to Water Pump 7/71 - 7/76, HOLDEN HZ and Statesman 308 c.i.d. (5.0 Litre) "T" piece to Water Pump 1977 - 1978, HOLDEN HX and Statesman 308 c.i.d. (5.0 Litre) 1976 - 1977
CH1205	Top Hose	TOYOTA Corona XT130 - XT131 1.9 Litre. Australian 1979 - 1983
CH1206	Bottom Hose	TOYOTA Corona XT130 - XT131 1.9 Litre. Australian 1979 - 1983
CH1223	Heater Hose	HOLDEN GEMINI TX 1.6 litre (Petrol) Inlet Manifold All except A8C option with Auto. Trans. and Safety Compliance Plate stamped ADR27A 1975 - 1977, HOLDEN GEMINI TC - TD 1.6 litre (Petrol) Inlet Manifold Manual 1977 - 1979
CH1224	ByPass Hose	HOLDEN JACKAROO (Bighorn, Trooper) USB13 2.0 Litre G200Z (Petrol) 1982 - 1984
CH1224	Heater Hose	HOLDEN GEMINI TE 1.6 Litre (Petrol) Inlet Manifold 1979 - 1982, HOLDEN GEMINI TF - TG 1.6 Litre (Petrol) Inlet Manifold 1982 - 1984, HOLDEN GEMINI TX 1.6 litre (Petrol) Inlet Manifold A/C option with Auto. Trans. and Safety Compliance Plate stamped ADR27A 1975 - 1977, HOLDEN GEMINI TC - TD 1.6 litre (Petrol) Inlet Manifold Auto. 1977 - 1979
CH1225	Heater Hose	HOLDEN GEMINI TE 1.6 Litre (Petrol) -Manifold to Heater Inlet 1979 - 1982, HOLDEN GEMINI TC - TD 1.6 litre (Petrol) Inlet Manifold to Heater Inlet 1977 - 1979, HOLDEN GEMINI TF - TG 1.6 Litre (Petrol) Inlet Manifold to Heater Inlet 1982 - 1984
CH1226	Heater Hose	HOLDEN GEMINI TC - TD 1.6 litre (Petrol) Outlet to Inlet Manifold 1977 - 1979, HOLDEN GEMINI TE 1.6 Litre (Petrol) -Heater Outlet to Manifold 1979 - 1982, HOLDEN GEMINI TF - TG 1.6 Litre (Petrol) Heater Outlet to Manifold 1982 - 1984
CH1229	Top Hose	FORD Transit 6 cyl. (Petrol) 1978 - 1981
CH1230	Bottom Hose	FORD Transit 6 cyl. (Petrol) 1978 - 1981
CH1231	Top Hose	FORD Cortina TC - TD 3.3 & 4.1 litre (200 and 250 c.i.d.) 6 cyl 6/76 - 1977
CH1234	Top Hose	FORD F100 4.1 litre (6Cyl) 7/74 - 1976, FORD F250 4.1 litre (6Cyl) 1974 - 11/77, FORD F350 4.1 litre 152 5/76 - 6/78
CH1235	Top Hose	FORD F150 4.9 litre V8 302 Cleveland 1987 - 1993, FORD F100 4.9 litre V8 302 Cleveland 1974 - 1978, FORD F250 4.9 litre V8 302 Cleveland 1974 - 1978, FORD F250 4.1 litre (6Cyl) 11/77 - 1978, FORD F350 4.9 litre V8 302 Cleveland 5/76 - 1978, FORD F100 4.1 litre (6Cyl) 11/77 -
CH1236	Bottom Hose	FORD F350 4.1 litre 152 5/76 - 11/77, FORD F100 4.1 litre (6Cyl) 1974 - 1977
CH1237	Bottom Hose	FORD F350 4.1 litre 152 11/77 - 1981, FORD F100 4.1 litre (6Cyl) 1977 - 1981, FORD F250 4.1 litre (6Cyl) 11/77 - 1978
CH1239	Top Hose	FORD F100 5.8 litre V8 1978 - 1981, FORD F350 5.8 litre V8 1978 - 1981, FORD F150 5.8 Litre V8 1987 - 1993, FORD F250 5.8 Litre V8 1978 - 1981
CH1241	Bottom Hose	FORD F250 4.9 litre V8 302 Cleveland 1974 - 1978, FORD F100 4.9 litre V8 302 Cleveland 1974 - 1978, FORD F350 4.9 litre V8 302 Cleveland 5/76 - 1978, FORD F150 4.9 litre V8 302 Cleveland 1987 - 1993
CH1243	Bottom Hose	FORD F250 5.8 Litre V8 1978 - 1981, FORD F100 5.8 litre V8 1978 - 1981, FORD F350 5.8 litre V8 1978 - 1981, FORD F150 5.8 Litre V8 1987 - 1993
CH1247	Top Hose	HOLDEN Commodore Statesman VC 1.9 Litre (without Pulsair) 1980 - 1981
CH1248	Bottom Hose	HOLDEN Commodore Statesman VC 1.9 Litre (without Pulsair) 1980 - 1981, HOLDEN Commodore Statesman VK 1.9 Litre 4Cyl (with Pulsair) 1984 - 1986, HOLDEN Commodore Statesman VH 1.9 Litre 4Cyl (with Pulsair) 1981 - 1984
CH1250	Top Hose	HOLDEN WB and Statesman 3.3 Litre without A/C 1980 - 1985
CH1251	Top Hose	HOLDEN WB and Statesman 3.3 Litre with A/C 1980 - 1985
CH1252	Bottom Hose	HOLDEN WB and Statesman 3.3 Litre 1980 - 1985
CH1253	Top Hose	HOLDEN WB and Statesman 4.2, 5.0 Litre 1980 - 1985
CH1254	Bottom Hose	HOLDEN WB and Statesman 4.2, 5.0 Litre 1980 - 1985
CH1255	Top Hose	NISSAN 521 Utility 1.3, 1.5 Litre 1968 - 1972
CH1256	Bottom Hose	NISSAN 521 Utility 1.3, 1.5 Litre 1968 - 1972
CH1257	Top Hose	NISSAN 620 Utility 1.5 Litre 1972-10/73 1972 - 1979
CH1258	Top Hose	NISSAN 620 Utility 1.5 Litre 11/73-1979 1972 - 1979
CH1259	Bottom Hose	NISSAN 620 Utility 1.5 Litre 1972 - 1979, NISSAN Bluebird 411 1.3 Litre 1965 - 1967
CH1260	Bottom Hose	CHRYSLER Scorpion GE 2.0 Litre for original Radiator 1978 - 1979, MITSUBISHI L200 Express Utility MB 2.0 Litre Astron 1981 - 1982, MITSUBISHI Celest, Sigma 2.0 Litre 1977 - 1980, MITSUBISHI L200 Express Utility MA 2.0 Litre Astron 1979 - 1981
CH1261	Bottom Hose	MITSUBISHI L200 Express Utility MA 2.0 Litre Astron 4WD 1979 - 1981, CHRYSLER Scorpion GH -GJ -GK -GL 2.6 Litre 1979 - 1985, MITSUBISHI Triton ME, MF, MG, MH, MJ 2.6 L Petrol 4G54 2 & 4WD 1991 - 1996, MITSUBISHI L200 Express Utility MB 2.0 Litre Astron 4WD 1981 - 1982
CH1266	Top Hose	MORRIS MARINA 1.8 Litre 1971 - 1975

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CH1267	Bottom Hose	MORRIS MARINA 1.8 Litre 1971 - 1975
CH1273	Bottom Hose	<p> MITSUBISHI Lancer LB 1.6 Litre to Eng No.2J07818 1977 - 1979, MITSUBISHI Lancer LA 1.4 Litre from Eng No.3B86667 1974 - 1979 </p>
CH1274	Bottom Hose	<p> MITSUBISHI Celest, Sigma 1.6 Litre 1977 - 1980, MITSUBISHI Lancer LC 1.6 Litre 1979 - 1981, MITSUBISHI L200 Express Utility MB 1.6 Litre Saturn 1981 - 1982, MITSUBISHI L200 Express Utility MA 1.6 Litre Saturn 1979 - 1981, MITSUBISHI Lancer LB 1.6 Litre From Eng No.2J07818 1977 - 1979 </p>
CH1275	Bottom Hose	<p> MITSUBISHI L200 Express Utility MC 1.6 Litre Saturn 1983 - 1984, MITSUBISHI Lancer EX 1.2 Litre (Export Only) 1980 - , MITSUBISHI L300 Express, Star Wagon SA - SB - SC 1.6 Litre Saturn 1980 - 1984 </p>
CH1279	Top Hose	<p> MITSUBISHI COLT RB Series 1.4 &amp; 1.6 Litre 1982 - 1984, MITSUBISHI COLT RA Series 1.4 Litre 1981 - 1982, MITSUBISHI COLT RC -RD - RE 1.4 &amp; 1.6 Litre 1984 - 1990 </p>
CH1280	Bottom Hose	MITSUBISHI COLT RA Series 1.4 Litre Manual Trans. 1981 - 1982
CH1288	Top Hose	AUSTIN Allegro 1300cc -
CH1290	Bottom Hose	FORD Cortina TE - TF 4 cyl with A/Con 1977 - 1982
CH1291	Top Hose	FORD Laser, Meteor KA - GA 1.3 Litre & 1.5 Litre 1981 - 1982, MAZDA 323 FWD 1.3, 1.5 Litre BD1051 & BD1052 1980-85 80-11/82 BD1051 1980 - 1985
CH1292	Bottom Hose	FORD Laser, Meteor KA - GA 1.3 Litre & 1.5 Litre 1981 - 1982, MAZDA 323 FWD 1.3, 1.5 Litre BD1051 & BD1052 1980-85 1980 - 1985, FORD Laser, Meteor KB - GB 1.3 litre & 1.5 litre 10/82 - 1985
CH1293	Bottom Hose	HONDA ACCORD 1.6 Litre (1602cc EL) 1979 - 1983
CH1295	Bottom Hose	HONDA PRELUDE 1.6 Litre (1602cc) 1978 - 1983
CH1296	Bottom Hose	MITSUBISHI COLT RA Series 1.4 Litre Auto. Trans. 1981 - 1982
CH1297	Top Hose	NISSAN Pulsar N10 1.4 Litre, 1980 - 1981
CH1298	Bottom Hose	NISSAN Pulsar N10 1.4 Litre, 1980 - 1981
CH1299	Bottom Hose	NISSAN Pulsar N10 1.4 Litre, Radiator Outlet to Thermostat 1980 - 1981
CH1300	Heater Hose	FORD Falcon / Fairlane XD -XE ZJ - ZK 3.3 & 4.1 litre 1979 - 1984, FORD Falcon / Fairlane XD - XE ZJ - ZK LTD FC - FD 4.9 & 5.8 litre V8 with A/C Thermostat to Engine 1979 - 1984, FORD Falcon / Fairlane XC 3.3 litre (6Cyl) 1976 - 1979, FORD Falcon / Fairlane XC 4.1 litre (6Cyl) 1976 - 1979
CH1306	Top Hose	HOLDEN GEMINI TE 1.8 litre (Diesel) 1979 - 1982, HOLDEN GEMINI TF - TG 1.8 Litre (Diesel) 1982 - 1984
CH1307	Top Hose	MAZDA RX 7 series 1 1979 - 1980
CH1308	Bottom Hose	MAZDA RX 7 series 1 1979 - 1980
CH1309	Top Hose	MERCEDES - BENZ 240D 1976 - 1979
CH1311	Bottom Hose	NISSAN 280ZX 1979 - 1984
CH1312	Top Hose	VOLVO 242,244,245 1975 -
CH1313	Top Hose	HOLDEN Commodore Statesman VH 1.9 Litre 4Cyl (with Pulsair) 1981 - 1984, HOLDEN Commodore Statesman VK 1.9 Litre 4Cyl (with Pulsair) 1984 - 1986
CH1314	Top Hose	HOLDEN Commodore Statesman VK 2.8, 3.3 Litre 6Cyl 1984 - 1986, HOLDEN Commodore Statesman VH 2.8, 3.3 Litre 6Cyl 2.8 Litre 1981 - 1984
CH1316	Top Hose	TOYOTA LANDCRUISER HJ45 3.6 Litre (H) Diesel Eng 4/72-4/80 1972 - 1980
CH1317	Top Hose	SUBARU 1400.1600 1.4 & 1.6 Litre 1975 - 1976
CH1318	Bottom Hose	SUBARU 1400.1600 1.4 & 1.6 Litre With Out EEC 1975 - 1976
CH1319	Top Hose	SUBARU 1400.1600 1.4 & 1.6 Litre 1977 - 1980
CH1320	Bottom Hose	SUBARU 1400.1600 1.4 & 1.6 Litre 1977 - 1980
CH1321	Top Hose	SUBARU Leone 1600 - 1800 L Series 1975 - 1984, SUBARU BRUMBY AU5 1.8 Litre EA81 1982 - 1994
CH1322	Bottom Hose	SUBARU Leone 1600 - 1800 L Series 1975 - 1984, SUBARU BRUMBY AU5 1.8 Litre EA81 1982 - 1994
CH1323	Bottom Hose	TOYOTA LANDCRUISER HJ45 3.6 Litre (H) Diesel Eng 4/72-10/80 Pump Side 1972 - 1980
CH1324	Bottom Hose	TOYOTA LANDCRUISER HJ45 3.6 Litre (H) Diesel Eng 10/78-10/80 Rad.Side 1972 - 1980
CH1325	Heater Hose	HOLDEN Commodore Statesman VB 2.8, 3.3 Litre 6Cyl -Thermostat to Heater Inlet 1978 - 1980, HOLDEN Commodore Statesman VC 2.8, 3.3 Litre 6Cyl Thermostat to Heater 1980 - 1981, HOLDEN Commodore Statesman VH 2.8, 3.3 Litre 6Cyl Thermostat to Heater Inlet 1981 - 1984, HOLDEN Commodore Statesman VK 2.8, 3.3 Litre 6Cyl Thermostat to Heater Inlet 1984 - 1986
CH1326	Heater Hose	HOLDEN Commodore Statesman VC 2.8, 3.3 Litre 6Cyl Heater to Water Pump W/Sankyo Compressor 1980 - 1981, HOLDEN Commodore Statesman VH 2.8, 3.3 Litre 6Cyl Heater to Water Pump 1981 - 1984, HOLDEN Commodore Statesman VB 2.8, 3.3 Litre 6Cyl to Water Pump W/Sankyo Compressor 1978 - 1980, HOLDEN Commodore Statesman VK 2.8, 3.3 Litre 6Cyl Heater to Water Pump 1984 - 1986
CH1328	Top Hose	TOYOTA LANDCRUISER BJ41, BJ42, BJ45, BJ46 3.4 Litre 3B T (Diesel) up to 10/1981 10/1980 - 1985, TOYOTA LANDCRUISER BJ40 3.0 Litre B Diesel Eng 12/1977 - 1980
CH1329	Bottom Hose	NISSAN Bluebird 910 (Series 1) 2.0 Litre 1981 - 1983
CH1330	Bottom Hose	TOYOTA Corolla KE38 -55 1.3 Litre; 4K - C 1979 - 1981
CH1331	Bottom Hose	TOYOTA Cressida MX62 Fuel Injection 1981 - 1983
CH1332	Top Hose	TOYOTA Crown MS111 -MS112 - 2.6 & 2.8 Litre, 4M, 5M - E Eng 1979 - 1983
CH1333	Bottom Hose	TOYOTA Crown MS111 -MS112 - 2.6 & 2.8 Litre, 4M, 5M - E Eng 1979 - 1983
CH1334	Top Hose	TOYOTA Corona T18 Lift back TE72 3T - C 1979 - 1983
CH1335	Bottom Hose	TOYOTA Corona T18 Lift back TE72 3T - C 1979 - 1983
CH1336	Bottom Hose	TOYOTA LANDCRUISER BJ40 3.0 Litre B Diesel Eng 12/1977 - 1980
CH1337	Heater Hose	HOLDEN Commodore Statesman VB 4.2, 5.0 Litre V8 1978 - 1980
CH1338	Top Hose	TOYOTA Corolla KE70 -71 1.3 Litre 4K - C Sedan 1982-85 1980 - 1984
CH1339	Bottom Hose	TOYOTA Corolla KE70 -71 1.3 Litre 4K - C Sedan 1982-85 1980 - 1984
CH1340	Top Hose	TOYOTA LANDCRUISER HJ61 4.0 Litre (Diesel Turbo) 1986 - 1990, TOYOTA LANDCRUISER HJ60 4.0 Litre (2H) Diesel 1981 - 1984





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CH1341	Bottom Hose	TOYOTA LANDCRUISER HJ60 4.0 Litre (2H) Diesel 1981 - 1984, TOYOTA LANDCRUISER HJ61 4.0 Litre (Diesel Turbo) 1986 - 1990
CH1342	Top Hose	TOYOTA LANDCRUISER HJ47 4.0 Litre (2H) Diesel Eng 1981 - 1984
CH1343	Bottom Hose	TOYOTA LANDCRUISER HJ47 4.0 Litre (2H) Diesel Eng 1981 - 1984
CH1344	Top Hose	TOYOTA LANDCRUISER FJ40 - 45F 2F PETROL 1/79-7/80 1960 - 1984
CH1345	Top Hose	TOYOTA LANDCRUISER FJ55 3.9 Litre (F) 4.2 Litre (2F) PETROL 10/73-1/79 1969 - 1980
CH1346	Top Hose	TOYOTA LANDCRUISER FJ55 3.9 Litre (F) 4.2 Litre (2F) PETROL 1/79-7/80 1969 - 1980
CH1347	ByPass Hose	TOYOTA Stout RK101 - 110 5R 10/70 -
CH1348	Top Hose	TOYOTA LANDCRUISER FJ60 SERIES 4.2 Petrol OHC 2F 7/80 -
CH1349	Bottom Hose	TOYOTA Dyna RU20 30 5RPetrol Eng Rad. Side 8/77 -
CH1350	Bottom Hose - Rad. Side	TOYOTA LANDCRUISER FJ40 - 45F 2F PETROL 8/76-7/80 1960 - 1984
CH1350	Bottom Hose - Rad. Side without A/CÆ	TOYOTA LANDCRUISER FJ60 SERIES 4.2 Petrol OHC 2F 7/80 -
CH1351	Bottom Hose - Pump Side with A/CÆ	TOYOTA LANDCRUISER FJ60 SERIES 4.2 Petrol OHC 2F 7/80 -
CH1356	Bottom Hose	TOYOTA HiAce RH11 - 16 12R 9/71-12/75 1971 - 1977
CH1357	Bottom Hose	TOYOTA Lite Ace KM20 1.3 Litre 4K - C 10/79 - 1985
CH1358	Top Hose	TOYOTA HiAce RH11 - 16 12R 1971 - 1977, TOYOTA HiAce RH11 - 20 - 30 12R 9/78-ON -
CH1360	Bottom Hose- Rad. Side	TOYOTA Dyna RU10 12 15 5R 2/72 - 7/77
CH1361	Top Hose	TOYOTA Dyna RU20 30 5RPetrol Eng 8/77 -
CH1362	Bottom Hose	TOYOTA Dyna RU20 30 5RPetrol Eng Pump Side 8/77 -
CH1363	Bottom Hose	TOYOTA HiAce RH11 - 20 - 30 12R 2/77-ON - , TOYOTA HiAce RH11 - 16 12R 12/75-1/77 1971 - 1977
CH1364	Top Hose	TOYOTA HiLux RN20 - RN 25 1.6 Litre 12R 11/75 - 7/78
CH1365	Bottom Hose	TOYOTA HiLux RN20 - RN 25 1.6 Litre 12R 8/74 - 1/75
CH1366	Bottom Hose	TOYOTA HiLux RN20 - RN 25 1.6 Litre 12R 11/75 - 7/78
CH1367	Bottom Hose	TOYOTA HiLux RN22 -RN27 2.0 Litre (18R) 8/74 - 7/78
CH1368	Top Hose	TOYOTA HiLux RN20 - RN40 - RN46 2.0 Litre (18R) 8/73 - 1983
CH1369	Bottom Hose	TOYOTA HiLux RN20 - RN40 - RN46 2.0 Litre (18R) 8/73 - 1983
CH1370	Top Hose	TOYOTA HiLux LN30 - 40 2.2 Litre L Diesel Eng 9/79 - 1984
CH1371	Bottom Hose	TOYOTA HiLux LN30 - 40 2.2 Litre L Diesel Eng 9/79 - 1984, TOYOTA HiLux LN46 L Diesel Eng 6/81 - 7/83
CH1372	Top Hose	TOYOTA HiAce RH11 - 20 - 30 12R 2/77-8/78 -
CH1374	Top Hose	TOYOTA HiAce RH22 -32 -42 18R 9/77-ON -
CH1375	Bottom Hose	TOYOTA HiAce RH22 -32 -42 18R 9/77-12/79 -
CH1376	Bottom Hose - Pipe to Water Pump	TOYOTA HiAce RH22 -32 -42 18R -
CH1377	Top Hose	TOYOTA HiAce LH11 - 20 - 30 2.2 Litre L Diesel 1/79 -
CH1378	Bottom Hose	TOYOTA HiAce LH11 - 20 - 30 2.2 Litre L Diesel 1/79 -
CH1379	ByPass Hose	TOYOTA HiAce RH22 -32 -42 18R 9/77-ON -
CH1383	Bottom Hose	BEDFORD E 214 c.i.d. (Petrol) Radiator to Pipe 1968 - 1972, BEDFORD B 500 c.i.d. (Diesel) Radiator to Pipe 1975 - , BEDFORD E 300 c.i.d. (Petrol) & 330 c.i.d. (Diesel) Pipe to Radiator 1986 -
CH1385	Top Hose	FORD Falcon / Fairlane XD -XE ZJ - ZK 3.3 & 4.1 litre with A/C 1979 - 1984, NISSAN DX ST Utility 4.1 Litre with A/C 1998 - 1991, FORD Falcon / Fairlane XF - ZL - LTD FE UTE/VAN 3.3 & 4.1 litre with A/C 1984 - 1988
CH1386	Top Hose Manual Trans	NISSAN Pulsar N10 1.5 Litre (E15) 1981 - 1983
CH1387	Top Hose Auto Trans	NISSAN Pulsar N10 1.5 Litre (E15) 1981 - 1983
CH1388	Top Hose	NISSAN Pulsar N10 1.3 Litre (E13) 1981 - 1983
CH1389	Bottom Hose Radiator outlet to Thermoswitch	NISSAN Pulsar N10 1.3 Litre (E13) 1981 - 1983, NISSAN Pulsar N10 1.5 Litre (E15) 1981 - 1983
CH1390	Bottom Hose Thermoswitch to Engine	NISSAN Pulsar N10 1.3 Litre (E13) 1981 - 1983, NISSAN Pulsar N10 1.5 Litre (E15) 1981 - 1983
CH1391	Top Hose	DAIHATSU Charade G10 993cc 3 cyl. 1980 - 1983
CH1392	Bottom Hose	DAIHATSU Charade G10 993cc 3 cyl. Man Trans 1980 - 9/81, DAIHATSU Charade G10 993cc 3 cyl. Auto Trans 9/81 - 1983
CH1393	Top Hose	DAIHATSU Handivan 547cc, 617cc 2 cyl 1981 - -85
CH1394	Bottom Hose	DAIHATSU Handivan 547cc, 617cc 2 cyl 1981 - -85
CH1395	Top Hose	SUZUKI Hatchback 3 cyl. 1980 - 1985
CH1396	Bottom Hose	SUZUKI Hatchback 3 cyl. 1980 - 1985
CH1397	Top Hose	SUZUKI Carry Van ST90 1980 - 1985
CH1398	Bottom Hose- Radiator to Joiner	SUZUKI Carry Van ST90 1980 - 1985

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CH1399	Bottom Hose-Joiner to Cylinder Block	SUZUKI Carry Van ST90 1980 - 1985
CH1401	Top Hose	HOLDEN GEMINI TF - TG 1.6 Litre (Petrol) 1982 - 1984
CH1402	Top Hose	SUZUKI Sierra 1 Litre (4X4) 1981 - 1988
CH1403	Bottom Hose	SUZUKI Sierra 1 Litre (4X4) 1981 - 1988
CH1404	Top Hose	HOLDEN RODEO KB -KD 1.6 Litre (Petrol) 1/81 - 12/82
CH1405	Bottom Hose	HOLDEN RODEO KB 2 Litre 1949cc (Petrol) 1983 - 1987, HOLDEN JACKAROO (Bighorn, Trooper) USB13 2.0 Litre G200Z (Petrol) 1982 - 1984, HOLDEN RODEO KB -KD 1.6 Litre (Petrol) 1/81 - 12/82
CH1406	Top Hose	HOLDEN RODEO KB -KD 1.9 Litre (Diesel) 1981 - 1982
CH1407	Bottom Hose	HOLDEN RODEO KB -KD 1.9 Litre (Diesel) 1981 - 1982
CH1415	Top Hose	TOYOTA Corolla KE70 -71 1.3 Litre 4K - C Sedan 1981-82 1980 - 1984
CH1416	Bottom Hose	TOYOTA Corolla KE70 -71 1.3 Litre 4K - C Sedan 1981-82 1980 - 1984
CH1417	Bottom Hose	TOYOTA Starlet KP60 933cc 1979 -
CH1418	Bottom Hose	TOYOTA Corona RT100 1.6 Litre 1974 - 1978
CH1419	Top Hose	TOYOTA Corona XT 1.6 Litre, RT130R 1980 -
CH1420	Top Hose	NISSAN PATROL MQ P40 4.0 Litre 6 Cyl (Petrol) 1981 - 1987
CH1421	Bottom Hose	NISSAN PATROL MQ P40 4.0 Litre 6 Cyl (Petrol) 1981 - 1987
CH1422	Top Hose	NISSAN PATROL MQ 2.8 Litre (L28) 6 Cyl (Petrol) 1981 - 1987
CH1423	Bottom Hose	NISSAN PATROL MQ 2.8 Litre (L28) 6 Cyl (Petrol) 1981 - 1987
CH1424	Top Hose	NISSAN PATROL MQ 3.2 Litre SD33 6 Cyl (Diesel) 1980 - 1987
CH1425	Bottom Hose	NISSAN PATROL MQ 3.2 Litre SD33 6 Cyl (Diesel) 1980 - 1987
CH1426	Top Hose	HOLDEN Camira JB 1.6 litre Manual Trans. High Compression Engines with Exhaust Emissions Control (all aust models) 1982 - 1984
CH1427	Top Hose	HOLDEN Camira JB 1.6 litre Auto Trans. High Compression Engines with Exhaust Emissions Control (all aust models) 1982 - 1984
CH1428	Bottom Hose	HOLDEN Camira JD 1.6 litre -Radiator to Pipe High Compression Engine (all aust. models) 1984 - 1987, HOLDEN Camira JD 1.8 litre -Radiator to Pipe Fuel Injected Engine (aust. models) 1984 - 1987, HOLDEN Camira JB 1.6 litre -Radiator to Pipe High Compression Engines with Exhaust Emissions Control (all aust models) 1982 - 1984
CH1429	Bottom Hose	HOLDEN Astra LD 1.6 Litre Pipe Assy to Water Pump 1987 - 1989, HOLDEN Camira JD 1.6 litre -Pipe Assy to Water Pump High Compression Engine (all aust. models) 1984 - 1987, HOLDEN Camira JD 1.8 litre -Pipe Assy to Water Pump Fuel Injected Engine (aust. models) 1984 - 1987, HOLDEN Camira JE 2.0 Litre -Pipe to Water Pump 1987 - 1989, HOLDEN Camira JB 1.6 litre -Pipe Assy to Water Pump High Compression Engines with Exhaust Emissions Control (all aust models) 1982 - 1984, HOLDEN Astra LD 1.8 Litre Pipe Assy to Water Pump 1987 - 1989
CH1429	Bottom Hose Pipe to Water Pump	NISSAN Pulsar N13 1.6, 1.8 Litre 1987 - 1989
CH1429	Hose - Pipe to Water Pump	VAUXHALL Cavalier 1.6, 1.8 Litre to CH No.H1064890,HV129380 1981 -
CH1430	ByPass Hose	HOLDEN Camira JB 1.6 litre -Inlet Manifold and Pipe to Carburettor High Compression Engines with Exhaust Emissions Control (all aust models) 1982 - 1984
CH1431	ByPass Hose	HOLDEN Camira JB 1.6 litre -Thermostat to Inlet Manifold and Carburettor High Compression Engines with Exhaust Emissions Control (all aust models) 1982 - 1984
CH1431	Hose-Thermostat to Inlet Manifold and Carburettor	HOLDEN Camira JD 1.6 litre High Compression Engine (all aust. models) 1984 - 1987
CH1433	Heater Hose	HOLDEN GEMINI TE 1.8 litre (Diesel) Heater Outlet to Inlet Manifold 1979 - 1982, HOLDEN GEMINI TF - TG 1.8 Litre (Diesel) Heater Outlet to Inlet Manifold 1982 - 1984
CH1450	Bottom Hose	BEDFORD EPR, ERT 381 and 486 c.i.d.(Diesel) Pipe to Engine 1968 -
CH1452	Top Hose	HOLDEN Astra LB 1.5 Litre (Manual trans) 1984 - 1985, HOLDEN Astra LC 1.6 Litre (Manual trans) 1986 - 1987
CH1452	Top Hose Manual Trans.	NISSAN Pulsar N12 1.3 & 1.5 Litre E13 & E15 Eng (Imported Models) 1983 - 1986
CH1452	Top Hose Manual Trans. 1983-5/84	NISSAN Pulsar N12 1.3 & 1.5 Litre E13 & E15 Eng (Australian Production) 1983 - 1986
CH1453	Top Hose	NISSAN Prairie M10 E15 1982 - 1985
CH1453	Top Hose Auto. Trans.	NISSAN Pulsar N12 1.3 & 1.5 Litre E13 & E15 Eng (Imported Models) 1983 - 1986
CH1453	Top Hose Auto. Trans. 1983-5/84	NISSAN Pulsar N12 1.3 & 1.5 Litre E13 & E15 Eng (Australian Production) 1983 - 1986
CH1454	Bottom Hose Manual Trans.	NISSAN Pulsar N12 1.3 & 1.5 Litre E13 & E15 Eng (Imported Models) 1983 - 1986
CH1455	Bottom Hose Auto Trans	NISSAN Pulsar N12 1.3 & 1.5 Litre E13 & E15 Eng (Imported Models) 1983 - 1986
CH1456	Bottom Hose	NISSAN Prairie M10 E15 1982 - 1985
CH1457	Top Hose	MAZDA 626 GC 2.0 Litre FE 1983 - 1987, FORD Telstar AR - AS 2.0 Litre 1983 - 1987
CH1458	Bottom Hose	MAZDA 626 GC 2.0 Litre FE 1983 - 1987, FORD Telstar AR - AS 2.0 Litre 1983 - 1987
CH1459	Top Hose	MAZDA 929 2.0 Litre 2.0 Litre 1982 - 1983
CH1460	Bottom Hose	MAZDA 929 2.0 Litre 2.0 Litre 1982 - 1983
CH1461	Top Hose	ROVER 3500, 3500S 1968 - 1979



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CH1462	Bottom Hose	ROVER 3500, 3500S 1968 - 1979
CH1465	Top Hose	MITSUBISHI L300 Express, Star Wagon SB 1.8 Litre Sirius 1982 - 1983, MITSUBISHI L300 Express, Star Wagon SC - SD - SE 1.8 Litre Sirius 1983 - 1986
CH1466	Bottom Hose	MITSUBISHI L300 Express, Star Wagon SB 1.8 Litre Sirius 1982 - 1983
CH1467	Bottom Hose	MITSUBISHI COLT RB Series 1.4 & 1.6 Litre 1982 - 1984, MITSUBISHI COLT RC -RD - RE 1.4 & 1.6 Litre 1984 - 1990
CH1468	Top Hose	HOLDEN RODEO KB 2 Litre 1949cc (Petrol) 1983 - 1987, HOLDEN JACKAROO (Bighorn, Trooper) USB13 2.0 Litre G200Z (Petrol) 1982 - 1984
CH1469	Top Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS52 2.2 Litre C223 (Diesel) UBS52 - 1983
CH1470	Bottom Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS52 2.2 Litre C223T (Turbo Diesel) 1984 - 1988, HOLDEN JACKAROO (Bighorn, Trooper) UBS52 2.2 Litre C223 (Diesel) 11/81 - 1988
CH1473	Heater Hose	HOLDEN Camira JD 1.6 litre -Valve to Heater Inlet High Compression Engine (all aust. models) 1984 - 1987, HOLDEN Camira JB 1.6 litre Water Valve to Heater Inlet High Compression Engines with Exhaust Emissions Control (all aust models) 1982 - 1984, HOLDEN Camira JE 2.0 Litre Water Valve to Heater Inlet 1987 - 1989, HOLDEN Camira JD 1.8 litre -Valve to Heater Inlet Fuel Injected Engine (aust. models) 1984 - 1987
CH1474	Heater Hose	HOLDEN Camira JB 1.6 litre -Heater Outlet to Engine Auto. High Compression Engines with Exhaust Emissions Control (all aust models) 1982 - 1984
CH1475	Heater Hose	HOLDEN Camira JB 1.6 litre -Heater Outlet to Engine Manual High Compression Engines with Exhaust Emissions Control (all aust models) 1982 - 1984, HOLDEN Camira JD 1.6 litre -Heater Outlet to Engine Manual High Compression Engine (all aust. models) 1984 - 1987, HOLDEN Camira JD 1.8 litre -Heater Outlet to Engine Manual Fuel Injected Engine (aust. models) 1984 - 1987, HOLDEN Camira JE 2.0 Litre Outlet to Engine Manual Trans. 1987 - 1989
CH1476	ByPass Hose	HOLDEN Camira JD 1.6 litre Water Pump to Water Valve High Compression Engine (all aust. models) 1984 - 1987, HOLDEN Camira JB 1.6 litre -Water Pump to Water Valve High Compression Engines with Exhaust Emissions Control (all aust models) 1982 - 1984
CH1476	Hose - Water Pump to Water Valve	HOLDEN Camira JE 2.0 Litre 1987 - 1989
CH1476	Hose-Water Pump to Water Valve	HOLDEN Camira JD 1.8 litre Fuel Injected Engine (aust. models) 1984 - 1987
CH1477	Hose - Water Pump to Heater Inlet	NISSAN 200B 810 1977 - 1981, NISSAN 180B 610 1972 - 1977
CH1478	ByPass Hose	NISSAN 200B 810 1977 - 1981
CH1479	ByPass Hose	NISSAN 180B 610 1972 - 1977
CH1480	Top Hose	MERCEDES - BENZ 450SL 4.5 Litre V8 1973 - 1980
CH1485	Hose - Surge Tank to Water Pipe	HOLDEN Camira JE 2.0 Litre 1987 - 1989
CH1485	Hose - Surge Tank to Water Pump	HOLDEN Camira JB 1.6 litre High Compression Engines with Exhaust Emissions Control (all aust models) 1982 - 1984
CH1485	Hose-Surge Tank to Water Pipe	HOLDEN Camira JD 1.8 litre Fuel Injected Engine (aust. models) 1984 - 1987, HOLDEN Camira JD 1.6 litre High Compression Engine (all aust. models) 1984 - 1987
CH1486	Top Hose	MITSUBISHI Cordia AA 1.6 Litre (4G32) 1983 - 1984
CH1487	Bottom Hose	MITSUBISHI Cordia AA 1.6 Litre (4G32) 1983 - 1984, MITSUBISHI Cordia AB - AC 1.8 Litre 1984 - 1989
CH1488	Top Hose	NISSAN 720 Utility 1.8 Litre (L18, Petrol) 1980 - 1985
CH1489	Bottom Hose	NISSAN 720 Utility 1.8 Litre (L18, Petrol) 1980 - 1985
CH1490	Bottom Hose	HOLDEN Astra LB 1.5 Litre 1984 - 1985
CH1490	Bottom Hose Auto Trans	NISSAN Pulsar N12 1.3 & 1.5 Litre E13 & E15 Eng (Australian Production) 1983 - 1986
CH1491	Top Hose	NISSAN Bluebird 910 (Series 2) 2.0 Litre 6/83 - 1985
CH1492	Bottom Hose	NISSAN Bluebird 910 (Series 2) 2.0 Litre 6/83 - 1985
CH1493	Bottom Hose Manual Trans	NISSAN Pulsar N12 1.3 & 1.5 Litre E13 & E15 Eng (Australian Production) 1983 - 1986
CH1494	Top Hose	HOLDEN Camira JD 1.6 litre High Compression Engine (all aust. models) 1984 - 1987, HOLDEN Camira JD 1.8 litre Fuel Injected Engine (aust. models) 1984 - 1987
CH1495	Top Hose	MITSUBISHI SIGMA GK 1.6 L (GK3) 1984 - 1985, MITSUBISHI SIGMA GJ 1.6 L (GJ3) 1982 - 1984
CH1496	Bottom Hose	MITSUBISHI SIGMA GJ 1.6 L (GJ3) 1982 - 1984, MITSUBISHI SIGMA GK 1.6 L (GK3) 1984 - 1985
CH1497	Bottom Hose	MITSUBISHI SIGMA GN 2.0 L (GN7, GN8) & 2.6 L (GN1, GN2) 1985 - 1987, MITSUBISHI SIGMA GJ 2.0 L (GJ7, GJ8) & 2.6 L (GJ1, GJ2) 1982 - 1984, MITSUBISHI SIGMA GK 2.0 L (GK7, GK8) & 2.6 L (GK1, GK2) 1984 - 1985
CH1498	Top Hose	TOYOTA Tarago YR20 1.8 Litre 1983 - 1984
CH1499	Top Hose	TOYOTA Tarago YR21 2.0 Litre 1984 - 1990
CH1500	Bottom Hose	TOYOTA Town Ace/Spacia 2.0 & 2.2 Litre 1992 - 1997, TOYOTA Tarago YR21 2.0 Litre 1984 - 1990, TOYOTA Tarago YR20 1.8 Litre 1983 - 1984, TOYOTA Tarago YR22 2.0 Litre 1988 - 1990



Part No	Location	Application
CH1501	Top Hose	MAZDA 323 FWD 1.3, 1.5 Litre BD1051 & BD1052 1980-85 11/82-85 BD1052 1980 - 1985, MAZDA 323 1.6 Litre, E.F.I. Exc Turbo 1985 - 1990, NISSAN 180B 610 1972 - 1977, FORD Laser,Meteor KB - GB 1.3 litre & 1.5 litre 10/82 - 1985, NISSAN Bluebird 910 (Series 1) 2.0 Litre 1981 - 1983, NISSAN 240Z S30 - HS30 1970 - 1974, FORD Laser,Meteor KC - KE - GC 1.6 litre E.F.I. Exc Turbo 1985 - 1990, NISSAN 240K 6Cyl 2.4 Litre 1973 - 1978, FORD Laser,Meteor KC - KE - GC 1.3 litre 1985 - 1989, NISSAN 260Z S30 1974 - 1979, NISSAN Skyline C21 1978 - 1981
CH1502	Top Hose	HOLDEN GEMINI RB (Front Wheel Drive) (ULP Models) 1986 - 1987, HOLDEN GEMINI RB (Front Wheel Drive) 1985 - 1986
CH1503	Bottom Hose	HOLDEN GEMINI RB (Front Wheel Drive) Manual Trans 1985 - 1986
CH1504	Bottom Hose	HOLDEN GEMINI RB (Front Wheel Drive) Auto Trans 1985 - 1986, HOLDEN GEMINI RB (Front Wheel Drive) (ULP Models) 1986 - 1987
CH1505	Top Hose	MITSUBISHI Magna TM 2.6 Litre 1985 - 1987, MITSUBISHI Magna TN -TP 2.6 Litre W/Carby 1987 - 199
CH1506	Bottom Hose	MITSUBISHI Magna TM 2.6 Litre 1985 - 1987
CH1507	Top Hose	HOLDEN Barina MB/ML 1.3 Litre 1985 - 1989, SUZUKI Swift SA Hatchback 1.3 Litre 1985 - 1987
CH1508	Bottom Hose	SUZUKI Swift SA Hatchback 1.3 Litre 1985 - 1987, HOLDEN Barina MB/ML 1.3 Litre 1985 - 1989
CH1509	Top Hose	NISSAN Bluebird 910 (Series 3) 2.0 Litre CA20 1985 - 1986
CH1510	Bottom Hose	NISSAN Bluebird 910 (Series 3) 2.0 Litre CA20 1985 - 1986
CH1511	Bottom Hose	MERCEDES - BENZ 200, 220, 223 1982 to CH No. A012992 -
CH1512	Bottom Hose	MERCEDES - BENZ 200, 220, 223 1982 From CH No. A0135254 -
CH1513	Bottom Hose	MERCEDES - BENZ 280S/126 1982 -
CH1514	Bottom Hose	MERCEDES - BENZ 200, 220 230, 200D,220D,240D Compact 200,240D 1977 1968 - 1977
CH1515	Top Hose	MERCEDES - BENZ 200, 201 1984 -
CH1519	Top Hose	MITSUBISHI Nimbus UA - UB Wagon F.W.D. 1.8 Litre 1984 - 1988
CH1520	Bottom Hose	MITSUBISHI Nimbus UA - UB Wagon F.W.D. 1.8 Litre 1984 - 1988
CH1522	Top Hose	MAZDA E1600 Van 1.6 Litre 1978 - 1983, MAZDA Traveller 1.6 Litre 1983 - 1984, FORD Spectron 1.6 litre (Petrol) 1983 - 1984, FORD Transit 2.0 litre O.H.C. Econovan 1.6 litre 1978 - 1984
CH1523	Bottom Hose	FORD Spectron 1.6 litre (Petrol) 1983 - 1984, MAZDA Traveller 1.6 Litre 1983 - 1984, MAZDA E1600 Van 1.6 Litre 1978 - 1983, FORD Transit 2.0 litre O.H.C. Econovan 1.6 litre 1978 - 1984
CH1524	Heater Hose	VOLVO 140 B20 1971 - 1974
CH1525	Engine Breather Hose	VOLVO 120, 140 B18, B20 1962 - 74
CH1526	Top Hose	TOYOTA Corolla KE70 -71 1.3 Litre 4K - C 1981-83 Van 1980 - 1984, TOYOTA Corolla 1.3 Litre 4K NZ & Export 8/81 - 7/87
CH1527	Bottom Hose	TOYOTA Corolla KE70 -71 1.3 Litre 4K - C 1981-83 Van 1980 - 1984, TOYOTA Corolla 1.3 Litre 4K NZ & Export 1980 - 1988
CH1528	Top Hose	TOYOTA Corolla AE71 1.6 Litre 4A - C 1983 - 1986
CH1529	Bottom Hose	TOYOTA Corolla AE71 1.6 Litre 4A - C 1983 - 1986
CH1530	Top Hose	TOYOTA Corolla AE82 1.6 Litre 4AC /4ALC 1984 - 1989, TOYOTA Corolla AE80 1.3 Litre 2AC 1985 - 1987
CH1531	Bottom Hose	TOYOTA Corolla AE80 1.3 Litre 2AC 1985 - 1987, TOYOTA Corolla AE82 1.6 Litre 4AC /4ALC 1984 - 1989, TOYOTA Corolla AE82 1.6 Litre 4AGE 1/86 - 12/88
CH1532	Bottom Hose	FORD Laser,Meteor KC - KE - GC 1.3 litre 1985 - 1989
CH1533	Bottom Hose	MAZDA 323 1.6 Litre, E.F.I. Exc Turbo 1985 - 1990, FORD Laser,Meteor KC - KE - GC 1.6 litre E.F.I. Exc Turbo 1985 - 1990
CH1534	Top Hose	NISSAN Skyline RM30 Manual Trans. 1982 - 1986
CH1535	Top Hose	NISSAN Skyline RM30 Auto. Trans. 1982 - 1986
CH1536	Bottom Hose	NISSAN Skyline RM30 1982 - 1986
CH1537	Bottom Hose- Radiator to Pipe	TOYOTA HiAce RH22 -32 -42 18R 12/79-ON -
CH1538	Top Hose	MITSUBISHI L200 Express Utility MC 1.6 Litre Saturn 1983 - 1984, MITSUBISHI L200 Express Utility MB 1.6 Litre Saturn 1981 - 1982, MITSUBISHI L200 Express Utility MA 1.6 Litre Saturn 1979 - 1981
CH1539	Top Hose	MITSUBISHI L200 Express Utility MD 2.0 Litre Sirius 1984 - 1986, MITSUBISHI Starion JA -JB -JD 2.0 Litre - with Turbo 1982 - 1987, MITSUBISHI L200 Express Utility MC 2.0 Litre Astron 1983 - 1984
CH1540	Bottom Hose	MITSUBISHI L200 Express Utility MC 2.0 Litre Astron 1983 - 1984, MITSUBISHI L200 Express Utility MD 2.0 Litre Sirius 1984 - 1986
CH1541	Bottom Hose	MITSUBISHI L200 Express Utility MD 2.0 Litre Sirius 4WD 1984 - 1986, MITSUBISHI Starion JA -JB -JD 2.0 Litre - with Turbo 1982 - 1987, MITSUBISHI L200 Express Utility MC 2.0 Litre Astron 4WD 1983 - 1984
CH1542	Top Hose	MITSUBISHI L300 Express,Star Wagon SD -SE 2.0 Litre Sirius 1985 - 1986, MITSUBISHI L300 Express,Star Wagon SD 2.0 litre Sirius 4WD 1984 - 1986, MITSUBISHI L300 Express,Star Wagon SC - SD - SE 1.8 Litre Sirius 4WD 1983 - 1986
CH1543	Bottom Hose	MITSUBISHI L300 Express,Star Wagon SD 2.0 litre Sirius 4WD 1984 - 1986, MITSUBISHI L300 Express,Star Wagon SC - SD - SE 1.8 Litre Sirius 1983 - 1986, MITSUBISHI L300 Express,Star Wagon SD -SE 2.0 Litre Sirius 1985 - 1986
CH1544	Bottom Hose	MITSUBISHI L300 Express,Star Wagon SD - SE 1.6 Litre Saturn 1984 - 1986
CH1545	Top Hose	HOLDEN Commodore Statesman VL 3.0 Litre (E.F.I) 1986 - 1988
CH1546	Bottom Hose	HOLDEN Commodore Statesman VL 3.0 Litre (E.F.I) 1986 - 1988
CH1547	Heater Hose	HOLDEN Astra LB 1.5 Litre Inlet 1984 - 1985, HOLDEN Astra LC 1.6 Litre Inlet 1986 - 1987
CH1547	Heater Hose Inlet	NISSAN Pulsar N12 1.6 Litre 1986 - 1987
CH1547	Heater Hose Inlet	NISSAN Pulsar N12 1.3 & 1.5 Litre E13 & E15 Eng (AustralianProduction) 1983 - 1986, NISSAN Pulsar N12 1.3 & 1.5 Litre E13 & E15 Eng (Imported Models) 1983 - 1986

Part No	Location	Application
CH1548	Heater Hose	HOLDEN Astra LC 1.6 Litre Outlet to Pipe 1986 - 1987, HOLDEN Astra LB 1.5 Litre Outlet to Pipe 1984 - 1985
CH1548	Heater Hose Outlet to Pipe	NISSAN Pulsar N12 1.3 & 1.5 Litre E13 & E15 Eng (Imported Models) 1983 - 1986, NISSAN Pulsar N12 1.6 Litre 1986 - 1987, NISSAN Pulsar N12 1.3 & 1.5 Litre E13 & E15 Eng (Australian Production) 1983 - 1986
CH1549	Heater Hose	HOLDEN Astra LB 1.5 Litre - Outlet Pipe to Engine 1984 - 1985, HOLDEN Astra LC 1.6 Litre Outlet Pipe to Engine 1986 - 1987
CH1549	Heater Hose Outlet Pipe to Engine	NISSAN Pulsar N12 1.3 & 1.5 Litre E13 & E15 Eng (Imported Models) 1983 - 1986, NISSAN Pulsar N12 1.6 Litre 1986 - 1987, NISSAN Pulsar N12 1.3 & 1.5 Litre E13 & E15 Eng (Australian Production) 1983 - 1986
CH1550	Top Hose	HOLDEN Astra LC 1.6 Litre (Auto Trans) 1986 - 1987, HOLDEN Astra LB 1.5 Litre (Auto Trans) 1984 - 1985, HOLDEN Astra LB 1.5 Litre (Auto Trans) 1984 - 1985, NISSAN Pulsar N12 1.6 Litre 1986 - 1987
CH1550	Top Hose All 1984-86	NISSAN Pulsar N12 1.3 & 1.5 Litre E13 & E15 Eng (Australian Production) 1983 - 1986
CH1551	Bottom Hose	NISSAN Pulsar N12 1.6 Litre 1986 - 1987, HOLDEN Astra LC 1.6 Litre 1986 - 1987
CH1552	Top Hose	INTERNATIONAL ACCO B Series from Chassis No HO4635 -D358 Diesel Eng -
CH1553	Top Hose	TOYOTA Corona ST141 2.0 Litre 2S - C 1983 - 1987
CH1554	Bottom Hose	TOYOTA Corona ST141 2.0 Litre 2S - C 1983 - 1987
CH1555	Top Hose	HOLDEN Commodore Statesman VL 5.0 Litre V8 1986 - 1988
CH1556	Bottom Hose	HOLDEN Commodore Statesman VS - VQ series II 5.0 Litre V8 1995 - 1997, HOLDEN Commodore Statesman VR - VQ Series II 5.0 Litre V8 1994 - 1995, HOLDEN Commodore Statesman VP - VQ Series II 5.0 Litre V8 1991 - 1994, HOLDEN Commodore Statesman VN - VQ - VG 5.0 Litre V8 1988 - 1991, HOLDEN Commodore Statesman VL 5.0 Litre V8 1986 - 1988
CH1557	Top Hose	MERCEDES - BENZ 200/M102 1966 - 1968
CH1558	Top Hose	MERCEDES - BENZ 250/W123 1977 - 1981
CH1560	Bottom Hose	MERCEDES - BENZ 280S/W123 1973 - 1976
CH1561	Top Hose	TOYOTA LANDCRUISER HJ75 2H Diesel 1985 - 1987
CH1562	Bottom Hose	TOYOTA LANDCRUISER HJ75 2H Diesel 1985 - 1987
CH1564	Top Hose	NISSAN PINTARA R31 R.W.D. 2.0 Litre 1986 - 1989
CH1565	Bottom Hose	NISSAN PINTARA R31 R.W.D. 2.0 Litre 1986 - 1989
CH1566	Top Hose	NISSAN Skyline R31 3.0 Litre RB30 1986 - 1990
CH1567	Bottom Hose	NISSAN Skyline R31 3.0 Litre RB30 1986 - 1990
CH1568	Top Hose	MITSUBISHI PAJERO NA - NB - NC - ND - NE - NF 2.6 Litre (Petrol) 1983 - 1994
CH1569	Bottom Hose	MITSUBISHI PAJERO NA - NB - NC - ND - NE - NF 2.6 Litre (Petrol) 1983 - 1994
CH1571	ByPass Hose	MITSUBISHI L200 Express Utility MA 1.6 Litre Saturn 1979 - 1981, MITSUBISHI L300 Express, Star Wagon SF 2.5 Litre Diesel 1986 - 1994, MITSUBISHI L200 Express Utility MA 2.0 Litre Astron 1979 - 1981, MITSUBISHI COLT RC - RD - RE 1.4 & 1.6 Litre 1984 - 1990, MITSUBISHI L300 Express, Star Wagon SF 2.4 Litre Petrol 4WD 1986 - 1990, MITSUBISHI L300 Express, Star Wagon SF - SG - SH 2.0 Litre 1986 - 1994, MITSUBISHI L300 Express, Star Wagon SC - SD - SE 1.8 Litre Sirius 1983 - 1986, MITSUBISHI L300 Express, Star Wagon SB 1.8 Litre Sirius 1982 - 1983, MITSUBISHI L300 Express, Star Wagon SA - SB - SC 1.6 Litre Saturn 1980 - 1984, MITSUBISHI L200 Express Utility MD 2.0 Litre Sirius 1984 - 1986, MITSUBISHI L200 Express Utility MC 2.0 Litre Astron 1983 - 1984, MITSUBISHI SIGMA GK 2.0 L (GK7, GK8) & 2.6 L (GK1, GK2) 1984 - 1985, MITSUBISHI L200 Express Utility MB 1.6 Litre Saturn 1981 - 1982, MITSUBISHI L300 Express, Star Wagon SD - SE 1.6 Litre Saturn 1984 - 1986, MITSUBISHI SIGMA GK 1.6 L (GK3) 1984 - 1985, MITSUBISHI L300 Express, Star Wagon SD 2.0 litre Sirius 4WD 1984 - 1986, MITSUBISHI L300 Express, Star Wagon SF 2.4 Litre Petrol 1986 - 1990, MITSUBISHI L200 Express Utility MC 1.6 Litre Saturn 1983 - 1984, MITSUBISHI L200 Express Utility MB 2.0 Litre Astron 1981 - 1982, MITSUBISHI PAJERO NA - NB - NC - ND - NE - NF 2.6 Litre (Petrol) Manifold 1983 - 1994, MITSUBISHI Nimbus UC 2.0 Litre 1988 - 1992, MITSUBISHI Nimbus UA - UB Wagon F.W.D. 1.8 Litre 1984 - 1988, MITSUBISHI L300 Express, Star Wagon SD - SE 2.0 Litre Sirius 1985 - 1986
CH1572	Heater -Inlet	NISSAN 200B 810 W/O A/C Australian Production 1977 - 1981
CH1573	Heater -Outlet	NISSAN 200B 810 W/O A/C Australian Production 1977 - 1981
CH1574	Top Hose	NISSAN Urvan E23 J16 Petrol 1981 - 1982
CH1575	Bottom Hose	NISSAN Urvan E23 J16 Petrol 1981 - 1982
CH1576	Top Hose	NISSAN Urvan E23 H20 Petrol 1981 - 1982
CH1577	Bottom Hose	NISSAN Urvan E23 H20 Petrol 1981 - 1982
CH1578	Top Hose	NISSAN Urvan E23 SD23 Diesel 1982 - 1986
CH1579	Bottom Hose - without A/C	NISSAN Urvan E23 SD23 Diesel 1982 - 1986
CH1580	Bottom Hose - with A/C	NISSAN Urvan E23 SD23 Diesel 1982 - 1986
CH1581	ByPass Hose	NISSAN 720 Utility SD22 (Diesel) - 4.W.D 1980 - 1982, NISSAN 720 Utility SD22 - SD23 (Diesel) 2.W.D 1980 - 1985, NISSAN Urvan E23 SD23 Diesel 1982 - 1986
CH1582	Top Hose	NISSAN Urvan E20 H20 Petrol 1976 - 1980
CH1583	Bottom Hose	NISSAN Urvan E20 H20 Petrol 1976 - 1980
CH1584	Top Hose	NISSAN 720 Utility SD22 - SD23 (Diesel) 2.W.D 1980 - 1985, NISSAN 720 Utility SD22 (Diesel) - 4.W.D 1980 - 1982
CH1585	Heater Hose	NISSAN 120Y B210 Inlet 1974 - 1978
CH1586	Heater Hose	NISSAN 120Y B210 Outlet 1974 - 1978
CH1587	Top Hose	NISSAN Urvan E23 Z20 Petrol 1982 - 1986
CH1588	Bottom Hose	NISSAN Urvan E23 Z20 Petrol 1982 - 1986

Part No	Location	Application
CH1589	Top Hose	ISUZU SBR 1981 - , ISUZU SBR 1976 - 1980, ISUZU JCR 1976 - , ISUZU FSR, FTR, FVR 1985 - 1986, ISUZU JBR 1976 - 1980
CH1590	Bottom Hose	ISUZU JBR 1976 - 1980, ISUZU JCR 1976 -
CH1592	Bottom Hose	ISUZU SBR (Auto Trans) 1976 - 1980
CH1595	Bottom Hose	ISUZU FSR, FTR, FVR Radiator to Pipe 1985 - 1986
CH1596	Bottom Hose	ISUZU FSR, FTR, FVR Connector to Pipe 1985 - 1986
CH1598	Bottom Hose	NISSAN 720 Utility SD22 - SD23 (Diesel) 2.W.D 1980 - 1985, NISSAN 720 Utility SD22 (Diesel) - 4.W.D 1980 - 1982
CH1599	Top Hose	NISSAN 720 Utility Z22 Petrol Engine 1983 - 1986
CH1600	Bottom Hose	NISSAN 720 Utility Z22 Petrol Engine 1983 - 1986
CH1601	Top Hose	TOYOTA LANDCRUISER BJ41, BJ42, BJ45, BJ46 3.4 Litre 3B T (Diesel) from 10/1981 10/1980 - 1985
CH1602	Bottom Hose	TOYOTA LANDCRUISER BJ41, BJ42, BJ45, BJ46 3.4 Litre 3B T (Diesel) Pipe to Rad 10/1980 - 1985
CH1603	Bottom Hose	TOYOTA LANDCRUISER BJ41, BJ42, BJ45, BJ46 3.4 Litre 3B T (Diesel) Pipe to engine from 10/1981 10/1980 - 1985
CH1604	Top Hose	ROVER Range Rover 4.W.D.ADR27A (Air Pump Models) 1974 - 1978
CH1605	Top Hose	FORD Falcon / Fairlane EA.EB - NA - LTD DA 3.2 & 3.9 litre 1988 - 2/92
CH1606	Bottom Hose	FORD Falcon / Fairlane EA.EB - NA - LTD DA 3.2 & 3.9 litre 1988 - 2/92
CH1607	Top Hose	HYUNDAI EXCEL 1.5 Litre (G4AJ) (to 6/87) 1986 - 1989
CH1608	Bottom Hose	HYUNDAI EXCEL 1.5 Litre (G4AJ) (Manual Trans to 11/86) 1986 - 1989
CH1609	Bottom Hose	HYUNDAI EXCEL 1.5 Litre (G4AJ) (Auto Trans to 11/86) 1986 - 1989
CH1610	Bottom Hose	HYUNDAI EXCEL 1.5 Litre (G4AJ) (W/A/C 5/87 to 8/88) 1986 - 1989
CH1611	Hose - Thermostat housing to Inlet manifold with single point E.F.I.	HOLDEN Camira JD 1.8 litre Fuel Injected Engine (aust. models) 1984 - 1987
CH1613	Top Hose	HOLDEN Camira JE 2.0 Litre -Radiator to Thermostat Housing 1987 - 1989
CH1614	ByPass Hose	HOLDEN Astra LD 1.8 Litre Thermostat to Pipe (Lower) 1987 - 1989
CH1614	Heater Hose	HOLDEN Camira JE 2.0 Litre Thermostat Housing to Pipe (Lower) 1987 - 1989
CH1614	Hose Thermostat Housing to Pipe (Lower)	NISSAN Pulsar N13 1.8 Litre 1987 - 1989
CH1614	Hose-Thermostat Housing to Pipe (Lower)	HOLDEN Camira JD 1.8 litre Fuel Injected Engine (aust. models) 1984 - 1987
CH1615	Heater Hose	HOLDEN APOLLO JK:JL 2.0 Litre Outlet 1989 - 2/93
CH1615	Heater Hose - Outlet Heater to Engine	TOYOTA Camry SV21 2.0 Litre 1987 - 6/89
CH1615	Heater Hose Outlet	TOYOTA Camry SV21 - SV22 2.0 Litre 7/89 - 2/93
CH1616	ByPass Hose	TOYOTA Camry SV20 1.8 Litre 1987 - 1989
CH1617	Heater Hose - Inlet Valve to Heater	TOYOTA Camry SV21 2.0 Litre 1987 - 6/89, TOYOTA Camry SV20 1.8 Litre 1987 - 1989
CH1618	Top Hose	TOYOTA Camry SV20 1.8 Litre 1987 - 1989
CH1619	Top Hose	TOYOTA Camry SV21 2.0 Litre 1987 - 6/89
CH1620	Bottom Hose	TOYOTA Camry SV21 - SV22 2.0 Litre 7/89 - 2/93, TOYOTA Camry SV20 1.8 Litre 1987 - 1989, HOLDEN APOLLO JK:JL 2.0 Litre 1989 - 2/93, TOYOTA Camry SV21 2.0 Litre 1987 - 6/89
CH1621	ByPass Hose	TOYOTA Camry SV21 - SV22 2.0 Litre (SV21, E.F.I. Only) 7/89 - 2/93, TOYOTA Camry SV21 2.0 Litre 1987 - 6/89, TOYOTA RAV4 SXA10R 2.0 Litre 3SFE 1994 - 6/00, TOYOTA Celica ST16 2.2 Litre 3SFE, 3SGELC 8 & 16 Valve Eng 1985 - 1998
CH1621	ByPass Hose No1	TOYOTA Celica ST184 5SFE 10/89 - 11/93
CH1622	Hose - Radiator to Header Tank	FORD Falcon / Fairlane EA.EB - NA - LTD DA 3.2 & 3.9 litre to 6/91 1988 - 2/92
CH1623	Hose - Manifold to Water Valve	FORD Falcon / Fairlane EA.EB - NA - LTD DA 3.2 & 3.9 litre (Single Point E.F.I.) 1988 - 2/92
CH1624	Heater Hose	FORD Falcon / Fairlane EA.EB - NA - LTD DA 3.2 & 3.9 litre (Single Point E.F.I.) - Water Valve to Heater Core 1988 - 2/92
CH1625	Heater Hose	FORD Falcon / Fairlane EA.EB - NA - LTD DA 3.2 & 3.9 litre (Single point E.F.I.) Heater to Water Pump 1988 - 2/92
CH1626	Heater Hose	FORD Falcon / Fairlane EB -ED. Phase II NA - NC LTD DA - DC 4.0 Litre (6Cyl) Heater to Pipe (MPEFI) 2/92 - 1995, FORD Falcon / Fairlane EA.EB - NA - LTD DA 3.2 & 3.9 litre (Multi Point E.F.I.) Heater to Pipe 1988 - 2/92, FORD Falcon / Fairlane XH Ute - Van 4.0 Litre (6Cyl) to pipe return 1 Tonne 1996 - 1999
CH1627	Heater Hose	FORD Falcon / Fairlane EA.EB - NA - LTD DA 3.2 & 3.9 litre (Multi Point E.F.I.) - Water Valve to heater 1988 - 2/92, FORD Falcon / Fairlane EB -ED. Phase II NA - NC LTD DA - DC 4.0 Litre (6Cyl) Water Valve to Heater (MPEFI) 2/92 - 1995, FORD Falcon / Fairlane EF-EL NF -NL LTD DF -DL 4.0 Litre (6Cyl) 1994 - 1998, FORD Falcon / Fairlane AU 4.0 Litre (6Cyl) 9/98 - 2002, FORD Falcon / Fairlane XH Ute - Van 4.0 Litre (6Cyl) valve to heater 1996 - 1999, FORD Falcon / Fairlane XG Ute - Van 4.0 Litre (6Cyl) valve to heater 7/93 - 1996
CH1628	Bottom Hose	MITSUBISHI Canter F FE211 1979 - 1986
CH1629	Top Hose	MITSUBISHI Canter F FE211 1979 - 1986



Part No	Location	Application
CH1630	Hose Water Inlet Pipe to Engine	MITSUBISHI Canter F FE211 1979 - 1986
CH1631	Top Hose	MITSUBISHI Canter F FM 215 FR - JR - LR From Eng 258720 1975 - 1984
CH1632	Bottom Hose	MITSUBISHI Canter F FM 515 FR - JR - MR - FS - JS - MS - Turbo 1985 - 1988
CH1633	Pipe to Engine	MITSUBISHI Canter F FM 515 FR - JR - MR - FS - JS - MS - Turbo 1985 - 1988
CH1634	Bottom Hose	MITSUBISHI Canter F FK 102 FR - JR With out A/C 1977 - 1983
CH1635	Bottom Hose	MITSUBISHI Canter F FM 215 FR - JR - LR 1975 - 1984
CH1636	Hose -Water Inlet - Pipe to Engine	MITSUBISHI Canter F FK 102 FR - JR 1977 - 1983
CH1637	Top Hose	MITSUBISHI Canter F FM 215 FR - JR - LR to Eng.No.258720 1975 - 1984
CH1638	Top Hose	MITSUBISHI Canter F FK 102 FR - JR 1977 - 1983
CH1639	Hose -Water Outlet - Pipe to Engine	MITSUBISHI Canter F FM 215 FR - JR - LR 1975 - 1984
CH1640	ByPass Hose	MITSUBISHI Canter F FM 215 FR - JR - LR to Eng.No.258720 1975 - 1984
CH1641	Top Hose	MITSUBISHI Canter F FM 211 1985 - 1989
CH1642	Bottom Hose	MITSUBISHI Canter F FM 211 1985 - 1989
CH1643	Bottom Hose	HOLDEN Commodore Statesman VR -VQ Series II 3.8 Litre V6 1994 - 1995, HOLDEN Commodore Statesman VP - VQ Series II 3.8 Litre V6 1991 - 1994, HOLDEN Commodore Statesman VN -VQ -VG 3.8 Litre V6 1988 - 1991, TOYOTA Lexcen VP -VR 3.8 Litre V6 1990 - 1994, TOYOTA Lexcen VP -VR 3.8 Litre V6 1994 - 1995, TOYOTA Lexcen VN 3.8 Litre 1989 - 1990
CH1644	Top Hose	HOLDEN Commodore Statesman VN -VQ -VG 3.8 Litre V6 1988 - 1990, TOYOTA Lexcen VN 3.8 Litre 1989 - 1990
CH1645	Heater Hose	HOLDEN Commodore Statesman VN -VQ -VG 3.8 Litre V6 Heater ByPass 1988 - 1991
CH1645	Hose - Heater ByPass	TOYOTA Lexcen VN 3.8 Litre 1989 - 1990
CH1646	Heater Hose	HOLDEN Commodore Statesman VN -VQ -VG 3.8 Litre V6 -Engine to Water Valve 1988 - 1991
CH1646	Hose - Engine to Water Valve	TOYOTA Lexcen VN 3.8 Litre 1989 - 1990
CH1647	Heater Hose	HOLDEN Commodore Statesman VN -VQ -VG 3.8 Litre V6 Water Valve to Heater Inlet 1988 - 1991
CH1647	Hose - Water Valve to Heater Inlet	TOYOTA Lexcen VN 3.8 Litre 1989 - 1990
CH1648	Heater Hose	HOLDEN Commodore Statesman VN -VQ -VG 3.8 Litre V6 Heater Outlet to Water Valve 1988 - 1991
CH1648	Hose - Heater Outlet to Water Valve	TOYOTA Lexcen VN 3.8 Litre 1989 - 1990
CH1649	heater Hose	HOLDEN Commodore Statesman VN -VQ -VG 3.8 Litre V6 Water Valve to Engine 1988 - 1991
CH1649	Hose - Water Valve to Engine	TOYOTA Lexcen VN 3.8 Litre 1989 - 1990
CH1650	Heater Hose	HOLDEN Astra LD 1.6 Litre Heater Outlet 1987 - 1989, HOLDEN Astra LD 1.8 Litre Heater Outlet 1987 - 1989
CH1650	Heater Hose Heater Outlet	NISSAN Pulsar N13 1.6, 1.8 Litre 1987 - 1989
CH1652	Heater Hose	HOLDEN Astra LD 1.6 Litre Heater Inlet 1987 - 1989, HOLDEN Astra LD 1.8 Litre Heater Inlet 1987 - 1989
CH1652	Heater Hose Heater Inlet	NISSAN Pulsar N13 1.6, 1.8 Litre 1987 - 1989
CH1653	Heater Hose	MITSUBISHI COLT RC -RD - RE 1.4 & 1.6 Litre Lower 1984 - 1990
CH1654	Heater Hose	MITSUBISHI COLT RC -RD - RE 1.4 & 1.6 Litre Upper 1984 - 1990
CH1656	Heater Hose	HOLDEN Barina MB/ML 1.3 Litre Heater Inlet 1985 - 1989
CH1656	Heater Hose - Heater Inlet	SUZUKI Swift SA Hatchback 1.3 Litre 1985 - 1987
CH1657	Heater Hose	HOLDEN Barina MB/ML 1.3 Litre Heater Outlet 1985 - 1989
CH1657	Heater Hose - Heater Outlet	SUZUKI Swift SA Hatchback 1.3 Litre 1985 - 1987
CH1658	Heater Hose	HOLDEN Camira JE 2.0 Litre Outlet to Engine Auto. Trans 1987 - 1989, HOLDEN Camira JD 1.8 litre -Heater Outlet to Engine Auto Trans Fuel Injected Engine (aust. models) 1984 - 1987, HOLDEN Camira JD 1.6 litre -Heater Outlet to Engine Auto High Compression Engine (all aust. models) 1984 - 1987
CH1659	Top Hose	MITSUBISHI Magna TN -TP 2.6 Litre W/MPI 1987 - 1991
CH1660	ByPass Hose	NISSAN Bluebird 910 (Series 1) 2.0 Litre suit 3 hole Thermostat 1981 - 1983, NISSAN Bluebird 910 (Series 2) 2.0 Litre suit 3 hole Thermostat 6/83 - 1985
CH1661	Top Hose	MITSUBISHI Nimbus UC 2.0 Litre 1988 - 1992
CH1662	Bottom Hose	MITSUBISHI Nimbus UC 2.0 Litre Auto. Trans. 1988 - 1992
CH1663	Heater Hose	FORD Falcon / Fairlane XF - ZL - LTD FE UTE/VAN 3.3 & 4.1 litre "H" piece to Stop valve with E.F.I. 1984 - 1988
CH1664	Heater Hose	FORD Falcon / Fairlane XF - ZL - LTD FE UTE/VAN 3.3 & 4.1 litre Stop Valve to heater with E.F.I. 1984 - 1988
CH1665	Heater Hose	FORD Falcon / Fairlane XF - ZL - LTD FE UTE/VAN 3.3 & 4.1 litre cyl.head to adaptor with E.F.I. 1984 - 1988
CH1666	Heater Hose	FORD Falcon / Fairlane XD - XE ZJ - ZK LTD FC - FD 4.9 & 5.8 litre V8 Engine to Water Valve with A/C 1979 - 1984

Part No	Location	Application
CH1667	Heater Hose	NISSAN DX ST Utility 4.1 Litre to "T" Piece 1998 - 1991, FORD Falcon / Fairlane XF - ZL - LTD FE UTE/ VAN 3.3 & 4.1 litre Heater to "T" piece Van & UTE from 1/88 1984 - 1988
CH1668	Heater Hose	FORD Falcon / Fairlane XF - ZL - LTD FE UTE/VAN 3.3 & 4.1 litre Valve to Heater Van & UTE from 1/88 1984 - 1988, NISSAN DX ST Utility 4.1 Litre Stop Valve to Heater 1998 - 1991
CH1669	Heater Hose	FORD Falcon / Fairlane XD -XE ZJ - ZK 4.1 litre, E.F.I. Heater Core To "H" Block 1979 - 1984
CH1670	Heater Hose	FORD Falcon / Fairlane XD -XE ZJ - ZK 4.1 litre, E.F.I. "H" Piece To Stop Valve 1979 - 1984
CH1671	Heater Hose	FORD Falcon / Fairlane XF - ZL - LTD FE UTE/VAN 3.3 & 4.1 litre Heater to "T" piece to 1/88 1984 - 1988
CH1672	Heater Hose	FORD Falcon / Fairlane XF - ZL - LTD FE UTE/VAN 3.3 & 4.1 litre water pump to "H" piece with E.F.I 1984 - 1988, FORD Falcon / Fairlane XF - ZL - LTD FE UTE/VAN 3.3 & 4.1 litre Front water Pump to "T" piece 1984 - 1988
CH1672	Hose - Front Water Pump to "T" piece	NISSAN DX ST Utility 4.1 Litre 1998 - 1991
CH1673	Heater Hose	FORD Falcon / Fairlane XF - ZL - LTD FE UTE/VAN 3.3 & 4.1 litre Heater to adaptor with E.F.I. 1984 - 1988
CH1674	Bottom Hose	HOLDEN Camira JE 2.0 Litre -Radiator to Pipe 1987 - 1989
CH1677	Top Hose	FORD Corsair UA 2.0 Litre 1989 - 1992, NISSAN PINTARA U12 FWD 2.0 Litre 1989 - 1992
CH1678	Bottom Hose	FORD Corsair UA 2.0 Litre 1989 - 1992, NISSAN Bluebird U12 FWD CA20E 2 Litre 1989 - 1992, NISSAN PINTARA U12 FWD 2.0 Litre 1989 - 1992
CH1679	Top Hose	NISSAN PINTARA U12 FWD 2.4 Litre KA24 1989 - 1992, FORD Corsair UA 2.4 litre 1989 - 1982
CH1680	Bottom Hose	FORD Corsair UA 2.4 litre 1989 - 1982, NISSAN PINTARA U12 FWD 2.4 Litre KA24 1989 - 1992
CH1681	Top Hose	HYUNDAI EXCEL 1.5 Litre (G4AJ) (5/88to 89) 1986 - 1989
CH1682	Bottom Hose	HYUNDAI EXCEL 1.5 Litre (G4AJ) (Manual Trans 5/88-89) 1986 - 1989
CH1683	Heater Hose	HOLDEN Commodore Statesman VN -VQ -VG 3.8 Litre V6 Engine Water Outlet Rear 1988 - 1991
CH1683	Hose - Engine Water Outlet Rear	TOYOTA Lexcen VN 3.8 Litre 1989 - 1990
CH1684	ByPass Hose	HOLDEN Commodore Statesman VN -VQ -VG 3.8 Litre V6 1988 - 1991, TOYOTA Lexcen VN 3.8 Litre 1989 - 1990
CH1685	Heater Hose	HOLDEN Commodore Statesman VN -VQ -VG 5.0 Litre V8 -Heater ByPass 1988 - 1991, HOLDEN Commodore Statesman VP -VQ Series II 5.0 Litre V8 -Heater ByPass 1991 - 1994, HOLDEN Commodore Statesman VR -VQ Series II 5.0 Litre V8 -Heater ByPass 1994 - 1995, HOLDEN Commodore Statesman VS -VQ series II 5.0 Litre V8 -Heater ByPass 1995 - 1997
CH1686	Heater Hose	HOLDEN Commodore Statesman VN -VQ -VG 5.0 Litre V8 Heater Outlet to W/Pump 1988 - 1991, HOLDEN Commodore Statesman VR -VQ Series II 5.0 Litre V8 Heater Outlet to W/Pump 1994 - 1995, HOLDEN Commodore Statesman VP -VQ Series II 5.0 Litre V8 Heater Outlet to W/Pump 1991 - 1994, HOLDEN Commodore Statesman VS -VQ series II 5.0 Litre V8 Heater Outlet to Connector 1995 - 1997
CH1687	Heater Hose	HOLDEN Commodore Statesman VK 4.2, 5.0 Litre V8 Heater Outlet to Water Pump 1984 - 1986, HOLDEN Commodore Statesman VC 4.2, 5.0 Litre V8 Thermostat to Heater Inlet 1980 - 1981, HOLDEN Commodore Statesman VH 4.2, 5.0 Litre V8 Thermostat to Heater Inlet 1981 - 1984, HOLDEN Commodore Statesman VH 4.2, 5.0 Litre V8 Heater Outlet to Water Pump 1981 - 1984, HOLDEN Commodore Statesman VK 4.2, 5.0 Litre V8 Thermostat to Heater Inlet 1984 - 1986, HOLDEN Commodore Statesman VL 5.0 Litre V8 Thermostat to Heater Inlet 1986 - 1988, HOLDEN Commodore Statesman VC 4.2, 5.0 Litre V8 -Heater Outlet to Water Pump 1980 - 1981, HOLDEN Commodore Statesman VL 5.0 Litre V8 Heater Outlet to water Pump 1986 - 1988
CH1688	Heater Hose	HOLDEN Commodore Statesman VS -VQ series II 5.0 Litre V8 Water Valve to Heater 1995 - 1997, HOLDEN Commodore Statesman VR -VQ Series II 5.0 Litre V8 Water Valve to Heater 1994 - 1995, HOLDEN Commodore Statesman VP -VQ Series II 5.0 Litre V8 Water Valve to Heater 1991 - 1994, HOLDEN Commodore Statesman VN -VQ -VG 5.0 Litre V8 Water Valve to Heater 1988 - 1991
CH1689	Heater Hose	HOLDEN Commodore Statesman VS -VQ series II 5.0 Litre V8 -Engine to Water Valve 1995 - 1997, HOLDEN Commodore Statesman VR -VQ Series II 5.0 Litre V8 Engine to Water Valve 1994 - 1995, HOLDEN Commodore Statesman VN -VQ -VG 5.0 Litre V8 -Engine to Water Valve 1988 - 1991, HOLDEN Commodore Statesman VP -VQ Series II 5.0 Litre V8 -Engine to Water Valve 1991 - 1994
CH1690	Top Hose	HOLDEN Drover QB 1.3 litre 1985 - 1987, SUZUKI Sierra 1.3 Litre (4X4) 1985 - 1994
CH1691	Bottom Hose	HOLDEN Drover QB 1.3 litre -Radiator to Pipe 1985 - 1987
CH1691	Bottom Hose- Radiator to Pipe	SUZUKI Sierra 1.3 Litre (4X4) 1985 - 1994
CH1692	Bottom Hose	HOLDEN Drover QB 1.3 litre Pipe to Engine 1985 - 1987, SUZUKI Swift SF 1.6 Litre G16B Pipe to Engine 1989 - 1991
CH1692	Hose - Bottom Pipe to Engine	SUZUKI Sierra 1.3 Litre (4X4) 1985 - 1994
CH1693	Top Hose	NISSAN PATROL GQ (Y60) 4.2 Litre (TB42) 6 Cyl (Petrol) EFI & Carby 1988 - 1997, FORD Maverick (TB42) 6 Cyl 4.2 Litre (Petrol) 1988 - 1994
CH1694	Bottom Hose	NISSAN PATROL GQ (Y60) 4.2 Litre (TB42) 6 Cyl (Petrol) EFI & Carby 1988 - 1997, FORD Maverick (TB42) 6 Cyl 4.2 Litre (Petrol) 1988 - 1994
CH1695	Top Hose	NISSAN PATROL GQ (Y60) 4.2 Litre (TD42) 6 Cyl (Diesel) 1988 - 1998, FORD Maverick TD42 (Diesel) 1988 - 1994
CH1696	Bottom Hose	FORD Maverick TD42 (Diesel) 1988 - 1994, NISSAN PATROL GQ (Y60) 4.2 Litre (TD42) 6 Cyl (Diesel) 1988 - 1998
CH1697	Top Hose	HOLDEN Astra LD 1.6 Litre 1987 - 1989, NISSAN Pulsar N13 1.6, 1.8 Litre 1987 - 1989, HOLDEN Astra LD 1.8 Litre 1987 - 1989
CH1698	Bottom Hose	HOLDEN Astra LD 1.6 Litre 1987 - 1989, NISSAN Pulsar N13 1.6, 1.8 Litre 1987 - 1989, HOLDEN Astra LD 1.8 Litre 1987 - 1989
CH1699	Bottom Hose	TOYOTA Cressida MX73 2.8 Litre (Twin Cam) 1985 - 1988
CH1700	Top Hose	NISSAN ET, EXA Turbo 1983 - 1987

Part No	Location	Application
CH1701	Bottom Hose	NISSAN ET, EXA Turbo 1983 - 1987
CH1702	Top Hose	MAZDA B2600 (4X4 Petrol) 2.6 Litre 4G54 Eng 1987 - 1989, FORD Courier 1987 2.6 litre (Petrol) 4G54 Eng 4WD 1987 - 1996, FORD Courier PC 2.6 Litre 4G54 Eng 1987 - 10/89
CH1703	Bottom Hose	MAZDA B2600 (4X4 Petrol) 2.6 Litre 4G54 Eng 1987 - 1989, FORD Courier 1987 2.6 litre (Petrol) 4G54 Eng 4WD 1987 - 1996, FORD Courier PC 2.6 Litre 4G54 Eng 1987 - 10/89
CH1704	Top Hose	TOYOTA Cressida MX73 2.8 Litre (Twin Cam) 1985 - 1988
CH1705	Top Hose	MITSUBISHI L300 Express, Star Wagon SF 2.4 Litre Petrol 1986 - 1990
CH1706	Bottom Hose	MITSUBISHI L300 Express, Star Wagon SF 2.4 Litre Petrol 1986 - 1990, MITSUBISHI L300 Express, Star Wagon SF -SG -SH 2.0 Litre 1986 - 1994
CH1708	Bottom Hose	MITSUBISHI Magna TN -TP 2.6 Litre 1987 - 1991
CH1709	Top Hose	HOLDEN RODEO KB -KD 2.2 Litre C223 (Diesel) 1983 - 1988
CH1711	Top Hose	MITSUBISHI PAJERO NF -NG -NH 3.0 Litre V6 (Petrol) 1988 - 1994, MITSUBISHI PAJERO NK 3.0 Litre 6G72 1996 - 1997, MITSUBISHI PAJERO NJ 3.0 Litre V6 1993 - 1996
CH1712	Bottom Hose	MITSUBISHI PAJERO NK 3.0 Litre 6G72 1996 - 1997, MITSUBISHI PAJERO NF -NG -NH 3.0 Litre V6 (Petrol) 1988 - 1994, MITSUBISHI PAJERO NJ 3.0 Litre V6 1993 - 1996
CH1713	Top Hose	MITSUBISHI PAJERO NA -NB -NC -ND -NE -NF 2.3, 2.5 Litre (Diesel) 1983 - 1988
CH1714	Bottom Hose	MITSUBISHI PAJERO NA -NB -NC -ND -NE -NF 2.3, 2.5 Litre (Diesel) 1983 - 1988, MITSUBISHI Triton ME, MF, MG, MH, MJ 2.5 Litre Diesel 4D56 & 4D56T 1986 - 1997
CH1715	Top Hose	MITSUBISHI Galant HG -HH 2.0 Litre S.O.H.C. 1989 - 1992
CH1716	Top Hose	MITSUBISHI Galant HG -HH 2.0 Litre D.O.H.C. 1989 - 1992
CH1717	Bottom Hose	MITSUBISHI Galant HG -HH 2.0 Litre 1989 - 1992
CH1718	Top Hose	MITSUBISHI L300 Express, Star Wagon SF 2.4 Litre Petrol 4WD 1986 - 1990
CH1719	Bottom Hose	MITSUBISHI L300 Express, Star Wagon SF 2.4 Litre Petrol 4WD 1986 - 1990
CH1722	Top Hose	MITSUBISHI L300 Express, Star Wagon SF -SG -SH 2.0 Litre 1986 - 1994
CH1723	Bottom Hose	MITSUBISHI L300 Express, Star Wagon SF 2.5 Litre Diesel 1986 - 1994
CH1725	Top Hose	FORD Courier 1985 2.2 litre (Diesel) 1985 - 1994, MAZDA B2200 2.2 Litre (Diesel) 1985 - 1991
CH1726	Bottom Hose	FORD Courier 1985 2.2 litre (Diesel) 1985 - 1989, MAZDA B2200 2.2 Litre (Diesel) 85-11/89 1985 - 1991
CH1727	Top Hose	MAZDA E2200 2.2 Litre (Diesel) 1984 - 1991, FORD Econovan Maxi 2.2 litre (Diesel) 1984 - 1191
CH1728	Bottom Hose	MAZDA E2200 2.2 Litre (Diesel) 1984 - 1991, FORD Econovan Maxi 2.2 litre (Diesel) 1984 - 1191
CH1729	Top Hose	FORD Econovan 2.0 litre (Petrol) 1984 - 1991, MAZDA 929 2.0 Litre 2.0 Litre 1983 - 1987, FORD Courier 1985 2.0 litre (Petrol) 1985 - 1991, MAZDA E2000 2.0 Litre Petrol 1984 - 1991, MAZDA B2000 2.0 Litre (Petrol) 1985 - 1988
CH1730	Bottom Hose	MAZDA B2000 2.0 Litre (Petrol) 1985 - 1988, MAZDA E2000 2.0 Litre Petrol 1984 - 1991, FORD Econovan 2.0 litre (Petrol) 1984 - 1991, FORD Courier 1985 2.0 litre (Petrol) 1985 - 1991
CH1731	Top Hose	MAZDA 626 GD, GV 2.2 Litre F2 (Manual Trans) E.F.I 1987 - 1997, MAZDA MX6 2.2 Litre (Manual Trans) E.F.I 1987 - 1991, FORD Telstar AT - AV 2.2 Litre (F2) Manual Trans 1987 - 1992
CH1732	Bottom Hose	MAZDA MX6 2.2 Litre 1987 - 1991, MAZDA 626 GD, GV 2.2 Litre F2 1987 - 1997, FORD Telstar AT - AV 2.2 Litre (F2) 1987 - 1992, FORD Telstar AT 2.0 Litre 1987 - 12/89
CH1733	Top Hose	FORD Telstar AT 2.0 Litre 1987 - 12/89
CH1734	Top Hose	MAZDA 626 GD, GV 2.2 Litre F2 (Manual Trans) Turbo 1987 - 1997, MAZDA MX6 2.2 Litre (Manual Trans) Turbo 1987 - 1991, FORD Telstar AT - AV 2.2 Litre (F2) Manual Trans Turbo 1987 - 1992
CH1735	Top Hose	MAZDA 626 GD, GV 2.2 Litre F2 (Auto Trans) 1987 - 1997, MAZDA MX6 2.2 Litre (Auto Trans) 1987 - 1991, FORD Telstar AT - AV 2.2 Litre (F2) Auto Trans 1987 - 1992
CH1736	Top Hose	HOLDEN APOLLO JK:JL 2.0 Litre 1989 - 2/93, TOYOTA Camry SV21 - SV22 2.0 Litre 7/89 - 2/93
CH1737	Top Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS16 2.3 Litre 4ZD1 (Petrol) 1984 - 1988, HOLDEN RODEO KB -KD 2.3 Litre (Petrol) 3/87 - 1988
CH1738	Bottom Hose	HOLDEN RODEO KB -KD 2.3 Litre (Petrol) 3/87 - 1988, HOLDEN JACKAROO (Bighorn, Trooper) UBS16 2.3 Litre 4ZD1 (Petrol) 1984 - 1988
CH1739	Top Hose	HOLDEN Barina MF/MH 1.3 Litre 1989 - 1994, SUZUKI Swift SF 1.3 Litre G13B 1989 - 1994
CH1740	Bottom Hose	HOLDEN Barina MF/MH 1.3 Litre Rad To Water Intake Pipe M/Trans. 1989 - 1994
CH1740	Bottom Hose Rad to Water Intake Pipe M/Trans.	SUZUKI Swift SF 1.3 Litre G13B 1989 - 1994
CH1741	Bottom Hose	HOLDEN Barina MF/MH 1.3 Litre Intake Pipe Connector M/Trans. 1989 - 1994
CH1741	Bottom Hose Water Intake Pipe Connector M/Trans.	SUZUKI Swift SF 1.3 Litre G13B 1989 - 1994
CH1742	Bottom Hose	HOLDEN Barina MF/MH 1.3 Litre Rad To Water Intake Pipe A/Trans 1989 - 1994
CH1742	Bottom Hose Rad to Intake Pipe Type 1 Auto	SUZUKI Swift SF 1.3 Litre G13B 1989 - 1994
CH1743	Bottom Hose	HOLDEN Barina MF/MH 1.3 Litre Intake Pipe Connector A/Trans. 1989 - 1994
CH1743	Bottom Hose-Water Intake Pipe Connector Auto	SUZUKI Swift SF 1.3 Litre G13B 1989 - 1994
CH1744	Top Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS52 2.2 Litre C223T (Turbo Diesel) 1984 - 1988
CH1745	Bottom Hose	TOYOTA Corolla AE95 1.6 Litre Manual Trans 1990 - 1994, TOYOTA Corolla AE90-92-93-94 1.4, 6AFC, 1.6 Litre 4AFC, 4AFE Radiator to pipe 1987 - 1994, HOLDEN NOVA LE:LF 1.4, 6AFC, 1.6 Litre 4AFC, 4AFE Radiator to pipe 1987 - 1994



Part No	Location	Application
CH1746	Bottom Hose	HOLDEN RODEO KB -KD 2.2 Litre C223 (Diesel) 1983 - 1988
CH1747	Top Hose	HOLDEN Commodore Statesman VR -VQ Series II 5.0 Litre V8 1994 - 1995, HOLDEN Commodore Statesman VP - VQ Series II 5.0 Litre V8 1991 - 1994, HOLDEN Commodore Statesman VN -VQ -VG 5.0 Litre V8 1988 - 1991, HOLDEN Commodore Statesman VS - VQ series II 5.0 Litre V8 1995 - 1997
CH1748	Top Hose	HOLDEN NOVA LE:LF 1.4, 6AFC, 1.6 Litre 4AFC, 4AFE 1987 - 1994, TOYOTA Corolla AE90-92-93-94 1.4, 6AFC, 1.6 Litre 4AFC, 4AFE 1987 - 1994
CH1749	ByPass Hose	TOYOTA Corolla AE90-92-93-94 1.4, 6AFC, 1.6 Litre 4AFC, 4AFE Water Inlet 1987 - 1994, TOYOTA Corolla AE82 1.6 Litre 4AGE 1/86 - 12/88, HOLDEN NOVA LE:LF 1.4, 6AFC, 1.6 Litre 4AFC, 4AFE Water Inlet 1987 - 1994
CH1750	Top Hose	TOYOTA Camry SV11 2.0 Litre (2S) (IMPORTED) 1983 - 1987, TOYOTA Corona ST150 1.8 Litre 1S New Zealand 1984 -
CH1751	Bottom Hose	TOYOTA Camry SV11 2.0 Litre (2S) (IMPORTED) 1983 - 1987
CH1752	Top Hose	TOYOTA Cressida MX73 2.8 Litre (Single Cam 5M-E) 1985 - 1988
CH1753	Bottom Hose	TOYOTA Cressida MX73 2.8 Litre (Single Cam 5M-E) 1985 - 1988
CH1754	Top Hose	MITSUBISHI L300 Express, Star Wagon SF 2.5 Litre Diesel 1986 - 1994
CH1755	Top Hose	FORD Capri II Convertible 1.6 Litre SOHC 1989 - 1990
CH1756	Bottom Hose	FORD Capri II Convertible 1.6 Litre SOHC 1989 - 2/91, FORD Capri II Convertible 1.6 litre DOHC 1989 - 2/91
CH1757	Top Hose	TOYOTA 4 Runner 2.4 Litre (2L Diesel) 1984 - 1989, TOYOTA HiLux LN60 -61 -65 L (Diesel) Eng 1984 - 1989, TOYOTA HiLux LN56 2.2 Litre L 2WD 1983 - 1988, TOYOTA HiLux LN 65 4 Cyl 2.4 Litre (2L) Diesel 11/83 - 8/88
CH1758	Bottom Hose	TOYOTA HiLux LN56 2.2 Litre L 2WD 1983 - 1988
CH1759	Top Hose	HOLDEN Commodore Statesman VN -VQ -VG 3.8 Litre V6 less ABS brakes 1991 - 1991, HOLDEN Commodore Statesman VR -VQ Series II 3.8 Litre V6 less ABS brakes 1994 - 1995, HOLDEN Commodore Statesman VP - VQ Series II 3.8 Litre V6 less ABS brakes 1991 - 1994
CH1759	Top Hose less ABS brakes	TOYOTA Lexcen VP -VR 3.8 Litre V6 1990 - 1994, TOYOTA Lexcen VP -VR 3.8 Litre V6 1994 - 1995
CH1760	Top Hose	MITSUBISHI Magna TR 2.6 Litre Carby Man Trans to 10/93 1991 - 1994, MITSUBISHI Magna TS 2.6 Litre Pipe to Rad W/Carby Manual Trans 1994 - 1996, MITSUBISHI Magna TR 2.6 Litre MPI Pipe to Rad 11/93 on 1991 - 1994
CH1761	Top Hose	MITSUBISHI Magna TR 2.6 Litre MPI Eng to Pipe 11/93 on 1991 - 1994, MITSUBISHI Magna TR 2.6 Litre Carby eng to pipe to 10/93 1991 - 1994
CH1762	Bottom Hose	MITSUBISHI Magna TS 2.6 Litre 1994 - 1996, MITSUBISHI Magna TR 2.6 Litre 1991 - 1994
CH1763	Top Hose	LANDROVER 110 1984 - 1991
CH1764	Bottom Hose	LANDROVER 110 3.9L Diesel 1984 - 1991
CH1765	Heater Hose	FORD Falcon / Fairlane XF - ZL - LTD FE UTE/VAN 3.3 & 4.1 litre intake manifold to cyl head less EFI & A/C 1984 - 1988, FORD Falcon / Fairlane XD -XE ZJ - ZK 3.3 & 4.1 litre intake manifold to cyl head less EFI & A/C 5/80-82 1979 - 1984
CH1766	Top Hose	TOYOTA Camry VZV21 2.5 Litre 8/88 - 2/93
CH1767	Bottom Hose	TOYOTA Camry VZV21 2.5 Litre 8/88 - 2/93
CH1768	Top Hose	TOYOTA LANDCRUISER FJ70 (RJ70) Series Bunderra 2.4 L 4Cyl 22R Eng 1985 - 1991
CH1769	Bottom Hose Radiator to Pipe	TOYOTA LANDCRUISER FJ70 (RJ70) Series Bunderra 2.4 L 4Cyl 22R Eng 1985 - 1991
CH1770	Bottom Hose	TOYOTA HiLux RN85,90, 105, 106, 110, 130 2.4 Litre (22R) w/Cab Pipe 1 to Engine 1988 - 1998
CH1770	Bottom Hose Pipe to Engine	TOYOTA LANDCRUISER FJ70 (RJ70) Series Bunderra 2.4 L 4Cyl 22R Eng 1985 - 1991
CH1770	Pipe 1 to Engine w/Cab	TOYOTA 4 Runner 2.4 Litre 22R 1989 - 1996
CH1771	Top Hose	FORD Falcon / Fairlane EB -ED. Phase II NA - NC LTD DA - DC 4.0 Litre (6Cyl) 2/92 - 1995
CH1772	Top Hose	MAZDA 121 1.3 Litre DB1031 1990 - 1997
CH1773	Bottom Hose	MAZDA 121 1.3 Litre DB1031 1990 - 1997
CH1774	Top Hose	FORD Festiva WA - WB 1.3 Litre (Auto Trans) 1991 - 1996
CH1775	Top Hose	FORD Festiva WA - WB 1.3 Litre (Man Trans) 1991 - 1996
CH1776	Bottom Hose	FORD Festiva WA - WB 1.3 Litre (Auto Trans) 1991 - 1996
CH1777	Bottom Hose	FORD Festiva WA - WB 1.3 Litre (Man Trans) 1991 - 1996
CH1778	Top Hose	MAZDA 626 CB 2.0 Litre MA Manual Trans. 1980-82 1979 - 1983
CH1779	Heater Hose	HOLDEN Commodore Statesman VP - VQ Series II 3.8 Litre V6 Water Valve to Heater Inlet 1991 - 1994, HOLDEN Commodore Statesman VR -VQ Series II 3.8 Litre V6 Water Valve to Heater Inlet 1994 - 1995, TOYOTA Lexcen VP -VR 3.8 Litre V6 1990 - 1994
CH1780	Heater Hose	HOLDEN Commodore Statesman VP - VQ Series II 3.8 Litre V6 Heater to Engine VQ w/out ABS 1991 - 1994, HOLDEN Commodore Statesman VR -VQ Series II 3.8 Litre V6 Heater to Engine VQ w/out ABS 1994 - 1995, TOYOTA Lexcen VP -VR 3.8 Litre V6 1990 - 1994
CH1781	Heater Hose	HOLDEN Commodore Statesman VR -VQ Series II 3.8 Litre V6 Water Valve to Engine 1994 - 1995, HOLDEN Commodore Statesman VP - VQ Series II 3.8 Litre V6 Water Valve to Engine 1991 - 1994, TOYOTA Lexcen VP -VR 3.8 Litre V6 1990 - 1994
CH1782	ByPass Hose	HOLDEN Commodore Statesman VR -VQ Series II 3.8 Litre V6 1994 - 1995, HOLDEN Commodore Statesman VP - VQ Series II 3.8 Litre V6 1991 - 1994, TOYOTA Lexcen VP -VR 3.8 Litre V6 1990 - 1994
CH1783	Bottom Hose	MAZDA 929 2.0 Litre 2.0 Litre 1983 - 1987
CH1784	Top Hose	NISSAN Pulsar N14 1.6 Litre GA16 DOHC 1991 - 1995
CH1785	Bottom Hose	NISSAN Pulsar N14 1.6 Litre GA16 DOHC 1991 - 1995
CH1786	Top Hose	NISSAN Pulsar N14 1.8 Litre (SR18DE) 1990 - 1994, NISSAN Pulsar N14 2.0 Litre 1991 - 1995

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CH1787	Bottom Hose	NISSAN NX Coupe 4 Cyl 10/90 - 1995, NISSAN Pulsar N14 1.8 Litre (SR18DE) 1990 - 1994, NISSAN Pulsar N14 2.0 Litre 1991 - 1995
CH1788	Bottom Hose	FORD Falcon / Fairlane EB-ED. Phase II NA - NC LTD DA - DC 4.0 Litre (6Cyl) 2/92 - 1995
CH1789	Top Hose	HONDA CIVIC SL 1300 (EN) 1980 - 1984
CH1790	Bottom Hose	HONDA CIVIC SL 1300 (EN) Auto.Trans 1980 - 1984
CH1791	Bottom Hose	HONDA CIVIC SL 1300 (EN) Manual Trans 1980 - 1984
CH1792	Heater Hose	FORD Escort MKII 2.0 Litre Water Pump to Heater 1977 - 1981
CH1793	Heater Hose	FORD Escort MKII 2.0 Litre Manifold to Heater 1977 - 1981
CH1794	Top Hose	FORD Laser 1.3 Litre (B3) SOHC (NZ & Export) 1990 - 1992, FORD Laser KF - KH 1.6 litre & 1.8 litre SOHC 1990 - 1994, MAZDA 323 Astina BG10 1.6 litre & 1.8 litre SOHC 3 & 4 Door 1989 - 1996
CH1795	Bottom Hose	FORD Laser 1.3 Litre (B3) SOHC (NZ & Export) 1990 - 1992, FORD Laser KF - KH 1.6 & 1.8 litre less Turbo 1990 - 1994, MAZDA 323 Astina BG10 1.6 & 1.8 litre less Turbo 1989 - 1996
CH1796	Top Hose	FORD Laser KF - KH 1.8 litre DOHC Turbo 1990 - 1994, MAZDA 323 Astina BG10 1.8 litre DOHC Turbo 1989 - 1996
CH1797	Bottom Hose	FORD Laser KF - KH 1.8 Litre DOHC Turbo 1990 - 1994, MAZDA 323 Astina BG10 1.8 Litre DOHC Turbo 1989 - 1996
CH1798	Bottom Hose	FORD Falcon / Fairlane EB-ED - NC - LTD DC 5 litre Multi Point EFI Engine to Pipe 1991 - 1994
CH1799	Hose - manifold to water valve	FORD Falcon / Fairlane EB-ED - NC - LTD DC 5 litre Multi Point EFI 1991 - 1994
CH1800	Heater Hose	FORD Falcon / Fairlane EB-ED - NC - LTD DC 5 litre Multi Point EFI water valve to heater core 1991 - 1994
CH1801	Heater Hose	FORD Falcon / Fairlane EB-ED - NC - LTD DC 5 litre Multi Point EFI heater to water pump 1991 - 1994
CH1802	Top Hose	FORD Falcon / Fairlane XG Ute - Van 4.0 Litre (6Cyl) 7/93 - 1996
CH1803	Bottom Hose	FORD Falcon / Fairlane XG Ute - Van 4.0 Litre (6Cyl) 7/93 - 1996
CH1804	Top Hose	HOLDEN APOLLO JM 4 cyl. 2/93 - 1995, TOYOTA Camry SDV10 4 cyl. 2/93 - 1995
CH1805	Bottom Hose	TOYOTA Camry SDV10 4 cyl. 2/93 - 1995, HOLDEN APOLLO JM 4 cyl. 2/93 - 1995
CH1806	Top Hose	MAZDA 323 1500cc 1993 - 1994
CH1807	Top Hose	MAZDA 323 1800cc 1993 - 1994, PROTON Wira, Persona 1.6 Litre (4G92P) 1995 - 11/96, MITSUBISHI Lancer CE Wagon 1.8 Litre 4G93 1996 - 2002
CH1808	Bottom Hose	MAZDA 323 1500cc 1993 - 1994
CH1809	Bottom Hose	PROTON Wira, Persona 1.6 Litre (4G92P) Auto Trans. 1995 - 11/96, MITSUBISHI Lancer CC 1800cc SOHC Auto.Trans 1993 - 1994, MITSUBISHI Lancer CE Wagon 1.8 Litre 4G93 SOHC Auto.Trans 1996 - 2002
CH1810	Bottom Hose	PROTON Wira, Persona 1.6 Litre (4G92P) Man. Trans 1995 - 11/96, MITSUBISHI Lancer CC 1800cc SOHC 5 Spd M/trans also DOHC W/ Turbo 1993 - 1994, MITSUBISHI Lancer CE Wagon 1.8 Litre 4G93 SOHC 5 Spd M/trans also DOHC W/ Turbo 1996 - 2002
CH1811	Top Hose	MAZDA 323 1500cc 1993 - 1994
CH1812	Top Hose	MAZDA 323 1800cc 1993 - 1994
CH1813	Bottom Hose	MAZDA 323 1500cc 1993 - 1994
CH1814	Bottom Hose	MAZDA 323 1800cc 1993 - 1994
CH1815	Bottom Hose	MAZDA 323 1500cc 1993 - 1994
CH1816	Top Hose	HOLDEN APOLLO JM V6 2/93 - 1995, TOYOTA Camry VDV10 3.0 Litre 2/93 - , HOLDEN APOLLO JP V6 9/95 - 1997
CH1817	Bottom Hose	TOYOTA Camry VDV10 3.0 Litre 2/93 - , HOLDEN APOLLO JM V6 2/93 - 1995, HOLDEN APOLLO JP V6 9/95 - 1997
CH1818	Top Hose	MAZDA 323 1500cc 1993 - 1994
CH1819	Top Hose	MAZDA 323 1800cc 1993 - 1994
CH1820	Top Hose	MAZDA 323 1500cc 1993 - 1994
CH1821	Bottom Hose	MAZDA 323 1800cc 1993 - 1994
CH1822	Bottom Hose	MAZDA 323 1500cc 1993 - 1994
CH1823	Top Hose	DAIHATSU Mira L200-L201 1990 -
CH1824	Bottom Hose	DAIHATSU Mira L200-L201 1990 -
CH1825	Top Hose	DAIHATSU Applause Auto trans 1984 -
CH1826	Bottom Hose	DAIHATSU Applause Auto trans 1984 -
CH1827	Top Hose	DAIHATSU Applause Man Trans 1984 -
CH1828	Bottom Hose	DAIHATSU Applause Man Trans 1984 -
CH1829	Top Hose	HYUNDAI SONATA 3.0 Litre 1989 - 3/91
CH1830	Top Hose	HYUNDAI SONATA 3.0 Litre 3/91 - 1998
CH1831	Bottom Hose	HYUNDAI SONATA 3.0 Litre 1989 - 3/91
CH1832	Bottom Hose	HYUNDAI SONATA 3.0 Litre 3/91 - 1998
CH1833	Top Hose	HYUNDAI SONATA 2.4 Litre 1989 - 1991
CH1834	Bottom Hose	HYUNDAI SONATA 2.4 Litre 1989 - 1991
CH1835	Top Hose	HYUNDAI LANTRA 1.8 Litre 1991 - 4/95, HYUNDAI LANTRA 1.6 Litre 1991 - 4/95
CH1836	Bottom Hose	HYUNDAI LANTRA 1.6 Litre 1991 - 4/95
CH1837	Bottom Hose	HYUNDAI LANTRA 1.8 Litre (1991-7/92) 1991 - 4/95

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CH1838	Bottom Hose	HYUNDAI LANTRA 1.8 Litre (7/92-95) 1991 - 4/95
CH1839	ByPass Hose	TOYOTA Corolla KE38 -55 1.3 Litre; 4K - C 1979 - 1981, TOYOTA Corolla KE30 -35 1.2 Litre; 3K - C 9/77-1978 1974 - 1978, TOYOTA Corolla KE70 -71 1.3 Litre 4K - C 1980 - 1984
CH1840	ByPass Hose	FORD Laser,Meteor KC - KE - GC 1.3 litre 1985 - 1989, FORD Laser,Meteor KA - GA 1.3 Litre & 1.5 Litre 1981 - 1982, MAZDA 323 FWD 1.3, 1.5 Litre BD1051 & BD1052 1980-85 1980 - 1985, MAZDA 323 1.6 Litre, E.F.I. Exc Turbo 1985 - 1990, FORD Laser,Meteor KC - KE - GC 1.6 litre E.F.I. Exc Turbo 1985 - 1990
CH1841	Heater Hose	FORD Laser,Meteor KB - GB 1.3 litre & 1.5 litre No 1 Valve to Engine 10/82 - 1985, FORD Laser,Meteor KA - GA 1.3 Litre & 1.5 Litre Valve to Engine 1981 - 1982, MAZDA 323 FWD 1.3, 1.5 Litre BD1051 & BD1052 1980-85 Valve to Engine 1980 - 1985
CH1842	Heater Hose	FORD Laser,Meteor KB - GB 1.3 litre & 1.5 litre No 2 Heater to Valve 10/82 - 1985, FORD Laser,Meteor KA - GA 1.3 Litre & 1.5 Litre Heater to Valve 1981 - 1982, MAZDA 323 FWD 1.3, 1.5 Litre BD1051 & BD1052 1980-85 Heater to Valve 1980 - 1985
CH1843	Heater Hose	MAZDA 323 FWD 1.3, 1.5 Litre BD1051 & BD1052 1980-85 Heater to Engine 1980 - 1985, FORD Laser,Meteor KB - GB 1.3 litre & 1.5 litre No 3 Heater to Engine 10/82 - 1985, FORD Laser,Meteor KA - GA 1.3 Litre & 1.5 Litre Heater to Engine 1981 - 1982
CH1844	Heater Hose	MAZDA 323 FWD 1.3, 1.5 Litre BD1051 & BD1052 1980-85 Valve to Engine 1980 - 1985, FORD Laser,Meteor KA - GA 1.3 Litre & 1.5 Litre Valve to Engine 1981 - 1982, FORD Laser,Meteor KB - GB 1.3 litre & 1.5 litre No 4 Valve to Engine 10/82 - 1985
CH1845	Heater Hose	FORD Laser,Meteor KC - KE - GC 1.3 litre 85-10/87 1985 - 1989, FORD Laser,Meteor KC - KE - GC 1.6 litre E.F.I. Exc Turbo To 10/87 Engine to Heater 1985 - 1990, MAZDA 323 1.6 Litre, E.F.I. Exc Turbo Heater to Eng 1985 - 1990
CH1847	Heater Hose	FORD Laser,Meteor KC - KE - GC 1.3 litre 1985 - 1989, FORD Laser,Meteor KC - KE - GC 1.6 litre E.F.I. Exc Turbo 10/87 -90 Engine to Heater 1985 - 1990, MAZDA 323 1.6 Litre, E.F.I. Exc Turbo Eng to Heater 1985 - 1990, FORD Laser KC - KE - Turbo 4WD 1985 - 1990
CH1848	Top Hose	HOLDEN Commodore Statesman VR -VQ Series II 3.8 Litre V6 with ABS brakes 1994 - 1995, HOLDEN Commodore Statesman VN -VQ -VG 3.8 Litre V6 with ABS brakes 1991 - 1991, HOLDEN Commodore Statesman VP - VQ Series II 3.8 Litre V6 with ABS brakes 1991 - 1994
CH1848	Top Hose with ABS brakes	TOYOTA Lexcen VP -VR 3.8 Litre V6 1994 - 1995, TOYOTA Lexcen VP -VR 3.8 Litre V6 1990 - 1994
CH1851	Bottom Hose	FORD Capri II Convertible 1.6 Litre SOHC 2/91 - , FORD Capri II Convertible 1.6 litre DOHC 2/91 - 5/93
CH1854	Bottom Hose	FORD Capri II Convertible 1.6 litre DOHC 6/93 - 1994
CH1860	Heater Hose	FORD Telstar AR - AS 2.0 Litre Engine to Heater 1983 - 1987, MAZDA 626 CB 2.0 Litre MA EngineTo Heater 1979 - 1983
CH1861	Heater Hose	FORD Telstar AR - AS 2.0 Litre Heater to Engine 1983 - 1987
CH1861	Hose- Heater to Eng	MAZDA 626 GC 2.0 Litre FE 1983 - 1987
CH1862	Heater Hose	MAZDA 626 GD, GV 2.2 Litre F2 87-12/89 1987 - 1991, FORD Telstar AT 2.0 Litre Heater to Engine 1987 - 12/89, MAZDA MX6 2.2 Litre 87-12/89 1987 - 1991, FORD Telstar AT - AV 2.2 Litre (F2) Heater to Engine 1987 - 12/89
CH1863	Heater Hose	MAZDA 626 GC 2.0 Litre FE Eng to Heater 1983 - 1987, FORD Telstar AT 2.0 Litre Engine to Heater 1987 - 12/89, MAZDA MX6 2.2 Litre 87-12/8 1987 - 1991, MAZDA 626 GD, GV 2.2 Litre F2 87-12/8 1987 - 1991
CH1865	Heater Hose	MAZDA 626 GD, GV 2.2 Litre F2 12/89-91 1987 - 1991, FORD Telstar AT - AV 2.2 Litre (F2) Engine to Heater 1/90 - 1992, MAZDA MX6 2.2 Litre 12/89-91 1987 - 1991
CH1872	Top Hose	BMW 318i E21 1.8 litre 1980 - 1987
CH1873	Bottom Hose	BMW 320i E21 2.0 Litre less A/C 1977 - 1983, BMW 318i E21 1.8 litre less A/C 1980 - 1987
CH1875	Top Hose	BMW 320i E21 2.0 Litre 1977 - 1983, BMW 323i E21 2.3 Litre M20B23 06/1979 - 10/1983
CH1876	Top Hose	BMW 325i E30 2.5 litre 1984 - 1990
CH1877	Bottom Hose	BMW 528i E12 2.8 litre 1975 - 1981, BMW 530i E39 3.0 litre 1975 - 1981
CH1878	ByPass Hose	BMW 530i E39 3.0 litre 1975 - 1981, BMW 528i E12 2.8 litre 1975 - 1981
CH1878	Hose - Thermostat to Water Pump	BMW 528e E12 2.8 litre 1982 - 1988, BMW 630csi E24 3.0 litre 1977 - 1981
CH1880	Bottom Hose	BMW 635i E24 3.5 litre 1982 - 1988, BMW 533i E28 3.3 litre 1983 - 1984, BMW 535i E28 3.5 litre 1985 - 1988
CH1881	Top Hose	JAGUAR XJS 5.3 Litre Left Hand 1976 - 1991
CH1882	Top Hose	JAGUAR XJS 5.3 Litre Right Hand 1976 - 1991
CH1883	ByPass Hose	JAGUAR XJ12 5.3 Litre 1973 - 1979, JAGUAR XJS 5.3 Litre 1976 - 1991
CH1884	Heater Hose	JAGUAR XJ12 5.3 Litre Water Valve to Engine 1973 - 1979
CH1885	Heater Hose	JAGUAR XJ12 5.3 Litre Valve to Heater 1973 - 1979, JAGUAR III Valve to Heater 1979 - 1987, JAGUAR XJ6 III Valve to Heater 1969 - 1977
CH1886	Top Hose	JAGUAR XJ6 III 1983 - 1987
CH1887	Hose - Expansion Tank to Radiator	JAGUAR XJ6 III 1983 - 1987, JAGUAR XJ12 5.3 Litre 1973 - 1979
CH1888	Hose - Header Tank	JAGUAR XJ6 III 1979 - 1987
CH1889	Water Hose	JAGUAR XJ6 III 1979 - 1987
CH1890	Heater Hose	JAGUAR XJ6 III 1979 - 1987
CH1891	Water Hose	JAGUAR XJ6 III 1978 - 1982
CH1892	Top Hose	PEUGEOT 505 NX6 1980 - 1987
CH1893	Bottom Hose	PEUGEOT 505 NX6 1980 - 1987
CH1894	Top Hose	PEUGEOT 604 1977 - 1979



Part No	Location	Application
CH1895	Top Hose	SAAB 99, 900 2.0 Litre 1979 - 1980
CH1896	Bottom Hose	SAAB 99, 900 2.0 Litre with out Turbo 1979 - 1980
CH1897	Bottom Hose	SAAB 99, 900 2.0 Litre Turbo 1979 - 1980
CH1898	Heater Hose	SAAB 900 2.0 Litre DOHC 1985 - 1988
CH1899	Bottom Hose	SAAB 900 2.0 Litre SOHC 1 Man Trans 1981 - 1988
CH1900	Bottom Hose	SAAB 900 2.0 Litre SOHC 1 Auto trans 1981 - 1988
CH1901	Bottom Hose	VOLVO 140 1967 - 1968
CH1902	Bottom Hose	VOLVO 140 1972 - 1974, VOLVO 1800 1969 - 1970
CH1903	Top Hose	VOLVO 164 with A/C 1969 - 1970, VOLVO 164 1971 - 1975
CH1904	Bottom Hose	VOLVO B230 Less Turbo 1984 - 1993
CH1905	Heater Hose	VOLVO 240 1975 -
CH1906	Heater Hose Less Turbo	VOLVO 240 1975 - 1993
CH1907	Flame Trap Hose	VOLVO 240 1976 - 1980
CH1908	Hose- Rear Water Pump	VOLVO 260 1976 - 1983
CH1909	Hose- Cyl. Head to water pump	VOLVO 260 1976 - 1983
CH1910	Top Hose	VOLVO 740/760 4cyl 1BF23T Turbo 1984 - 1993
CH1911	Top Hose	VOLVO 760/780 V6 B280 1983 - 1990
CH1912	Top Hose	VOLVO 760/780 V6 B28 1983 - 1990
CH1913	Hose- W/Pump to cyl Head	VOLVO 760/780 V6 B280 1983 - 1990
CH1914	Top Hose	TOYOTA LANDCRUISER FJ62 4.0 Litre OHC 3F PETROL 11/84 - 3/92
CH1915	Bottom Hose - Pump Side	TOYOTA LANDCRUISER FJ62 4.0 Litre OHC 3F PETROL 11/84 - 3/92
CH1915	Bottom Hose - Radiator to Pipe	TOYOTA LANDCRUISER FJ70 - FJ73 - FJ75 series Troop Carrier 4.0 Litre 3F Petrol 1985 - 1991
CH1916	Top Hose	TOYOTA LANDCRUISER FJ70 - FJ73 - FJ75 series Troop Carrier 4.0 Litre 3F Petrol 1985 - 1991
CH1917	Bottom Hose - Pipe to Eng	TOYOTA LANDCRUISER FJ70 - FJ73 - FJ75 series Troop Carrier 4.0 Litre 3F Petrol Man Trans 1985 - 1991
CH1918	Top Hose	TOYOTA LANDCRUISER HJ45 3.6 Litre (H) Diesel Eng 4/80-7/80 1972 - 1980
CH1919	Bottom Hose - Rad.Side	TOYOTA LANDCRUISER HJ45 3.6 Litre (H) Diesel Eng 1972 - 1980
CH1920	Top Hose	TOYOTA LANDCRUISER HZJ79 4.2 Litre Diesel 10/99 - 10/2007, TOYOTA LANDCRUISER HZJ70 - HZJ73 - HZJ75 - HZJ78 Series 4.2 Litre 1HZ Diesel 1985 - 2001, TOYOTA LANDCRUISER HDJ78 4.2 Litre 1HD Diesel 2001 - 2007
CH1921	Bottom Hose	TOYOTA LANDCRUISER HZJ79 4.2 Litre Diesel Up to 0/01 10/99 - 10/2007, TOYOTA LANDCRUISER HZJ70 - HZJ73 - HZJ75 - HZJ78 Series 4.2 Litre 1HZ Diesel up to 8/2001 1985 - 2001
CH1922	Top Hose	TOYOTA LANDCRUISER BJ70, BJ71, BJ73, BJ74, BJ75 3.4 Litre 3B & 13BT 3B & 13BT engines 1984 - 1991
CH1923	Top Hose	TOYOTA LANDCRUISER FJ40 - 45F 2F PETROL 8/80-1984 1960 - 1984
CH1924	ByPass Hose	TOYOTA LANDCRUISER BJ41, BJ42, BJ45, BJ46 3.4 Litre 3B T (Diesel) 10/1980 - 1985, TOYOTA LANDCRUISER BJ70, BJ71, BJ73, BJ74, BJ75 3.4 Litre 3B & 13BT 3B & 13BT engines 1984 - 1991, TOYOTA LANDCRUISER BJ40 3.0 Litre B Diesel Eng 12/1977 - 1980
CH1925	Bottom Hose	TOYOTA LANDCRUISER BJ70, BJ71, BJ73, BJ74, BJ75 3.4 Litre 3B & 13BT Rad. Side 3B Engine 1984 - 1991
CH1926	Bottom Hose - Rad. Side	TOYOTA LANDCRUISER FJ40 - 45F 2F PETROL 8/80-1984 1960 - 1984
CH1928	Bottom Hose - Rad.Side with A/CÆ	TOYOTA LANDCRUISER FJ60 SERIES 4.2 Petrol OHC 2F 7/80 -
CH1929	Bottom Hose - Rad.Side	TOYOTA LANDCRUISER FJ62 4.0 Litre OHC 3F PETROL 11/84 - 3/92
CH1931	Bottom Hose	TOYOTA LANDCRUISER BJ41, BJ42, BJ45, BJ46 3.4 Litre 3B T (Diesel) Pipe to engine up to 10/1981 10/1980 - 1985
CH1932	ByPass Hose	TOYOTA LANDCRUISER FJ62 4.0 Litre OHC 3F PETROL 11/84 - 3/92
CH1933	ByPass	TOYOTA LANDCRUISER FJ80 4.0 Litre (3F ) 1990 - 1992
CH1933	ByPass Hose	TOYOTA LANDCRUISER FJ70 - FJ73 - FJ75 series Troop Carrier 4.0 Litre 3F Petrol 1985 - 1991
CH1934	ByPass Hose	TOYOTA LANDCRUISER HJ45 3.6 Litre (H) Diesel Eng 9/72-7/80 1972 - 1980
CH1936	ByPass Hose	TOYOTA LANDCRUISER HJ61 4.0 Litre (Diesel Turbo) 1986 - 1990, TOYOTA LANDCRUISER HJ47 4.0 Litre (2H) Diesel Eng (1983-84) 1981 - 1984, TOYOTA LANDCRUISER HJ75 2H Diesel 1985 - 1987
CH1936	ByPass Hose 8/83-on	TOYOTA LANDCRUISER HJ60 4.0 Litre (2H) Diesel 1981 - 1984
CH1937	Top Hose	TOYOTA HiLux LN46 L Diesel Eng 6/81 - 7/83
CH1938	Top Hose	TOYOTA 4 Runner 2.2 Litre 4Y PETROL 1984 - 1990, TOYOTA HiLux YN 57 -60 -63 -65 -67 3Y & 4Y - , TOYOTA HiLux YN85 Grinner 1.8 litre (2Y) 1987 - 1997
CH1940	Bottom Hose	TOYOTA 4 Runner 2.4 Litre (2L Diesel) 1984 - 1989, TOYOTA HiLux LN 65 4 Cyl 2.4 Litre (2L) Diesel Less Power Steering 8/83-ON 11/83 - 8/88

Part No	Location	Application
CH1941	Bottom Hose - Engine to Pipe	TOYOTA HiLux LN 65 4 Cyl 2.4 Litre (2L) Diesel W/P.S. 11/83 - 8/88, TOYOTA HiLux LN60 -61 -65 L (Diesel) Eng W/P.S. 1984 - 1989
CH1942	Bottom Hose - Radiator to Pipe	TOYOTA HiLux LN 65 4 Cyl 2.4 Litre (2L) Diesel W/P.S. 11/83 - 8/88, TOYOTA HiLux LN60 -61 -65 L (Diesel) Eng W/P.S. 1984 - 1989
CH1944	Top Hose	FORD Falcon / Fairlane EF-EL NF -NL LTD DF -DL 4.0 Litre (6Cyl) 1994 - 1998, FORD Falcon / Fairlane XH Ute - Van 4.0 Litre (6Cyl) XR6 Ute & 3/4 tonne 1996 - 1999
CH1945	Bottom Hose	FORD Falcon / Fairlane EF-EL NF -NL LTD DF -DL 4.0 Litre (6Cyl) 1994 - 1998, FORD Falcon / Fairlane XH Ute - Van 4.0 Litre (6Cyl) 1996 - 1999
CH1946	Heater Hose	FORD Falcon / Fairlane EF-EL NF -NL LTD DF -DL 4.0 Litre (6Cyl) with end fitting 1994 - 1998, FORD Falcon / Fairlane XH Ute - Van 4.0 Litre (6Cyl) to pipe return XR6 Ute & 3/4 tonne 1996 - 1999, FORD Falcon / Fairlane AU 4.0 Litre (6Cyl) with end fitting 9/98 - 2002
CH1947	Heater Hose	FORD Telstar AX - AY 2.0 litre (4Cyl) FS (DOHC) Engine to Heater 1991 - 1996
CH1947	Heater Hose Engine to Heater	MAZDA 626 GD, GV 2.0 Litre FS (DOHC) 1992 - 1997
CH1948	Heater Hose	FORD Telstar AX - AY 2.5 litre V6 Engine to Heater 1991 - 1996, MAZDA 626 MX6 GE 2.5 Litre KL V6 Eng to Heater 1991 - 1997
CH1949	Heater Hose	MAZDA 626 MX6 GE 2.5 Litre KL V6 Heater to Eng 1991 - 1997, FORD Telstar AX - AY 2.5 litre V6 Heater to Engine 1991 - 1996
CH1950	Heater Hose	FORD Festiva WA - WB 1.3 Litre 1991 - 1996
CH1951	Heater Hose	FORD Festiva WA - WB 1.3 Litre 1991 - 1996
CH1952	Top Hose	MAZDA 626 MX6 GE 2.5 Litre KL V6 1991 - 1997, FORD Telstar AX - AY 2.5 litre V6 1991 - 1996
CH1953	Bottom Hose	MAZDA 626 MX6 GE 2.5 Litre KL V6 Rad to Tee Piece 1991 - 1997
CH1953	ByPass Hose	FORD Telstar AX - AY 2.5 litre V6 Lower 1991 - 1996
CH1954	Heater Hose	FORD Laser KC - KE - Turbo 4WD Heater to Engine 10/87-89 KC, KE 1.6 litre 4WD Turbo 1985 - 1990
CH1955	Heater Hose	FORD Capri II Convertible 1.6 Litre SOHC 1989 - 1990, FORD Capri II Convertible 1.6 litre DOHC Less Turbo 1989 - 1994
CH1956	Top Hose	FORD Capri II Convertible 1.6 litre DOHC 2/91 - 1992
CH1957	Heater Hose	MAZDA MX6 2.2 Litre - Heater to Eng 1987 - 1991, MAZDA 626 GD, GV 2.2 Litre F2 Heater to Eng 1987 - 1991, FORD Telstar AT - AV 2.2 Litre (F2) Heater to Engine 12/89 - 1992
CH1958	Bottom Hose	MAZDA 626 MX6 GE 2.5 Litre KL V6 Tee to Eng 1991 - 1997, FORD Telstar AX - AY 2.5 litre V6 1991 - 1996
CH1959	Heater Hose	FORD Telstar AX - AY 2.0 litre (4Cyl) FS (DOHC) Heater to Engine 1991 - 1996
CH1959	Heater Hose Heater to Engine	MAZDA 626 GD, GV 2.0 Litre FS (DOHC) 1992 - 1997
CH1961	Heater Hose	FORD Telstar AT - AV 2.2 Litre (F2) Engine to Heater 1987 - 1/90, MAZDA MX6 2.2 Litre - Eng to Heater 1987 - 1991, MAZDA 626 GD, GV 2.2 Litre F2 Eng to Heater 1987 - 1991
CH1962	Heater Hose	FORD Capri II Convertible 1.6 litre DOHC With Turbo -
CH1963	Heater Hose	FORD Falcon / Fairlane EF-EL NF -NL LTD DF -DL 4.0 Litre (6Cyl) less end fitting 1994 - 1998, FORD Falcon / Fairlane AU 4.0 Litre (6Cyl) less end fitting 9/98 - 2002
CH1964	Heater Hose	HOLDEN Commodore Statesman VL 3.0 Litre (E.F.I) Thermostat to Heater Inlet pipe 1986 - 1988
CH1964	Turbo Hose	HOLDEN Commodore Statesman VL 3.0 Litre (E.F.I) Turbo 3 way Pipe to Engine 1986 - 1988
CH1965	Heater Hose	FORD Laser KF - KH No1 less end fitting 1.8 litre 1990 - 1994, MAZDA 323 Astina BG10 No1 less end fitting 1.8 litre 1989 - 1996
CH1966	Heater Hose	FORD Laser KF - KH No2 less end fitting 1.8 litre 1990 - 1994, MAZDA 323 Astina BG10 No2 less end fitting 1.8 litre 1989 - 1996
CH1967	Heater Hose	FORD Laser KF - KH 4x2 less end fitting 1990 - 1994, MAZDA 323 Astina BG10 4x2 less end fitting 1989 - 1996
CH1968	Heater Hose	FORD Laser KF - KH less end fitting 1.6 litre L & GL 1990 - 1994, MAZDA 323 Astina BG10 less end fitting 1.6 litre L & GL 1989 - 1996
CH1969	Heater hose	FORD Laser KF - KH 4x4 less end fitting 1990 - 1994, MAZDA 323 Astina BG10 4x4 less end fitting 1989 - 1996
CH1970	Heater Hose	HOLDEN APOLLO JK:JL 2.0 Litre Inlet to Valve less EFI (Moulded) 1989 - 2/93
CH1970	Heater Hose Inlet to Valve	TOYOTA Camry SV21 - SV22 2.0 Litre less EFI 7/89 - 2/93
CH1971	Heater Hose	HOLDEN APOLLO JK:JL 2.0 Litre Inlet to Valve with EFI (Straight) 1989 - 2/93
CH1971	Heater Hose Inlet to Valve	TOYOTA Camry SV21 - SV22 2.0 Litre with EFI 7/89 - 2/93
CH1972	Heater Hose	HOLDEN APOLLO JK:JL 2.0 Litre Inlet Type E 1989 - 2/93
CH1972	Heater Hose Inlet Type E	TOYOTA Camry SV21 - SV22 2.0 Litre 7/89 - 2/93
CH1973	Heater Hose	HOLDEN APOLLO JM V6 Inlet to Valve 2/93 - 1995, HOLDEN APOLLO JP V6 Inlet to Valve 9/95 - 1997
CH1973	Heater Hose Inlet to Valve	TOYOTA Camry VDV10 3.0 Litre 2/93 -
CH1974	Heater Hose	HOLDEN APOLLO JM V6 Outlet 2/93 - 1995, HOLDEN APOLLO JP V6 Outlet 9/95 - 1997
CH1974	Heater Hose Outlet	TOYOTA Camry VDV10 3.0 Litre 2/93 -
CH1975	Heater Hose	HOLDEN APOLLO JP 4 cyl. Outlet 9/95 - 1997, HOLDEN APOLLO JM 4 cyl. Outlet 2/93 - 1995
CH1975	Heater Hose Outlet	TOYOTA Camry SXV10 2.2 Litre 1995 - , TOYOTA Camry SDV10 4 cyl. 2/93 - 1995
CH1976	Heater Hose	HOLDEN APOLLO JM V6 Tap To Heater hose only 2/93 - 1995, HOLDEN APOLLO JP 4 cyl. Tap To Heater hose only 9/95 - 1997, HOLDEN APOLLO JM 4 cyl. Tap To Heater hose only 2/93 - 1995, HOLDEN APOLLO JP V6 Tap To Heater hose only 9/95 - 1997



Part No	Location	Application
CH1976	Heater Hose Tap To Heater hose only	TOYOTA Camry SXV10 2.2 Litre 1995 - , TOYOTA Camry VDV10 3.0 Litre 2/93 - , TOYOTA Camry SXV20R 2.2 Litre 5SFE 7/97 - 1999, TOYOTA Camry SDV10 4 cyl. 2/93 - 1995
CH1977	Heater Hose	HOLDEN Commodore Statesman VL 3.0 Litre (E.F.I) Heater 2 required 1986 - 1988
CH1978	Heater Hose	HOLDEN APOLLO JP 4 cyl. Tap To Heater hose only 9/95 - 1997, HOLDEN APOLLO JM 4 cyl. Inlet to Valve 2/93 - 1995
CH1978	Heater Hose Inlet to Valve	TOYOTA Camry SDV10 4 cyl. 2/93 - 1995, TOYOTA Camry SXV10 2.2 Litre 1995 -
CH1979	Top Hose	HOLDEN Commodore Statesman VS - VQ series II 3.8 Litre V6 1995 - 1997, TOYOTA Lexcen VP -VR 3.8 Litre V6 1995 -
CH1980	Bottom Hose	HOLDEN Commodore Statesman VS - VQ series II 3.8 Litre V6 1995 - 1997
CH1981	Top Hose	MITSUBISHI Triton ME, MF, MG, MH, MJ 2.6 L Petrol 4G54 4WD 1991 - 1996
CH1982	Top Hose	MITSUBISHI Triton ME, MF, MG, MH, MJ 2.5 Litre Diesel 4D56 & 4D56T 1986 - 1997
CH1983	Top Hose	MITSUBISHI Triton ME, MF, MG, MH, MJ 3.0 Litre V6 6G72 6/90 - 1994
CH1984	Bottom Hose	MITSUBISHI Triton ME, MF, MG, MH, MJ 3.0 Litre V6 6G72 6/90 - 1994
CH1985	Top Hose	MITSUBISHI PAJERO NG 2.5 Litre Turbo/Diesel 1988 - 1991
CH1986	Bottom Hose	MITSUBISHI PAJERO NG 2.5 Litre Turbo/Diesel 1988 - 1991
CH1987	Top Hose	MITSUBISHI PAJERO NH-NJ 2.5 Litre Turbo/ Diesel 1991 - 1994
CH1988	Bottom Hose	MITSUBISHI PAJERO NH-NJ 2.5 Litre Turbo/ Diesel 1991 - 1994
CH1989	Top Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS17 2.6 Litre EFI 4ZEF1 (Petrol) 1987 - 1992
CH1990	Bottom Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS17 2.6 Litre EFI 4ZEF1 (Petrol) 1987 - 1992
CH1991	Top Hose	HOLDEN RODEO TF 2.8 Litre 4JB1T (Diesel) 5/90 - 2003, HOLDEN RODEO TF 2.5 Litre (4JA1 Diesel) 5/90 - 12/92
CH1992	Bottom Hose	HOLDEN RODEO TF 2.8 Litre 4JB1T (Diesel) 5/90 - 2003, HOLDEN RODEO TF 2.6 Litre (Petrol) 4ZEI to 1992 7/88 - 1998, HOLDEN RODEO TF 2.5 Litre (4JA1 Diesel) 5/90 - 12/92
CH1993	Top Hose	HOLDEN RODEO TF 2.3 (Petrol) 4ZD 1988 - 1996, HOLDEN RODEO TF 2.6 Litre (Petrol) 4ZEI With Carby 7/88 - 1998
CH1994	Bottom Hose	HOLDEN RODEO TF 2.3 (Petrol) 4ZD 1988 - 1996, HOLDEN RODEO TF 2.6 Litre (Petrol) 4ZEI 1993-98 7/88 - 1998
CH1995	Top Hose	HOLDEN RODEO TF 2.6 Litre (Petrol) 4ZEI With EFI 7/88 - 1998
CH1996	Bottom Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS69 3.1 Litre 4JG2T (Turbo Diesel) 1992 - 1998, HOLDEN RODEO TF 3.0 Litre (4JH1) Turbo Diesel 01/02 - 02/03
CH1997	Top Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS69 3.1 Litre 4JG2T (Turbo Diesel) 1992 - 1998
CH1998	Top Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS25 3.2 Litre 6VD1 V6 (Petrol) 4/92 - 2/98
CH1999	Bottom Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS25 3.2 Litre 6VD1 V6 (Petrol) 4/92 - 2/98
CH2000	Top Hose	TOYOTA LANDCRUISER BUNDERRA LJ70RV Diesel 11/84 - 1990
CH2001	Top Hose	TOYOTA LANDCRUISER 80 Series 4.2 litre 1HD-T (Turbo )Diesel 1990 - 1998, TOYOTA LANDCRUISER HZJ 80 4.2 Litre 1 HZ Diesel 1990 - 1998, TOYOTA LANDCRUISER HZJ105R 4.2 Litre Diesel 1/98 - , TOYOTA LANDCRUISER 80 Series 4.2 litre 1HD-FT (Turbo 24 Valve) Diesel 1990 - 1996, TOYOTA LANDCRUISER HDJ100R 4.2 Litre Turbo Diesel 2000 - 2002
CH2002	Top Hose	TOYOTA HiAce LH 11 -20 -30 - LH 51 -61 -71 2.8 Litre Diesel & 2.4 Litre Diesel 1984 - 8/89
CH2003	Bottom Hose	TOYOTA HiLux RN85,90, 105, 106, 110,130 2.4 Litre (22R) Manual transmission 8/91-94 1988 - 1998
CH2003	Bottom Manual transmission 8/91-94	TOYOTA 4 Runner 2.4 Litre 22R 1989 - 1996
CH2004	Top Hose	TOYOTA HiAce YH 51 -61 -71 2.0 Litre 1984 - 1989, TOYOTA HiAce YH 51 -61 -71 2.4 Litre Petrol 1984 - 1989, TOYOTA HiAce YH11 - 20 - 30 2.4 Litre Petrol to 8/89 1984 - 1994
CH2005	Top Hose	TOYOTA Town Ace/Spacia 2.0 & 2.2 Litre 1992 - 1997
CH2006	Bottom	TOYOTA HiLux LN85 2.4 Litre (2L)Diesel With-Out P/Steering 8/88-8/94 1990 - 1992
CH2006	Bottom Hose	TOYOTA 4 Runner 2.8 Litre 3L Diesel 1988 - 1994, TOYOTA HiLux LN86 -106 2.8 Litre (3L)Diesel With-Out P/Steering 8/88-8/94 1988 - 8/97, TOYOTA HiLux LN107R 2.8 Litre (3L)Diesel With-Out P/Steering 8/88-8/94 1991 - 11/97
CH2007	Top Hose	TOYOTA LANDCRUISER FZJ80 4.5 Litre 1FZ-FE 11/92 - 02/98
CH2008	Top Hose	TOYOTA HiAce YH11 - 20 - 30 2.4 Litre Petrol 8/89-94 1984 - 1994, TOYOTA HiAce RZH 113R 2.4 Litre OHC carby & EFI 1990 - 2000, TOYOTA HiAce RZH 103 - RZH125R 2.4 Litre OHC Carby & EFI 1990 -
CH2009	Bottom Automatic transmission 8/91 on	TOYOTA 4 Runner 2.4 Litre 22R 1989 - 1996
CH2009	Bottom Hose	TOYOTA HiLux RN85,90, 105, 106, 110,130 2.4 Litre (22R) Automatic transmission 1988 - 1998
CH2010	Bottom Hose	TOYOTA 4 Runner 2.8 Litre 3L Diesel Pipe to Engine with P/ Steering 1988 - 1994, TOYOTA HiLux LN86 -106 2.8 Litre (3L)Diesel Pipe to Engine No 2 W/PS 1988 - 8/97, TOYOTA HiLux LN130N 2L-TE Surf -Pipe to Engine 1992 - , TOYOTA HiLux LN107R 2.8 Litre (3L)Diesel Pipe to Engine No 2 W/PS 1991 - 11/97, TOYOTA HiLux LN85 2.4 Litre (2L)Diesel Pipe to Engine No2 W/PS 1990 - 1992
CH2011	Bottom Hose	TOYOTA 4 Runner 2.8 Litre 3L Diesel Radiator to Pipe with P/ Steering 1988 - 1994, TOYOTA HiLux LN107R 2.8 Litre (3L)Diesel Radiator To Pipe No1 W/PS 1991 - 11/97, TOYOTA HiLux LN130N 2L-TE Surf -Radiator to Pipe 1992 - , TOYOTA HiLux LN85 2.4 Litre (2L)Diesel Radiator To Pipe No1 W/PS 1990 - 1992, TOYOTA HiLux LN86 -106 2.8 Litre (3L)Diesel Radiator To Pipe No1 W/PS 1988 - 8/97
CH2012	Bottom Automatic transmission to 8/91	TOYOTA 4 Runner 2.4 Litre 22R 1989 - 1996
CH2012	Bottom Hose	TOYOTA HiLux RN85,90, 105, 106, 110,130 2.4 Litre (22R) Automatic transmission 1988 - 1998



Part No	Location	Application
CH2013	Top Hose	TOYOTA LANDCRUISER FZJ75 4.5 Litre DOHC 1FZ-FE Petrol 1992 - 1996
CH2014	Top Hose	TOYOTA 4 Runner 2.8 Litre 3L Diesel 1988 - 1994, TOYOTA HiLux LN107R 2.8 Litre (3L) Diesel 1991 - 11/97, TOYOTA HiLux LN86 -106 2.8 Litre (3L) Diesel 1988 - 8/97, TOYOTA HiLux LN85 2.4 Litre (2L) Diesel 1990 - 1992
CH2015	Top Hose	TOYOTA HiLux RN85,90, 105, 106, 110,130 2.4 Litre (22R) 8/88-94 1988 - 1998
CH2015	Top Hose W/Cab	TOYOTA 4 Runner 2.4 Litre 22R 1989 - 1996
CH2016	ByPass Hose	TOYOTA Corolla KE30 -35 1.2 Litre; 3K - C 1974-8/77 1974 - 1978
CH2016	Heater Hose	TOYOTA Corolla AE90-92-93-94 1.4, 6AFC, 1.6 Litre 4AFC, 4AFE Inlet Engine to Tap 1987 - 1994, HOLDEN NOVA LE:LF 1.4, 6AFC, 1.6 Litre 4AFC, 4AFE Inlet Engine to Tap 1987 - 1994
CH2017	Top Hose - Pipe to Engine	TOYOTA Tarago TCR 10 -11 -20 -21 2.4 Litre 2TZFE 2/92 on 1990 - 2000
CH2018	Bottom Hose	TOYOTA HiAce YH11 - 20 - 30 2.4 Litre Petrol to 8/89 Pipe to Eng 1984 - 1994
CH2018	Bottom Hose Pipe to Block	TOYOTA HiAce YH 51 -61 -71 2.0 Litre 1984 - 1989, TOYOTA HiAce YH 51 -61 -71 2.4 Litre Petrol 1984 - 1989
CH2018	Bottom pipe to Block	TOYOTA HiAce LH 11 -20 -30 - LH 51 -61 -71 2.8 Litre Diesel & 2.4 Litre Diesel 1984 - 8/89
CH2019	Bottom Hose	TOYOTA LANDCRUISER FJ70 (RJ70) Series Bunderra 2.4 L 4Cyl 22R Eng to 11/84 1985 - 1991
CH2020	Bottom Hose - Pipe to Eng	TOYOTA Tarago TCR 10 -11 -20 -21 2.4 Litre 2TZFE 2/92-ON 1990 - 1997
CH2021	Bottom Radiator to pipe	TOYOTA HiAce LH 11 -20 -30 - LH 51 -61 -71 2.8 Litre Diesel & 2.4 Litre Diesel 1984 - 8/89
CH2022	Bottom Hose - Radiator to Pipe	TOYOTA Tarago TCR 10 -11 -20 -21 2.4 Litre 2TZFE to 2/92 1990 - 1997
CH2023	Bottom Hose	TOYOTA LANDCRUISER FZJ75 4.5 Litre DOHC 1FZ-FE Petrol 1992 - 1996, TOYOTA LANDCRUISER FZJ78-79 4.5 Litre DOHC 1FZ-FE Petrol 8/99 -
CH2024	Top Hose	HOLDEN NOVA LG 1.6 , 1.8 Litre 1.6 litre 1994 - 1996, TOYOTA Corolla AE101R 1.6 Litre (4A-FE) 1994 - 1998
CH2025	Bottom Hose	TOYOTA LANDCRUISER FZJ80 4.5 Litre 1FZ-FE Pipe to Engine 11/92 - 02/98
CH2026	Top Hose	HOLDEN NOVA LG 1.6 , 1.8 Litre 1.8 litre 1994 - 1996, TOYOTA Corolla AE94 - Sprint 1992 - , TOYOTA Corolla AE102 1.8 Litre (7AFE Eng) 1994 - 1997
CH2027	Bottom Hose	TOYOTA HiAce YH11 - 20 - 30 2.4 Litre Petrol 8/89-94 1984 - 1994, TOYOTA HiAce RZH 103 - RZH125R 2.4 Litre OHC to 08/98 Carby 1990 -
CH2028	Bottom Hose - Radiator to Pipe	TOYOTA Tarago TCR 10 -11 -20 -21 2.4 Litre 2TZFE 2/92-ON 1990 - 1997
CH2029	Bottom Hose	TOYOTA LANDCRUISER BUNDERRA LJ70RV Diesel 11/84 - 1990
CH2030	Bottom Hose - Pipe to Eng	TOYOTA LANDCRUISER FJ70 - FJ73 - FJ75 series Troop Carrier 4.0 Litre 3F Petrol Auto Trans 1985 - 1991
CH2031	Bottom Hose	TOYOTA LANDCRUISER HZJ 80 4.2 Litre 1 HZ Diesel 1990 - 1998, TOYOTA LANDCRUISER 80 Series 4.2 litre 1HD-FT (Turbo 24 Valve) Diesel 1990 - 1996, TOYOTA LANDCRUISER 80 Series 4.2 litre 1HD-T (Turbo) Diesel 1990 - 1998
CH2032	Bottom Hose - Pipe to Eng	TOYOTA Tarago TCR 10 -11 -20 -21 2.4 Litre 2TZFE to 2/92 1990 - 1997
CH2033	Bottom Hose	TOYOTA HiAce LH 11 -20 -30 - LH 51 -61 -71 2.8 Litre Diesel & 2.4 Litre Diesel 1984 - 8/89, TOYOTA HiAce LH113 2.8 Litre Diesel 3L 1996 - 2004, TOYOTA HiAce LH125R 2.8 Litre Diesel 3L 1989 - 2004
CH2034	Bottom Hose	TOYOTA HiAce YH11 - 20 - 30 2.4 Litre Petrol to 8/89 Radiator to Pipe 1984 - 1994, TOYOTA HiAce YH 51 -61 -71 2.4 Litre Petrol Radiator to pipe 1984 - 1989
CH2034	Bottom Hose Radiator to pipe	TOYOTA HiAce YH 51 -61 -71 2.0 Litre 1984 - 1989
CH2035	Bottom Hose	HOLDEN NOVA LG 1.6 , 1.8 Litre 1.8 litre 1994 - 1996, TOYOTA Corolla AE102 1.8 Litre (7AFE Eng) 1994 - 1997, TOYOTA Corolla AE94 - Sprint 1992 -
CH2036	Top Hose - Pipe to Engine	TOYOTA Tarago TCR 10 -11 -20 -21 2.4 Litre 2TZFE to 2/92 1990 - 2000
CH2037	Top Hose - Radiator to Pipe	TOYOTA Tarago TCR 10 -11 -20 -21 2.4 Litre 2TZFE to 2/92 1990 - 2000
CH2038	Bottom Hose	TOYOTA LANDCRUISER FZJ80 4.5 Litre 1FZ-FE Radiator to Pipe 11/92 - 02/98
CH2039	Bottom Hose	HOLDEN NOVA LG 1.6 , 1.8 Litre 1.6 litre 1994 - 1996, TOYOTA Corolla AE101R 1.6 Litre (4A-FE) 1994 - 1998
CH2040	Heater Hose	HOLDEN Commodore Statesman VS - VQ series II 3.8 Litre V6 Water Valve to Engine Inlet 1995 - 1997
CH2041	Heater Hose	HOLDEN Commodore Statesman VS - VQ series II 3.8 Litre V6 Water Valve to Engine Outlet 1995 - 1997
CH2042	Heater Hose	HOLDEN Commodore Statesman VS - VQ series II 3.8 Litre V6 Heater to Water Valve 2 Hoses required per vehicle some models require 3 Hoses 1995 - 1997
CH2043	Top Hose	TOYOTA RAV4 SXA10R 2.0 Litre 3SFE 1994 - 6/00
CH2044	Bottom Hose	TOYOTA RAV4 SXA10R 2.0 Litre 3SFE 1994 - 6/00
CH2045	Heater Hose	TOYOTA RAV4 SXA10R 2.0 Litre 3SFE 1994 - 6/00
CH2046	Heater Hose	TOYOTA RAV4 SXA10R 2.0 Litre 3SFE 1994 - 6/00
CH2047	Top Hose	NISSAN Micra K11 1.3 Litre 1995 - 1997
CH2048	Bottom Hose	NISSAN Micra K11 1.3 Litre 1995 - 1997
CH2049	Top Hose	DAEWOO Espero 2.0 Litre 1995 - 1997
CH2050	Bottom Hose	DAEWOO Espero 2.0 Litre 1995 - 1997
CH2051	Top Hose	DAEWOO 1.5i 1.5 litre (GM15F) 1994 - 10/95

Part No	Location	Application
CH2052	Bottom Hose	DAEWOO 1.5i 1.5 litre (GM15F) 1994 - 10/95
CH2053	Top Hose	PROTON Wira, Persona 1.5 Litre (4G15P) 1995 - 1999
CH2058	Top Hose	NISSAN Navara D21 2.4 Litre Z24 2 WD 1985 - 3/92, NISSAN PATHFINDER 2.4 Litre 4cyl (Z24) 1987 - 1992
CH2059	Bottom Hose	NISSAN Navara D21 2.4 Litre Z24 2WD - Radiator to Pipe W/P.S 1985 - 3/92
CH2059	Bottom Hose - Radiator to Pipe W/P.S	NISSAN Navara D22 2.4 Litre KA24E 4 WD 4/97 - 1999
CH2059	Bottom Radiator to Pipe	NISSAN PATHFINDER 2.4 Litre 4cyl (Z24) 1987 - 1992
CH2060	Top Hose	NISSAN Navara D21 3.0 Litre V6 VG30E 1992 - 1997, NISSAN PATHFINDER 3.0 Litre V6 (VG30) 1992 - 1997
CH2061	Top Hose	NISSAN Navara D22 2.4 Litre KA24E 4 WD 4/97 - 1999
CH2062	Bottom Hose	NISSAN Navara D21 2.4 Litre Z24 Pipe to Engine 1985 - 3/92
CH2062	Bottom Pipe to Engine	NISSAN PATHFINDER 2.4 Litre 4cyl (Z24) 1987 - 1992
CH2063	Top Hose	FORD Mondeo 2.0 Litre 1995 - 1999
CH2065	Bottom Hose	NISSAN Navara D21 2.7 Litre Diesel 4 WD 10/87-3/92 1987 - 1996
CH2066	Bottom Hose	NISSAN Navara D22 2.4 Litre KA24E 4 WD 4/97 - 1999, NISSAN Navara D21 2.4 Litre Z24 2 WD W/O PS 1985 - 3/92, NISSAN PATHFINDER 2.4 Litre 4cyl (Z24) 1987 - 1992, NISSAN Navara D21 2.0 Litre 4 Cyl (Z20) 1985 - 1987
CH2067	Top Hose	NISSAN Navara D21 2.0 Litre 4 Cyl (Z20) 1985 - 1987, NISSAN Navara CD21 1.6 Litre (Z16 4 cyl SOHC) NZ & Export 1985 - 1988
CH2068	Top Hose	SUZUKI Baleno 1590cc 1995 - 1999
CH2069	Bottom Hose	SUZUKI Baleno 1590cc 1995 - 1999
CH2070	Top Hose	SUZUKI Swift SF 993cc G10A 1988 - 1994
CH2071	Top Hose	SUZUKI Swift SF 1.6 Litre G16B 1989 - 1991
CH2071	Top Hose GTI only	SUZUKI Swift SF 1.3 Litre G13B 1989 - 1994
CH2072	Top Hose	DAIHATSU Charade G202 993cc 6/93 -
CH2073	Bottom Hose	NISSAN Navara D21 2.7 Litre Diesel 4 WD2/93-ON 1987 - 1996
CH2074	Bottom Hose Radiator to Intake Pipe Type 2 Auto	SUZUKI Swift SF 1.3 Litre G13B 1989 - 1994
CH2075	Bottom Hose	NISSAN Navara D21 2.7 Litre Diesel 2 WD 3/92 to 8/93 1987 - 1996
CH2076	Top Hose	HONDA CIVIC AL 1500 (EW) 1984 - 1987
CH2077	Bottom Hose	HONDA CONCERTO 1.6 Litre Man Trans 1989 - 1991, HONDA CIVIC ED 1500 1988 - 1991, HONDA CRX 1590cc B16A 1988 - 1991, HONDA CIVIC 1.3 Litre EF1 1.3 Litre D13B NZ & Export 1987 - 1991, HONDA CIVIC EF3 1.6 Litre ZC DOHC NZ & Export 1987 - 1989
CH2078	Top Hose	HONDA CIVIC ED 1500 1988 - 1991, HONDA CONCERTO 1.6 Litre 1989 - 1991, HONDA CIVIC 1.3 Litre EF1 1.3 Litre D13B NZ & Export 1987 - 1991
CH2079	Top Hose	HONDA INTEGRA 1.6L (D16A) 1986 - 1988
CH2080	Bottom Hose	SEAT Cordoba 1.8 Litre Man. trans.; less a/con 1995 -
CH2081	Top Hose	SEAT Ibiza 1.4 Litre less GTI 1995 -
CH2082	Top Hose	SEAT Ibiza GTI 2.0 Litre 1995 -, SEAT Cordoba 1.8 Litre with a/con 1995 -
CH2083	Top Hose	HONDA LEGEND 2.5 & 2.7 Litre 1986 - 1991
CH2084	Bottom Hose	HONDA CIVIC AL 1500 (EW) Auto Trans 1984 - 1987
CH2085	Bottom Hose	HONDA CIVIC AL 1500 (EW) Manual Trans 1984 - 1987
CH2086	Bottom Hose	HONDA LEGEND 2.5 & 2.7 Litre 1986 - 1991
CH2087	Top Hose	HONDA CRX 1590cc B16A 1988 - 1991, HONDA CIVIC EF3 1.6 Litre ZC DOHC NZ & Export 1987 - 1989
CH2088	Bottom Hose	HONDA ACCORD 1.8 Litre (ET,EU) 1984 - 1985
CH2089	Bottom Hose	HONDA PRELUDE 1.9 Litre 1983 - 1985
CH2090	Bottom Hose	DAIHATSU Charade G200 6/93 -, DAHATSU Charade G203 1.5 litre 7/93 -
CH2091	Top Hose	DAIHATSU Charade G102 1.3 litre HCE 4/89 - 1/93
CH2092	Bottom Hose	SEAT Cordoba 1.8 Litre Auto trans 1995 -
CH2093	Bottom Hose	SEAT Toledo 2.0 Litre less a/con -
CH2094	Bottom Hose	SEAT Cordoba 1.8 Litre with a/con; Man. trans. 1995 -, SEAT Ibiza GTI 2.0 Litre 1995 -
CH2095	Top Hose	SEAT Cordoba 1.8 Litre Man. trans 1995 -
CH2096	Top Hose	DAIHATSU Charade G200 3/93 -, DAHATSU Charade G203 1.5 litre 7/93 -
CH2097	Bottom Hose	SEAT Ibiza 1.4 Litre less GTI 1995 -
CH2098	Top Hose	SEAT Cordoba 1.8 Litre Auto trans 1995 -
CH2099	Bottom Hose	DAIHATSU Charade G100 993cc Man Trans 1987 - 1993
CH2100	Bottom Hose	DAIHATSU Charade G100 993cc Auto Trans 1987 - 1993
CH2101	Bottom Hose	DAIHATSU Charade G202 993cc 6/93 -
CH2102	Top Hose	DAIHATSU Charade G100 993cc 1987 - 1993
CH2103	Bottom Hose	HONDA INTEGRA 1.6L (D16A) 1986 - 1988

Part No	Location	Application
CH2104	ByPass Hose	FORD Telstar AR - AS 2.0 Litre Pipe 1 to Carburettor 1983 - 1/86, MAZDA 626 GC 2.0 Litre FE 1983 - 1987
CH2106	Air Cleaner Vent Hose	MAZDA 626 GC 2.0 Litre FE 1983 - 1987
CH2106	Vent Hose	FORD Telstar AR - AS 2.0 Litre Air Cleaner less turbo 1983 - 1987
CH2107	Top Hose	HONDA ACCORD 1.8 Litre (ET,EU) 1984 - 1985
CH2108	Bottom Hose	SEAT Toledo 2.0 Litre with a/con -
CH2109	Heater Hose	FORD Falcon / Fairlane EA.EB - NA - LTD DA 3.2 & 3.9 litre EA/NA/DA only Thermostat to Coolant Recovery Tank 1988 - 6/91
CH2110	Bottom Hose	DAIHATSU Charade G200 3/93 - 6/93
CH2111	Bottom Hose	DAIHATSU Charade G11 Auto Trans 1983 - 1/85
CH2112	Bottom Hose	DAIHATSU Charade G11 1/85 - 1990
CH2113	Bottom Hose	DAIHATSU Charade G10 993cc 3 cyl. Man Trans 9/81 - 1983
CH2114	Top Hose	DAIHATSU Charade G11 Less Turbo 1983 - 1/85
CH2115	Top Hose	DAIHATSU Charade G11 Turbo 1/85 - 1990
CH2116	Top Hose	DAIHATSU Charade G11 Turbo 1983 - 1/85
CH2117	Bottom Hose	DAIHATSU Charade G11 Man Trans 1983 - 1/85
CH2118	Bottom Hose	DAIHATSU Charade G10 993cc 3 cyl. Auto Trans 1980 - 9/81
CH2119	Top Hose	DAIHATSU Charade G11 Less Turbo 1/85 - 1990
CH2120	ByPass Hose	NISSAN Bluebird 910 (Series 1) 2.0 Litre carby 1981 - 1983, NISSAN Bluebird 910 (Series 2) 2.0 Litre Carby 6/83 - 1985
CH2121	ByPass Hose	NISSAN Bluebird 910 (Series 1) 2.0 Litre suit 2 Hole Thermostat 1981 - 1983, NISSAN Bluebird 910 (Series 2) 2.0 Litre suit 2 Hole Thermostat 6/83 - 1985
CH2122	Top Hose	HONDA CIVIC EG 1600 (D16A) 1992 - 1993, HONDA CIVIC EG 1500 (D15B4) 1992 - 1993, HONDA Domani MA4/MA6 (4WD) 1.6 Litre ZC NZ & Export 1992 - 1996, HONDA CIVIC EG 1500 (D15B7) 1993 - 1995
CH2123	Bottom Hose	HONDA CIVIC EG 1600 (D16A) 1991 - 1995, HONDA CIVIC EG 1500 (D15B4) 1992 - 1993
CH2124	Top Hose	HONDA ACCORD CB3 2.0 Litre F20A5 NZ & Export 1989 - 1992, HONDA Ascot CB4 4WS 2.0 Litre F20A DOHC NZ & Export 1990 - 1995, HONDA Ascot CB3 2.0 Litre F20A NZ & Export 1989 - 1995, HONDA Ascot CB1 1.8 Litre F18A NZ & Export 1989 - 1995, HONDA ACCORD CB 1.8 litre F18A NZ & Export 1990 - 1994, HONDA ACCORD CB 2.2Litre (F22A) 1989 - 1994
CH2125	Top Hose	HONDA CIVIC EG 1600 (D16A) 1994 - 1995, HONDA CIVIC EG 1500 (D15B4) 1994 - 1995
CH2126	Top Hose	HONDA ACCORD 2.0 (B20A DOHC NZ & Export 1985 - 1989, HONDA ACCORD CA5 -CA6 A20A 1986 - 1991
CH2127	Bottom Hose	HONDA ACCORD EX A20A4 1987 - 1989, HONDA ACCORD 2.0 (B20A DOHC NZ & Export 1985 - 1989, HONDA ACCORD 1.8 Litre CA1 A18A NZ & Export 1985 - 1991
CH2128	Bottom Hose	HONDA ACCORD CA5 -CA6 A20A 1986 - 1991
CH2129	Bottom Hose	HONDA Domani MA4/MA6 (4WD) 1.6 Litre ZC NZ & Export 1992 - 1996, HONDA CIVIC EG 1500 (D15B7) 1993 - 1995
CH2130	Bottom Hose	HONDA LEGEND 3.2 L (C32A3) 4/91 - 1992
CH2131	Bottom Hose	HONDA LEGEND 3.2 L (C32A3) 1993 - 1995, HONDA LEGEND KA 3.5 Litre C35A3 05/96 - 2003
CH2132	Top Hose	HONDA LEGEND 3.2 L (C32A3) 1991 - 1995, HONDA LEGEND KA 3.5 Litre C35A3 05/96 - 2003
CH2133	Bottom Hose Radiator to outlet pipe	SUZUKI Vitara JU -JX -JLX 1.6 Litre Carbrettor 1988 - 1995
CH2134	Top Hose	SUZUKI Vitara JU -JX -JLX 1.6 Litre Carbrettor from VIN JSAET001V0015779 1988 - 1995
CH2135	Bottom Hose	SUZUKI Vitara 1.6 Litre E.F.I 3 Door Model 1996 - , SUZUKI Vitara JU -JX -JLX 1.6 Litre Carbrettor 1988 - 1995
CH2136	Bottom Hose	SUZUKI Vitara JU -JX -JLX 1.6 Litre E.F.I 1988 - 1995, SUZUKI Vitara 1.6 Litre E.F.I 5 Door Model 1996 -
CH2137	Top Hose	SUZUKI Vitara JU -JX -JLX 1.6 Litre E.F.I 1988 - 1995, SUZUKI Vitara JU -JX -JLX 1.6 Litre Carbrettor 1988 - 1995, SUZUKI Vitara 1.6 Litre E.F.I 1996 -
CH2139	Bottom Hose	FORD Econovan 1.8 Litre (Petrol) 1991 - 2001, FORD Econovan 2.0 Litre (Petrol) 1991 - 2001, MAZDA E1800/2000 Petrol 1991 - 2001, FORD Courier 1991 2.0 litre (Petrol) 1991 - 1997
CH2140	Top Hose	FORD Falcon / Fairlane XH Ute - Van 4.0 Litre (6Cyl) All less XR6 Ute 1996 - 1999
CH2141	Top Hose	FORD Econovan 1.8 Litre (Petrol) 1991 - 2001, FORD Courier 1991 2.0 litre (Petrol) 1991 - 1997, FORD Econovan 2.0 Litre (Petrol) 1991 - 2001, MAZDA E1800/2000 Petrol 1991 - 2001
CH2142	Top Hose	HONDA PRELUDE 2.0 Litre (B20A) (1/90 to 12/91) 1988 - 1991
CH2143	Top Hose	HONDA PRELUDE 1.6 Litre (1602cc) 1983 - 1985, HONDA ACCORD 1.8 Litre CA1 A18A NZ & Export 1985 - 1991
CH2144	Heater Hose	MAZDA E1800/2000 Petrol 1991 - 2001, FORD Courier 1991 2.0 litre (Petrol) 1991 - 1997, FORD Econovan 2.0 Litre (Petrol) 1991 - 2001, MAZDA E1800/2000 Petrol 1991 - 2001
CH2145	Heater hose	MAZDA E1800/2000 Petrol 1991 - 2001, FORD Courier 1991 2.0 litre (Petrol) 1991 - 1997, FORD Econovan 2.0 Litre (Petrol) 1991 - 2001, MAZDA E1800/2000 Petrol 1991 - 2001
CH2146	Top Hose	TOYOTA 4 Runner VZN130 3.0 Litre PETROL 1990 - 1994, TOYOTA Hilux VZN130 3.0 Litre PETROL 1990 - 1994
CH2147	Bottom Hose	TOYOTA 4 Runner VZN130 3.0 Litre PETROL 1990 - 1994, TOYOTA Hilux VZN130 3.0 Litre PETROL 1990 - 1994
CH2148	ByPass Hose	HOLDEN Camira JD 1.6 litre -Inlet Manifold High Compression Engine (all aust. models) 1984 - 1987



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CH2149	Top Hose	CHRYSLER Neon 2.0 Litre 1996 -
CH2150	Bottom Hose	CHRYSLER Neon 2.0 Litre 1996 -
CH2151	Top Hose	TOYOTA LANDCRUISER BJ60, BJ61 3.4 Litre 3B.Engine 8/1981 - 1985
CH2152	Heater Hose	FORD Taurus (OHC) Outlet 1996 -
CH2153	Bottom Hose	FORD Falcon / Fairlane EF-EL NF -NL LTD DF -DL 5 litre V8 pipe to water pump 1994 - 1998
CH2153	Lower Hose	FORD Falcon / Fairlane XH 4.9 Litre V8 pipe to water pump 1996 - 1999
CH2154	Bottom Hose	FORD Falcon / Fairlane EF-EL NF -NL LTD DF -DL 5 litre V8 1994 - 1998, FORD Falcon / Fairlane XH 4.9 Litre V8 1996 - 1999
CH2155	Heater Heater	HOLDEN Commodore Statesman VR -VQ Series II 3.8 Litre V6 to Engine VQ with ABS 1994 - 1995
CH2155	Heater Hose	HOLDEN Commodore Statesman VP - VQ Series II 3.8 Litre V6 Heater to Engine VQ, VR with ABS 1991 - 1994, HOLDEN Commodore Statesman VR -VQ Series II 3.8 Litre V6 Heater to Engine VR 1994 - 1995
CH2156	Heater Hose	HOLDEN NOVA LG 1.6 , 1.8 Litre Valve To Heater 1994 - 1996
CH2156	Heater Hose Outlet to Engine	TOYOTA Corolla AE102 1.8 Litre (7AFE Eng) 1994 - 1997, TOYOTA Corolla AE101R 1.6 Litre (4A-FE) 1994 - 1998
CH2157	Heater Hose	HOLDEN NOVA LG 1.6 , 1.8 Litre Engine to Valve 1994 - 1996
CH2157	Heater Hose Inlet	TOYOTA Corolla AE101R 1.6 Litre (4A-FE) 1994 - 1998, TOYOTA Corolla AE102 1.8 Litre (7AFE Eng) 1994 - 1997
CH2158	Bottom Hose	TOYOTA LANDCRUISER BJ60, BJ61 3.4 Litre 3B.Engine 8/1981 - 1985
CH2159	Bottom Hose	LANDROVER 110 1984 - 1991
CH2160	Radiator Supply Hose	FORD Falcon / Fairlane XH Ute - Van 4.0 Litre (6Cyl) 1996 - 1999
CH2160	Recovery Tank to Radiator Hose	FORD Falcon / Fairlane EF-EL NF -NL LTD DF -DL 4.0 Litre (6Cyl) 1994 - 1998
CH2161	Bottom Hose	TOYOTA 4 Runner 2.2 Litre 4Y PETROL 1984 - 1990, TOYOTA HiLux YN 57 -60 -63 -65 -67 3Y & 4Y - , TOYOTA HiLux YN85 Grinner 1.8 litre (2Y) 1987 - 1997
CH2162	Top Hose	FORD Econovan 2.2 Litre 1992 -
CH2163	Bottom Hose	FORD Econovan 2.2 Litre 1992 -
CH2164	Top Hose	MAZDA B2600 Bravo 2.6 Litre G6 Eng 11/89 - 1996, FORD RADIER 2.6 Litre G6 Eng 11/89 - 1996, FORD Courier 1987 2.6 Litre G6 Eng 11/89 - 1996
CH2165	Fuel Tank Filler Hose	FORD Falcon / Fairlane EA.EB - NA - LTD DA 3.2 & 3.9 litre 1988 - 2/92
CH2166	Bottom Hose	FORD Courier 1987 2.6 Litre G6 Eng 11/89 - 1996, MAZDA B2600 Bravo 2.6 Litre G6 Eng 11/89 - 1996, FORD RADIER 2.6 Litre G6 Eng 11/89 - 1996
CH2169	Bottom Hose	MAZDA 929 HD10 - HE10 3.0 Litre 7/91 - 11/97
CH2170	Top Hose	MAZDA 929 HD10 - HE10 3.0 Litre 7/91 - 11/97
CH2171	Heater Hose	HOLDEN Commodore Statesman VN -VQ -VG 5.0 Litre V8 Heater Connector to Pump 1988 - 1991, HOLDEN Commodore Statesman VR -VQ Series II 5.0 Litre V8 Connector to W/Pump 1994 - 1995, HOLDEN Commodore Statesman VS - VQ series II 5.0 Litre V8 Connector to W/Pump 1995 - 1997
CH2171	Hose - Connector to W/Pump	HOLDEN Commodore Statesman VP - VQ Series II 5.0 Litre V8 1991 - 1994
CH2172	Heater Hose	HOLDEN Commodore Statesman VN -VQ -VG 5.0 Litre V8 Heater Outlet to Connector 1988 - 1991, HOLDEN Commodore Statesman VS - VQ series II 5.0 Litre V8 Heater Outlet to connector 1995 - 1997, HOLDEN Commodore Statesman VR -VQ Series II 5.0 Litre V8 Heater Outlet to connector 1994 - 1995, HOLDEN Commodore Statesman VP - VQ Series II 5.0 Litre V8 Heater Outlet to connector 1991 - 1994
CH2173	ByPass Hose	FORD Telstar AR - AS 2.0 Litre Pipe 1 to Carburettor 1/86 - 1987
CH2174	Bottom Hose	MAZDA B2200 2.2 Litre (Diesel) 11/89-on 1985 - 1991, FORD Courier 1989 2.2 litre (Diesel) 11/89 - 1994
CH2175	Thermostat ByPass Hose	SAAB 9000 Turbo CD 1985 - 1998
CH2176	Bottom Hose	HYUNDAI EXCEL 1.5 Litre (G4DJ) (Manual Trans to 12/92) 1991 - 1994
CH2177	Bottom Hose	HYUNDAI EXCEL 1.5 Litre (G4DJ) (Auto Trans to 12/92) 1991 - 1994
CH2178	Top Hose	HYUNDAI EXCEL 1.5 Litre (G4DJ) 1991 - 1994, HYUNDAI S Coupe 1.5 Litre G4EK 1992 - 1996
CH2179	Bottom Hose	HOLDEN Barina SB - Combo 1.4 Litre Rad to Pipe 1994 - 2001, HOLDEN Barina SB - Combo 1.2 Litre Rad to Pipe 1994 - 2001, HOLDEN Barina SB - Combo 1.6 Litre Rad to Pipe 1994 - 2001
CH2180	Top Hose	HOLDEN Barina SB - Combo 1.6 Litre 1994 - 2001
CH2181	Top Hose	HOLDEN Barina SB - Combo 1.4 Litre 680mm Wide Rad Core 1994 - 2001, HOLDEN Barina SB - Combo 1.2 Litre 680mm Wide Rad Core 1994 - 2001
CH2182	Bottom Hose	HONDA PRELUDE 2.2 Litre Coupe 1994 - 1997
CH2183	Top Hose	HOLDEN Barina SB - Combo 1.2 Litre T4257028-on 522mm Wide Rad Core 1994 - 2001, HOLDEN Barina SB - Combo 1.4 Litre T4257028-on 522mm Wide Rad Core 1994 - 2001
CH2184	Top Hose	HONDA PRELUDE 2.2 Litre Coupe 1994 - 1997, HONDA ACCORD CD 2.2 Litre (F22B) 1993 - 1997, HONDA PRELUDE VTI BB6 2.2 Litre H22A4 1997 - 5/02
CH2185	Bottom Hose	HOLDEN Barina SB - Combo 1.2 Litre Pipe to Water Pump 1994 - 2001, HOLDEN Barina SB - Combo 1.4 Litre Pipe to Water Pump 1994 - 2001, HOLDEN Barina SB - Combo 1.6 Litre Pipe to Water Pump 1994 - 2001
CH2185	ByPass	HOLDEN Astra TR 1.6 Litre C16SE Connecting pipe to W/P 1996 - 1998
CH2186	Top Hose	HOLDEN Astra TR 1.8, 2.0 Litre With Out Air Conditioning 1996 - 1998
CH2187	Bottom Hose connecting tube to water pump	OPEL Astra C16LZ2 - C16NZ2 - 18SV-C18NZ -E18NVR - 20NE - C20NE - 20SEH - X20XEV 1992 - 1998, OPEL VECTRA A 16LZ2 - 16NZ2 - C18SEL - C18XE -C18XEL - C18XE - X20XEV - 18SE - C18NZ -C20NE Petrol 1989 - 1995, OPEL Kadett 16S - 18SE - E18NV - S18NV - C18NZ - 20NE -20SEH - 20SER - C20NE Petrol 1985 - 1993

Part No	Location	Application
CH2187	ByPass Hose	HOLDEN Astra TR 1.8 Litre C18SEL Connecting Pipe to Water Pump 1996 - 1998
CH2188	Top Hose	HOLDEN Astra TR 1.8, 2.0 Litre With Air Conditioning 1996 - 1998
CH2189	Bottom Hose	HONDA ODYSSEY 2.3 LITRE F23Z4 1995 - 2005, HONDA ODYSSEY RA 2.2 LITRE F22B6 1994 - 1997
CH2189	Bottom Hose-Auto.Trans	HONDA ACCORD CD 2.2 Litre (F22B) 1993 - 1997
CH2190	Bottom Hose	HONDA PRELUDE 2.2 Vat Automatic 1994 - 1997
CH2191	Bottom Hose	SUBARU LIBERTY 2.0 Litre EJ20 1989 - 1996, SUBARU LIBERTY / LEGACY 2.2 Litre 1989 - 1996, SUBARU Impreza 2.0 Litre 1998 - 2000, SUBARU IMPREZA WRX 2.0 Litre Turbo 1998 - 2000
CH2192	Bottom Hose	FORD Explorer UP SOHC 1997 - 2000
CH2193	Top Hose	FORD Explorer UP OHV 1997 - 2000
CH2194	Bottom Hose	FORD Explorer UP OHV 1997 - 2000
CH2195	Top Hose	FORD Explorer UP SOHC 1997 - 2000
CH2196	Top Hose	SUBARU Impreza 2.0 Litre 1998 - 2000, SUBARU LIBERTY / LEGACY 2.2 Litre 1989 - 1996, SUBARU LIBERTY 2.0 Litre EJ20 1989 - 1996, SUBARU IMPREZA WRX 2.0 Litre Turbo 1998 - 2000
CH2197	Bottom Hose	HOLDEN Astra TR 1.8, 2.0 Litre 1996 - 1998
CH2198	Bottom Hose	HOLDEN Astra TR 1.6 Litre C16SE 1996 - 1998
CH2199	Pressure Regulator Hose	HOLDEN Commodore Statesman VR -VQ Series II 3.8 Litre V6 1994 - 1995, HOLDEN Commodore Statesman VP - VQ Series II 3.8 Litre V6 1991 - 1994
CH2200	Top Hose	HOLDEN Astra TR 1.6 Litre C16SE With Air Conditioning 1996 - 1998
CH2201	Top Hose	HOLDEN Astra TR 1.6 Litre C16SE Without Air Con Up to Vin 8041366 1996 - 1998
CH2203	Bottom Hose	NISSAN Pulsar N15 2.0 Litre 1995 - 1996
CH2204	ByPass Hose	NISSAN Pulsar N15 1.6 Litre GA16DE thermostat to manifold 1995 - 1999
CH2204	ByPass Thermostat to Inlet Manifold	NISSAN Pulsar N15 2.0 Litre 1995 - 1996
CH2206	Bottom Hose Head	VOLVO 760/780 V6 B28 1983 - 1990
CH2207	Top Hose	KIA SPORTAGE JA523 2.0 Litre FE 8/99 - 6/04
CH2208	Bottom Hose	KIA MENTOR 1.5 litre 1997 -
CH2209	Top Hose	KIA MENTOR 1.5 litre 1997 -
CH2210	Bottom Hose	FORD F250 5.8 Litre V8 1987 - 1993, FORD F250 5.0 Litre 302 Windsor 9/88 - 12/89, FORD F150 Supper Cab 5.0 Litre 302 Windsor 1985 - 1991, FORD F100 5.0 Litre 302 Windsor 09/85 - 12/87, FORD F350 5.0 Litre 302 Windsor 1986 - 1989
CH2212	Bottom Hose	KIA SPORTAGE JA523 2.0 Litre FE 8/99 - 6/04
CH2213	Top Hose	TOYOTA PRADO 90 Series 3.4 litre V6 5VZFE 1996 - 2002
CH2214	Top Hose	FORD F250 5.8 Litre V8 1988 - 1991
CH2216	Top Hose	TOYOTA Corona RT142 2.4 Litre 1984 - 1987
CH2217	Heater Hose Inlet	TOYOTA Camry SXV20 3.0 Litre 1MZ 1997 - 2002, TOYOTA AVALON MCX10R 3.0 Litre V6 2000 - , TOYOTA Camry MCV20 3.0 Litre 1MZ 9/97 - 2000
CH2218	Heater Hose Outlet	TOYOTA AVALON MCX10R 3.0 Litre V6 2000 - , TOYOTA Camry SXV20 3.0 Litre 1MZ 1997 - 2002, TOYOTA Camry MCV20 3.0 Litre 1MZ 9/97 - 2000
CH2219	Heater Hose	HOLDEN Commodore Statesman VN -VQ -VG 3.8 Litre V6 Surge Tank to Heater Pipe 1988 - 1991
CH2220	Top Hose	TOYOTA Camry SXV20 3.0 Litre 1MZ 1997 - 2002, TOYOTA Camry MCV20 3.0 Litre 1MZ 9/97 - 2000, TOYOTA AVALON MCX10R 3.0 Litre V6 2000 -
CH2221	Heater Hose Inlet Left hand drive	TOYOTA Camry VDV10 3.0 Litre 2/93 - , TOYOTA Camry SXV20R 2.2 Litre 5SFE 7/97 - 1999
CH2222	Water ByPass outlet	TOYOTA Camry SXV20R 2.2 Litre 5SFE 7/97 - 1999
CH2223	ByPass No3 water intake to manifold	TOYOTA Camry MCV20 3.0 Litre 1MZ 9/97 - 2000, TOYOTA Camry SXV20 3.0 Litre 1MZ 1997 - 2002, TOYOTA AVALON MCX10R 3.0 Litre V6 2000 -
CH2224	ByPass No3 Water Throttle Body	TOYOTA Camry SXV20 3.0 Litre 1MZ 1997 - 2002, TOYOTA Camry MCV20 3.0 Litre 1MZ 9/97 - 2000, TOYOTA AVALON MCX10R 3.0 Litre V6 2000 -
CH2225	Water ByPass	TOYOTA Celica ST204R 2.0 Litre 1997 - 1998
CH2226	Top Hose	CHRYSLER Voyager & Grand Voyager GS 3.3 litre V6 1997 - 2000
CH2227	Top Hose	TOYOTA Celica ST204R 2.0 Litre 1997 - 1998
CH2228	Bottom Hose	TOYOTA Camry SXV20R 2.2 Litre 5SFE 7/97 - 1999
CH2229	Bottom Hose	NISSAN Pulsar N15 1.6 Litre GA16DE 08/95-10/99 1995 - 1999
CH2230	Top Hose	TOYOTA Camry SXV20R 2.2 Litre 5SFE 7/97 - 1999
CH2231	Bottom Hose	TOYOTA Camry SXV20 3.0 Litre 1MZ 1997 - 2002, TOYOTA AVALON MCX10R 3.0 Litre V6 2000 - , TOYOTA Camry MCV20 3.0 Litre 1MZ 9/97 - 2000
CH2232	Bottom Hose	TOYOTA Celica ST204R 2.0 Litre 1997 - 1998, TOYOTA Celica ST204R 2.2 Litre 11/93 - 8/95, TOYOTA Curren ST206 2.0 Litre 3SFE 1994 - 1996
CH2233	Top Hose	TOYOTA Celica ST204R 2.2 Litre 11/93 - 8/95, TOYOTA Curren ST206 2.0 Litre 3SFE 1994 - 1996
CH2234	No3 Water pipe Hose	TOYOTA Camry SXV20R 2.2 Litre 5SFE 7/97 - 1999
CH2235	No2 Water Pipe Hose	TOYOTA Camry SXV20R 2.2 Litre 5SFE 7/97 - 1999

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CH2236	Vent Hose	HOLDEN Camira JE 2.0 Litre 1987 - 1989
CH2237	Top Hose	NISSAN Maxima A32 11/94 - 1997
CH2238	Bottom Hose	NISSAN Maxima A32 11/94 - 1997
CH2239	Top Hose	NISSAN Maxima J30 2/90 - 1994
CH2240	Bottom Hose	NISSAN Maxima J30 2/90 - 1994
CH2243	Bottom Hose	TOYOTA Corona RT142 2.4 Litre 1984 - 1987
CH2244	Bottom Hose	FORD Laser KL 1996 - 1999
CH2245	Bottom Hose	FORD Festiva WD 1.3 & 1.5 litre 1997 - 2001
CH2246	Heater hose	SAAB 9000 1986 - 1994
CH2247	Heater Hose	SAAB 9000 1994 - 1997
CH2248	Hose - Radiator to Header Tank	FORD Falcon / Fairlane EA,EB - NA - LTD DA 3.2 & 3.9 litre 6/91-2/92 1988 - 2/92, FORD Falcon / Fairlane EB -ED. Phase II NA - NC LTD DA - DC 4.0 Litre (6Cyl) 2/92 - 1995
CH2249	Heater Hose	FORD Courier PD 2.6 litre Petrol No1 1996 - 1998, MAZDA Bravo 2.6 Litre No1 1996 - 1998
CH2250	Heater Hose	FORD Festiva WD 1.3 & 1.5 litre No 1 1997 - 2001
CH2251	ByPass Hose	FORD Laser KL Water 1996 - 1999
CH2252	Heater Hose	FORD Laser KJ 2 & 3 1.6 & 1.8 Litre (B6, BP) Inlet 1994 - 1998, FORD Laser KL inlet 1996 - 1999, MAZDA 323 Astina 1.8 L DOHC BG10P & BA11P inlet 7/1994 - 1998
CH2253	Top Hose	NISSAN Bluebird U12 FWD CA20E 2 Litre 1989 - 1992, NISSAN Bluebird HU12 2.0 litre SR20DE NZ & Export 1989 - 1991
CH2254	Top Hose	HOLDEN Commodore Statesman VS - VQ series II 3.8 Litre V6 Supercharged 1995 - 1997
CH2255	Heater Hose	FORD Courier PD 2.5 litre diesel No1 to fire wall 1996 - 1998, MAZDA Bravo 2.5 Litre diesel No 1 to fire wall 1996 - 1998
CH2256	Top Hose	CHEVROLET /GMC Lumina, Caprice 3.8 Litre V6 ECOTEC (Australian Made) 1997 - 2002, HOLDEN Commodore Statesman VX,VU & WH 3.8 Litre (L36) V6 12V OHV 2000 - 2002, HOLDEN Commodore Statesman VT - WH 3.8 Litre (L36) V6 12V OHV 1997 - 2000
CH2257	Bottom Hose	CHEVROLET /GMC Lumina, Caprice 3.8 Litre V6 Supercharged (Australian Made) 1997 - 2002, CHEVROLET /GMC Lumina, Caprice 3.8 Litre V6 ECOTEC (Australian Made) 1997 - 2002, HOLDEN Commodore Statesman VT - WH 3.8 Litre V6 Supercharged 1997 - 2000, HOLDEN Commodore Statesman VT - WH 3.8 Litre (L36) V6 12V OHV 1997 - 2000, HOLDEN Commodore Statesman VT - WH 3.8 Litre V6 Supercharged 1997 - 2000, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L36) V6 12V OHV 2002 - 2004, HOLDEN Commodore Statesman VX,VU & WH 3.8 Litre (L36) V6 12V OHV 2000 - 2002, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L67) V6 12V OHV Supercharged 2002 - 2004, HOLDEN Commodore Statesman VX & WH 3.8 Litre (L67) V6 12V OHV Supercharged 2000 - 2002
CH2258	Top Hose	HOLDEN Commodore Statesman VT - WH 5.0 Litre V8 1997 - 2000
CH2259	ByPass Hose	NISSAN Maxima J30 Water 2/90 - 1994
CH226	Top Hose	MORRIS Minor 2 and 1000 1/4 ton Van 1954 - 1963, MORRIS MINOR 2 1000 1953 - 1962, MORRIS 5/6CWT JM Van with Alloy Water Pump 1957 - 1968
CH2260	Bottom Hose	JAGUAR XJ40 3.6 Litre 1988 - 1992
CH2261	Top Hose	FORD Laser KL 1996 - 1999, FORD Laser KJ 2 & 3 1.6 & 1.8 Litre (B6, BP) 1994 - 1998
CH2262	ByPass Hose No1 water outlet to thermostat housing	TOYOTA KLUGER / HIGHLANDER MCU28R 3MZ-FE 8/03 - 5/07
CH2262	ByPass No1 water outlet	TOYOTA Camry SXV20 3.0 Litre 1MZ 1997 - 2002, TOYOTA Camry MCV20 3.0 Litre 1MZ 9/97 - 2000, TOYOTA AVALON MCX10R 3.0 Litre V6 2000 -
CH2263	Bottom Hose	HOLDEN Commodore Statesman VT - WH 5.0 Litre V8 1997 - 2000
CH2264	Top Hose	CHEVROLET /GMC Lumina, Caprice 3.8 Litre V6 Supercharged (Australian Made) 1997 - 2002, HOLDEN Commodore Statesman VT - WH 3.8 Litre V6 Supercharged 1997 - 2000, HOLDEN Commodore Statesman VX & WH 3.8 Litre (L67) V6 12V OHV Supercharged 2000 - 2002
CH2265	Heater Hose	HOLDEN NOVA LG 1.6 , 1.8 Litre Heater To Engine 1994 - 1996
CH2265	Heater Hose Tap-heater	TOYOTA Corolla AE101R 1.6 Litre (4A-FE) 1994 - 1998
CH2266	ByPass Hose	NISSAN Maxima J30 Water 2/90 - 1994, NISSAN Navara D21 3.0 Litre V6 VG30E 1992 - 1997
CH2267	Top Hose	FORD Festiva WD 1.3 & 1.5 litre 1997 - 2001
CH2268	Heater Hose	FORD Laser KJ 2 & 3 1.6 & 1.8 Litre (B6, BP) No 2 1994 - 1998, FORD Laser KL No 2 1996 - 1999, MAZDA 323 Astina 1.8 L DOHC BG10P & BA11P No2 7/1994 - 1998
CH2269	Hose- Throttle Body to Hose	NISSAN Maxima A32 11/94 - 1997
CH227	Bottom Hose	MORRIS Minor 2 and 1000 1/4 ton Van 1954 - 1963, MORRIS MINOR 2 1000 1953 - 1962
CH2270	Hose - Pipe 2 to pipe 3	NISSAN Maxima A32 11/94 - 1997
CH2271	Heater Hose	FORD Festiva WD 1.3 & 1.5 litre No 2 1997 - 2001
CH2272	Hose Throttle body to intake Manifold	NISSAN Maxima J30 2/90 - 1994
CH2273	Hose Pipe 1 to pipe 2	NISSAN Maxima J30 2/90 - 1994
CH2274	Hose - Pipe 1 to throttle body	NISSAN Maxima A32 11/94 - 1997
CH2275	Heater Hose	HOLDEN Commodore Statesman VT - WH 5.0 Litre V8 Outlet to Connector 1997 - 2000
CH2276	Heater Hose	HOLDEN Commodore Statesman VT - WH 5.0 Litre V8 Heater Tap to Heater 1997 - 2000



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CH2277	Heater Hose	HOLDEN Commodore Statesman VT - WH 3.8 Litre V6 Supercharged Engine Outlet to Upper Heater Tap 1997 - 2000, CHEVROLET /GMC Lumina, Caprice 3.8 Litre V6 ECOTEC Engine Outlet to Upper Heater Tap 1997 - 2002, CHEVROLET /GMC Lumina, Caprice 3.8 Litre V6 Supercharged Engine Outlet to Upper Heater Tap 1997 - 2002, HOLDEN Commodore Statesman VX & WH 3.8 Litre (L67) V6 12V OHV Supercharged Engine Outlet to Upper Heater Tap 2000 - 2002, HOLDEN Commodore Statesman VT - WH 3.8 Litre (L36) V6 12V OHV Engine Outlet to Upper Heater Tap 1997 - 2000, HOLDEN Commodore Statesman VX, VU & WH 3.8 Litre (L36) V6 12V OHV Engine Outlet to Upper Heater Tap 2000 - 2002, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L67) V6 12V OHV Supercharged Engine Outlet to Upper Heater Tap 2002 - 2004, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L36) V6 12V OHV Engine Outlet to Upper Heater Tap 2002 - 2004, HOLDEN Commodore Statesman VT - WH 3.8 Litre V6 Supercharged Engine Outlet to Upper Heater Tap 1997 - 2000
CH2278	Hose - Pipe 1 to Pipe 2	NISSAN Maxima A32 11/94 - 1997, NISSAN MURANO Z50 3.5 Litre VQ35-DE V6 2005 - 2007
CH2279	Heater Hose	CHEVROLET /GMC Lumina, Caprice 3.8 Litre V6 Supercharged Heater Tap to Heater Core Lower 1997 - 2002, CHEVROLET /GMC Lumina, Caprice 3.8 Litre V6 ECOTEC Heater Tap to Heater Core Lower 1997 - 2002, HOLDEN Commodore Statesman VT - WH 3.8 Litre V6 Supercharged Heater Tap to Heater Core Lower 1997 - 2000, HOLDEN Commodore Statesman VX, VU & WH 3.8 Litre (L36) V6 12V OHV Heater Tap to Heater Core Lower 2000 - 2002, HOLDEN Commodore Statesman VT - WH 3.8 Litre (L36) V6 12V OHV Heater Tap to Heater Core Lower 1997 - 2000, HOLDEN Commodore Statesman VZ-WL 3.6 Litre V6 Alloytec Heater Tap to Heater Core Lower 2004 - , HOLDEN Commodore Statesman VY-WK 3.8 Litre (L67) V6 12V OHV Supercharged Heater Tap to Heater Core Lower 2002 - 2004, HOLDEN Commodore Statesman VX & WH 3.8 Litre (L67) V6 12V OHV Supercharged Heater Tap to Heater Core Lower 2000 - 2002, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L36) V6 12V OHV Heater Tap to Heater Core Lower 2002 - 2004
CH2280	Heater Hose	CHEVROLET /GMC Lumina, Caprice 3.8 Litre V6 Supercharged Lower Heater Tap to Engine Inlet 1997 - 2002, CHEVROLET /GMC Lumina, Caprice 3.8 Litre V6 ECOTEC Lower Heater Tap to Engine Inlet 1997 - 2002, HOLDEN Commodore Statesman VX & WH 3.8 Litre (L67) V6 12V OHV Supercharged Lower Heater Tap to Engine Inlet 2000 - 2002, HOLDEN Commodore Statesman VT - WH 3.8 Litre (L36) V6 12V OHV Lower Heater Tap to Engine Inlet 1997 - 2000, HOLDEN Commodore Statesman VT - WH 3.8 Litre V6 Supercharged Lower Heater Tap to Engine Inlet 1997 - 2000, HOLDEN Commodore Statesman VX, VU & WH 3.8 Litre (L36) V6 12V OHV Lower Heater Tap to Engine Inlet 2000 - 2002, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L67) V6 12V OHV Supercharged Lower Heater Tap to Engine Inlet 2002 - 2004, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L36) V6 12V OHV Lower Heater Tap to Engine Inlet 2002 - 2004
CH2281	Hose Intake Manifold to Throttle Body	NISSAN Maxima J30 2/90 - 1994
CH2282	Heater Hose	CHEVROLET /GMC Lumina, Caprice 3.8 Litre V6 ECOTEC Heater Tap to Heater Core Upper 1997 - 2002, CHEVROLET /GMC Lumina, Caprice 3.8 Litre V6 Supercharged Heater Tap to Heater Core Upper 1997 - 2002, HOLDEN Commodore Statesman VT - WH 3.8 Litre (L36) V6 12V OHV Heater Tap to Heater Core Upper 1997 - 2000, HOLDEN Commodore Statesman VX, VU & WH 3.8 Litre (L36) V6 12V OHV Heater Tap to Heater Core Upper 2000 - 2002, HOLDEN Commodore Statesman VX & WH 3.8 Litre (L67) V6 12V OHV Supercharged Heater Tap to Heater Core Upper 2000 - 2002, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L67) V6 12V OHV Supercharged Heater Tap to Heater Core Upper 2002 - 2004, HOLDEN Commodore Statesman VZ-WL 3.6 Litre V6 Alloytec Heater Tap to Heater Core Upper 2004 - , HOLDEN Commodore Statesman VT - WH 3.8 Litre V6 Supercharged Heater Tap to Heater Core Upper 1997 - 2000, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L36) V6 12V OHV Heater Tap to Heater Core Upper 2002 - 2004
CH2283	Hose Intake Manifold to Cyl Head	NISSAN Maxima J30 2/90 - 1994
CH2284	Hose Cyl Head to Pipe 2	NISSAN Maxima J30 2/90 - 1994
CH2285	Hose to Pipe 3	NISSAN Maxima A32 11/94 - 1997
CH2286	Hose Heater To Engine	NISSAN PATROL GQ II (Y60) 2.8 Litre RD28T 6 Cyl T/diesel 10/94 - 10/97
CH2287	ByPass Hose inlet manifold to turbo	NISSAN PATROL GU (Y61) 2.8 Litre RD28 6 Cyl T/diesel 10/97 - 4/00
CH2287	Hose Inlet manifold to Turbo	NISSAN PATROL GQ II (Y60) 2.8 Litre RD28T 6 Cyl T/diesel 10/94 - 10/97
CH2288	Hose Heater to Inlet Connector pipe	NISSAN PATROL GU (Y61) 2.8 Litre RD28 6 Cyl T/diesel 10/97 - 4/00
CH2289	Hose Inlet Manifold To Thermostat	NISSAN PATROL GU (Y61) 2.8 Litre RD28 6 Cyl T/diesel 10/97 - 4/00, NISSAN PATROL GQ II (Y60) 2.8 Litre RD28T 6 Cyl T/diesel 10/94 - 10/97
CH2290	Heater Hose Outlet	NISSAN PATROL GU (Y61) 2.8 Litre RD28 6 Cyl T/diesel 10/97 - 4/00
CH2291	Top Hose	NISSAN PATROL GU (Y61) 2.8 Litre RD28 6 Cyl T/diesel 10/97 - 4/00
CH2292	Bottom Hose	NISSAN PATROL GU (Y61) 2.8 Litre RD28 6 Cyl T/diesel 10/97 - 4/00
CH2293	Top Hose Engine end	NISSAN PATROL GQ II (Y60) 2.8 Litre RD28T 6 Cyl T/diesel 10/94 - 10/97
CH2294	Bottom Hose Radiator End	NISSAN PATROL GU (Y61) 2.8 Litre RD28 6 Cyl T/diesel 10/97 - 4/00
CH2295	Top Hose Radiator End	NISSAN PATROL GQ II (Y60) 2.8 Litre RD28T 6 Cyl T/diesel 10/94 - 10/97
CH2296	Heater Hose Inlet	NISSAN PATROL GU (Y61) 2.8 Litre RD28 6 Cyl T/diesel 10/97 - 4/00
CH2297	ByPass Hose	TOYOTA Corolla AE90-92-93-94 1.4, 6AFC, 1.6 Litre 4AFC, 4AFE Thermostat to pipe (with EFI) 1987 - 1994, HOLDEN NOVA LE:LF 1.4, 6AFC, 1.6 Litre 4AFC, 4AFE Thermostat to pipe (with EFI) 1987 - 1994

Part No	Location	Application
CH2298	Top Hose	<p>                     MITSUBISHI Magna TH - TJ - Verada KH - KJ 3.0 Litre 1999 - 2002, MITSUBISHI Magna TH - TJ - Verada KH - KJ 3.5 Litre 1999 - 2002, MITSUBISHI Magna KE - TE - TF V6 3 Litre (6G72) 4/96 - 1999, MITSUBISHI Verada KE - TF 3.5 Litre 1996 - 1999, MITSUBISHI Magna TW 3.5 Litre 6G74 10/2004 - 2005, MITSUBISHI Verada KL 3.5 Litre 6G74 6/2003 - 9/2004, MITSUBISHI Magna TL 3.5 Litre 6G74 6/2003 - 9/2004, MITSUBISHI Verada KW 3.5 Litre 6G74 10/2004 - 2005                 </p>
CH2299	Bottom Hose	<p>                     MITSUBISHI Magna KE - TE - TF V6 3 Litre (6G72) 4/96 - 1999                 </p>
CH2300	Bottom Hose	<p>                     NISSAN Navara D21 2.4 Litre KA24E rear 2WD 03/92-08/93 1992 - 1997                 </p>
CH2301	Bottom Hose	<p>                     NISSAN PATHFINDER 3.0 Litre V6 (VG30) 1992 - 1997, NISSAN Navara D21 3.0 Litre V6 VG30E 1992 - 1997, NISSAN Terrano 3.0 Litre V6 NZ &amp; Export 1987 - 1993                 </p>
CH2302	Bottom Hose Radiator end	<p>                     NISSAN PATROL GQ II (Y60) 2.8 Litre RD28T 6 Cyl T/diesel 10/94 - 10/97                 </p>
CH2303	Top Hose	<p>                     TOYOTA Corolla AE86 SPRINTER 5/83 - 5/85                 </p>
CH2304	Bottom Hose	<p>                     TOYOTA Corolla AE86 SPRINTER 5/83 - 5/85                 </p>
CH2305	Bottom Hose Engine End reuse sleeve	<p>                     NISSAN PATROL GQ II (Y60) 2.8 Litre RD28T 6 Cyl T/diesel 10/94 - 10/97                 </p>
CH2306	Heater Hose Outlet	<p>                     NISSAN PATROL GU (Y61) 2.8 Litre RD28 6 Cyl T/diesel 10/97 - 4/00                 </p>
CH2307	Power Steering Hose	<p>                     HOLDEN JACKAROO (Bighorn, Trooper) UBS69 3.1 Litre 4JG2T (Turbo Diesel) P/Steering Return Tank to Pump 1992 - 1998                 </p>
CH2308	Top Hose	<p>                     FORD F250 5.0 Litre 302 Windsor 9/88 - 12/89, FORD F350 5.0 Litre 302 Windsor 1986 - 1989, FORD F150 Supper Cab 5.0 Litre 302 Windsor 1985 - 1991, FORD F100 5.0 Litre 302 Windsor 09/85 - 12/87                 </p>
CH2309	Bottom Hose	<p>                     CHRYSLER Voyager &amp; Grand Voyager GS 3.3 litre V6 1997 - 2000                 </p>
CH2310	Bottom Hose	<p>                     CHRYSLER Jeep Cherokee XJ 4.0 Litre MX 2000 - 2001, CHRYSLER Jeep Cherokee XJ 4.0 Litre MX 1994 - 1999                 </p>
CH2311	Top Hose	<p>                     CHRYSLER Jeep Cherokee XJ 4.0 Litre MX 1994 - 1999                 </p>
CH2312	Top Hose	<p>                     MITSUBISHI Magna TR 2.6 Litre W/Carby Auto Trans 11/93 on 1991 - 1994                 </p>
CH2313	Top Hose	<p>                     MITSUBISHI Magna TR 2.6 Litre W/Carby ManTrans 11/93 on 1991 - 1994                 </p>
CH2314	Top Hose	<p>                     MITSUBISHI Magna TR 2.6 Litre MPI to 10/93 1991 - 1994, MITSUBISHI Magna TS 2.6 Litre MPI 1994 - 1996                 </p>
CH2315	Bottom Hose	<p>                     TOYOTA Coaster BB20 3B 1982 - 1987, TOYOTA Coaster BB21 10/86 - 1992                 </p>
CH2317	Bottom Hose	<p>                     MERCEDES - BENZ 450SE/450SEL, 350 SE -                 </p>
CH2318	Top Hose	<p>                     MERCEDES - BENZ 450SE/450SEL, 350 SE -                 </p>
CH2319	Bottom Hose	<p>                     VOLKSWAGEN Passat 1.5 Litre (Diesel) 1974 - 1981                 </p>
CH232	Bottom Hose	<p>                     MORRIS 5CWT Mini Van 848cc W/O Heater With Cast Iron Water Pump 1962 - 1968, MORRIS COOPER S Mk 2 1.3 Litre without Heater 1969 - 1972, MORRIS MINI DELUXE, COOPER 997 &amp; 998cc without Heater 1965 - 1970, MORRIS 5CWT Mini Van 848cc W/O Heater With Cast Iron Water Pump 1960 - 1962, MORRIS Model 850, and Mini Minor without Heater 1961 - 1970                 </p>
CH2320	Top Hose	<p>                     VOLKSWAGEN Golf 1.5 L (Diesel) (less A/C) 1977 - 1981                 </p>
CH2321	Heater Valve to Tank	<p>                     VOLKSWAGEN Golf 1.6 L (Petrol) 1975 - 1976                 </p>
CH2322	Top Hose	<p>                     VOLKSWAGEN Golf 1.6 L (Petrol) (less A/C) 1975 - 1976                 </p>
CH2323	Bottom Hose	<p>                     VOLKSWAGEN Cabriolet 1985 - 1990                 </p>
CH2324	Hose Water Pump to Head	<p>                     VOLKSWAGEN Rabbit 1.6 Litre (Petrol) 1975 - 1976                 </p>
CH2325	Bottom Hose	<p>                     FIAT X1/9 to CH118462 1979 - 1986                 </p>
CH2326	Bottom Hose	<p>                     VOLKSWAGEN Golf 1.6 L (Petrol) Suits Angled Radiator Flange 1975 - 1976                 </p>
CH2327	Bottom Hose	<p>                     PEUGEOT 504 (Diesel) 2304, XD2 1977 - 1983, PEUGEOT 504 (Diesel) 2112, XD90 1974 - 1976                 </p>
CH2328	Bottom Hose	<p>                     PEUGEOT 604 1977 - 1979                 </p>
CH2329	Bottom Hose	<p>                     MERCEDES - BENZ 280/280c to Chassis 118462 1972 - 1976                 </p>
CH2330	Bottom Hose	<p>                     BMW 630csi E24 3.0 litre 1977 - 1981                 </p>
CH2331	Top Hose	<p>                     BMW 530i E39 3.0 litre 1975 - 1981                 </p>
CH2332	Bottom Hose	<p>                     SAAB 9000 1986-on 1983 - 1998                 </p>
CH2333	Bottom Hose	<p>                     BMW 735csi E12 1978 - 1981                 </p>
CH2334	Bottom Hose	<p>                     MERCEDES - BENZ 250SL 1966 - 1968                 </p>
CH2335	Top Hose	<p>                     MERCEDES - BENZ 250SL 1966 - 1968, MERCEDES - BENZ 230SL 1963 - 1967                 </p>
CH2336	Top Hose	<p>                     MERCEDES - BENZ 280/280c to Chassis 15161 1972 - 1976                 </p>
CH2337	Bottom Hose	<p>                     SAAB 900 2.0 Litre DOHC 1988-93 Man Trans 1985 - 1988                 </p>
CH2338	Top Hose	<p>                     FIAT Brave 1756/1995cc Right 1978 - 1981                 </p>
CH2339	Bottom Hose	<p>                     MERCEDES - BENZ 230SL 1963 - 1967                 </p>
CH2340	Bottom Hose to pump	<p>                     MERCEDES - BENZ 280/280c 1972 - 1976                 </p>
CH2341	Bottom Hose	<p>                     AUDI 4000SE 1980 - 1981                 </p>
CH2342	Bottom Hose	<p>                     FIAT Spider 2000 1975 - 1978                 </p>
CH2343	Hose Water Pump to Thermostat	<p>                     BMW 2002 M10 1968 - 1978                 </p>
CH2344	Top Hose	<p>                     VOLKSWAGEN Golf 1.6 L (Petrol) 1980 - 1981, VOLKSWAGEN Passat 1.6 (Petrol) 1975 -                 </p>
CH2345	Bottom Hose To Radiator	<p>                     MERCEDES - BENZ 280/280c 1972 - 1976                 </p>

Part No	Location	Application
CH2346	Top Hose	BMW 2002-2002 ti 1968 - 1976
CH2347	Top Hose	BMW 318i E30 1.8 litre (E30) 1977 - 1983
CH2348	Hose Thermostat to Temp Switch	BMW 320i E21 2.0 Litre 1977 - 1983
CH2349	Top Hose	FIAT Spider 2000 Rear 1975 - 1978
CH2350	Bottom Hose	MG MGB GT Mk.3 1972-74 (Electric Fan) 1971 - 1976
CH2351	Top Hose	PEUGEOT 504 (Diesel 2112, XD90 1974 - 1976
CH2352	Top Hose	SAAB 900 2.0 Litre SOHC 1 With A/C 1981-83 1981 - 1988
CH2353	Top Hose- Rear	SAAB 900 2.0 Litre SOHC 1 Less A/C 1981 - 1988
CH2354	Bottom Hose- Front	SAAB 900 2.0 Litre SOHC 1 Auto Trans Chassis D1002778 to D2009798 1981 - 1988
CH2355	Top Hose	SAAB 900 2.0 Litre SOHC 1 with A/C 1981 - 1988
CH2356	Bottom Hose- Rear	SAAB 900 2.0 Litre SOHC 1 Auto trans Chassis D1002778 to D2009798 1981 - 1988
CH2357	Hose Connector to expansion tank	SAAB 900 2.0 Litre SOHC 1 1981 - 1988
CH2358	Bottom Hose	MERCEDES - BENZ 190E 1984 - 1988
CH2361	ByPass Hose	PEUGEOT 505 NX6 Water Pump 1980 - 1987
CH2362	Top Hose	VOLVO 740/760 4Cyl (2316cc) 1984 - 1993
CH2363	Bottom Hose Turbo	VOLVO B18,B20,B23FT,B230 -
CH2364	Heater Hose Right Hand Side	SAAB 900 2.0 Litre SOHC 1 1981 - 1988
CH2365	Top Hose	BMW 633csi E24 3.3 litre 1972 - 1982, BMW 533i E28 3.3 litre 1983 - 1984, BMW 535i E28 3.5 litre 1985 - 1988
CH2366	Bottom Hose	BMW 528e E28 2.8 litre 1982 - 1988, BMW 520i E28 2.0 Litre M20B20K 03/83 - 12/85
CH2369	Top Hose (Non Turbo)	VOLVO 740/760 4Cyl (2316cc) 1984 - 1993
CH2370	Bottom Hose	BMW 325i E30 2.5 litre 1984 - 1990
CH2371	Top Hose Rear	SAAB 900 2.0 Litre DOHC 1985 1985 - 1988
CH2372	Top Hose Front	SAAB 900 2.0 Litre DOHC 1985 - 1988
CH2373	Top Hose Rear	SAAB 900 2.0 Litre DOHC 1986-91 1985 - 1988
CH2375	Bottom Hose	BMW 318i E21 1.8 litre 1980 - 1987
CH2376	Bottom Hose	NISSAN Navara D21 2.4 Litre KA24E 4WD without P/Steering 9/85-03/92 1992 - 1997
CH2377	Hose - Thermostat to Water Pump	BMW 318i E21 1.8 litre 1980 - 1982
CH2378	Bottom Hose	BMW 318i E21 1.8 litre 1980 - 1987
CH2379	Heater Hose	SAAB 900 2.0 Litre DOHC Heater to Water Pump 1985 - 1988
CH2380	Hose-Heater to Water Pump Turbo	SAAB 900 2.0 Litre DOHC 1985 - 1988
CH2381	Top Hose	BMW 528e E28 2.8 litre 1982 - 1988
CH2382	Bottom Hose	SAAB 9000 1983 - 1998
CH2383	Top Hose	SAAB 9000 1983 - 1998
CH2384	Bottom Hose	SAAB 9000 1983 - 1998
CH2385	Bottom Hose	VOLVO 760/780 V6 B280 1983 - 1990
CH2387	Bottom Hose	BMW 2002-2002 ti without A/C 1968 - 1976
CH2388	Hose Thermostat to Intake Manifold	BMW 2500-2800 Bavaria 1974 - 1976
CH2389	Bottom Hose Man Trans	SAAB 900 2.0 Litre DOHC 1985 - 1988
CH239	Bottom Hose	HOLDEN FJ 48/215 1948 - 1956
CH2390	Bottom Hose	VOLVO B18,B20,B23FT,B230 -
CH2391	Top Hose	FIAT Spider 124 Left 1975 - 1978
CH2392	Bottom Hose	MERCEDES - BENZ 240D 1974 - 1976
CH2393	Top Hose	MERCEDES - BENZ 280SE 1981 - 1985
CH2398	Top Hose	BMW 635i E24 3.5 litre 1982 - 1988
CH2400	Heater Hose (outer)	VOLVO B234:B230FT 1988 - 1993
CH2401	Heater Hose (inner)	VOLVO B234:B230FT 1988 - 1993
CH2402	Heater Hose Right Side	SAAB 900 2.0 Litre SOHC 1 1981 - 1988
CH2403	Heater Hose Left Side	SAAB 900 2.0 Litre SOHC 1 1981 - 1988
CH2406	Top Hose	MERCEDES - BENZ 450SEL 6834cc V8 1976 - 1979
CH2407	Bottom Hose	MERCEDES - BENZ 250 W114 2.5 & 2.8 Litre to chassis # 22860 -



Part No	Location	Application
CH2408	Bottom Hose	MERCEDES - BENZ 260E 1987 - 1990
CH2411	Heater Hose	BMW 525E E28 2.7 Litre M20B27ME return 1981 - 1988
CH2413	Top Hose	MERCEDES - BENZ 250SEC 1975 - 1976
CH2415	Bottom Hose	MERCEDES - BENZ 280SEL 1971 - 1973
CH2416	Heater Hose	VOLVO B234:B230FT 1988 - 1993
CH2417	Bottom Hose	ALFA ROMEO Spider Graduate 1984 - 1989
CH2418	Heater Hose	VOLVO B234:B230FT 1988 - 1993
CH2419	Heater Hose	SAAB 9000 Pre 91 1986 - 1991
CH2420	Heater Hose	SAAB 9000 1994 - 1995
CH2421	Heater Hose	SAAB 9000 1994 - 1995
CH2422	Heater Hose	SAAB 9000 Pre 91 1986 - 1991
CH2423	Expansion Tank Hose	SAAB 9000 tank to connector 1986 - 1991
CH2426	Bottom Hose	TOYOTA HiLux RN85,90, 105, 106, 110,130 2.4 Litre (22R) Manual transmission 8/88-8/91 1988 - 1998
CH2426	Bottom Manual transmission 8/88-8/91	TOYOTA 4 Runner 2.4 Litre 22R 1989 - 1996
CH2427	Top Hose	<p> MITSUBISHI Magna TS 2.6 Litre Pipe to Rad W/Carby Auto Trans 1994 - 1996, MITSUBISHI Magna TR 2.6 Litre Carby Auto Trans to 10/93 1991 - 1994 </p>
CH2429	Bottom Hose	TOYOTA Stout RK110 1979 - 1983
CH2430	Top Hose	TOYOTA Stout RK110 1979 - 1983
CH2431	Top Hose	MITSUBISHI Magna TS 2.6 Litre W/Carby Eng to pipe 1994 - 1996
CH2432	Top Hose	TOYOTA Coaster BB20 3B 1982 - 1987, TOYOTA Coaster BB21 10/86 - 1992
CH2433	Top Hose	TOYOTA Celica ST16 2.2 Litre 3SFE,3SGELC 8 & 16 Valve Eng 8/85-8/87 1985 - 1998
CH2434	Top Hose	<p> TOYOTA Corona ST170 1.8 Litre 4S-F export New Zealand 1988 - 1991, TOYOTA Corolla 2.0 Litre (3S-FE) DOHC NZ &amp; Export 1989 - 1992, TOYOTA Corona ST170 1.8 Litre 4S-FI New Zealand 1988 - 1991, TOYOTA Celica ST16 2.2 Litre 3SFE,3SGELC 8 &amp; 16 Valve Eng 8/87-8/98 1985 - 1998, TOYOTA Corona ST171 2.0 Litre 3S-F 1987 - 1992 </p>
CH2435	Hose - Heater front No1	NISSAN PATROL GQ II (Y60) 2.8 Litre RD28T 6 Cyl T/diesel 10/94 - 10/97, NISSAN PATROL GU (Y61) 2.8 Litre RD28 6 Cyl T/diesel 10/97 - 4/00
CH2436	Hose - Heater front No2	NISSAN PATROL GU (Y61) 2.8 Litre RD28 6 Cyl T/diesel 10/97 - 4/00, NISSAN PATROL GQ II (Y60) 2.8 Litre RD28T 6 Cyl T/diesel 10/94 - 10/97
CH2437	ByPass Hose	TOYOTA Celica ST16 2.2 Litre 3SFE,3SGELC 8 & 16 Valve Eng 1985 - 1998
CH2438	Bottom Hose	<p> TOYOTA Corona ST171 2.0 Litre 3S-F 12/87-1/89 1987 - 1992, TOYOTA Corona ST170 1.8 Litre 4S-FI New Zealand 1988 - 1991, TOYOTA Corona ST170 1.8 Litre 4S-F export New Zealand 1988 - 1991, TOYOTA Celica ST16 2.2 Litre 3SFE,3SGELC 8 &amp; 16 Valve Eng 1985 - 1998 </p>
CH2439	Top Hose	CHEVROLET /GMC 235 6Cyl 1 1957 -
CH2440	Bottom Hose	CHEVROLET /GMC 235 6Cyl 1 1957 -
CH2441	Heater hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS26 3.5 Litre 6VE1 V6 (Petrol) Feed No 2 1997 - 2004, HOLDEN RODEO R9 3.2 Litre V6 (Petrol) Feed No 2 2/98 -
CH2442	Heater Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS26 3.5 Litre 6VE1 V6 (Petrol) 1997 - 2004, HOLDEN RODEO R9 3.2 Litre V6 (Petrol) 2/98 -
CH2443	Heater Hose	<p> HOLDEN JACKAROO (Bighorn, Trooper) UBS25 3.2 Litre 6VD1 V6 (Petrol) Heater to Pipe 4/92 - 2/98, HOLDEN JACKAROO (Bighorn, Trooper) UBS26 3.5 Litre 6VE1 V6 (Petrol) Heater to Pipe 1997 - 2004, HOLDEN RODEO R9 3.2 Litre V6 (Petrol) Heater to Pipe 2/98 - </p>
CH2444	Bottom Hose	NISSAN Navara D21 2.5 Litre Diesel SD25 2WD 09/85-08/87 1985 - 1997
CH2446	Top Hose	FIAT Regata with A/C 1984 - 1985
CH2447	Bottom Hose	HOLDEN RODEO R9 3.2 Litre V6 (Petrol) 2/98 -
CH2448	Heater Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS26 3.5 Litre 6VE1 V6 (Petrol) 1997 - 2004
CH2449	Heater Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS25 3.2 Litre 6VD1 V6 (Petrol) Return 4/92 - 2/98
CH245	Top & Bottom Hose	AUSTIN Champion 1/4 Ton 4x4 B40 & B90 Eng -
CH2450	Bottom Hose	TOYOTA Camry SXV10 2.2 Litre 1995 - , HOLDEN APOLLO JP 4 cyl. 9/95 - 1997
CH2451	Top Hose	HOLDEN APOLLO JP 4 cyl. 9/95 - 1997, TOYOTA Camry SXV10 2.2 Litre 1995 -
CH2452	Top Hose	HOLDEN RODEO R9 3.2 Litre V6 (Petrol) Cut to size, some applications 2/98 -
CH2453	Bottom Hose	TOYOTA Corona ST151 1983 - 1989, TOYOTA Corona ST150 1.8 Litre 1S New Zealand 1984 -
CH2454	Bottom Hose	<p> MITSUBISHI PAJERO NJ 3.5 Litre V6 6G74 1995 - 1996, MITSUBISHI PAJERO NL 3.5 Litre 6G74 1997 - 2000, MITSUBISHI PAJERO NK 3.5 litre 6G74 1996 - 1997 </p>
CH2455	Top Hose	<p> MITSUBISHI PAJERO NL 3.5 Litre 6G74 1997 - 05/97, MITSUBISHI PAJERO NK 3.5 litre 6G74 1996 - 1997, MITSUBISHI PAJERO NJ 3.5 Litre V6 6G74 1995 - 1996 </p>
CH2456	Crankcase Vent Hose	FORD Falcon / Fairlane AU 4.0 Litre (6Cyl) 9/98 - 2002
CH2457	Top Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS26 3.5 Litre 6VE1 V6 (Petrol) 1997 - 2004
CH2458	Heater Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS73 3 Litre 4JX1T (Turbo Diesel) Return 1998 - 2004
CH2459	Top Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS73 3 Litre 4JX1T (Turbo Diesel) 1998 - 2004
CH2460	Heater Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS73 3 Litre 4JX1T (Turbo Diesel) Inlet 1998 - 2004
CH2461	Heater Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS25 3.2 Litre 6VD1 V6 (Petrol) Heater Feed Hose 4/92 - 2/98
CH2463	Bottom Hose	TOYOTA Starlet 1.3 Litre DOHC 4AFE 1996 - 1999

Part No	Location	Application
CH2464	Heater Hose No1	TOYOTA Starlet 1.3 Litre DOHC 4AFE 1996 - 1999
CH2465	Heater Hose	TOYOTA Starlet 1.3 Litre DOHC 4AFE 1996 - 1999
CH2466	Top Hose	HONDA PRELUDE 1.6 Litre (1602cc) 1979 - 1983
CH2467	Bottom Hose	MITSUBISHI Lancer CE Sedan 1.8 Litre 4G93 Auto Trans to 5/96 1996 - 2002
CH2468	Bottom Hose	MITSUBISHI Lancer CE Sedan 1.8 Litre 4G93 Manual Trans 1996 - 2002
CH2469	Bottom Hose	MITSUBISHI Lancer CE Sedan 1.8 Litre 4G93 Auto Trans from 5/96 1996 - 2002
CH2470	Heater Hose Inlet	HONDA ACCORD CD 2.2 Litre (F22B) 1993 - 1997
CH2471	Heater Hose	FORD Falcon / Fairlane AU 4.0 Litre (6Cyl) Tap to Pipe 9/98 - 2002, FORD Falcon / Fairlane EF-EL NF -NL LTD DF -DL 4.0 Litre (6Cyl) Tap to Pipe 1994 - 1998
CH2472	ByPass Hose	FORD Econovan 2.0 Litre (Petrol) thermostat housing to pipe 1991 - 2001, FORD Econovan 1.8 Litre (Petrol) thermostat housing to pipe 1991 - 2001
CH2473	Top Hose	FORD Falcon / Fairlane AU 4.0 Litre (6Cyl) 9/98 - 2002
CH2474	Bottom Hose	FORD Falcon / Fairlane AU 4.9 Litre (V8) 9/98 - 2002
CH2475	Bottom Hose	FORD Falcon / Fairlane AU 4.0 Litre (6Cyl) 9/98 - 2002
CH2476	Radiator Supply Tank	FORD Falcon / Fairlane AU 4.9 Litre (V8) 9/98 - 2002, FORD Falcon / Fairlane AU 4.0 Litre (6Cyl) 9/98 - 2002
CH2477	Radiator Over flow	FORD Falcon / Fairlane AU 4.9 Litre (V8) 9/98 - 2002
CH2478	Heater Hose	FORD Falcon / Fairlane AU 4.9 Litre (V8) Hot Water 9/98 - 2002
CH2479	Bottom Hose	NISSAN Navara D21 2.5 Litre Diesel SD25 4WD 09/85-08/87 1985 - 1997
CH2480	Top Hose	SUBARU Forester 2.0 Litre OHC EJ20, EJ20E, EJ20J 1997 - 2002
CH2481	Heater Hose	MITSUBISHI Magna TE-TF 2.4 Litre 4G64 B 1996 - 1998
CH2482	Top Hose	SUBARU IMPREZA WRX DOHC Turbo 1996 - 1998
CH2484	Heater Hose	MITSUBISHI Lancer CE Sedan 1.8 Litre 4G93 B 1996 - 2002
CH2489	Heater Hose	MITSUBISHI Lancer CE Sedan 1.8 Litre 4G93 A 1996 - 2002
CH2490	Heater Hose	VOLVO 700/900 4 Cyl 1992 - 1995
CH2491	Heater Hose	HOLDEN Barina SB - Combo 1.2 Litre 1994 - 2001
CH2492	Hose- Crankcase Vent	HOLDEN Commodore Statesman VS - VQ series II 5.0 Litre V8 1995 - 1997, HOLDEN Commodore Statesman VP - VQ Series II 5.0 Litre V8 1991 - 1994, HOLDEN Commodore Statesman VR - VQ Series II 5.0 Litre V8 1994 - 1995, HOLDEN Commodore Statesman VN - VQ -VG 5.0 Litre V8 1988 - 1991
CH2493	Surge Tank Hose	HOLDEN RODEO R9 3.2 Litre V6 (Petrol) 2/98 -
CH2494	Top Hose	MAZDA METRO 1.3 LITRE B3 Eng 1996 - 1998, MAZDA 121 1.3 Litre B3 & 1.5 Litre B5 1990 - 2002
CH2495	Bottom Hose	MAZDA METRO 1.3 LITRE B3 Eng 1996 - 1998, MAZDA 121 1.3 Litre B3 & 1.5 Litre B5 1990 - 2002
CH2496	Bottom Hose	SUBARU IMPREZA WRX DOHC Turbo 1996 - 1998, SUBARU Forester 2.0 Litre OHC EJ20, EJ20E, EJ20J 1997 - 2002
CH2497	Heater Hose Inlet	TOYOTA LANDCRUISER FJ80 4.0 Litre (3F) 1990 - 1992
CH2498	Heater Hose	MITSUBISHI Magna TE-TF 2.4 Litre 4G64 A 1996 - 1998
CH2499	Heater Hose	HOLDEN Barina SB - Combo 1.2 Litre Inlet 1994 - 2001
CH2500	Top Hose	TOYOTA Starlet 1.3 Litre DOHC 4AFE 1996 - 1999
CH2501	Top Hose	MITSUBISHI PAJERO NJ 3.5 Litre V6 6G74 1996 - 6/97, MITSUBISHI PAJERO NL 3.5 Litre 6G74 6/97 - 2000
CH2502	Bottom Hose	HYUNDAI EXCEL 1.5 Litre (G4DJ) (Auto Trans 1/93-94) 1991 - 1994
CH2503	Top Hose	HYUNDAI EXCEL 1.5 Litre SOHC (G4EKR) 1994 - 1998
CH2504	Bottom Hose	MERCEDES - BENZ 280SE 1981 - 1985
CH2505	Radiator to Reservoir	VOLVO 240 1976 - 1980
CH2506	Bottom Hose	HYUNDAI EXCEL 1.5 Litre DOHC (G4KFR) 1/98 - 2000
CH2507	Bottom Hose	FORD Falcon / Fairlane EB-ED - NC - LTD DC 5 litre Multi Point EFI Radiator to Pipe 1991 - 1994
CH2508	Bottom Hose	HYUNDAI EXCEL 1.5 Litre SOHC (G4EKR) 1994 - 1998
CH2509	Top Hose	HYUNDAI EXCEL 1.5 Litre (G4AJ) (6/87-5/88) 1986 - 1989
CH2510	Bottom Hose	HYUNDAI EXCEL 1.5 Litre (G4DJ) (Manual Trans 1/93-94) 1991 - 1994
CH2511	Bottom Hose	FORD F250 HD 7.0 Litre V8 (W/O T Piece) 1999 -
CH2512	Top Hose	HOLDEN Vectra JR 2.0 Litre C20SEL 1997 - 1998
CH2513	Heater Hose	MAZDA E1800/2000 Petrol No1 1991 - 2001, FORD Econovan 2.0 Litre (Petrol) No1 1991 - 2001, FORD Econovan 1.8 Litre (Petrol) No1 1991 - 2001
CH2514	ByPass Hose	MITSUBISHI Magna TR 2.6 Litre Manifold to caburettor 1991 - 1994, MITSUBISHI Magna TS 2.6 Litre Manifold to caburettor 1994 - 1996, MITSUBISHI Magna TN -TP 2.6 Litre Manifold to caburettor 1987 - 1991
CH2515	Top Hose	HYUNDAI EXCEL 1.5 Litre DOHC (G4KFR) 1/98 - 2000
CH2516	Bottom Hose	TOYOTA Corona RT142 2.4 Litre 1984 - 1987
CH2517	Bottom Hose	DAEWOO Lanos T100 SX - Sport 1.6 Litre DOHC A16DMS radiator to pipe 1997 - 2001, DAEWOO Lanos T100 1.5 Litre (SOHC) 8Valve A15SMS radiator to pipe 1997 - 2003
CH2518	Top Hose (radiator side)	TOYOTA Corolla AE82 1.6 Litre 4AGE 1/86 - 12/88
CH2519	Top Hose	NISSAN Cefiro RB20E NZ & Export 1998 -

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CH252	ByPass Hose	MORRIS MINI MOKE 998cc 1976 - 1983, MORRIS Minor 2 and 1000 1/4 ton Van 1954 - 1963, MORRIS COOPER S Mk 2 1.3 Litre 1969 - 1972, MORRIS MINI DELUXE, COOPER 997 & 998cc 1965 - 1970, MORRIS Model 850, and Mini Minor 1961 - 1970, MORRIS 1100S 1275cc Eng 1964 - 1971, MORRIS 1100 1098cc Eng 1964 - 1971, MORRIS MINOR 2 1000 1953 - 1962
CH2520	Bottom Hose	NISSAN Cefiro RB20E NZ & Export 1998 -
CH2521	Bottom Hose Radiator to pipe	TOYOTA LANDCRUISER FZJ105R 4.5 Litre DOHC 1FZE 1/98 -
CH2522	Top Hose (Engine Side)	TOYOTA Corolla AE82 1.6 Litre 4AGE 1/86 - 12/88
CH2523	Bottom Hose	NISSAN Bluebird U11 CA16S/18S NZ & Export 1983-8/85 1983 - 8/85
CH2524	Bottom Hose Pipe to Engine	TOYOTA LANDCRUISER FZJ105R 4.5 Litre DOHC 1FZE 1/98 -
CH2525	Top Hose	DAEWOO Lanos T100 1.5 Litre (SOHC) 8Valve A15SMS 1997 - 2003
CH2526	Bottom Hose	TOYOTA LANDCRUISER HZJ105R 4.2 Litre Diesel 1/98 -
CH2527	Bottom Hose	TOYOTA LANDCRUISER UZJ100 V8 Petrol 1/98 -
CH2528	Top Hose	NISSAN Primera P10 2WD 1988 cc (NZ & Export) 1990 - 1995, NISSAN Primera P11 (SR18DE) NZ & Export 1995 - 1998
CH2529	Top Hose	TOYOTA LANDCRUISER UZJ100 V8 Petrol 1/98 -
CH2530	Top Hose	NISSAN Bluebird U11 CA16S/18S NZ & Export 8/85 ON 1983 - 8/85
CH2531	Top Hose	TOYOTA LANDCRUISER FZJ105R 4.5 Litre DOHC 1FZE 1/98 -
CH2532	Bottom Hose	TOYOTA HiAce RZH 113R 2.4 Litre OHC From 08/98 EFI 1990 - 2000, TOYOTA HiAce RZH 103 - RZH125R 2.4 Litre OHC From 08/98 EFI 1990 -
CH2533	Heater Hose	NISSAN Bluebird U13 2.4 DOHC KA24 Front No1 1993 - 1997
CH2534	Bottom Hose	NISSAN Bluebird U13 2.4 DOHC KA24 1993 - 1997
CH2535	Top Hose	TOYOTA HiAce LH125R 2.8 Litre Diesel 3L 1989 - 2004, TOYOTA HiAce LH113 2.8 Litre Diesel 3L 1996 - 2004, TOYOTA HiAce LH103R 2.8 Litre Diesel 1990 -
CH2536	Heater Hose	NISSAN Bluebird U13 2.4 DOHC KA24 Outlet 1993 - 1997
CH2537	Bottom Hose No1	TOYOTA HiAce LH103R 2.8 Litre Diesel 1990 -
CH2538	Top Hose	NISSAN Bluebird U13 2.4 DOHC KA24 1993 - 1997
CH2541	Bottom Hose	SAAB 900 V6 1994 - 1997
CH2542	Heater Hose	HONDA ODYSSEY RA 2.2 LITRE F22B6 Outlet 1994 - 1997
CH2542	Heater Hose Outlet	HONDA ACCORD CD 2.2 Litre (F22B) 1993 - 1997
CH2543	Top Hose	FORD F100 4.1 litre (6Cyl) with A/C 1974 - 1981
CH2544	Top Hose	NISSAN Bluebird U11 CA16S/18S NZ & Export 1983-8/85 1983 - 8/85, NISSAN Bluebird U11 (CD20) 2.0 Litre Diesel NZ & Export 1991 - 1996, NISSAN Bluebird U11 2.0 Litre (CA20) NZ & Export 1983 - 1989
CH2545	Bottom Hose	NISSAN Primera P11 (SR18DE) NZ & Export 1995 - 1998, NISSAN Primera P10 2WD 1988 cc (NZ & Export) 1990 - 1995
CH2546	Bottom Hose	NISSAN Navara D21 2.4 Litre KA24E 2WD 03/92-08/93 1992 - 1997
CH2547	Bottom Hose	NISSAN Navara D21 2.4 Litre KA24E 4WD 3/92-08/93 1992 - 1997
CH2548	Top Hose	NISSAN Navara D21 2.5 Litre Diesel SD25 4WD 09/85-10/87 1985 - 1997
CH2549	Top Hose	NISSAN Navara D21 2.4 Litre KA24E 2WD 1992 - 1997
CH2550	Bottom Hose	NISSAN Navara D21 2.4 Litre KA24E rear 4WD 03/92-08/93 1992 - 1997
CH2551	Bottom Hose	NISSAN Navara D21 2.7 Litre Diesel 2WD to 3/92 1987 - 1996
CH2552	Bottom Hose	NISSAN Navara D21 2.4 Litre Z24 2 WD rear W/PS integral 09/85-10/89 1985 - 3/92
CH2553	Bottom Hose Pipe to Rad	TOYOTA LANDCRUISER FJ80 4.0 Litre (3F) 1990 - 1992
CH2554	Top Hose	TOYOTA LANDCRUISER FJ80 4.0 Litre (3F) 1990 - 1992
CH2555	Heater Hose	MAZDA Bravo 2.5 Litre diesel No 2 1996 - 1998, FORD Courier PD 2.5 litre diesel No 2 1996 - 1998
CH2556	Bottom Hose	MITSUBISHI MIRAGE CE-CD 4G15 1.5 Litre Auto Transmission 1996 - 2001
CH2557	Top Hose	MITSUBISHI MIRAGE CE-CD 4G15 1.5 Litre 1996 - 2001, MITSUBISHI MIRAGE CJ1A 1.3 Litre 4G13 1995 - 2000, MITSUBISHI Lancer CE 1.5 Litre 1996 - 2003
CH2558	Heater Hose	MITSUBISHI Lancer CE 1.5 Litre A 1996 - 2003, MITSUBISHI MIRAGE CE-CD 4G15 1.5 Litre A 1996 - 2001
CH2559	Bottom Hose	MITSUBISHI Lancer CE 1.5 Litre Manual Transmission 1996 - 2003, MITSUBISHI MIRAGE CE-CD 4G15 1.5 Litre Manual Transmission 1996 - 2001
CH2560	Heater Hose Outlet	TOYOTA Camry SXV20R 2.2 Litre 5SFE 7/97 - 1999
CH2561	Bottom Hose	FORD Courier PD 2.5 litre diesel 1996 - 1998, MAZDA Bravo 2.5 Litre diesel 1996 - 1998
CH2562	Bottom Hose Eng to Pipe	TOYOTA LANDCRUISER FJ80 4.0 Litre (3F) 1990 - 1992
CH2563	Heater Hose to Tap	TOYOTA Camry SXV20R 2.2 Litre 5SFE 7/97 - 1999
CH2564	Heater Hose	MITSUBISHI Lancer CE 1.5 Litre B 1996 - 2003, MITSUBISHI MIRAGE CE-CD 4G15 1.5 Litre B 1996 - 2001
CH2565	Top Hose	NISSAN Navara D21 2.5 Litre Diesel SD25 2WD 09/85-8/87 1985 - 1997
CH2566	Bottom Hose	NISSAN Navara D21 2.5 Litre Diesel SD25 10/87-3/92 1985 - 1997



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CH2567	Top Hose	NISSAN Navara D21 2.5 Litre Diesel SD25 10/87-3/92 1985 - 1997, NISSAN Mistral YR20 2.5 T/Diesel (TD27BT) NZ & Export - , NISSAN Navara D21 2.7 Litre Diesel 10/95-ON 1987 - 1996, NISSAN Terrano TD27 2.7 Litre Diesel 1993 - 1996
CH2568	ByPass Hose	MAZDA Bravo 2.6 Litre Throttle Body 1996 - 1998, FORD Courier PD 2.6 litre Petrol Throttle body 1996 - 1998, FORD Courier PG 2.6 Litre G6 Throttle body 2002 - 2007, MAZDA Bravo 2.6 Litre G6 Throttle body 1998 - 2007
CH2569	Heater Hose	MAZDA Bravo 2.5 Litre diesel No 3 1996 - 1998, FORD Courier PD 2.5 litre diesel No3 1996 - 1998
CH2570	ByPass Hose	MAZDA Bravo 2.6 Litre T/Box 1996 - 1998, FORD Courier PD 2.6 litre Petrol Throttle Box 1996 - 1998, MAZDA Bravo 2.6 Litre G6 Thottle Box 1998 - 2007, FORD Courier PG 2.6 Litre G6 Thottle Box 2002 - 2007
CH2571	Heater Hose	FORD Courier PD 2.6 litre Petrol No 2 1996 - 1998, MAZDA Bravo 2.6 Litre No 2 1996 - 1998
CH2572	ByPass Hose	FORD Courier PE 2.6 Litre G6 Water 1998 - 2002
CH2572	Water ByPass	FORD Courier PD 2.5 litre diesel 1996 - 1998, MAZDA Bravo 2.6 Litre 1996 - 1998, MAZDA Bravo 2.5 Litre diesel 1996 - 1998
CH2573	Top Hose	MITSUBISHI Lancer CA-CB 1.5 Litre 4G15 With Carby 1988-90 1988 - 1996
CH2574	Top Hose	MITSUBISHI Lancer CA-CB 1.5 Litre 4G15 3 door 5/90-92 1988 - 1996
CH2575	Top Hose	MITSUBISHI Lancer CA-CB 1.5 Litre 4G15 with (carby 90-on ) (FI 91-on) 1988 - 1996
CH2576	Bottom Hose	MITSUBISHI Lancer CA-CB 1.5 Litre 4G15 1988 - 1996, MITSUBISHI Lancer 1.3 Litre 4G13 NZ & Export 1989 - 1992
CH2577	Bottom Hose	FORD F250 5.8 Litre V8 1981 - 5/87, FORD F350 5.8 litre V8 1981 - 5/87, FORD F100 / Bronco 5.8 Litre V8 1984 -
CH2578	Heater Hose Fire wall to Connector lower	NISSAN Pulsar N14 1.6 Litre GA16 DOHC 1991 - 1995
CH2579	Top Hose	MAZDA Bravo 2.5 Litre diesel 1996 - 1998, FORD Courier PD 2.5 litre diesel 1996 - 1998
CH2580	Bottom Hose	TOYOTA Corolla 2.0 Litre (3S-FE) DOHC NZ & Export 8/92 - 1993, TOYOTA Corona ST191 2.0 Litre 3S-FE 8/92 - 1993
CH2581	Top Hose	TOYOTA Celica ZR ZZT231R 2000 -
CH2582	Bottom Hose	TOYOTA Celica ZR ZZT231R 2000 -
CH2583	Bottom Hose	TOYOTA Corolla AE112 1998 -
CH2584	Heater Hose fire wall to Engine upper	NISSAN Pulsar N14 1.6 Litre GA16 DOHC 1991 - 1995
CH2585	Power Steering Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS69 3.1 Litre 4JG2T (Turbo Diesel) Res Tank to pump 1992 - 1998
CH2586	Bottom Hose No2	TOYOTA HiAce LH103R 2.8 Litre Diesel 1990 -
CH2587	Heater Hose Inlet	TOYOTA Celica ZR ZZT231R 2000 -
CH2588	ByPass Hose	JAGUAR Mark V 1946 - 1949
CH2589	ByPass hose	JAGUAR Mark IV 1946 -
CH2590	Heater hose Connector to Engine	NISSAN Pulsar N14 1.6 Litre GA16 DOHC 1991 - 1995
CH2591	Bottom Hose	MITSUBISHI SIGMA Sigma FWD (New Zealand) 1984 - 1988
CH2592	Top Hose	MITSUBISHI SIGMA Sigma FWD (New Zealand) 1984 - 1988
CH2593	Top Hose	TOYOTA Corolla EE90 1.3 Litre 2E-I (New Zealand) 5/87 - 6/91
CH2594	Bottom Hose	TOYOTA Corolla EE100 1.3 Litre 2E-L Export Only 1992 -
CH2595	Top Hose	TOYOTA Corolla AE112 1998 -
CH2596	Heater Hose Outlet	TOYOTA Celica ZR ZZT231R 2000 -
CH2597	Top Hose	DAEWOO Leganza V100 2.0 Litre C20SED 1997 - 1998, DAEWOO Leganza V100 2.2 Litre T22SED 1999 - 2001
CH2598	Top Hose	TOYOTA Corona ST191 2.0 Litre 3S-FE 8/92 - 1993, TOYOTA Corolla 2.0 Litre (3S-FE) DOHC NZ & Export 8/92 - 1993
CH2599	Top Hose	TOYOTA Corolla EE100 1.3 Litre 2E-L Export Only 1992 -
CH2600	Bottom Hose	TOYOTA Corolla EE90 1.3 Litre 2E-I (New Zealand) check drawing 5/87 - 6/91
CH2602	Bottom Hose	TOYOTA Corolla EE90 1.3 Litre 2E-I (New Zealand) 5/87 - 6/91
CH2603	Top Hose	SUBARU Leone L Series 1.8 Litre EA82 1985 - 1994
CH2604	Bottom Hose	SUBARU Leone L Series 1.8 Litre EA82 1985 - 1994
CH2605	Top Hose	NISSAN Navara D21 2.4 Litre KA24E 4WD 1992 - 1997
CH2606	Bottom Hose manual Trans	HONDA ACCORD CD 2.2 Litre (F22B) (SN OC000386 On) 1993 - 1997
CH2607	Bottom Hose	NISSAN PATROL GQ II (Y60) 3.0 Litre Petrol (RB30) 1989 - 1997
CH2608	Top Hose	NISSAN PATROL GQ II (Y60) 3.0 Litre Petrol (RB30) 1989 - 1997
CH2609	Top Hose	DAEWOO Cielo 1.5 Litre (OHC G15MF) 1995 - 1998
CH2610	Bottom Hose	DAEWOO Cielo 1.5 Litre (OHC G15MF) 3SPD Auto/Manual Trans 1995 - 1998, DAEWOO Cielo 1.5 Litre (DOHC A15MF) 3SPD Auto/Manual Trans 1995 - 1998
CH2611	Bottom Hose	DAEWOO Cielo 1.5 Litre (DOHC A15MF) 4SPD Auto Trans 1995 - 1998, DAEWOO Cielo 1.5 Litre (OHC G15MF) 4SPD Auto Trans 1995 - 1998
CH2612	Top Hose	DAEWOO Cielo 1.5 Litre (DOHC A15MF) 1995 - 1998



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CH2613	Bottom Hose	DAEWOO Leganza V100 2.0 Litre C20SED 1997 - 1998, DAEWOO Leganza V100 2.2 Litre T22SED 1999 - 2001
CH2614	Top Hose	DAEWOO Nubira 1.6 litre A16DMS DOHC 1997 - 1999
CH2615	Bottom Hose	DAEWOO Nubira 1.6 litre A16DMS DOHC Man Trans 1997 - 1999
CH2616	Bottom Hose	DAEWOO Nubira 1.6 litre A16DMS DOHC Auto trans 1997 - 1999
CH2617	Bottom Hose	DAEWOO Nubira J100, J150 2 Litre X20SED DOHC Auto Trans From 15/2/98 1997 - 1999
CH2618	Bottom Hose	DAEWOO Nubira J100, J150 2 Litre X20SED DOHC Man Trans 1997 - 1999
CH2619	Top Hose	DAEWOO Nubira J100, J150 2 Litre X20SED DOHC 1997 - 1999
CH2620	Bottom Hose	DAEWOO Nubira J100, J150 2 Litre X20SED DOHC Auto Trans to 15/2/98 1997 - 1999
CH2621	Bottom Hose	AUSTIN Healey Sprite With Heater 1959 - 1968
CH2622	Bottom Hose	FORD Telstar AX - AY 2.0 litre (4Cyl) FS (DOHC) 1991 - 1996, MAZDA 626 GD, GV 2.0 Litre FS (DOHC) 1992 - 1997, MAZDA 626 GF 2.0 Litre FSDE 1997 - 2001
CH2623	Top Hose	MAZDA 626 GD, GV 2.0 Litre FS (DOHC) 1992 - 1997, FORD Telstar AX - AY 2.0 litre (4Cyl) FS (DOHC) 1991 - 1996
CH2624	Heater Hose	FORD Econovan 2.0 Litre (Petrol) No2 1991 - 2001, FORD Econovan 1.8 Litre (Petrol) No2 1991 - 2001, MAZDA E1800/2000 Petrol No2 1991 - 2001
CH2625	Top Hose	MITSUBISHI Lancer CE Sedan 1.8 Litre 4G93 1996 - 2002
CH2626	ByPass Hose	FORD Econovan 1.8 Litre (Petrol) Long 1991 - 2001, FORD Econovan 2.0 Litre (Petrol) Long 1991 - 2001, MAZDA E1800/2000 Petrol Long 1991 - 2001
CH2627	Heater Hose No5	NISSAN Urvan E24 2.7 Diesel TD27 1987 - 1993
CH2628	ByPass Hose	HYUNDAI SONATA 2 Litre G4CPS B 1994 - 1998
CH2629	Bottom Hose	HYUNDAI SONATA 2 Litre G4CPS to 11/94 1994 - 1998
CH2630	Top Hose	NISSAN Urvan E24 2.7 Diesel TD27 1987 - 1993
CH2631	Heater Hose No2	NISSAN Urvan E24 2.7 Diesel TD27 1987 - 1993
CH2632	Bottom Hose	NISSAN Vanette C120 1.5 Litre A15 Eng 1984 - 1986
CH2633	Bottom Hose	NISSAN Urvan E24 2.7 Diesel TD27 1987 - 1993
CH2634	Heater Hose	HYUNDAI SONATA 2 Litre G4CPS Inlet 1994 - 1998
CH2635	Heater Hose No2	NISSAN Vanette C120 1.5 Litre A15 Eng 1984 - 1986
CH2636	Heater Hose No3	NISSAN Vanette C120 1.5 Litre A15 Eng 1984 - 1986
CH2637	Bottom Hose	FIAT 850 903cc 1970 - 1973
CH2638	Top Hose	FIAT X1/9 Front 1974 - 1978
CH2639	Bottom Hose	FIAT X1/9 Front 1979 - 1983
CH2640	Bottom Hose	SAAB 900 2.1 Litre 16Valve 1985 - 1994
CH2641	Top Hose	SAAB 900 (B234) 1994 - 1998
CH2642	Top Hose	HYUNDAI SONATA 2 Litre G4CPS to 11/94 1994 - 1998
CH2643	Heater Hose No 4	NISSAN Urvan E24 2.7 Diesel TD27 1987 - 1993
CH2644	Heater Hose No 6	NISSAN Urvan E24 2.7 Diesel TD27 1987 - 1993
CH2645	Top Hose	HYUNDAI SONATA 2 Litre G4CPS From 11/94 1994 - 1998
CH2646	Heater Hose	HOLDEN Barina SB - Combo 1.2 Litre Outlet 1994 - 2001, HOLDEN Barina SB - Combo 1.4 Litre Outlet 1994 - 2001
CH2647	Heater Hose	HOLDEN Barina SB - Combo 1.4 Litre Engine to Heater 1994 - 2001, HOLDEN Barina SB - Combo 1.2 Litre Engine to Heater 1994 - 2001
CH2648	Heater Hose Engine to Water Valve	TOYOTA Corolla AE112 1998 -
CH2649	Heater Hose	HYUNDAI EXCEL 1.5 Litre SOHC (G4EKR) Outlet 1994 - 1998
CH2650	Top Hose	MAZDA MX5 NA 1.6 Litre B6ZE 10/89 - 11/93
CH2651	Bottom Hose	MAZDA MX5 NA 1.6 Litre B6ZE radiator to pipe 10/89 - 11/93, MAZDA MX5 NA 1.8 Litre BP radiator to pipe (to 11/94) 11/93 - 09/97
CH2652	ByPass Hose	HOLDEN Vectra JR V6 2.5 Litre Water Pump Return 1997 - 1999
CH2653	Bottom Hose	MITSUBISHI PAJERO NJ 2.8 Litre 4M40T Diesel 1993 - 10/96
CH2654	Bottom Hose	HOLDEN Vectra JR V6 2.5 Litre 1997 - 1999
CH2655	Heater Hose	MITSUBISHI Nimbus UF 2.4 Litre 16 Valve Eng B 2/92 - 1995
CH2656	ByPass Hose	HYUNDAI EXCEL 1.5 Litre SOHC (G4EKR) Pipe 1 to Throttle Body 1994 - 1998
CH2657	Heater Hose	HYUNDAI SONATA 2 Litre G4CPS Outlet 1994 - 1998
CH2658	ByPass Hose	HYUNDAI SONATA 2 Litre G4CPS A 1994 - 1998
CH2659	Bottom Hose	HYUNDAI SONATA 2 Litre G4CPS 11/94-1998 1994 - 1998
CH2660	Heater Hose	MITSUBISHI Nimbus UF 2.4 Litre 16 Valve Eng A 2/92 - 1995
CH2661	Top Hose	HOLDEN Vectra JR V6 2.5 Litre 1997 - 1999
CH2662	Heater Hose	HOLDEN Vectra JR V6 2.5 Litre Feed 1997 - 1999
CH2663	Top Hose	MITSUBISHI PAJERO NJ 2.8 Litre 4M40 Diesel 1993 - 1996, MITSUBISHI PAJERO NK 2.8 Litre 4M40 Diesel 1996 - 1997, MITSUBISHI PAJERO NL 2.8 Litre 4M40 Diesel 1997 - 2000
CH2664	Bottom Hose	HONDA ACCORD CB 1.8 litre F18A NZ & Export 1990 - 1994, HONDA ACCORD CB3 2.0 Litre F20A5 NZ & Export 1989 - 1992, HONDA ACCORD CB 2.2Litre (F22A) 1989 - 1994, HONDA Ascot CB4 4WS 2.0 Litre F20A DOHC NZ & Export 1990 - 1995, HONDA Ascot CB1 1.8 Litre F18A NZ & Export 1989 - 1995, HONDA Ascot CB3 2.0 Litre F20A NZ & Export 1989 - 1995
CH2665	Heater Hose	HYUNDAI EXCEL 1.5 Litre SOHC (G4EKR) Inlet 1994 - 1998

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CH2666	Heater Hose to tap	HONDA ACCORD CD 2.2 Litre (F22B) 1993 - 1997
CH2667	Heater Hose to heater	TOYOTA Corolla AE112 1998 -
CH2668	Top Hose	NISSAN Vanette C20 5/83 - 12/86, NISSAN Vanette C120 1.5 Litre A15 Eng 1984 - 1986
CH2669	Heater Hose No3	NISSAN Urvan E24 2.7 Diesel TD27 1987 - 1993
CH2670	Bottom Hose	MAZDA Bongo TE-TF 2.4 Litre 4G64 1996 - 1998
CH2671	Top Hose	MAZDA Bongo TE-TF 2.4 Litre 4G64 1996 - 1998
CH2672	Bottom Hose	MAZDA Bongo TE-TF 2.4 Litre 4G64 1996 - 1998
CH2673	Top Hose	MAZDA Bongo TE-TF 2.4 Litre 4G64 1996 - 1998
CH2674	Bottom Hose Front	SAAB 900 2.0 Litre SOHC 1 1981 - 1988
CH2675	Expansion Tank hose	SAAB 900 1992 - 1998
CH2676	Bottom Hose Front	SAAB 99, 900 2.0 Litre 1979 - 1980
CH2677	Top Hose	SAAB 900 V6 1994 - 1997
CH2678	Bottom Hose	TOYOTA HiLux RZN147 2.0 Litre Radiator to pipe 1997 - 1999
CH2678	Bottom Hose No 3	TOYOTA HiLux RZN174 2.7 Litre 3RZ 1997 - , TOYOTA HiLux RZN169R 2.7 Litre 3RZ 1997 - , TOYOTA HiLux RZN149 2.7 Litre 3RZ 1997 - , TOYOTA HiLux RZN164 2.7 Litre 3RZ 1997 -
CH2679	Top Hose	TOYOTA HiLux LN167R 3 Litre (5L & 5LE Diesel) 1997 - 2003, TOYOTA HiLux LN172 3 Litre (5L & 5LE Diesel) 1997 - 2003, TOYOTA HiLux LN147R 3 Litre (5L & 5LE Diesel) 1997 - , TOYOTA HiLux LN152 3 Litre (5L & 5LE Diesel) 1998 - 2005
CH2680	Bottom Hose	TOYOTA HiLux LN167R 3 Litre (5L & 5LE Diesel) Pipe to Engine 1997 - 2003, TOYOTA HiLux LN147R 3 Litre (5L & 5LE Diesel) Pipe to Engine 1997 - , TOYOTA HiLux LN152 3 Litre (5L & 5LE Diesel) Pipe to Engine 1998 - 2005, TOYOTA HiLux LN172 3 Litre (5L & 5LE Diesel) Pipe to Engine 1997 - 2003
CH2681	Bottom Hose	PEUGEOT 405 1.9 Litre 1989 - 1996
CH2682	Heater Hose Outlet from Heater	TOYOTA HiLux RZN149 2.7 Litre 3RZ 1997 - , TOYOTA HiLux RZN174 2.7 Litre 3RZ 1997 - , TOYOTA HiLux RZN164 2.7 Litre 3RZ 1997 - , TOYOTA HiLux RZN169R 2.7 Litre 3RZ 1997 -
CH2683	Top Hose	TOYOTA HiLux RZN147 2.0 Litre 1997 - 1999, TOYOTA HiLux EZN147R 2.0 Litre (1RZ) 1997 -
CH2684	Top Hose	MAZDA Bongo TE-TF 2.4 Litre 4G64 1996 - 1998
CH2685	Bottom Hose	MAZDA Bongo TE-TF 2.4 Litre 4G64 1996 - 1998
CH2686	Bottom Hose	MAZDA Bongo TE-TF 2.4 Litre 4G64 1996 - 1998
CH2687	Heater Hose	MAZDA Bongo TE-TF 2.4 Litre 4G64 1996 - 1998
CH2688	Bottom Hose	TOYOTA HiLux RZN147 2.0 Litre Pipe to Thermostat 1997 - 1999
CH2688	Bottom Hose No2	TOYOTA HiLux EZN147R 2.0 Litre (1RZ) 1997 -
CH2689	Heater Hose	TOYOTA HiLux LN172 3 Litre (5L & 5LE Diesel) outlet heater to pipe 1997 - 2003, TOYOTA HiLux RZN164 2.7 Litre 3RZ outlet heater to pipe 1997 - , TOYOTA HiLux RZN169R 2.7 Litre 3RZ outlet heater to pipe 1997 - , TOYOTA HiLux LN147R 3 Litre (5L & 5LE Diesel) outlet heater to pipe 1997 - , TOYOTA HiLux LN152 3 Litre (5L & 5LE Diesel) outlet heater to pipe 1998 - 2005, TOYOTA HiLux LN167R 3 Litre (5L & 5LE Diesel) outlet heater to pipe 1997 - 2003, TOYOTA HiLux RZN174 2.7 Litre 3RZ outlet heater to pipe 1997 -
CH2690	Heater Hose	TOYOTA HiLux LN147R 3 Litre (5L & 5LE Diesel) inlet heater to pipe 1997 - , TOYOTA HiLux LN152 3 Litre (5L & 5LE Diesel) inlet heater to pipe 1998 - 2005, TOYOTA HiLux LN167R 3 Litre (5L & 5LE Diesel) inlet heater to pipe 1997 - 2003, TOYOTA HiLux LN172 3 Litre (5L & 5LE Diesel) inlet heater to pipe 1997 - 2003
CH2691	Heater Hose	TOYOTA HiLux LN152 3 Litre (5L & 5LE Diesel) outlet pipe to pipe 1998 - 2005, TOYOTA HiLux LN147R 3 Litre (5L & 5LE Diesel) outlet pipe to pipe 1997 - , TOYOTA HiLux LN172 3 Litre (5L & 5LE Diesel) outlet pipe to pipe 1997 - 2003, TOYOTA HiLux LN167R 3 Litre (5L & 5LE Diesel) outlet pipe to pipe 1997 - 2003
CH2692	Heater Hose Inlet A	TOYOTA HiLux RZN149 2.7 Litre 3RZ 1997 - , TOYOTA HiLux RZN169R 2.7 Litre 3RZ 1997 - , TOYOTA HiLux RZN164 2.7 Litre 3RZ 1997 - , TOYOTA HiLux RZN174 2.7 Litre 3RZ 1997 -
CH2693	Heater Hose From Heater	TOYOTA HiLux EZN147R 2.0 Litre (1RZ) 1997 -
CH2694	Heater Hose without Metal Fitting	TOYOTA HiLux RZN174 2.7 Litre 3RZ 1997 - , TOYOTA HiLux RZN149 2.7 Litre 3RZ 1997 - , TOYOTA HiLux RZN164 2.7 Litre 3RZ 1997 - , TOYOTA HiLux RZN169R 2.7 Litre 3RZ 1997 -
CH2695	Heater Hose	MAZDA Bongo TE-TF 2.4 Litre 4G64 1996 - 1998
CH2696	Bottom Hose	MAZDA Bongo TE-TF 2.4 Litre 4G64 1996 - 1998
CH2697	Bottom Hose	TOYOTA HiLux LN152 3 Litre (5L & 5LE Diesel) Radiator to Pipe 1998 - 2005, TOYOTA HiLux LN147R 3 Litre (5L & 5LE Diesel) Radiator to Pipe 1997 - , TOYOTA HiLux EZN147R 2.0 Litre (1RZ) 1997 -
CH2698	Top Hose	TOYOTA HiLux RZN169R 2.7 Litre 3RZ 1997 - 1999, TOYOTA HiLux RZN149 2.7 Litre 3RZ 1997 - , TOYOTA HiLux RZN174 2.7 Litre 3RZ 1997 - , TOYOTA HiLux RZN164 2.7 Litre 3RZ 1997 -
CH2699	Top Hose	MAZDA Bongo TE-TF 2.4 Litre 4G64 1996 - 1998
CH2700	Heater Hose	MAZDA Bongo TE-TF 2.4 Litre 4G64 1996 - 1998
CH2701	Heater Hose	MAZDA Bongo TE-TF 2.4 Litre 4G64 1996 - 1998
CH2702	Upper Water Pump to Manifold	MAZDA Bongo TE-TF 2.4 Litre 4G64 1996 - 1998
CH2703	Heater Hose Inlet	PEUGEOT 405 1.9 Litre 1989 - 1996
CH2704	Heater Hose Outlet	PEUGEOT 405 1.9 Litre 1989 - 1996



Part No	Location	Application
CH2705	ByPass Hose	PEUGEOT 405 1.9 Litre 1989 - 1996
CH2706	Bottom Hose	MITSUBISHI Nimbus UF 2.4 Litre 16 Valve Eng 2/92 - 1995
CH2707	Top Hose	PEUGEOT 405 1.9 Litre 1989 - 1996
CH2708	Heater Hose	MITSUBISHI Nimbus UF 2.4 Litre 8 Valve Eng B 12/91 - 02/92
CH2709	Heater Hose	MITSUBISHI Nimbus UA - UB Wagon F.W.D. 1.8 Litre B 1984 - 1988, MITSUBISHI Nimbus UC 2.0 Litre B 1988 - 1992
CH2710	Top Hose	MITSUBISHI Nimbus UF 2.4 Litre 16 Valve Eng 2/92 - 1995
CH2711	Heater Hose	DAEWOO Musso DT 5 cyl 2.8 Litre SOHC Inlet 1998 - 2002
CH2712	Heater Hose	DAEWOO Musso DT 5 cyl 2.8 Litre SOHC Outlet 1998 - 2002
CH2713	Top Hose	DAEWOO Musso DT 5 cyl 2.8 Litre SOHC 1998 - 2002
CH2714	Bottom Hose	DAEWOO Musso DT 5 cyl 2.8 Litre SOHC To Pipe 1998 - 2002
CH2715	Throttle Body to Pipe	HYUNDAI EXCEL 1.5 Litre SOHC (G4EKR) 1994 - 1998
CH2716	Heater Hose	HYUNDAI EXCEL 1.5 Litre SOHC (G4EKR) Engine to Pipe 1994 - 1998
CH2717	ByPass Hose	HYUNDAI EXCEL 1.5 Litre SOHC (G4EKR) 1994 - 1998
CH2718	Top Hose	FIAT X1/9 1979 - 1983
CH2719	Top Hose	MERCEDES - BENZ 280SEL 1971 - 1973
CH2720	heater Hose	MITSUBISHI Magna TR 2.6 Litre No 1 1991 - 1994
CH2721	Heater Hose	MITSUBISHI Magna TN -TP 2.6 Litre Lower 1987 - 1991
CH2722	Lower Water Pump to Manifold	MITSUBISHI Magna TN -TP 2.6 Litre TP (Carburetted) 1987 - 1991
CH2723	Heater Hose	MITSUBISHI Magna TR 3.0 Litre V6 No 2 1991 - 1994, MITSUBISHI V3000 3.0 Litre V6 6G72 No 2 NewZealand 1991 - 2001, MITSUBISHI Magna TS 3.0 Litre V6 No 2 1994 - 1996
CH2724	Top Hose	DAEWOO Musso DT 3.2 Litre Petrol DOHC 24 Valve 1996 - 2002
CH2725	Bottom Hose	DAEWOO Musso DT 3.2 Litre Petrol DOHC 24 Valve 1996 - 2002
CH2726	Heater Hose	DAEWOO Musso DT 3.2 Litre Petrol DOHC 24 Valve Outlet 1996 - 2002
CH2727	ByPass Hose	DAEWOO Musso DT 3.2 Litre Petrol DOHC 24 Valve Head to pump 1996 - 2002
CH2728	Overflow Tube to Bottle	DAEWOO Musso DT 3.2 Litre Petrol DOHC 24 Valve 1996 - 2002
CH2729	Top Hose	RENAULT FUEGO 2 Litre 1983 - 1987
CH2730	Bottom Hose	RENAULT FUEGO 2 Litre 1983 - 1987
CH2731	Top Hose	ALFA ROMEO 115 1982 - 1988
CH2733	ByPass Hose (W.P Head)	AUDI 400 Turbo diesel 1982 - 1983
CH2734	Water Pump to Intake Manifold Outlet	MITSUBISHI Magna TS 2.6 Litre 1994 - 1996, MITSUBISHI Magna TR 2.6 Litre 1991 - 1994
CH2735	Heater Hose	MITSUBISHI Magna TN -TP 2.6 Litre Upper 1987 - 1991
CH2736	Heater Hose	MITSUBISHI Magna TN -TP 2.6 Litre Lower Manual Trans TP 1987 - 1991
CH2737	Water Pump to intake manifold Intlet	MITSUBISHI Magna TR 2.6 Litre 1991 - 1994, MITSUBISHI Magna TS 2.6 Litre 1994 - 1996
CH2738	ByPass Hose No 3	TOYOTA Cressida MX83 3.0 Litre 7MGE 1988 - 1993
CH2738	Water Pipe 1 to Engine	TOYOTA Camry VZV21 2.5 Litre 8/88 - 2/93
CH2739	Top Hose	NISSAN PATROL GU (Y61) 4.5 Litre OHV TB45 Petrol 12/97 - 4/00
CH2740	Bottom Hose	NISSAN PATROL GU (Y61) 4.5 Litre OHV TB45 Petrol 12/97 - 4/00
CH2741	Heater Hose	NISSAN PATROL GU (Y61) 4.5 Litre OHV TB45 Petrol Outlet lower core to pipe 12/97 - 4/00
CH2742	Heater Hose	NISSAN PATROL GU (Y61) 4.5 Litre OHV TB45 Petrol Inlet Pipe to upper core 12/97 - 4/00
CH2743	Heater Hose	NISSAN PATROL GU (Y61) 4.5 Litre OHV TB45 Petrol Outlet pipe to engine 12/97 - 4/00
CH2744	Heater Hose	NISSAN PATROL GU (Y61) 4.5 Litre OHV TB45 Petrol Inlet engine to pipe 12/97 - 4/00
CH2745	ByPass Hose	NISSAN PATROL GU (Y61) 4.5 Litre OHV TB45 Petrol Heater return pipe to water inlet 12/97 - 4/00
CH2746	ByPass Hose	NISSAN PATROL GU (Y61) 4.5 Litre OHV TB45 Petrol 3 way pipe to oil cooler 12/97 - 4/00
CH2747	ByPass Hose	NISSAN PATROL GU (Y61) 4.5 Litre OHV TB45 Petrol Thermostat Housing to 3 way pipe 12/97 - 4/00
CH2748	ByPass Hose	NISSAN PATROL GU (Y61) 4.5 Litre OHV TB45 Petrol Throttle body to heater return pipe 12/97 - 4/00
CH2749	Pipe - 4 to Housing	TOYOTA Camry SV21 - SV22 2.0 Litre SV22 7/89 - 2/93
CH2750	Pipe 1 to Engine	TOYOTA Camry SV21 - SV22 2.0 Litre SV22 7/89 - 2/93
CH2751	Pipe 2 to Pipe 3	TOYOTA Camry SV21 - SV22 2.0 Litre SV22 7/89 - 2/93
CH2752	Engine to Pipe 4	TOYOTA Camry SV21 - SV22 2.0 Litre SV22 7/89 - 2/93
CH2752	Pipe 3 to Engine	TOYOTA Camry SV21 - SV22 2.0 Litre SV22 7/89 - 2/93
CH2753	ByPass	TOYOTA Camry SV21 - SV22 2.0 Litre SV22 7/89 - 2/93
CH2754	Heater to Engine	TOYOTA Camry VZV21 2.5 Litre 8/88 - 2/93
CH2755	Water valve to Heater	TOYOTA Camry VZV21 2.5 Litre 8/88 - 2/93
CH2756	Pipe 1 to Pipe 2	TOYOTA Camry VZV21 2.5 Litre 8/88 - 2/93

Part No	Location	Application
CH2757	Engine to Water Valve	TOYOTA Camry VZV21 2.5 Litre 8/88 - 2/93
CH2758	Throttle Body to Engine	TOYOTA Camry SV20 1.8 Litre 1987 - 1989
CH2759	Engine to Throttle Body	TOYOTA Camry SV20 1.8 Litre 1987 - 1989
CH2760	ByPass Hose	MITSUBISHI Magna TN -TP 2.6 Litre Water pump to Intake manifold TP(MPI) 1987 - 1991
CH2761	Heater Hose	MITSUBISHI Magna TR 2.6 Litre No2 1991 - 1994
CH2762	Engine to Throttle Body	TOYOTA Camry SV21 - SV22 2.0 Litre SV21, E.F I 7/89 - 2/93
CH2763	Throttle Body to Engine .	TOYOTA Camry SV21 - SV22 2.0 Litre SV21, E.F I 7/89 - 2/93
CH2764	Heater Hose	HOLDEN Frontera MX 2.2 Litre DOHC 16 Valve to Pipe 1999 -
CH2765	Heater Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS55 2.8 Litre Turbo Diesel 4JB1T Engine to Heater 1988 - 1992
CH2766	ByPass Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS55 2.8 Litre Turbo Diesel 4JB1T Pipe 1 to Thermostat 1988 - 1992, HOLDEN RODEO TF 2.8 Litre 4JB1T (Diesel) Pipe to Thermostat housing(to 12/96) 5/90 - 2003
CH2767	Heater Hose	HONDA CITY 1.2 Litre Inlet 1984 - 1986
CH2768	Heater Hose	HONDA CITY 1.2 Litre Outlet A 1984 - 1986
CH2769	Heater Hose	HONDA CITY 1.2 Litre Outlet B 1984 - 1986
CH2770	Top Hose	HONDA Ascot CITY 1.2 Litre NZ & Export 1984 - 1989, HONDA CITY 1.2 Litre 1984 - 1986
CH2771	Bottom Hose	HONDA Ascot CITY 1.2 Litre Automatic NZ & Export 1984 - 1989, HONDA CITY 1.2 Litre 1984 - 1986
CH2772	Heater Hose	SAAB 9000 1995 - 1998
CH2773	Lower Hose to Overflow Tube	DAEWOO Musso DT 3.2 Litre Petrol DOHC 24 Valve 1996 - 2002
CH2774	Bottom Hose No 2	TOYOTA HiLux RZN164 2.7 Litre 3RZ 1997 - , TOYOTA HiLux RZN169R 2.7 Litre 3RZ 1997 - , TOYOTA HiLux RZN174 2.7 Litre 3RZ 1997 - , TOYOTA HiLux RZN149 2.7 Litre 3RZ 1997 -
CH2775	Heater Hose	MITSUBISHI Magna TN -TP 2.6 Litre Lower Auto Trans TP 1987 - 1991
CH2776	Intake Manifold to Throttle Body	MITSUBISHI Magna TS 2.6 Litre 1994 - 1996
CH2777	ByPass Hose	MITSUBISHI Magna TR 3.0 Litre V6 Thermostat 1991 - 1994, MITSUBISHI Magna TS 3.0 Litre V6 Thermostat 1994 - 1996, MITSUBISHI V3000 3. Litre V6 6G72 Thermostat NewZealand 1991 - 2001
CH2778	ByPass Hose	MITSUBISHI Magna TN -TP 2.6 Litre Adapter to Tube Carby & E.F.I 1987 - 1991
CH2779	Heater Hose	MITSUBISHI Magna TS 3.0 Litre V6 No 1 1994 - 1996, MITSUBISHI V3000 3. Litre V6 6G72 No 1 NewZealand 1991 - 2001, MITSUBISHI Magna TR 3.0 Litre V6 No 1 1991 - 1994
CH2780	ByPass Hose	MITSUBISHI Magna TN -TP 2.6 Litre Pump to Adaptor 1987 - 1991
CH2781	ByPass Hose	MITSUBISHI Magna TN -TP 2.6 Litre Tube to Manifold (MPI) TP 1987 - 1991
CH2782	Surge Tank to Water Outlet	HOLDEN Frontera M7 2 Litre OHC 1995 - 1998
CH2783	Bottom Hose	HOLDEN Frontera MX 2.2 Litre DOHC 16 Valve 1999 -
CH2784	Bottom Hose	HOLDEN Frontera M7 2 Litre OHC 1995 - 1998
CH2785	Heater Hose	HOLDEN Frontera MX 2.2 Litre DOHC 16 Valve Unit to Pipe 1999 -
CH2786	Top Hose	HOLDEN Frontera MX 2.2 Litre DOHC 16 Valve 1999 -
CH2787	Heater Hose	SAAB 9000 2.3 Litre Turbo 1995 - 1998
CH2788	Heater Hose	HOLDEN Frontera M7 2 Litre OHC Return 1995 - 1998
CH2789	ByPass Hose	HOLDEN Frontera M7 2 Litre OHC Water Outlet to Water Pump 1995 - 1998
CH2790	ByPass Hose	HOLDEN Frontera M7 2 Litre OHC Water Outlet to Thermostat 1995 - 1998
CH2791	Heater Hose	HOLDEN Frontera M7 2 Litre OHC Pipe to Pipe 1995 - 1998
CH2792	Heater Hose	HOLDEN Frontera M7 2 Litre OHC 1995 - 1998
CH2793	Heater Hose	HOLDEN Frontera M7 2 Litre OHC Core Feed Hose 1995 - 1998
CH2794	Heater Hose	HOLDEN Frontera M7 2 Litre OHC Core Return Hose 1995 - 1998
CH2795	Top Hose	HOLDEN Frontera MX 3.2 Litre DOHC V6 24 Valve 1999 -
CH2796	Bottom Hose	HOLDEN Frontera MX 3.2 Litre DOHC V6 24 Valve 1999 -
CH2797	Heater Hose	HOLDEN Frontera MX 3.2 Litre DOHC V6 24 Valve Unit to Pipe 1999 -
CH2798	Heater Hose	HOLDEN Frontera MX 2.2 Litre DOHC 16 Valve From Engine 2002 -
CH2799	Heater Hose	HOLDEN Frontera MX 3.2 Litre DOHC V6 24 Valve 1999 -
CH2800	ByPass Hose	HOLDEN Frontera MX 3.2 Litre DOHC V6 24 Valve 1999 -
CH2801	Heater Hose	HOLDEN Frontera MX 2.2 Litre DOHC 16 Valve Housing to Heater 1999 -
CH2802	Heater Hose	HOLDEN Frontera MX 2.2 Litre DOHC 16 Valve Engine to Pipe 1999 -
CH2803	Top Hose	TOYOTA Echo NCP10-12 1999 - , TOYOTA FUN CARGO NCP2 8/99 -
CH2804	Bottom Hose	TOYOTA Echo NCP10-12 1999 - , TOYOTA FUN CARGO NCP2 1NZFE 1.5 16v DOHC EFI 8/99 -
CH2805	ByPass Hose	TOYOTA FUN CARGO NCP2 2NZFE 1.3 16v DOHC EFI 8/99 -
CH2805	Connector Pipe Hose	TOYOTA Echo NCP10-12 1999 -
CH2806	Heater Hose No2	TOYOTA Echo NCP10-12 1999 -
CH2806	Heater Hose Outlet	TOYOTA FUN CARGO NCP2 8/99 -

Part No	Location	Application
CH2807	Heater Hose inlet	TOYOTA FUN CARGO NCP2 8/99 -
CH2807	Heater Hose No 1	TOYOTA Echo NCP10-12 1999 -
CH2808	Top Hose	CHEVROLET /GMC Lumina, Caprice 5.7 Litre V8 (Australian Made) 1997 - 2002, HOLDEN Commodore Statesman VY-WK 5.7 Litre V8 2002 - 2004, HOLDEN Commodore Statesman VT - WH 5.7 Litre V8 1997 - 2000, HOLDEN Commodore Statesman VX-WH 5.7 Litre V8 2000 - 2002, HOLDEN Monaro CV8 5.7 Litre V8 2001 - 2005
CH2811	Heater Hose	CHEVROLET /GMC Lumina, Caprice 5.7 Litre V8 A Tap to Heater (Australian Made) - , CHEVROLET / GMC Lumina, Caprice 5.7 Litre V8 A Tap to Heater (Australian Made) 1997 - 2002, HOLDEN Commodore Statesman VY-WK 5.7 Litre V8 A Tap to Heater 2002 - 2004, HOLDEN Commodore Statesman VT - WH 5.7 Litre V8 A Tap to Heater 1997 - 2000, HOLDEN Commodore Statesman VZ-WL 5.7 Litre V8 A Tap to Heater 2004 - , CHEVROLET /GMC Lumina, Caprice 6 Litre L7 V8 A Tap to Heater (Australian Made) 2006 - , HOLDEN Commodore Statesman VZ-WL 6 Litre L7 V8 A Tap to Heater 2006 -
CH2812	Heater Hose	HOLDEN Commodore Statesman VT - WH 5.7 Litre V8 Tap To Engine Lower 1997 - 2000, CHEVROLET / GMC Lumina, Caprice 5.7 Litre V8 Tap To Engine Lower (Australian Made) 1997 - 2002, HOLDEN Commodore Statesman VY-WK 5.7 Litre V8 Tap To Engine Lower 2002 - 2004, HOLDEN Commodore Statesman VX-WH 5.7 Litre V8 Tap To Engine Lower 2000 - 2002
CH2813	Heater Hose	HOLDEN Commodore Statesman VT - WH 5.7 Litre V8 B Heater to Tap 1997 - 2000, CHEVROLET /GMC Lumina, Caprice 5.7 Litre V8 B Heater to Tap (Australian Made) 1997 - 2002
CH2814	Heater Hose	HOLDEN Commodore Statesman VX-WH 5.7 Litre V8 Tap To Engine Upper 2000 - 2002, CHEVROLET / GMC Lumina, Caprice 5.7 Litre V8 Tap To Engine Upper (Australian Made) 1997 - 2002, HOLDEN Commodore Statesman VY-WK 5.7 Litre V8 Tap To Engine Upper 2002 - 2004, HOLDEN Commodore Statesman VT - WH 5.7 Litre V8 Tap To Engine Upper 1997 - 2000, CHEVROLET /GMC Lumina, Caprice 5.7 Litre V8 Tap To Engine Upper (Australian Made) - , HOLDEN Commodore Statesman VZ-WL 5.7 Litre V8 Tap To Engine Upper 2004 - , CHEVROLET /GMC Lumina, Caprice 6 Litre L7 V8 Tap To Engine Upper (Australian Made) 2006 - , HOLDEN Commodore Statesman VZ-WL 6 Litre L7 V8 Tap To Engine Upper 2006 -
CH2815	Top Hose	HYUNDAI LANTRA 2.0 Litre 5/95 - 5/2000, HYUNDAI LANTRA 1.8 Litre 5/95 - 5/2000
CH2816	Bottom Hose	HYUNDAI LANTRA 2.0 Litre 5/95 - 5/2000
CH2817	Bottom Hose	HYUNDAI LANTRA 1.8 Litre 5/95 - 5/2000
CH2818	Heater Hose	HYUNDAI LANTRA 1.8 Litre (Outlet) 5/95 - 5/2000, HYUNDAI LANTRA 2.0 Litre (Outlet) 5/95 - 5/2000
CH2819	Top Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS55 2.8 Litre Turbo Diesel 4JB1T 1988 - 1992
CH2820	Bottom Hose	MAZDA T3000 4Cyl Diesel 1981 - 1986
CH2821	Bottom Hose	MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2822	Bottom Hose	TOYOTA Dyna YH81 1.8 Litre 2Y 1995 -
CH2823	Bottom Hose	TOYOTA Dyna YH81 1.8 Litre 2Y 1985-95 -
CH2824	Top Hose	TOYOTA Dyna YH81 1.8 Litre 2Y 1985 -
CH2825	Top Hose	NISSAN Homer, Cabstar 1976 - 1980, NISSAN Cabstar Cab/Chassis 1987 - 1992
CH2826	ByPass Hose	FORD Telstar AX - AY 2.0 litre (4Cyl) FS (DOHC) Pipe 1 to Water Outlet 1991 - 1996
CH2826	ByPass Pipe 1 to Water Outlet	MAZDA 626 GD, GV 2.0 Litre FS (DOHC) 1992 - 1997
CH2827	Top Hose	TOYOTA MR2 SW20 2 Litre DOHC 16v 3SGE Engine to Pipe to 10/93 1990 - 1998
CH2828	Top Hose	TOYOTA MR2 SW20 2 Litre DOHC 16v 3SGE Engine to Pipe from 11/93 1990 - 1998
CH2829	Bottom Hose	TOYOTA MR2 SW20 2 Litre DOHC 16v 3SGE Pipe to Radiator 1990 - 1998
CH2829	Top Hose	TOYOTA MR2 SW20 2 Litre DOHC 16v 3SGE Radiator to Pipe 1990 - 1998
CH2830	Bottom Hose	TOYOTA MR2 SW20 2 Litre DOHC 16v 3SGE Radiator to Pipe 1990 - 1998
CH2831	Bottom Hose	TOYOTA MR2 SW20 2 Litre DOHC 16v 3SGE Pipe to Pipe 1990 - 1998
CH2832	Bottom Hose	TOYOTA MR2 SW20 2 Litre DOHC 16v 3SGE Engine to Pipe 1990 - 1998
CH2834	Heater Hose	TOYOTA MR2 SW20 2 Litre DOHC 16v 3SGE Engine to Pipe 1990 - 1998
CH2835	Heater Hose	TOYOTA MR2 SW20 2 Litre DOHC 16v 3SGE Pipe to Valve to 5/96 1990 - 1998
CH2836	Heater Hose	TOYOTA MR2 SW20 2 Litre DOHC 16v 3SGE Valve to Heater 1990 - 1998
CH2837	Heater Hose	TOYOTA MR2 SW20 2 Litre DOHC 16v 3SGE Return Pipe to 5/96 1990 - 1998
CH2838	Heater Hose	TOYOTA MR2 SW20 2 Litre DOHC 16v 3SGE Return Pipe to Engine 1990 - 1998
CH2839	Heater Hose	TOYOTA MR2 SW20 2 Litre DOHC 16v 3SGE Pipe to Valve from 6/96 1990 - 1998
CH2840	Heater Hose	TOYOTA MR2 SW20 2 Litre DOHC 16v 3SGE Return Pipe from 6/96 1990 - 1998
CH2841	Bottom Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS55 2.8 Litre Turbo Diesel 4JB1T 1988 - 1992
CH2842	Heater Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS55 2.8 Litre Turbo Diesel 4JB1T to Pipe 1 1988 - 1992
CH2843	Heater Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS55 2.8 Litre Turbo Diesel 4JB1T Pipe 1 to Water Manifold 1988 - 1992
CH2844	Heater Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS55 2.8 Litre Turbo Diesel 4JB1T to Engine 1988 - 1992
CH2845	Bottom Hose	HONDA CRV 4Cyl 2.0L (4x4) Manual Transmission 1997 - 2001
CH2846	Bottom Hose	NISSAN Cabstar Cab/Chassis 1987 - 1992
CH2847	Top Hose	PEUGEOT 406 2D Coupe 3 Litre V6 1997 - 1999
CH2848	Bottom Hose	PEUGEOT 406 2D Coupe 3 Litre V6 1997 - 1999
CH2849	ByPass Hose	MAZDA 626 GD, GV 2.2 Litre F2 Pipe 1 to Engine 1987 - 1991, MAZDA MX6 2.2 Litre Pipe 1 to Engine 1987 - 1991, FORD Telstar AT - AV 2.2 Litre (F2) pipe1 to Engine 1987 - 1992
CH285	Bottom Hose	MORRIS Model 850, and Mini Minor with Heater 1961 - 1970, MORRIS COOPER S Mk 2 1.3 Litre with Heater 1969 - 1972, MORRIS 5CWT Mini Van 848cc With Heater With Cast Iron Water Pump 1960 - 1962, MORRIS 5CWT Mini Van 848cc With Heater With Cast Iron Water Pump 1962 - 1968, MORRIS MINI DELUXE, COOPER 997 & 998cc with Heater 1965 - 1970
CH2850	Top Hose	TOYOTA Tarago YR22 2.0 Litre 1988 - 1990



Part No	Location	Application
CH2851	Top Hose	DAIHATSU Rocky 2.8 Litre Diesel -
CH2852	ByPass Hose	DAIHATSU Rocky 2.8 Litre Diesel Thermostat to Engine -
CH2853	Top Hose	TOYOTA Dyna YH81 1.8 Lire 2Y 1995 -
CH2854	Bottom Hose	DAIHATSU Feroza 1.6 litre 4 cyl to 9/92 Pipe to Radiator 1988 - 1996
CH2855	Bottom Hose	DAIHATSU Feroza 1.6 litre 4 cyl 9/92 to 8/93 Pipe to Radiator 1988 - 1996
CH2856	Heater Hose	DAIHATSU Feroza 1.6 litre 4 cyl (Inlet) 1988 - 1996
CH2857	Heater Hose	DAIHATSU Feroza 1.6 litre 4 cyl (Outlet) 1988 - 1996
CH2858	Bottom Hose	DAIHATSU Feroza 1.6 litre 4 cyl 9/93 on Pipe to Radiator 1988 - 1996
CH2859	Heater Hose	SAAB 9000 2.3 Litre 1992 - 1998
CH2860	Heater Hose	SAAB 900 2.1 Litre 16Valve 1985 - 1994, SAAB 9000 Turbo CD 1985 - 1998
CH2861	Lower Heater Hose	SAAB 900 (B234) 1994 - 1998
CH2862	Heater Hose	SAAB 9000 2.3 Litre 1992 - 1998
CH2863	Heater Hose	SAAB 99, 900 2.0 Litre Turbo 1979 - 1980
CH2864	Bottom Hose	SAAB 99, 900 2.0 Litre Turbo 1979 - 1980
CH2865	ByPass Hose	SAAB 900 2.0 Litre DOHC 1991-93 1985 - 1988
CH2866	Top Hose	SAAB 9000 V6 1994 - 1996
CH2867	Lower Radiator Hose from Pump	SAAB 900 (B234) 1994 - 1998
CH2868	Bottom Hose	SAAB 900 (B234) 1994 - 1998
CH2870	ByPass Hose	HYUNDAI LANTRA 2.0 Litre Thremostat housing to throttle body (2 Required) 5/95 - 5/2000
CH2870	ByPass Hose Thremostat housing to throttle body (2 Required)	HYUNDAI LANTRA 1.8 Litre 5/95 - 5/2000
CH2871	Heater Hose	HYUNDAI LANTRA 2.0 Litre (Inlet) 5/95 - 5/2000
CH2871	Heater Hose (Inlet)	HYUNDAI LANTRA 1.8 Litre 5/95 - 5/2000
CH2872	ByPass Hose	HYUNDAI LANTRA 2.0 Litre Pipe to Thermostat Housing 5/95 - 5/2000, HYUNDAI LANTRA 1.8 Litre Pipe to Thermostat Housing 5/95 - 5/2000
CH2873	Heater Hose Inlet B	TOYOTA LANDCRUISER FZJ105R 4.5 Litre DOHC 1FZE 1/98 -
CH2874	Heater Hose	DAIHATSU Rocky 2.8 Litre Diesel to Engine -
CH2875	Heater Hose Inlet B	TOYOTA LANDCRUISER HZJ105R 4.2 Litre Diesel 1/98 -
CH2876	ByPass	DAIHATSU Feroza 1.6 litre 4 cyl 88-9/92 Hose Pipe 1 to Themostat 1988 - 1996
CH2877	ByPass Hose	FORD Laser KL 1996 - 1999
CH2878	ByPass Hose	FORD Laser KL 1996 - 1999
CH2879	ByPass	DAIHATSU Feroza 1.6 litre 4 cyl 10/92-96 Hose Pipe 1 to Thermostat 1988 - 1996
CH2880	Top Hose	HOLDEN Astra TS 1.8 Litre X18E, Z18XE 1998 - 2004, CHEVROLET /GMC OPTRA 1.8 Litre Z18XE -
CH2881	Bottom Hose	HOLDEN Astra TS 1.8 Litre X18E, Z18XE 1998 - 2004, CHEVROLET /GMC OPTRA 1.8 Litre Z18XE -
CH2882	Top Hose	MAZDA T3500 4 Cyl Diesel 1984 - 1986
CH2883	Bottom Hose	MAZDA T3500 4 Cyl Diesel 1984 - 1986
CH2884	Top Hose	MAZDA T3000 4Cyl Diesel 1981 - 1986
CH2893	Bottom Hose	NISSAN PATROL GU (Y61) 4.2 Litre (TD42 & TD42T Diesel) 05/98 - 07
CH2894	Top Hose	NISSAN PATROL GU (Y61) 4.2 Litre (TD42 & TD42T Diesel) 05/98 - 07
CH2895	Heater Hose	NISSAN PATROL GU (Y61) 4.2 Litre (TD42 & TD42T Diesel) Inlet Engine to pipe 05/98 - 07
CH2896	Heater Hose	JAGUAR XJ6 III Valve to Heater 1987 - 1988
CH2897	Heater Hose	JAGUAR -
CH2898	Thermostat Outlet Elbow	JAGUAR XJ6 III 1987 - 1988
CH2899	Heater Hose	JAGUAR XJ6 III Valve to Heater 1987 - 1988
CH2900	ByPass Hose	JAGUAR XJ12 5.3 Litre Water Pump to Pipe Hose 1973 - 1979
CH2901	Heater Hose	JAGUAR XJ6 4.2 Litre 1969 - 1981
CH2902	Heater Hose No 2	NISSAN Urvan E24 2.4 Litre Petrol 1987 - 1993
CH2903	Heater Hose	LEXUS IS200 2 Litre 1999 - 2000
CH2904	Bottom Hose	LEXUS IS200 2 Litre 1999 - 2000
CH2905	Heater Hose	LEXUS IS200 2 Litre 1999 - 2000
CH2906	ByPass Hose	LEXUS IS200 2 Litre 1999 - 2000
CH2907	Top Hose	MAZDA 323 Astina KF 2.0 Litre V6 7/1994 - 9/1998
CH2908	Water Pump Connection Hose	NISSAN Urvan E24 2.4 Litre Petrol 1987 - 1993
CH2909	Top Hose	NISSAN Urvan E24 2.4 Litre Petrol 1987 - 1993
CH2910	Heater Hose No 1	NISSAN Urvan E24 2.4 Litre Petrol 1987 - 1993
CH2911	Heater Hose , centre	NISSAN Urvan E24 2.4 Litre Petrol 1987 - 1993

Part No	Location	Application
CH2912	Bottom Hose	NISSAN Urvan E24 2.4 Litre Petrol 1987 - 1993
CH2913	Heater Hose Front No 3	NISSAN Urvan E24 2.4 Litre Petrol 1987 - 1993
CH2914	Heater Hose Rear	NISSAN Urvan E24 2.4 Litre Petrol 1987 - 1993
CH2915	Heater Hose Front No5	NISSAN Urvan E24 2.4 Litre Petrol 1987 - 1993
CH2916	Top Hose	TOYOTA HiAce SBV 2.4 L (2RZ-E) 1995 -
CH2917	Bottom Hose	TOYOTA HiAce SBV 2.4 L (2RZ-E) 1995 -
CH2918	ByPass Hose	TOYOTA HiAce SBV 2.4 L (2RZ-E) 1995 -
CH2919	Heater Hose Outlet	TOYOTA HiAce SBV 2.4 L (2RZ-E) 1995 -
CH2920	Heater Hose	KIA SPORTAGE JA523 2.0 Litre FE No1 8/99 - 6/04
CH2921	Heater Hose	KIA SPORTAGE JA523 2.0 Litre FE No 2 8/99 - 6/04
CH2922	Bottom Hose	DAIHATSU Rocky 2.8 Litre Diesel 1984-93 also T/Diesel -
CH2923	Heater Hose	DAIHATSU Rocky 2.8 Litre Diesel Engine to Heater -
CH2924	Top Hose	DAIHATSU Feroza 1.6 litre 4 cyl 8/93-96 1988 - 1996
CH2925	Bottom Hose	DAIHATSU Feroza 1.6 litre 4 cyl Pipe to Engine 1988 - 1996
CH2926	Bottom Hose	MAZDA 323 Astina KF 2.0 Litre V6 7/1994 - 9/1998
CH2928	Top Hose	ROVER Range Rover VA 4 & 4.6 Litre V8 1995 - 1997
CH2929	Bottom Hose to Engine	ROVER Range Rover VA 4 & 4.6 Litre V8 1995 - 1997
CH2930	Bottom Hose	ROVER Range Rover VA 4 & 4.6 Litre V8 1995 - 1997
CH2931	ByPass Hose	ROVER Range Rover VA 4 & 4.6 Litre V8 1995 - 1997
CH2932	ByPass Hose	ROVER Range Rover VA 4 & 4.6 Litre V8 1995 - 1997
CH2933	Heater Hose Inlet	ROVER Range Rover VA 4 & 4.6 Litre V8 1995 - 1997
CH2934	Heater Hose	ROVER Range Rover VA 4 & 4.6 Litre V8 1995 - 1997
CH2935	Top Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2936	Bottom Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2937	Throttle Body Water Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2938	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2939	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2940	Bottom Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2941	Top Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2942	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2943	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2944	ByPass Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2945	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2946	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2947	ByPass Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2948	Top Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2949	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2950	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2950	Heater Hose No1	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2951	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2952	Heater Hose Outlet	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2953	Heater Hose Outlet	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2954	Top Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2955	Heater Heater	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2956	Bottom Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2957	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2958	Bottom Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2959	Top Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2960	Top Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2961	Hose Water Pump to Pipe	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002
CH2962	Bottom Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 Astina 1.8 Litre FPD 1998 - 2000, MAZDA 323 2.0 Litre 1998 - 2002, FORD Laser KN - KQ 1.8 Litre ZP 1999 - 2002

Part No	Location	Application
CH2963	Bottom Hose	DAEWOO Tacuma 2.0 Litre Manual 2000 - 2001
CH2964	Heater Hose	DAEWOO Tacuma 2.0 Litre Return 2000 - 2001
CH2965	Heater Hose	DAEWOO Tacuma 2.0 Litre Feed 2000 - 2001
CH2966	Top Hose	DAEWOO Tacuma 2.0 Litre Feed 2000 - 2001
CH2967	Bottom Hose	DAEWOO Tacuma 2.0 Litre Return 2000 - 2001
CH2968	Heater Hose	DAEWOO Tacuma 2.0 Litre Feed 2000 - 2001
CH2969	Top Hose	DAEWOO Tacuma 2.0 Litre Return 2000 - 2001
CH2970	Bottom Hose	DAEWOO Lanos T100 SX - Sport 1.6 Litre DOHC A16DMS Water Pump to Pipe 1997 - 2001, DAEWOO Lanos T100 1.5 Litre (SOHC) 8Valve A15SMS Water Pump to Pipe 1997 - 2003
CH2971	Heater Hose	DAEWOO Lanos T100 SX - Sport 1.6 Litre DOHC A16DMS Return Hose (Manual Transmission) 1997 - 2001
CH2972	Heater Hose	DAEWOO Lanos T100 SX - Sport 1.6 Litre DOHC A16DMS Feed Hose 1997 - 2001
CH2973	ByPass Hose	MAZDA 323 Astina 1.6 Litre ZM Water 1998 - 2000, FORD Laser KN - KQ 1.6 Litre ZM Water 1999 - 2002
CH2974	ByPass Hose	MAZDA 323 Astina 1.6 Litre ZM Water 1998 - 2000, FORD Laser KN - KQ 1.6 Litre ZM Water 1999 - 2002
CH2975	Top Hose	DAEWOO Matiz M100 800cc 1999 - 7/02
CH2976	Bottom Hose	DAEWOO Matiz M100 800cc 1999 - 7/02
CH2977	Water Pump to pipe	DAEWOO Matiz M100 800cc 1999 - 7/02
CH2978	Heater Hose	DAEWOO Matiz M100 800cc Feed Hose 1999 - 7/02
CH2979	Heater Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH2980	Heater Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH2981	Heater Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH2982	Heater Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH2983	Heater Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH2984	Throttle Body Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH2985	Throttle Body Water Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH2986	Bottom Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH2987	Top Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH2988	Bottom Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH2989	Bottom Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH2990	Heater Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH2991	Heater Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH2992	Heater Hose Inlet	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH2993	Cold start (Emission) Valve Bottom Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH2994	Cold start (Emission) Valve Top Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH2995	ByPass Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH2997	Heater Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH2998	Bottom Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH2999	Bottom Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH3000	Bottom Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH3001	Bottom Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH3002	Heater Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH3003	ByPass Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH3004	Heater Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH3005	Top Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH3006	Bottom Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH3007	Top Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH3008	Top Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH3009	Top Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02
CH3010	Top Hose	DAEWOO Matiz M100 800cc Return Hose 1999 - 7/02



Part No	Location	Application
CH3011	Bottom Hose	TOYOTA Corolla AE 100G 1.5 Litre 54-FS NZ and Imported - , TOYOTA Corolla 1.6 Litre 4AFE 16 valve NZ & Export 1995 - 1998
CH3012	Heater Hose	FORD Transit VE 2.5 Litre Diesel Inlet 1994 - 1996
CH3013	Heater Hose	FORD Transit VE 2.5 Litre Diesel Outlet 1994 - 1996
CH3015	Bottom Hose	TOYOTA Lite Ace Turbo Diesel CR30G CR37G NZ & Export -
CH3016	Bottom Hose	TOYOTA HiLux KZN130GW 3.0 Litre 1KZ-TE NZ and Imported 1993 - 1996
CH3017	Top Hose	TOYOTA Lite Ace Turbo Diesel CR30G CR37G NZ & Export -
CH3020	Heater Hose	DAEWOO Lanos T100 SX - Sport 1.6 Litre DOHC A16DMS Return Hose (Auto Transmission) 1997 - 2001
CH3021	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3022	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3023	Bottom Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3024	Bottom Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3025	Heater Hose Inlet	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3026	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3026	Heater Hose No 2	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3027	Top Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3028	Bottom Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3029	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3030	ByPass hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3031	Heater Tank Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3031	Heater Tank Hose B	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3032	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3033	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3034	Heater Tank Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3035	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3036	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3037	Top Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3038	Bottom Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3039	Top Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3040	Bottom Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3041	Top Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3042	Bottom Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3043	Top Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3044	ByPass Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3045	Heater Hose Inlet B (with rear Heater)	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3046	Heater Hose Inlet A	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3047	Bottom Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3048	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3049	Top Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3050	Bottom Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3051	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3052	Heater Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3053	Top Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3054	Bottom Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3055	Heater Inlet Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3056	Heater Hose Outlet	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3057	Top Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002

Part No	Location	Application
CH3058	Bottom Hose	NISSAN Terrano KA24 2.4 Litre 1997 - 2000
CH3059	Heater Inlet Hose	NISSAN Terrano KA24 2.4 Litre 1997 - 2000
CH3060	Heater Outlet Hose	NISSAN Terrano KA24 2.4 Litre 1997 - 2000
CH3061	ByPass Hose	HOLDEN Commodore Statesman VT - WH 3.8 Litre V6 Supercharged Thermostat to pipe 1997 - 2000, HOLDEN Commodore Statesman VT - WH 3.8 Litre V6 Supercharged Pipe to Thermostat Housing 1997 - 2000, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L67) V6 12V OHV Supercharged Pipe to Thermostat Housing 2002 - 2004, HOLDEN Commodore Statesman VS - VQ series II 3.8 Litre V6 Supercharged Thermostat to pipe 1997 - 2000, HOLDEN Commodore Statesman VX & WH 3.8 Litre (L67) V6 12V OHV Supercharged Pipe to Thermostat Housing 2000 - 2002
CH3062	Bottom Hose	TOYOTA Cynos EL44 1.5 Litre 5E-FE NZ and Imported 1991 - 1995
CH3063	Bottom Hose	TOYOTA Corona TT132R 1.8 Litre 3T 1980 - 1982
CH3065	Top Hose	TOYOTA Corona TT132R 1.8 Litre 3T 1980 - 1982
CH3066	Bottom Hose 1992-93	TOYOTA Lite Ace Turbo Diesel CR30G CR37G NZ & Export -
CH3067	Top Hose	MAZDA Bravo 2.6 Litre 1996 - 1998, FORD Courier PE 2.6 Litre G6 1998 - 2002, FORD Courier PD 2.6 litre Petrol 1996 - 1998, FORD Courier PG 2.6 Litre G6 2002 - 2007, MAZDA Bravo 2.6 Litre G6 1998 - 2007
CH3068	Bottom Hose	FORD Courier PD 2.6 litre Petrol 1996 - 1998, MAZDA Bravo 2.6 Litre 1996 - 1998, FORD Courier PE 2.6 Litre G6 1998 - 2002, MAZDA Bravo 2.6 Litre G6 1998 - 2007, FORD Courier PG 2.6 Litre G6 2002 - 2007
CH3069	Top Hose	TOYOTA HiLux LN130N 2L-TE Surf 1992 -
CH3071	ByPass Hose	TOYOTA HiLux LN85 2.4 Litre (2L) Diesel 1990 - 1992, TOYOTA HiLux LN86 - 106 2.8 Litre (3L) Diesel 1988 - 8/97, TOYOTA HiLux LN107R 2.8 Litre (3L) Diesel 1991 - 11/97
CH3071	Valve to Heater Hose	TOYOTA 4 Runner 2.4 Litre 22R 1989 - 1996
CH3072	Heater Inlet Hose No3	TOYOTA LANDCRUISER 80 Series 4.2 litre 1HD-FT (Turbo 24 Valve) Diesel 1990 - 1996
CH3073	Heater Hose	TOYOTA LANDCRUISER HZJ 80 4.2 Litre 1 HZ Diesel Rear Outlet 1990 - 1998
CH3073	Heater Hose Rear Outlet	TOYOTA LANDCRUISER 80 Series 4.2 litre 1HD-FT (Turbo 24 Valve) Diesel 1990 - 1996
CH3074	Valve to Heater Hose	TOYOTA Corolla AE80 1.3 Litre 2AC 1985 - 1987, TOYOTA Corolla AE82 1.6 Litre 4AGE 1/86 - 12/88, TOYOTA Corolla AE82 1.6 Litre 4AC/4ALC 1984 - 1989
CH3075	ByPass No 2	TOYOTA LANDCRUISER 80 Series 4.2 litre 1HD-FT (Turbo 24 Valve) Diesel 1990 - 1996, TOYOTA LANDCRUISER HZJ105R 4.2 Litre Diesel 1/98 -
CH3076	Heater Hose	TOYOTA LANDCRUISER HZJ 80 4.2 Litre 1 HZ Diesel Outlet 1990 - 1998
CH3076	Heater Hose Outlet	TOYOTA LANDCRUISER 80 Series 4.2 litre 1HD-FT (Turbo 24 Valve) Diesel 1990 - 1996
CH3077	Top Hose	CHRYSLER Jeep Grand Cherokee ZG 4.0 Litre MX 1996 - 1999
CH3078	Bottom Hose	CHRYSLER Jeep Grand Cherokee ZG 4.0 Litre MX 1996 - 1999
CH3079	ByPass No1	TOYOTA LANDCRUISER HZJ105R 4.2 Litre Diesel 1/98 - , TOYOTA LANDCRUISER 80 Series 4.2 litre 1HD-FT (Turbo 24 Valve) Diesel 1990 - 1996
CH3080	Turbo Charger Water	TOYOTA LANDCRUISER 80 Series 4.2 litre 1HD-FT (Turbo 24 Valve) Diesel 1990 - 1996
CH3080	Turbo Water Hose	TOYOTA LANDCRUISER HDJ100R 4.2 Litre Turbo Diesel 2000 - 2002
CH3081	Heater Hose	LEXUS IS200 2 Litre 1999 - 2000
CH3082	Top Hose	LEXUS IS200 2 Litre 1999 - 2000
CH3083	ByPass Hose	LEXUS IS200 2 Litre 1999 - 2000
CH3084	ByPass Hose	MITSUBISHI L300 Express, Star Wagon SF 2.4 Litre Petrol all except Starwagon SE 1986 - 1990
CH3085	Heater hose	FORD Laser KF - KH to engine less fitting 1990 - 1994, MAZDA 323 Astina BG10 to engine less fitting 1989 - 1996
CH3086	Top Hose	TOYOTA Corolla AE95 1.6 Litre 1990 - 1994
CH3087	Lower Radiator to Thermostat Manual Trans	TOYOTA PASEO 1.5 Litre 5EFE 1996 -
CH3088	Radiator To Reservoir	HOLDEN NOVA LG 1.6 , 1.8 Litre 1994 - 1996
CH3090	Top Hose	TOYOTA PASEO 1.5 Litre 5EFE 1996 -
CH3091	ByPass Hose	LEXUS IS200 2 Litre 1999 - 2000
CH3092	Heater Hose Inlet rear heater	TOYOTA LANDCRUISER FZJ105R 4.5 Litre DOHC 1FZE 1/98 -
CH3093	Heater Hose Inlet A	TOYOTA LANDCRUISER FZJ105R 4.5 Litre DOHC 1FZE 1/98 -
CH3094	Top Hose	DAIHATSU Feroza 1.6 litre 4 cyl 88-8/93 1988 - 1996
CH3095	Top Hose	MITSUBISHI Triton MK 2.4 Litre 4G64 10/96 - 2006
CH3096	Top Hose	MITSUBISHI L200 Express Utility Chassis K77 2.8 Litre 4M40 Diesel 4WD High capacity radiator 06/96 - 1/03, MITSUBISHI Triton MK Chassis K77 2.8 Litre 4M40 Diesel 4WD High capacity radiator 06/96 - 1/03
CH3097	Top Hose	MITSUBISHI Triton MK 3.0 Litre 6G72 10/96 - 2005
CH3098	Bottom Hose	MITSUBISHI Triton MK Chassis K77 2.8 Litre 4M40 Diesel 4WD to 3/97 High capacity radiator 06/96 - 1/03, MITSUBISHI L200 Express Utility Chassis K77 2.8 Litre 4M40 Diesel 4WD to 3/97 High capacity radiator 06/96 - 1/03

Part No	Location	Application
CH3099	Bottom Hose	<p> <b>CH3099</b> Bottom Hose MITSUBISHI L200 Express Utility Chassis K67 2.8 Litre 4M40 Diesel 2WD 06/96 - 1/03, MITSUBISHI Triton MK Chassis K67 2.8 Litre 4M40 Diesel 2WD 06/96 - 1/03, MITSUBISHI Triton MK Chassis K77 2.8 Litre 4M40 Diesel 4WD to 4/98 STD Capacity Radiator 06/96 - 1/03, MITSUBISHI L200 Express Utility Chassis K77 2.8 Litre 4M40 Diesel 4WD to 4/98 STD Capacity Radiator 06/96 - 1/03 </p>
CH3100	Bottom Hose	<p> <b>CH3100</b> Bottom Hose MITSUBISHI Triton MK 3.0 Litre 6G72 10/96 - 2005 </p>
CH3101	Bottom Hose	<p> <b>CH3101</b> Bottom Hose MITSUBISHI Triton MK 2.4 Litre 4G64 Auto Transmission 10/96 - 2006 </p>
CH3102	Bottom Hose	<p> <b>CH3102</b> Bottom Hose MITSUBISHI Triton MK 2.4 Litre 4G64 Manual Transmission 10/96 - 2006 </p>
CH3103	Top Hose	<p> <b>CH3103</b> Top Hose NISSAN PATROL GU II &amp; III 3.0 Litre ZD30 Turbo Diesel 02/2000-8/06 2000 - </p>
CH3104	Bottom Hose	<p> <b>CH3104</b> Bottom Hose NISSAN PATROL GU II &amp; III 3.0 Litre ZD30 Turbo Diesel 02/2000-8/06 2000 - </p>
CH3105	Turbo Hose Short	<p> <b>CH3105</b> Turbo Hose Short NISSAN PATROL GU II &amp; III 3.0 Litre ZD30 Turbo Diesel 02/2000-8/06 2000 - </p>
CH3106	Turbo Hose	<p> <b>CH3106</b> Turbo Hose NISSAN PATROL GU II &amp; III 3.0 Litre ZD30 Turbo Diesel 02/2000-8/06 2000 - </p>
CH3107	Turbo Hose Cold Side	<p> <b>CH3107</b> Turbo Hose Cold Side NISSAN PATROL GU II &amp; III 3.0 Litre ZD30 Turbo Diesel 02/2000-8/06 2000 - </p>
CH3108	Heater hose	<p> <b>CH3108</b> Heater hose HYUNDAI EXCEL 1.5 Litre (G4AJ) to Engine 6/87 to 5/88 1986 - 1989 </p>
CH3109	Bottom Hose No1	<p> <b>CH3109</b> Bottom Hose No1 TOYOTA LANDCRUISER HDJ100R 4.2 Litre Turbo Diesel 2000 - 2002 </p>
CH3110	Heater Hose Rear Inlet	<p> <b>CH3110</b> Heater Hose Rear Inlet TOYOTA LANDCRUISER HDJ100R 4.2 Litre Turbo Diesel 2000 - 2002 </p>
CH3111	Top Hose	<p> <b>CH3111</b> Top Hose FORD Falcon / Fairlane AU 4.9 Litre (V8) 9/98 - 2002 </p>
CH3112	ByPass Hose	<p> <b>CH3112</b> ByPass Hose HYUNDAI EXCEL 1.5 Litre (G4AJ) Engine to Pipe 6/87 to 5/89 1986 - 1989 </p>
CH3113	Turbo Hose	<p> <b>CH3113</b> Turbo Hose LANDROVER Discovery 2.4 Litre Turbo Diesel Intake 1997 - 1999 </p>
CH3114	Expansion Tank Hose	<p> <b>CH3114</b> Expansion Tank Hose VOLVO 740/760 4Cyl (2316cc) 1984 - 1993 </p>
CH3115	Heater Hose Outlet	<p> <b>CH3115</b> Heater Hose Outlet NISSAN PATHFINDER R50 3.3 Litre V6 (VG33E) 1995 - 2005 </p>
CH3116	Heater Hose Inlet	<p> <b>CH3116</b> Heater Hose Inlet NISSAN PATHFINDER R50 3.3 Litre V6 (VG33E) 1995 - 2005 </p>
CH3117	ByPass Pipe 3 to Engine	<p> <b>CH3117</b> ByPass Pipe 3 to Engine NISSAN PATROL GQ (Y60) 4.2 Litre (TB42) 6 Cyl (Petrol) EFI only 1988 - 1997 </p>
CH3118	ByPass Throttle body to Pipe	<p> <b>CH3118</b> ByPass Throttle body to Pipe NISSAN PATROL GQ (Y60) 4.2 Litre (TB42) 6 Cyl (Petrol) EFI only 1988 - 1997 </p>
CH3119	ByPass Pipe 2 Engine to Pipe	<p> <b>CH3119</b> ByPass Pipe 2 Engine to Pipe NISSAN PATROL GQ (Y60) 4.2 Litre (TB42) 6 Cyl (Petrol) EFI only 1988 - 1997 </p>
CH3120	Heater Hose from Eng No1	<p> <b>CH3120</b> Heater Hose from Eng No1 NISSAN PATROL GQ (Y60) 4.2 Litre (TB42) 6 Cyl (Petrol) EFI only 1988 - 1997 </p>
CH3121	Bottom Hose	<p> <b>CH3121</b> Bottom Hose NISSAN 300ZX 3.0 Litre V6 DOHC (VG30) NZ &amp; Export 1989 - 1993 </p>
CH3123	Top Hose	<p> <b>CH3123</b> Top Hose NISSAN 300ZX 3.0 Litre V6 DOHC (VG30) NZ &amp; Export 1989 - 1993 </p>
CH3124	Bottom Hose	<p> <b>CH3124</b> Bottom Hose NISSAN Skyline R33 (RB25DE(T)) NZ &amp; Export 1991 - 1997, NISSAN Skyline R32 (RB20DE(T)) NZ &amp; Export 1989 - 1993, NISSAN Skyline R32 2.6 Litre RB26DETT 1989 - , NISSAN Skyline HR33 2.0 Litre (RB20DE) NZ &amp; Export 1989 - 1993, NISSAN Skyline R33 RB25DE(t) 8/93 - 5/98 </p>
CH3125	Top Hose	<p> <b>CH3125</b> Top Hose NISSAN Sentra 1.5 Litre (GA15DE) NZ &amp; Export 1996 - 1999, NISSAN Pulsar N15 1.6 Litre GA16DE 08/95-10/99 1995 - 1999 </p>
CH3126	Bottom Hose	<p> <b>CH3126</b> Bottom Hose NISSAN Sentra 1.5 Litre (GA15DE) NZ &amp; Export 1996 - 1999 </p>
CH3127	Top Hose	<p> <b>CH3127</b> Top Hose NISSAN Vanette C22 (LD20II) Diesel NZ &amp; Export 1986 - 1990 </p>
CH3128	Bottom Hose	<p> <b>CH3128</b> Bottom Hose NISSAN Vanette C120 1.2 Litre (A12) 1982 - 1989, NISSAN Vanette C20 5/83 - 12/86 </p>
CH3129	Bottom Hose	<p> <b>CH3129</b> Bottom Hose CHRYSLER Jeep Grand Cherokee WJ-WG 4.7 Litre V8 Electric Fan 1999 - 2000 </p>
CH313	Bottom Hose	<p> <b>CH313</b> Bottom Hose HOLDEN GEMINI TF - TG 1.8 Litre (Diesel) 1982 - 1984, HOLDEN EK Manual &amp; Auto Trans. 1961 - 1962, HOLDEN FE, FC, FB Manual Trans. 1956 - 1961, HOLDEN EJ 1962 - 1963, HOLDEN GEMINI TE 1.8 litre (Diesel) 1979 - 1982 </p>
CH3130	Top Hose	<p> <b>CH3130</b> Top Hose NISSAN Navara D21 2.7 Litre Diesel NZ &amp; Export 1987 - 1996, NISSAN Navara D21 2.7 Litre Diesel to 10/95 1987 - 1996 </p>
CH3131	Bottom Hose	<p> <b>CH3131</b> Bottom Hose CHRYSLER Jeep Cherokee KJ 3.7 Litre V6 SOHC 12V 2001 - 2002 </p>
CH3132	Top Hose	<p> <b>CH3132</b> Top Hose NISSAN NX Coupe 4 Cyl 10/90 - 1995 </p>
CH3133	Top Hose	<p> <b>CH3133</b> Top Hose NISSAN EXA 1.6 &amp; 1.8 Litre 1986 - 1990 </p>
CH3134	Bottom Hose	<p> <b>CH3134</b> Bottom Hose CHRYSLER Jeep Grand Cherokee WJ-WG 4.7 Litre V8 Hydraulic Fan 2001 - 2002, CHRYSLER Jeep Grand Cherokee WJ-WG 4.7 Litre V8 Hydraulic Fan 2002 - 2005 </p>
CH3135	Top Hose	<p> <b>CH3135</b> Top Hose CHRYSLER Jeep Grand Cherokee WJ-WG 4.7 Litre V8 Electric Fan 1999 - 2000 </p>
CH3136	Top Hose	<p> <b>CH3136</b> Top Hose CHRYSLER Jeep Grand Cherokee WJ-WG 4.7 Litre V8 Hydraulic Fan 2001 - 2002 </p>
CH3137	Top Hose	<p> <b>CH3137</b> Top Hose CHRYSLER Jeep Cherokee KJ 3.7 Litre V6 SOHC 12V 2001 - 2002 </p>
CH3138	Top Hose	<p> <b>CH3138</b> Top Hose TOYOTA LANDCRUISER FZJ78-79 4.5 Litre DOHC 1FZ-FE Petrol 8/99 - </p>
CH3139	Vacuum Servo Brake Hose	<p> <b>CH3139</b> Vacuum Servo Brake Hose HOLDEN Commodore Statesman VP - VQ Series II 3.8 Litre V6 1991 - 1994, HOLDEN Commodore Statesman VR -VQ Series II 3.8 Litre V6 1994 - 1995 </p>
CH3140	Power Steering Return Hose	<p> <b>CH3140</b> Power Steering Return Hose HOLDEN Commodore Statesman VP - VQ Series II 3.8 Litre V6 1991 - 1994, HOLDEN Commodore Statesman VR -VQ Series II 3.8 Litre V6 1994 - 1995 </p>
CH3140	Power Steering Hose	<p> <b>CH3140</b> Power Steering Hose HOLDEN Commodore Statesman VS - VQ series II 5.0 Litre V8 Return Pipe to reservoir 1995 - 1997 </p>
CH3141	Bottom Hose	<p> <b>CH3141</b> Bottom Hose NISSAN EXA 1.6 &amp; 1.8 Litre 1986 - 1990 </p>
CH3142	Heater Hose	<p> <b>CH3142</b> Heater Hose NISSAN EXA 1.6 &amp; 1.8 Litre 1986 - 1990 </p>
CH3143	Top Hose	<p> <b>CH3143</b> Top Hose NISSAN 180SX 1.8 Litre S13 NZ &amp; Export 1990 - 1992, NISSAN Silvia S13 (CA18DET) 1.8 Litre Turbo NZ &amp; Export 1988 - 1992 </p>
CH3144	Heater Hose	<p> <b>CH3144</b> Heater Hose NISSAN EXA 1.6 &amp; 1.8 Litre 1986 - 1990 </p>



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CH3145	Bottom Hose	NISSAN Bluebird RU12 1.8 Litre CA18DE NZ & Export 1987 - 1991
CH3146	Bottom Hose	NISSAN Bluebird U11 2.0 Litre (CA20) NZ & Export 1983 - 1989
CH3147	Bottom Hose	NISSAN Bluebird HU12 2.0 litre SR20DE NZ & Export 1989 - 1991
CH3148	Bottom Hose	NISSAN Bluebird U11 (CD20) 2.0 Litre Diesel NZ & Export 1991 - 1996
CH3149	Bottom Hose	NISSAN Prairie M11/NM11 2.0 Litre (CA20S) SOHC Carby Model (NZ & Export) 1988 - 1990, NISSAN Bluebird U11 CA16S/18S NZ & Export CA16 1987-89 1983 - 8/85
CH3150	Bottom Hose	NISSAN Bluebird U11 (LD20) 2.0 Litre Deisel NZ & Export -
CH3151	Bottom Hose	NISSAN Bluebird RU12 (LD20II) 2.0 Litre Diesel NZ & Export 1987 - 1992
CH3152	Bottom Hose	NISSAN S-Cargo 1.5 Litre (E15 SOHC) NZ & Export 1988 - 1990
CH3153	Bottom Hose	NISSAN Vanette C22 2.0 Litre (CA20) NZ & Export 1986 - 1990
CH3154	Bottom Hose	NISSAN Vanette C22 1.5 Litre (A15) NZ & Export 1988 - 1990
CH3155	Bottom Hose	NISSAN Avenir VSW10 2.0 Litre Diesel (CD20) NZ & Export 1990 - 1994
CH3156	Bottom Hose Carby	NISSAN Pulsar FN14 1.5 Litre (GA15DS) NZ & Export 1990 - 1995
CH3157	Bottom Hose	NISSAN Urvan E24 2.0 Litre (Z20) NZ & Export 1989 - 1992
CH3158	Bottom Hose	NISSAN Sentra UN13DFU (GA14S) 1.4 Litre NZ & Export 1989 - 1993
CH3159	Bottom Hose	NISSAN Sentra BN13DFU (E13S) 1.3 Litre NZ & Export 1987 - 1989
CH3160	Bottom Hose	NISSAN Silvia S13 (CA18DET) 1.8 Litre Turbo 1988 - 1992, NISSAN 180SX 1.8 Litre S13 NZ & Export 1990 - 1992
CH3161	Bottom Hose	NISSAN Mistral YR20 2.5 T/Diesel (TD27BT) Cut to suit Temp sender NZ & Export -, NISSAN Terrano TD27 2.7 Litre Diesel Cut to suit temp sender 1993 - 1996
CH3162	Bottom Hose	NISSAN Serena KVC23 (CD20) 2.0 Litre Diesel 1992 - 1996, NISSAN Serena C32 2.0 Litre SR20DE 1991 - 1995
CH3163	Bottom Hose	NISSAN Laurel SC32 (RD28) 2.8 Litre NZ & Export 1986 - 1989
CH3164	Bottom Hose	NISSAN Laurel SC33 (RD28) 2.8 Litre NZ & Export 1989 - 1993
CH3165	Bottom Hose	NISSAN Cefiro PA32 (VQ250E) 2.5 Litre V6 NZ & Export 1994 - 1998
CH3166	Heater Hose	TOYOTA Corolla AE95 1.6 Litre 1990 - 1994
CH3167	Heater Hose	TOYOTA Corolla AE95 1.6 Litre 1990 - 1994
CH3168	ByPass	FORD Laser KJ 2 & 3 1.6 & 1.8 Litre (B6, BP) Throttle Body to Head 1994 - 1998
CH3168	ByPass Hose	MAZDA 323 Astina 1.8 L DOHC BG10P & BA11P Throttle Body to Head 7/1994 - 1998
CH3169	ByPass	FORD Laser KJ 2 & 3 1.6 & 1.8 Litre (B6, BP) Pipe to Throttle Body 1994 - 1998
CH3169	ByPass Hose	FORD Laser KF - KH 1.8 Litre Engine Pipe to Throttle Body 1990 - 1994, MAZDA 323 Astina 1.8 L DOHC BG10P & BA11P pipe to Throttle Body 7/1994 - 1998, MAZDA 323 Astina BG10 Pipe to Throttle Body 1.8 Litre Engine 1989 - 1996
CH3171	Bottom Hose	MAZDA 323 Astina 1.8 L DOHC BG10P & BA11P 7/1994 - 1998, FORD Laser KJ 2 & 3 1.6 & 1.8 Litre (B6, BP) 1.8 Litre Engine 1994 - 1998
CH3173	Top Hose	SAAB 99 1.7, 1.8, 2.0 Litre 1973 - 1978
CH3174	Top Hose	CHEVROLET /GMC 350 1992 - 1995
CH3175	Top Hose	CHEVROLET /GMC C & K Pick-Up 7.4 Litre 1988 - 1995, CHEVROLET /GMC Suburban 7.4 Litre 1988 - 1995
CH3176	Bottom Hose	CHEVROLET /GMC El Camino 3.8, 4.3, 4.4, 5.0, 5.7 Litre 1982 - 1990, CHEVROLET /GMC Malibu 3.8, 4.3, 4.4, 5.0, 5.7 Litre 1982 - 1990, CHEVROLET /GMC Caballero 3.8, 4.3, 4.4, 5.0, 5.7 Litre 1982 - 1990, CHEVROLET /GMC Monte Carlo 3.8, 4.3, 4.4, 5.0, 5.7 Litre 1982 - 1990, CHEVROLET /GMC Impala 3.8, 4.3, 4.4, 5.0, 5.7 Litre 1982 - 1990
CH3177	Top Hose	CHEVROLET /GMC Suburban 7.4 Litre 1989 - 1995, CHEVROLET /GMC 454SS 7.4 Litre 1996 - 1999, CHEVROLET /GMC R & V 7.4 Litre 1989 - 1991, CHEVROLET /GMC C & K Pick-Up 7.4 Litre 1988 - 1995
CH3178	Bottom Hose	CHEVROLET /GMC C & K Pick-Up 5.0, 5.7 Litre 1988 - 1997, CHEVROLET /GMC Yukon 5.0 & 5.7 Litre (With 34 inch wide rad up to 1995) 1988 - 1997, CHEVROLET /GMC Suburban 5.0 & 5.7 Litre 1988 - 1997, CHEVROLET /GMC Tahoe 5.0, 5.7 Litre 1988 - 1997
CH3179	Bottom Hose	CHEVROLET /GMC Caprice 5.0, 5.7 Litre USA Manufacture 1991 - 1993
CH318	Bottom Hose	FORD Zephyr 1956 - 1962
CH3180	Bottom Hose	CHEVROLET /GMC C & K Pick-Up 7.4 Litre 1988 - 1997, CHEVROLET /GMC 454SS 7.4 Litre 1988 - 1997, CHEVROLET /GMC Suburban 7.4 Litre 1988 - 1997
CH3181	Top Hose	CHEVROLET /GMC Caprice 5.0, 5.7 Litre USA Manufacture 1991 - 1993
CH3182	Top Hose	CHEVROLET /GMC Impala 5.0, 5.7 Litre 1982 - 1990, CHEVROLET /GMC Camaro Z28 5.0, 5.7 Litre 1982 - 1987, CHEVROLET /GMC Caballero 5.0, 5.7 Litre 1982 - 1990, CHEVROLET /GMC Monte Carlo 5.0, 5.7 Litre 1982 - 1990, CHEVROLET /GMC Malibu 5.0, 5.7 Litre 1982 - 1990, CHEVROLET /GMC El Camino 5.0, 5.7 Litre 1982 - 1990
CH3183	Top Hose	NISSAN Serena KVC23 (CD20) 2.0 Litre Diesel NZ & Export 1992 - 1996
CH3184	Top Hose	NISSAN Vanette C22 2.0 Litre (CA20) NZ & Export 1986 - 1990
CH3185	Top Hose	NISSAN Bluebird SNU13/ SU13 2.0 Litre (CD20) Diesel NZ & Export 1991 - 1996
CH3186	Top Hose	NISSAN Bluebird EU12 1.6 Litre (CA16) NZ & Export 1987 - 1989
CH3187	Top Hose	NISSAN Skyline HR31 2.0 Litre (RB20DE) NZ & Export 1985 - 1989
CH3188	Top Hose	NISSAN Pulsar N14 1.7 Litre CD17 Diesel 1990 - 1992
CH3189	Top Hose	NISSAN Bluebird RU12 2.0 Litre (LD200II) Diesel NZ & Export 1987 - 1992
CH3190	Top Hose	NISSAN Skyline HR33 2.0 Litre (RB20DE) NZ & Export 1989 - 1993
CH3191	Top Hose	NISSAN Prairie M11/NM11 2.0 Litre (CA20S) SOHC Carby Model (NZ & Export) 1988 - 1990
CH3192	Top Hose	NISSAN S-Cargo 1.5 Litre (E15 SOHC) NZ & Export 1988 - 1990

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CH3193	Top Hose	NISSAN Laurel SC32 (RD28) 2.8 Litre NZ & Export 1986 - 1989
CH3195	Top Hose	NISSAN Skyline R33 RB25DE(t) 8/93 - 5/98, NISSAN Skyline R33 (RB25DE(T)) NZ & Export 1993 - 1997, NISSAN Skyline ECR33 / ER33 2.5 Litre (RB25DE) NZ & Export 1991 - 1993
CH3196	Heater Hose	MAZDA Tribute CD2 2.0 Litre (YF) 2001 - 2006
CH3197	ByPass Hose	FORD Transit VG 2.0 Litre DOHC 16v 1997 - 1999
CH3198	Top Hose	MITSUBISHI L200 Express Utility Chassis K77 2.8 Litre 4M40 Diesel 4WD to 4/98 STD Capacity Radiator 06/96 - 1/03, MITSUBISHI Triton MK Chassis K67 2.8 Litre 4M40 Diesel 2WD 06/96 - 1/03, MITSUBISHI L200 Express Utility Chassis K67 2.8 Litre 4M40 Diesel 2WD 06/96 - 1/03, MITSUBISHI Triton MK Chassis K77 2.8 Litre 4M40 Diesel 4WD to 4/98 STD Capacity Radiator 06/96 - 1/03
CH3199	Heater Hose	FORD Transit VH 2.4 Litre Diesel 2000 - 2002
CH3200	Top Hose	SUBARU Impreza 1.6, 1.8, 2.0 Litre 1993 - 1997
CH3201	Bottom Hose	SUBARU Impreza 1.6, 1.8, 2.0 Litre 1993 - 1997
CH3202	ByPass Hose	SUBARU IMPREZA WRX 2.5 Litre EJ257 Turbo 2005 - 2007, SUBARU Forester GT 2.5 Litre EJ25 Turbo water pump -
CH3202	Water Pump ByPass Hose	SUBARU Impreza 1.6, 1.8, 2.0 Litre 1993 - 1997, SUBARU Impreza 2.0 Litre 1998 - 2000, SUBARU IMPREZA WRX 2.0 Litre Turbo 1998 - 2000
CH3203	ByPass Hose	SUBARU LIBERTY BE, BH 2.0 Litre EJ201 water pump to pipe 1 03/99 - 08/03
CH3203	ByPass Hose Water pump to pipe 1 (SOHC)	SUBARU Impreza 1.6, 1.8, 2.0 Litre 1993 - 1997
CH3204	Heater Inlet	SUBARU IMPREZA WRX 2.0 Litre Turbo 1998 - 2000, SUBARU Impreza 1.6, 1.8, 2.0 Litre 1993 - 1997, SUBARU Forester 2.0 Litre OHC EJ20, EJ20E, EJ20J 1997 - 2002, SUBARU Impreza 2.0 Litre 1998 - 2000
CH3205	Heater Hose Engine to Heater Manual Trans	SUBARU Impreza 1.6, 1.8, 2.0 Litre 1993 - 1997
CH3205	Heater Outlet	SUBARU Forester 2.0 Litre OHC EJ20, EJ20E, EJ20J Manual Trans 1997 - 2002
CH3206	Heater Outlet	SUBARU Forester 2.0 Litre OHC EJ20, EJ20E, EJ20J Auto Trans 1997 - 2002, SUBARU Impreza 1.6, 1.8, 2.0 Litre 1993 - 1997
CH3207	ByPass Hose Pipe 1 to Water Man(SOHC)	SUBARU Impreza 1.6, 1.8, 2.0 Litre 1993 - 1997
CH3208	Bottom Hose	TOYOTA Celica ST202 & ST203 2.0 Litre (3S-FE) DOHC NZ & Export 8/89 - 8/91, TOYOTA Celica ST184 5SFE 10/89 - 11/93
CH3209	Top Hose	TOYOTA Celica ST202 & ST203 2.0 Litre (3S-FE) DOHC NZ & Export 8/89 - 8/91
CH3209	Top Hose 9/91-11/93	TOYOTA Celica ST184 5SFE 10/89 - 11/93
CH3210	Bottom Hose No2	TOYOTA LANDCRUISER HDJ100R 4.2 Litre Turbo Diesel 2000 - 2002
CH3211	Heater Hose Outlet	TOYOTA LANDCRUISER HDJ100R 4.2 Litre Turbo Diesel 2000 - 2002
CH3212	Heater Inlet Hose	NISSAN PATROL GU II & III 3.0 Litre ZD30 Turbo Diesel 12/09> 2000 -
CH3213	Heater Hose	FORD Transit VH 2.4 Litre Diesel 2000 - 2002
CH3214	Heater Hose	FORD Transit VG 2.0 Litre DOHC 16v Outlet 1997 - 1999
CH3215	Heater Hose Outlet B	TOYOTA LANDCRUISER HDJ100R 4.2 Litre Turbo Diesel 2000 - 2002
CH3216	Heater Outlet Hose	NISSAN PATROL GU II & III 3.0 Litre ZD30 Turbo Diesel 12/09> 2000 -
CH3217	Heater Hose	FORD Transit VG 2.0 Litre DOHC 16v 1997 - 1999
CH3218	Heater Hose	FORD Transit VG 2.0 Litre DOHC 16v Inlet 1997 - 1999
CH3219	Heater Hose	FORD Transit VH 2.4 Litre Diesel 2000 - 2002
CH3220	Top Hose	MAZDA Tribute CD2 2.0 Litre (YF) 2001 - 2006
CH3221	Bottom Hose	HYUNDAI SONATA EF 2.0 & 2.4 Litre 1998 - 2002
CH3222	Bottom Hose	DAEWOO Nubira J100, J150 2 Litre X20SED DOHC Auto Australian Vehicles 1999 - 2003
CH3223	Top Hose	JAGUAR XJ6, XJ40 4.2 Litre 1988 - 1992
CH3224	Heater Hose Rear Heater Pipe to Heater	TOYOTA LANDCRUISER HJ60 4.0 Litre (2H) Diesel 1981 - 1984
CH3225	Heater Outlet Rear Heater	TOYOTA LANDCRUISER HJ60 4.0 Litre (2H) Diesel 1981 - 1984
CH3226	Heater Inlet Rear Heater	TOYOTA LANDCRUISER HJ60 4.0 Litre (2H) Diesel 1981 - 1984
CH3227	Heater Outlet Rear Heater	TOYOTA LANDCRUISER HJ60 4.0 Litre (2H) Diesel 1981 - 1984
CH3228	Heater Hose Rear	TOYOTA LANDCRUISER HJ60 4.0 Litre (2H) Diesel 1981 - 1984
CH3229	Heater Hose Outlet A	TOYOTA LANDCRUISER FJ62 4.0 Litre OHC 3F PETROL 11/84 - 3/92
CH3230	Heater Hose Outlet B	TOYOTA LANDCRUISER FJ62 4.0 Litre OHC 3F PETROL 11/84 - 3/92
CH3231	Heater Hose Inlet A	TOYOTA LANDCRUISER FJ62 4.0 Litre OHC 3F PETROL 11/84 - 3/92

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CH3232	Heater Hose Inlet B	TOYOTA LANDCRUISER FJ62 4.0 Litre OHC 3F PETROL 11/84 - 3/92
CH3233	Heater Hose Inlet C	TOYOTA LANDCRUISER HDJ100R 4.2 Litre Turbo Diesel 2000 - 2002
CH3234	Top Hose	NISSAN Bluebird EU12 1.8 Litre SR18DI NZ & Export 1989 - 1991
CH3235	Top Hose	NISSAN Bluebird U11 (LD20) 2.0 Litre Deisel NZ & Export -
CH3236	Top Hose	NISSAN Bluebird EU13 1.8 Litre SR18DE NZ & Export 1989 - 1994
CH3237	Top Hose	NISSAN Skyline R33 (RB25DE(T)) NZ & Export 1991 - 1993, NISSAN Skyline R32 (RB20DE (T)) NZ & Export 1989 - 1993, NISSAN Cefiro CA31 2.0 Litre RB20DE NZ & Export 1992 - 1996
CH3238	Top Hose	NISSAN Bluebird RU12 1.8 Litre CA18DE NZ & Export 1987 - 1991
CH3239	Top Hose	NISSAN Laurel SC33 (RD28) 2.8 Litre NZ & Export 1989 - 1993
CH3240	Top Hose	NISSAN Cefiro PA32 (VQ250E) 2.5 Litre V6 NZ & Export 1994 - 1998
CH3241	Top Hose	NISSAN Sentra BN13DFU (E13S) 1.3 Litre NZ & Export 1987 - 1989
CH3242	Top Hose	NISSAN Sentra UN13DFU (GA14S) 1.4 Litre NZ & Export 1989 - 1993
CH3243	Top Hose	NISSAN Vanette C22 1.5 Litre (A15) NZ & Export 1988 - 1990
CH3244	Heater Hose	MITSUBISHI Lancer CG 2.0 Litre SOHC 16V No 1 2002 -
CH3245	Heater Hose	MITSUBISHI Lancer CG 2.0 Litre SOHC 16V No 2 2002 -
CH3246	Top Hose	MITSUBISHI Lancer CG 2.0 Litre SOHC 16V 2002 -
CH3247	Bottom Hose	MITSUBISHI Lancer CG 2.0 Litre SOHC 16V 2002 -
CH3248	Heater Hose B	MITSUBISHI Lancer CA-CB 1.5 Litre 4G15 1988 - 1996
CH3249	Top Hose	MITSUBISHI Lancer CA-CB 1.5 Litre 4G15 1989-90 FI 1988 - 1996
CH3250	Heater Hose	MITSUBISHI Lancer CA-CB 1.5 Litre 4G15 A 1988 - 1996
CH3251	Heater Hose	MITSUBISHI Lancer CC 1800cc B 1993 - 1994
CH3252	Heater Hose	MITSUBISHI Lancer CC 1800cc A 1993 - 1994
CH3253	Bottom Hose	FORD Laser KJ 2 & 3 1.6 & 1.8 Litre (B6, BP) 1.6 Litre Engine 1994 - 1998
CH3254	Top Hose	HYUNDAI SONATA 3.0 Litre Y3 Series 1994-98 3/91 - 1998
CH3255	Bottom Hose	HYUNDAI SONATA 3.0 Litre Y3 Series 1994-98 3/91 - 1998
CH3256	ByPass Hose	HOLDEN Commodore Statesman VL 3.0 Litre (E.F.I) Pipe 3 to Intake Manifold 1986 - 1988
CH3257	ByPass Hose	HOLDEN Commodore Statesman VL 3.0 Litre (E.F.I) intake manifold to Throttle body W/O Turbo 1986 - 1988
CH3258	ByPass Hose	HOLDEN Commodore Statesman VL 3.0 Litre (E.F.I) Pipe 2 to Pipe 3 1986 - 1988
CH3259	Heater Hose	TOYOTA Corolla AE95 1.6 Litre 1990 - 1994
CH3260	Bottom Hose	TOYOTA Corolla AE95 1.6 Litre Auto Trans 1990 - 1994
CH3261	Heater Hose	MAZDA Tribute CD2 2.0 Litre (YF) 2001 - 2006
CH3262	Top Hose	MAZDA 929 HC10 3.0 Litre V6 1987 - 1991
CH3263	Bottom Hose	MAZDA 929 HC10 3.0 Litre V6 1987 - 1991
CH3264	ByPass Hose	MAZDA 929 HD10 - HE10 3.0 Litre No 2 7/91 - 11/97
CH3265	Hose Heater	MAZDA 929 HD10 - HE10 3.0 Litre to Pipe 2 7/91 - 11/97
CH3266	Hose Heater	MAZDA 929 HD10 - HE10 3.0 Litre to Pipe 1 7/91 - 11/97
CH3267	ByPass Hose	MAZDA 929 HD10 - HE10 3.0 Litre Pipe 2 to Thermostat 7/91 - 11/97
CH3268	ByPass Hose	MAZDA 929 HD10 - HE10 3.0 Litre 7/91 - 11/97
CH3269	ByPass Hose	HOLDEN Commodore Statesman VS - VQ series II 3.8 Litre V6 Throttle Body to SC 1995 - 1997, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L67) V6 12V OHV Supercharged Throttle Body to Supercharger 2002 - 2004, HOLDEN Commodore Statesman VT - WH 3.8 Litre V6 Supercharged Throttle body to SC 1997 - 2000, HOLDEN Commodore Statesman VT - WH 3.8 Litre V6 Supercharged Throttle Body to Supercharger 1997 - 2000, HOLDEN Commodore Statesman VX & WH 3.8 Litre (L67) V6 12V OHV Supercharged Throttle Body to Supercharger 2000 - 2002
CH3270	Top Hose	FORD Transit VH 2.4 Litre Diesel 2000 - 2002
CH3271	Bottom Hose	FORD Transit VH 2.4 Litre Diesel 2000 - 2002
CH3272	Top Hose	CHEVROLET /GMC Suburban 5.0 & 5.7 Litre 1989 - 1991
CH3273	Bottom Hose	CHEVROLET /GMC Caprice 3.4,4.3,5.7 Litre USA Manufacture (W/O HD Cooler) -
CH3274	Heater Hose	FORD Crown Victoria 4.6 Litre Valve to manifold with Auto temp control 1992 - 97
CH3275	Bottom Hose	CHEVROLET /GMC C & K Pick-Up 5.0, 5.7 Litre 4WD 1988 - 1991
CH3276	Top Hose	CHEVROLET /GMC C & K Pick-Up 5.0, 5.7 Litre with 26" radiator 1988 - 1997
CH3277	Top Hose	CHEVROLET /GMC C & K Pick-Up 5.0, 5.7 Litre with 34" radiator 1988 - 1997
CH3278	Heater Hose	FORD Crown Victoria 4.6 Litre to intake manifold 1992 - 1997
CH3279	Heater Hose	FORD Crown Victoria 4.6 Litre Heater to pipe 1 1992 - 97
CH3280	Top Hose	CHEVROLET /GMC Caprice 5.0, 5.7 Litre USA Manufacture 1989 - 1990
CH3281	Top Hose	CHEVROLET /GMC Cadillac 4.8, 5.3, 6.0 Litre 1999 - 2002
CH3282	Top Hose	DODGE / COMMER Caravan, Voyager 3.0 Litre V6 1993 - 1995
CH3283	ByPass Hose	CHEVROLET /GMC Lumina, Caprice 5.7 Litre V8 (Australian Made) Exported models only 1997 - 2002, CHEVROLET /GMC Lumina, Caprice 3.8 Litre V6 ECOTEC (Australian Made) (Exported models only) 1997 - 2002
CH3284	ByPass Hose	CHEVROLET /GMC Caprice 4.3, 5.7 Litre Pipe to Throttle Body USA Manufacture 1994 - 1996
CH3285	Bottom Hose	CHEVROLET /GMC Suburban 5.7 Litre 1997 -
CH3286	Bottom Hose	FORD Crown Victoria 5.0 & 5.8 Litre 1989 - 91



Part No	Location	Application
CH3287	Bottom Hose	CHEVROLET /GMC Suburban, Tahoe 5.7 Litre V8 1993 - 1998, CHEVROLET /GMC C&K Series pickup 5.0 & 5.7 Litre V8 1991 - 2000, CHEVROLET /GMC P Series Van 5.7 Litre V8 1998 - , CADILLAC Escalade 5.7 Litre V8 2000 - 2002
CH3288	Bottom Hose	CHEVROLET /GMC Cadillac "K" Concours 1996 - 2001
CH3289	Bottom Hose	CHEVROLET /GMC Buick 5.7 Litre (W/O H.D. Cooling) Gates 20893 shape 1994 - 1996, CHEVROLET /GMC Cadillac Fleetwood 5.7 Litre (W/O H.D. Cooling) Gates 20893 shape 1994 - 1996, CHEVROLET /GMC Caprice 5.7 Litre (W/O H.D. Cooling) Gates 20893 shape 1994 - 1996
CH3290	Top Hose	CHEVROLET /GMC C & K Pick-Up 7.4 Litre 1981 - 1986, CHEVROLET /GMC Suburban 7.4 Litre 1981 - 1986
CH3291	Power Steering	HOLDEN Commodore Statesman VT - WH 3.8 Litre V6 Supercharged Reservoir to Pump 1997 - 2000, HOLDEN Commodore Statesman VT - WH 3.8 Litre (L36) V6 12V OHV Reservoir to Pump 1997 - 2000, HOLDEN Commodore Statesman VX & WH 3.8 Litre (L67) V6 12V OHV Supercharged Hose Reservoir to Pump 2000 - 2002, HOLDEN Commodore Statesman VX, VU & WH 3.8 Litre (L36) V6 12V OHV Hose Reservoir to Pump 2000 - 2002
CH3291	Power Steering Hose	HOLDEN Commodore Statesman VY-WK 3.8 Litre (L67) V6 12V OHV Supercharged Reservoir to Pump 2002 - 2004, HOLDEN Commodore Statesman VS - VQ series II 3.8 Litre V6 Res to Pump 1995 - 1997, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L36) V6 12V OHV Reservoir to Pump 2002 - 2004
CH3293	Over Flow Hose	FORD Transit VH 2.4 Litre Diesel 2000 - 2002
CH3294	Heater Hose	FORD Transit VH 2.4 Litre Diesel 2000 - 2002
CH3295	Heater Hose	FORD Transit VH 2.4 Litre Diesel 2000 - 2002
CH3296	Heater Hose	FORD Transit VG 2.0 Litre DOHC 16v with A/C 1997 - 1999
CH3297	Heater Hose	FORD Transit VG 2.0 Litre DOHC 16v 1997 - 1999
CH3298	Top Hose	HONDA INTEGRA DC/DB 1.8 Litre 4VTEC DOHC (B18C) 1993 - 1998
CH3299	Top Hose	FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) 9/2002 - 2005, FORD Falcon / Fairlane BF Turbo 4.0 Litre (6Cyl) 9/2005 - , FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) Turbo 9/2002 - 2005, FORD Falcon / Fairlane BF 4.0 Litre (6Cyl) 9/2005 -
CH330	Bottom Hose	MG MGA. MGB GT Mk.1 - 2 1956 - 1971
CH330	Top Hose	MG MGB GT Mk.3 (Electric Fan) 1971 - 1976, MG MGA. MGB GT Mk.1 - 2 1956 - 1971
CH3300	Bottom Hose	FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) 9/2002 - 2005, FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) Turbo 9/2002 - 2005, FORD Falcon / Fairlane BF Turbo 4.0 Litre (6Cyl) 9/2005 - , FORD Falcon / Fairlane BF 4.0 Litre (6Cyl) 9/2005 - , FORD Falcon / Fairlane FG 4.0 Litre (6Cyl) Barra 195 2008 - 2013
CH3301	Top Hose	FORD Falcon / Fairlane BA 5.4 Litre (V8) 9/2002 - 2005, FORD Falcon / Fairlane BF 5.4 Litre (V8) 9/2005 -
CH3302	Heater Hose	FORD Falcon / Fairlane BA 5.4 Litre (V8) 9/2002 - 2005, FORD Falcon / Fairlane BF 5.4 Litre (V8) 9/2005 - , FORD Falcon / Fairlane FG 5.4 Litre Boss 290 V8 & 5.0 Litre Boss 315 5/08 - 9/11
CH3303	Bottom Hose	FORD Falcon / Fairlane BA 5.4 Litre (V8) 9/2002 - 2005, FORD Falcon / Fairlane BF 5.4 Litre (V8) 9/2005 -
CH3304	Supply Tank Hose	FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) 9/2002 - 2005, FORD Territory SY 4.0 Litre (6Cyl) 10/05 - , FORD Territory SX 4.0 Litre (6Cyl) 2003 - 2005, FORD Falcon / Fairlane BF 4.0 Litre (6Cyl) 9/2005 - , FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) Turbo 9/2002 - 2005, FORD Falcon / Fairlane BF Turbo 4.0 Litre (6Cyl) 9/2005 -
CH3306	Top Hose	FORD F250 5.8 Litre V8 1981 - 5/87, FORD F100 / Bronco 5.8 Litre V8 1984 - , FORD F350 5.8 litre V8 1981 - 5/87
CH3308	Top Hose	BMW 318i E21 1.8 litre 1977 - 1999
CH3312	Crankcase Vent Hose	FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) 9/2002 - 2005, FORD Falcon / Fairlane BF Turbo 4.0 Litre (6Cyl) 9/2005 - , FORD Falcon / Fairlane BF 4.0 Litre (6Cyl) 9/2005 - , FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) Turbo 9/2002 - 2005, FORD Falcon / Fairlane FG 5.4 Litre Boss 290 V8 & 5.0 Litre Boss 315 5/08 - 9/11
CH3313	Top Hose	BMW 318i E21 1.8 litre 1988 - 1991
CH3314	Vacuum Hose	HOLDEN Commodore Statesman VX & WH 3.8 Litre (L67) V6 12V OHV Supercharged Heater Tap to Vacuum Valve 2000 - 2002, HOLDEN Commodore Statesman VX, VU & WH 3.8 Litre (L36) V6 12V OHV Heater Tap to Vacuum Valve 2000 - 2002, HOLDEN Commodore Statesman VT - WH 3.8 Litre V6 Supercharged Heater Tap to Vacuum Valve 1997 - 2000, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L67) V6 12V OHV Supercharged Heater Tap to Vacuum Valve 2002 - 2004, HOLDEN Commodore Statesman VT - WH 3.8 Litre (L36) V6 12V OHV Heater Tap to Vacuum Valve 1997 - 2000, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L36) V6 12V OHV Heater Tap to Vacuum Valve 2002 - 2004
CH3315	Top Hose	CHEVROLET /GMC 454 1995 - 1995
CH3316	ByPass	CHEVROLET /GMC C & K Pick-Up 7.4 Litre 1988 - 1997
CH3317	Overflow Hose	BMW 318i E30 1.8 litre 1977 - 1999
CH3318	Top Hose	HOLDEN Commodore Statesman VY-WK 3.8 Litre (L36) V6 12V OHV 2002 - 2004
CH3319	Top Hose	LEXUS LS400 UCF10R V8 (1UZ-FE) 5/90 - 9/1994
CH3320	Bottom Hose	LEXUS LS400 UCF10R V8 (1UZ-FE) 5/90 - 9/1994
CH3321	Heater Hose	LEXUS LS400 UCF10R V8 (1UZ-FE) 5/90 - 9/1994
CH3322	Heater Hose	LEXUS LS400 UCF10R V8 (1UZ-FE) 5/90 - 9/1994
CH3323	Heater Hose	LEXUS LS400 UCF10R V8 (1UZ-FE) 5/90 - 9/1994
CH3324	Top Hose	HONDA ACCORD EX A20A4 1987 - 1989
CH3325	Top Hose	FORD Falcon / Fairlane BA 5.4 Litre (V8) (4 Valve) 9/2002 - 2005, FORD Falcon / Fairlane BF 5.4 Litre (V8) (4 Valve) 9/2005 -
CH3326	Supply Tank Hose	FORD Falcon / Fairlane BA 5.4 Litre (V8) (4 Valve) 9/2002 - 2005, FORD Falcon / Fairlane BF 5.4 Litre (V8) (4 Valve) 9/2005 -
CH3326	Supply Tank Hose (4 Valve)	FORD Falcon / Fairlane FG 5.4 Litre Boss 290 V8 & 5.0 Litre Boss 315 5/08 - 9/11
CH3327	Heater Hose	FORD Falcon / Fairlane BA 5.4 Litre (V8) (4 Valve) Assembly 9/2002 - 2005, FORD Falcon / Fairlane BF 5.4 Litre (V8) (4 Valve) Assembly 9/2005 -
CH3328	Heater Hose	FORD Falcon / Fairlane BA 5.4 Litre (V8) 9/2002 - 2005, FORD Falcon / Fairlane BF 5.4 Litre (V8) 9/2005 -

Part No	Location	Application
CH3329	Heater Hose	FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) 9/2002 - 2005, FORD Falcon / Fairlane BF Turbo 4.0 Litre (6Cyl) 9/2005 - , FORD Falcon / Fairlane BF 4.0 Litre (6Cyl) 9/2005 - , FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) Turbo 9/2002 - 2005
CH3330	Heater Hose	FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) without "T" piece 9/2002 - 2005, FORD Falcon / Fairlane BF Turbo 4.0 Litre (6Cyl) without "T" piece 9/2005 - , FORD Falcon / Fairlane BF 4.0 Litre (6Cyl) without "T" piece 9/2005 - , FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) Turbo without "T" piece 9/2002 - 2005
CH3331	Top Hose	TOYOTA Lite Ace 2Y 1986 - 1990
CH3332	Bottom Hose	TOYOTA Lite Ace 2Y 1986 - 1990
CH3333	Top Hose	TOYOTA Lite Ace 4WD 3Y 1986 - 1990
CH3334	Bottom Hose	TOYOTA Lite Ace 4WD 3Y 1986 - 1990
CH3335	Bottom Hose	LEXUS ES300 MCV30R 1MZ-FE 2001 - 2004
CH3336	Top Hose	LEXUS ES300 MCV30R 1MZ-FE 2001 - 2004
CH3337	Heater Hose	LEXUS IS300 2JZ-GE 3.0 Litre 2001 - , LEXUS ES300 MCV30R 1MZ-FE No2 2001 - 2004
CH3338	Heater Hose	LEXUS ES300 MCV30R 1MZ-FE No1 2001 - 2004, LEXUS IS300 2JZ-GE 3.0 Litre 2001 -
CH3339	Bottom Hose	LEXUS IS300 2JZ-GE 3.0 Litre 2001 -
CH3340	Heater Hose	LEXUS ES300 VCV10R 3VZ-FE 6/92 - 10/96
CH3341	Heater Hose	LEXUS ES300 VCV10R 3VZ-FE 6/92 - 10/96
CH3342	Heater Hose	LEXUS ES300 VCV10R 3VZ-FE 6/92 - 10/96
CH3343	Heater Hose	LEXUS IS300 2JZ-GE 3.0 Litre 2001 -
CH3344	Heater Hose	LEXUS IS300 2JZ-GE 3.0 Litre 2001 -
CH3345	Top Hose	LEXUS IS300 2JZ-GE 3.0 Litre 2001 -
CH3346	Bottom Hose	HOLDEN Commodore Statesman VY-WK 5.7 Litre V8 Radiator To Cross Over 2002 - 2004, HOLDEN Monaro CV8 5.7 Litre V8 Radiator to Cross over Pipe 2002 - 2005
CH3347	Top Hose	HOLDEN Commodore Statesman VY-WK 3.8 Litre (L67) V6 12V OHV Supercharged 2002 - 2004
CH3348	Top Hose	FORD Focus LR 1.6, 1.8 & 2.0 Litre 01/00 - 04/05
CH3349	Heater Hose	FORD Focus LR 1.6, 1.8 & 2.0 Litre 01/00 - 04/05
CH3350	Heater Hose	FORD Focus LR 1.6, 1.8 & 2.0 Litre 01/00 - 04/05
CH3351	Heater Hose	FORD Focus LR 1.6, 1.8 & 2.0 Litre 01/00 - 04/05
CH3352	Top Hose	HONDA ACCORD 3 Litre J30A1 1997 - 2000, HONDA Saber 2490cc UA4 J25A 1 1998 -
CH3353	Top Hose	HONDA INTEGRA DA5 - DA7 1.6 Litre NZ & Export 1988 - 1993
CH3354	Bottom Hose	HONDA ACCORD 3 Litre J30A1 1997 - 2000, HONDA Saber 2490cc UA4 J25A 1 1998 -
CH3355	Top Hose	HONDA INTEGRA DA2-100 1.5 Litre NZ & Export 1986 - 1989
CH3356	Top Hose	HONDA LOGO GA3 1.3 Litre D13B 1996 - 1999
CH3357	Top Hose	HONDA INTEGRA DA6 - DA8 1.6 Litre B16A 1989 - 1993
CH3358	Top Hose	TOYOTA Corolla ZZE123R 1.8 Litre 2ZZGE 2003 - 2006, TOYOTA Corolla ZZE122R 1.8 Litre 2001 - 2007
CH3359	Bottom Hose	TOYOTA Corolla ZZE123R 1.8 Litre 2ZZGE 2003 - 2006, TOYOTA Corolla ZZE122R 1.8 Litre 2001 - 2007
CH3360	Bottom Hose	HONDA INTEGRA DA5 - DA7 1.6 Litre NZ & Export 1988 - 1993
CH3361	Bottom Hose	HONDA INTEGRA DC/ DB 1.8 Litre 4VTEC DOHC (B18C) 1993 - 1998
CH3362	Top Hose	HONDA ACCORD CB5 2.0 Litre (G20A) 1990 - 1994
CH3363	Heater Hose	HONDA ACCORD CB 2.2Litre (F22A) Valve to Heater 1989 - 1994
CH3364	Heater Hose	HONDA ACCORD CB 2.2Litre (F22A) Engine to Valve 1989 - 1994
CH3365	Heater Return Hose	HONDA ACCORD CB 2.2Litre (F22A) 1989 - 1994
CH3366	ByPass Hose	HONDA ACCORD CB 2.2Litre (F22A) 1989 - 1994
CH3367	ByPass Hose	HONDA ACCORD CB 2.2Litre (F22A) pipe to oil cooler 1989 - 1994
CH3368	Bottom Hose	FORD Focus LR 1.6, 1.8 & 2.0 Litre 01/00 - 04/05
CH3369	ByPass Hose	FORD Courier PE 2.5 Turbo Diesel WLAT 1998 - 2002, MAZDA Bravo 2.5 Litre Turbo Diesel WLAT 1999 - 2002
CH3371	Heater Hose	FORD Courier PE 2.5 Turbo Diesel WLAT 1998 - 2002, MAZDA Bravo 2.5 Litre Turbo Diesel WLAT 1999 - 2002, MAZDA Bravo 2.5 Turbo Diesel 2002 - 2007, FORD Courier PC 2.5 Turbo Diesel 2002 - 2007
CH3372	Bottom Hose	MAZDA Bravo 2.5 Litre Turbo Diesel WLAT 1999 - 2002, FORD Courier PE 2.5 Turbo Diesel WLAT 1998 - 2002, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11, MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, MAZDA Bravo 2.5 Turbo Diesel 2002 - 2007, MAZDA B3000 BT-50 3.0 Litre Turbo Diesel 2008 - , FORD Courier PC 2.5 Turbo Diesel 2002 - 2007
CH3373	Crankcase Breather Hose	HOLDEN Commodore Statesman VL 3.0 Litre (E.F.I) 1986 - 1988, NISSAN Skyline R31 3.0 Litre RB30 1986 - 1990
CH3374	Heater Hose	FORD Courier PE 2.6 Litre G6 No1 1998 - 2002
CH3374	Heater Hose No1	MAZDA Bravo 2.6 Litre G6 1998 - 2007, FORD Courier PG 2.6 Litre G6 2002 - 2007
CH3375	Top Hose	FORD Courier PE 2.5 Turbo Diesel WLAT 1998 - 2002, MAZDA Bravo 2.5 Turbo Diesel 2002 - 2007, FORD Courier PC 2.5 Turbo Diesel 2002 - 2007
CH3380	Heater Hose	FORD Courier PE 2.6 Litre G6 No 2 1998 - 2002
CH3380	Heater Hose No 2	MAZDA Bravo 2.6 Litre G6 1998 - 2007, FORD Courier PG 2.6 Litre G6 2002 - 2007
CH3381	Heater Hose	FORD Courier PE 2.5 Turbo Diesel WLAT No 3 1998 - 2002
CH3382	Cooler Inner Hose	FORD Courier PE 2.6 Litre G6 1998 - 2002, MAZDA Bravo 2.6 Litre G6 1998 - 2007

Part No	Location	Application
CH3383	Heater Hose	MAZDA Bravo 2.5 Litre Turbo Diesel WLAT No 2 1999 - 2002, FORD Courier PE 2.5 Turbo Diesel WLAT No 2 1998 - 2002, FORD Courier PC 2.5 Turbo Diesel No 2 2002 - 2007, MAZDA B3000 BT-50 3.0 Litre Turbo Diesel No 2 2008 - , MAZDA Bravo 2.5 Turbo Diesel No 2 2002 - 2007
CH3383	Heater Hose No 2 (LHS) Core to Pipe	FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11, MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11
CH3386	Heater Hose	FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) with "T" piece 9/2002 - 2005, FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) Turbo with "T" piece 9/2002 - 2005, FORD Falcon / Fairlane BF 4.0 Litre (6Cyl) with "T" piece 9/2005 - , FORD Falcon / Fairlane BF Turbo 4.0 Litre (6Cyl) with "T" piece 9/2005 -
CH3387	Heater Hose No 1	TOYOTA Camry MCV36 1MZ 3.0 Litre 2002 -
CH3389	Heater Hose No 2	TOYOTA Camry MCV36 1MZ 3.0 Litre 2002 -
CH3390	Bottom Hose	NISSAN Pulsar N15 1.6 Litre (10/99-2001) 1999 - 2001
CH3391	Top Hose	TOYOTA Camry MCV36 1MZ 3.0 Litre 2002 -
CH3392	Heater Hose	TOYOTA Camry ACV36 2.4 Litre 2AZFE Inlet to 12/05 2002 - 7/06
CH3393	Bottom Hose	TOYOTA Camry MCV36 1MZ 3.0 Litre 2002 -
CH3394	Heater Hose	TOYOTA Camry ACV36 2.4 Litre 2AZFE Outlet to 12/05 2002 - 7/06
CH3395	Top Hose	TOYOTA Camry ACV36 2.4 Litre 2AZFE 2002 - 7/06
CH3396	Bottom Hose	TOYOTA Camry ACV36 2.4 Litre 2AZFE 2002 - 7/06
CH3397	Top Hose	NISSAN Pulsar N15 1.6 Litre (10/99-2001) 1999 - 2001
CH3398	Top Hose	NISSAN Pulsar N16 1.6 Litre 2000 - 2002, NISSAN Pulsar N16 1.8 Litre 2000 - 2002
CH3399	Bottom Hose	NISSAN Pulsar N16 1.8 Litre 2000 - 2002, NISSAN Pulsar N16 1.6 Litre 2000 - 2002
CH3400	Bottom Hose	TOYOTA LANDCRUISER HZJ70 - HZJ73 - HZJ75 - HZJ78 Series 4.2 Litre 1HZ Diesel 9/01 - 2007 1985 - 2001, TOYOTA LANDCRUISER HDJ78 4.2 Litre 1HD Diesel 2001 - 2007, TOYOTA LANDCRUISER HZJ79 4.2 Litre Diesel 8/01-2004 10/99 - 10/2007
CH3406	Bottom Hose	NISSAN Maxima A33 3.0 Litre CQ30DE 2000 -
CH3407	Top Hose	NISSAN NAVARA D22 3.2 Litre QD32 1991 - 2002
CH3408	Bottom Hose	NISSAN Terrano R50 3.3 Litre VG33 1995 - 1999, NISSAN PATHFINDER R50 3.3 Litre V6 (VG33E) 1995 - 2005
CH3409	Top Hose	NISSAN Silvia S13 (SR20DET) 2.0 Litre 1988 - 1994, NISSAN 180SX 2.0 Litre S13 1988 - 1994
CH3410	ByPass	FORD Maverick (TB42) 6 Cyl 4.2 Litre (Petrol) Intake to Engine 1988 - 1994
CH3410	ByPass Intake to Engine	NISSAN PATROL GQ (Y60) 4.2 Litre (TB42) 6 Cyl (Petrol) (Carby) 1988 - 1997
CH3411	ByPass	FORD Maverick (TB42) 6 Cyl 4.2 Litre (Petrol) Thermostat to Engine 1988 - 1994
CH3411	ByPass Thermostat to Engine	NISSAN PATROL GQ (Y60) 4.2 Litre (TB42) 6 Cyl (Petrol) (Cardy) 1988 - 1997
CH3412	Bottom Hose	NISSAN Silvia S13 (SR20DET) 2.0 Litre 1988 - 1994, NISSAN 200SX S14 2 Litre to 7/96 7/94 - 2000, NISSAN 180SX 2.0 Litre S13 1988 - 1994
CH3413	Top Hose	NISSAN Serena C32 2.0 Litre SR20DE 1991 - 1995
CH3414	Bottom Hose	NISSAN NAVARA D22 3.2 Litre QD32 Pipe to Engine 1991 - 2002
CH3415	Heater Hose	HOLDEN Barina MF/MH 1.3 Litre Inlet (MH) 1989 - 1994
CH3416	Heater Hose	HOLDEN Barina MF/MH 1.3 Litre Inlet (MF) 1989 - 1994
CH3417	Surge Tank to Connecting Tube	HOLDEN Barina SB - Combo 1.2 Litre 1994 - 2001, HOLDEN Barina SB - Combo 1.4 Litre 1994 - 2001, HOLDEN Barina SB - Combo 1.6 Litre 1994 - 2001
CH3418	Heater Hose	HOLDEN Barina MF/MH 1.3 Litre Outlet 1989 - 1994
CH3419	Heater Hose	HOLDEN Barina SB - Combo 1.4 Litre Valve to Engine 1994 - 2001
CH3420	Top Hose	NISSAN Maxima A33 3.0 Litre CQ30DE 2000 -
CH3421	Top Hose	NISSAN PATHFINDER R50 3.3 Litre V6 (VG33E) 1995 - 2005, NISSAN Terrano R50 3.3 Litre VG33 1995 - 1999
CH3422	Top Hose	HONDA CRX 1590cc B16A 1992 - 1998, HONDA CIVIC EK 1.6 Litre 1995 - 2000
CH3423	Heater Hose	HOLDEN Barina SB - Combo 1.4 Litre Valve to Heater 1994 - 2001
CH3424	Top Hose	MAZDA 626 GF 2.0 Litre FSDE 1997 - 2001
CH3425	Bottom Hose	HONDA PRELUDE 2.2 Litre F22 1991 - 1996, HONDA PRELUDE 2.3 Litre H23 1991 - 1996
CH3426	Bottom Hose	HONDA CIVIC EK 1.6 Litre 1995 - 2000
CH3427	Heater Hose	MAZDA 626 GF 2.0 Litre FSDE No1 1997 - 2001
CH3428	Bottom Hose	HONDA PRELUDE 2.0 Litre (B20A) (Auto Trans 1/88-12/88) 1988 - 1991
CH3429	Top Hose	NISSAN 200SX S15 SR20DET 2 Litre 2000 - 2002, NISSAN 200SX S14 2 Litre 7/94 - 2000
CH3430	Bottom Hose	NISSAN 200SX S15 SR20DET 2 Litre 2000 - 2002, NISSAN 200SX S14 2 Litre from 8/96 7/94 - 2000
CH3431	Bottom Hose	HONDA PRELUDE 2.0 Litre (B20A) (Manual Trans 88-91) 1988 - 1991
CH3432	Bottom Hose	MAZDA 323 1.8 Litre 1998 - 2002, MAZDA 323 2.0 Litre 1998 - 2002
CH3433	Top Hose	LANDROVER Discovery 2.5 litre Turbo Diesel 1994 -
CH3434	Heater Hose	MAZDA 626 GF 2.0 Litre FSDE No 2 1997 - 2001
CH3435	Heater Hose	HOLDEN Barina SB - Combo 1.4 Litre Valve to Heater 1994 - 2001
CH3436	Heater Hose No 1	TOYOTA RAV4 ACA20R - ACA21R 2.0 Litre 1AZ-FE 07/00 - 09/03
CH3437	Bottom Hose	TOYOTA RAV4 ACA20R - ACA21R 2.0 Litre 1AZ-FE 07/00 - 09/03, TOYOTA RAV4 ACA22R - ACA23R 2.4 Litre 2AZ-FE 09/03 - 10/05
CH3438	ByPass Hose No1	TOYOTA RAV4 ACA20R - ACA21R 2.0 Litre 1AZ-FE 07/00 - 09/03



Part No	Location	Application
CH3439	Top Hose	TOYOTA RAV4 ACA20R - ACA21R 2.0 Litre 1AZ-FE 07/00 - 09/03, TOYOTA RAV4 ACA22R - ACA23R 2.4 Litre 2AZ-FE 09/03 - 10/05
CH3441	Bottom Hose	CHEVROLET /GMC Suburban 7.4 Litre 1978 - 1991
CH3442	Bottom Hose	CHEVROLET /GMC 350 1984 - 1991, CHEVROLET /GMC Suburban 5.0 & 5.7 Litre 1984 - 1991
CH3443	PCV Hose	HOLDEN Commodore Statesman VY-WK 3.8 Litre (L36) V6 12V OHV (Petrol Only) Inlet Manifold to Throttle Body 2002 - 2004, HOLDEN Commodore Statesman VT - WH 3.8 Litre V6 Supercharged Inlet Manifold to Throttle Body 1997 - 2000, HOLDEN Commodore Statesman VT - WH 3.8 Litre (L36) V6 12V OHV (Petrol Only) Inlet Manifold to Throttle Body 1997 - 2000, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L67) V6 12V OHV Supercharged Inlet Manifold to Throttle Body 2002 - 2004, HOLDEN Commodore Statesman VX & WH 3.8 Litre (L67) V6 12V OHV Supercharged Inlet Manifold to Throttle Body 2000 - 2002, HOLDEN Commodore Statesman VX, VU & WH 3.8 Litre (L36) V6 12V OHV (Petrol Only) Inlet Manifold to Throttle Body 2000 - 2002, HOLDEN Commodore Statesman VS - VQ series II 3.8 Litre V6 Inlet Manifold to Throttle Body 1995 - 1997
CH3444	Bottom Hose	LANDROVER Discovery 2.5 litre Turbo Diesel 1994 -
CH3445	Bottom Hose	LANDROVER Discovery 3.9 litre V8 1994 -
CH3446	Top Hose	LANDROVER Discovery 3.9 litre V8 1994 -
CH3447	Bottom Hose	CHRYSLER Jeep Cherokee 4.0 Litre NZ & Export 1987 - 2002
CH3450	Bottom Hose	CHRYSLER Jeep Grand Cherokee 5.2 Litre V8 Export Only 1993 - 1998
CH3451	Top Hose	FORD Crown Victoria 5.0 & 5.8 Litre 1989 - 1995
CH3452	Top Hose	CHEVROLET /GMC Caravan 3.3 & 3.8 Litre 1996 -
CH3453	ByPass Hose	CHEVROLET /GMC Lumina "W" 3.1M Engine USA Manufacture 1995 - 1998
CH3454	Bottom Hose	FORD Thunderbird 3.9 Litre V6 1992 - 1995
CH3455	Bottom Hose	FORD MUSTANG V8 1988 - 1990
CH3456	Bottom Hose	CHEVROLET /GMC Caprice 5.0, 5.7 Litre USA Manufacture 1990 - 1993
CH3457	Top Hose	FORD MUSTANG V8 1988 - 1990
CH3459	Bottom Hose	CHRYSLER Concorde 3.3 Litre V6 1993 - 1995
CH3460	Top Hose	CHEVROLET /GMC Caprice 3.4, 4.3 5.7 Litre USA Manufacture 1994 - 1996
CH3461	Bottom Hose	FORD MUSTANG 302 V8 1994 - 1995
CH3463	Bottom Hose	CHRYSLER Jeep Grand Cherokee 4.0 Litre NZ & Export 1987 - 2002
CH3464	Top Hose	FORD Crown Victoria 4.6 Litre 1992 - 1997
CH3465	Power Steering	HOLDEN Commodore Statesman VT - WH 5.0 Litre V8 Return pipe to cooler inlet to 18/03/99 1997 - 2000
CH3466	Power Steering Hose	HOLDEN Commodore Statesman VX-WH 5.7 Litre V8 return pipe to reservoir 2000 - 2002, HOLDEN Commodore Statesman VT - WH 5.7 Litre V8 return pipe to reservoir 1997 - 2000, HOLDEN Commodore Statesman VY-WK 5.7 Litre V8 return pipe to reservoir 2002 - 2004
CH3466	Transmission Cooler Hose	HOLDEN Commodore Statesman VY-WK 5.7 Litre V8 2002 - 2004
CH3467	Power Steering	HOLDEN Commodore Statesman VX, VU & WH 3.8 Litre (L36) V6 12V OHV Hose Return, Cooler Outlet to Reservoir 2000 - 2002, HOLDEN Commodore Statesman VX & WH 3.8 Litre (L67) V6 12V OHV Supercharged Hose Return, Cooler Outlet to Reservoir 2000 - 2002
CH3467	Power Steering Hose	HOLDEN Commodore Statesman VY-WK 3.8 Litre (L36) V6 12V OHV Return, Cooler Outlet to Reservoir 2002 - 2004, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L67) V6 12V OHV Supercharged Return, Cooler Outlet to Reservoir 2002 - 2004
CH3468	Heater Hose No 1	TOYOTA Corolla AE82 1.6 Litre 4AGE 1/86 - 12/88
CH3469	Heater Hose No 2	TOYOTA Corolla AE82 1.6 Litre 4AGE 1/86 - 12/88
CH3470	ByPass Hose No 3	TOYOTA Corolla AE82 1.6 Litre 4AGE 1/86 - 12/88
CH3471	ByPass Hose	NISSAN Pulsar N16 1.6 Litre 2000 - 2002
CH3471	ByPass Hose From Thermostat Upper	NISSAN Pulsar N16 1.8 Litre 2000 - 2002
CH3472	ByPass Hose	NISSAN Pulsar N16 1.6 Litre 2000 - 2002
CH3472	ByPass Hose From Thermostat Lower	NISSAN Pulsar N16 1.8 Litre 2000 - 2002
CH3473	Heater Hose Outlet	NISSAN Pulsar N14 2.0 Litre 1991 - 1995
CH3474	Heater Hose Inlet	NISSAN Pulsar N15 2.0 Litre 1995 - 1996
CH3475	Heater Hose Outlet	NISSAN Pulsar N15 1.6 Litre 1999 - 2001, NISSAN Pulsar N15 1.6 Litre GA16DE 1995 - 1999
CH3476	Heater Hose Outlet	NISSAN Pulsar N15 2.0 Litre 1995 - 1996
CH3477	Heater Hose Inlet	NISSAN Pulsar N15 1.6 Litre 1999 - 2001, NISSAN Pulsar N15 1.6 Litre GA16DE 1995 - 1999
CH3479	Bottom Hose	HOLDEN RODEO R9 2.2 Litre C22NE 5/98 - 2002
CH3482	Heater Hose Outlet to 8/91	TOYOTA Celica ST184 5SFE 10/89 - 11/93
CH3483	Heater Hose Inlet A	TOYOTA Celica ST184 5SFE 10/89 - 11/93
CH3484	Heater Hose Inlet E	TOYOTA Celica ST184 5SFE 10/89 - 11/93
CH3485	Top Hose 10/89-8/91	TOYOTA Celica ST184 5SFE 10/89 - 11/93

Part No	Location	Application
CH3486	Bottom Hose	BMW 325i E36 2.5 litre M50 1991 - 1999
CH3487	Top Hose	BMW 320i E30 2.0 Litre M50B20 1982 - 1990
CH3488	Bottom Hose	BMW 320i E30 2.0 Litre M50B20 1982 - 1990
CH3489	Top Hose	BMW 325i E36 2.5 litre M50 1991 - 1999
CH3490	Bottom Hose	HOLDEN RODEO R9 2.2 Litre C22NE 1998 - 4/98
CH3491	Top Hose	HOLDEN RODEO R9 2.2 Litre C22NE 1998 - 2002
CH3492	Heater Hose	HOLDEN RODEO R9 2.2 Litre C22NE Unit to water Pipe 1998 - 2002
CH3493	ByPass Hose	HOLDEN RODEO R9 2.2 Litre C22NE Water Connector to Engine 1998 - 2002
CH3494	Top Hose	TOYOTA HiLux RN30 1.6 Litre 1979 - 1984
CH3495	Top Hose	TOYOTA Crown MS123 2.8 Litre 1983 - 1985
CH3496	ByPass Hose	TOYOTA Corolla AE112 1998 -
CH3497	ByPass Hose	TOYOTA HiLux RN85,90, 105, 106, 110,130 2.4 Litre (22R) 1988 - 1998
CH3498	ByPass Hose	TOYOTA Supra MA61 2.8 Litre 1982 - 1986
CH3499	ByPass Hose	TOYOTA Celica RA60 2.0 Litre 1981 - 1985
CH3500	Heater Hose Inlet	TOYOTA Crown MS123 2.8 Litre 1983 - 1985
CH3501	Heater Hose	MITSUBISHI PAJERO NJ 3.5 Litre V6 6G74 part B 1995 - 1996
CH3502	Heater Hose	MITSUBISHI PAJERO NJ 3.5 Litre V6 6G74 Part A 1995 - 1996
CH3503	ByPass Hose	MITSUBISHI PAJERO NJ 3.5 Litre V6 6G74 1995 - 1996
CH3504	ByPass Hose	MITSUBISHI PAJERO NJ 3.5 Litre V6 6G74 1995 - 1996
CH3505	Throttle Body Hose D	MITSUBISHI PAJERO NJ 3.5 Litre V6 6G74 1995 - 1996
CH3506	Throttle Body Hose	MITSUBISHI PAJERO NJ 3.5 Litre V6 6G74 B 1995 - 1996
CH3507	Throttle Body Hose	MITSUBISHI PAJERO NJ 3.5 Litre V6 6G74 C 1995 - 1996
CH3508	Throttle Body Hose	MITSUBISHI PAJERO NJ 3.5 Litre V6 6G74 A 1995 - 1996
CH3509	ByPass Hose	MITSUBISHI PAJERO NJ 3.5 Litre V6 6G74 1995 - 1996
CH3510	Top Hose	BMW 318i E21 1.8 litre 1990 - 1999
CH3511	Bottom Hose	BMW 318i E21 1.8 litre 1990 - 1999
CH3512	Heater Hose No 2	NISSAN PINTARA U12 FWD 2.4 Litre KA24 1989 - 1992
CH3513	Heater Hose No1	NISSAN PINTARA U12 FWD 2.0 Litre 1989 - 1992
CH3514	ByPass Hose	NISSAN PINTARA U12 FWD 2.0 Litre 1989 - 1992
CH3515	ByPass Hose	NISSAN PINTARA U12 FWD 2.0 Litre 1989 - 1992
CH3516	ByPass Hose	NISSAN PINTARA U12 FWD 2.0 Litre 1989 - 1992
CH3517	ByPass Hose No 3	NISSAN PINTARA U12 FWD 2.4 Litre KA24 1989 - 1992
CH3518	ByPass Hose No 2	NISSAN PINTARA U12 FWD 2.4 Litre KA24 1989 - 1992
CH3519	Heater Hose No 1	NISSAN PINTARA U12 FWD 2.4 Litre KA24 1989 - 1992
CH3520	Heater Hose No 2	NISSAN PINTARA U12 FWD 2.0 Litre 1989 - 1992
CH3521	ByPass Hose No 4	NISSAN PINTARA U12 FWD 2.4 Litre KA24 1989 - 1992
CH3522	ByPass Hose No 1	NISSAN PINTARA U12 FWD 2.4 Litre KA24 1989 - 1992
CH3523	Heater Hose	TOYOTA Corona ST141 2.0 Litre 2S - C 1983 - 1987
CH3524	Heater Hose Inlet	TOYOTA Corona ST141 2.0 Litre 2S - C 1983 - 1987
CH3525	Heater Hose	TOYOTA Corona ST141 2.0 Litre 2S - C 1983 - 1987
CH3526	Heater Hose No 5	TOYOTA HiLux LN86 -106 2.8 Litre (3L)Diesel 1988 - 8/97, TOYOTA HiLux LN107R 2.8 Litre (3L)Diesel 1991 - 11/97
CH3527	Heater Hose No 4	TOYOTA HiLux LN107R 2.8 Litre (3L)Diesel 1991 - 11/97, TOYOTA HiLux LN86 -106 2.8 Litre (3L)Diesel 1988 - 8/97, TOYOTA HiLux LN85 2.4 Litre (2L)Diesel 1990 - 1992
CH3528	Heater Hose No 1	TOYOTA HiLux LN86 -106 2.8 Litre (3L)Diesel 1988 - 8/97, TOYOTA HiLux LN107R 2.8 Litre (3L)Diesel 1991 - 11/97, TOYOTA HiLux LN85 2.4 Litre (2L)Diesel 1990 - 1992
CH3529	Heater Hose No 6	TOYOTA HiLux LN86 -106 2.8 Litre (3L)Diesel 1988 - 8/97, TOYOTA HiLux LN107R 2.8 Litre (3L)Diesel 1991 - 11/97
CH3530	Heater Hose No 2	TOYOTA HiLux LN107R 2.8 Litre (3L)Diesel 1991 - 11/97, TOYOTA HiLux LN85 2.4 Litre (2L)Diesel 1990 - 1992, TOYOTA HiLux LN86 -106 2.8 Litre (3L)Diesel 1988 - 8/97
CH3531	Heater Hose No 3	TOYOTA HiLux LN86 -106 2.8 Litre (3L)Diesel 1988 - 8/97, TOYOTA HiLux LN107R 2.8 Litre (3L)Diesel 1991 - 11/97, TOYOTA HiLux LN85 2.4 Litre (2L)Diesel 1990 - 1992
CH3532	Heater Hose	NISSAN PATROL GU (Y61) 4.2 Litre (TD42 & TD42T Diesel) Inlet pipe to Top of core 05/98 - 07, NISSAN PATROL GU (Y61) 4.2 Litre (TD42Ti) intercooled Inlet pipe to Top of core 11/02 - 07
CH3532	Heater Hose Inlet	NISSAN PATROL GU (Y61 UTE) 4.2 Litre (TD42 Diesel) 1999 - 2001
CH3533	Heater Hose	NISSAN PATROL GU (Y61) 4.2 Litre (TD42 & TD42T Diesel) Outlet bottom of core to pipe 05/98 - 07, NISSAN PATROL GU (Y61) 4.2 Litre (TD42Ti) intercooled Outlet bottom of core to pipe 11/02 - 07
CH3533	Heater Hose Outlet	NISSAN PATROL GU (Y61 UTE) 4.2 Litre (TD42 Diesel) 1999 - 2001

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CH3534	Bottom Hose	CHRYSLER Jeep Cherokee KJ 2.5 Litre Turbo Diesel 2W 2001 - 2003, CHRYSLER Jeep Liberty KJ 2.5 Litre Turbo Diesel 2W 2001 - 2003
CH3535	Top Hose	CHRYSLER Jeep Cherokee KJ 2.5 Litre Turbo Diesel 2W Suits Some Applications Check Photo 2001 - 2003, CHRYSLER Jeep Liberty KJ 2.5 Litre Turbo Diesel 2W 2001 - 2003
CH3536	Heater Hose Outlet	NISSAN Pulsar N16 1.8 Litre 2000 - 2002, NISSAN Pulsar N16 1.6 Litre 2000 - 2002
CH3537	Heater Hose Inlet	NISSAN Pulsar N16 1.8 Litre 2000 - 2002, NISSAN Pulsar N16 1.6 Litre 2000 - 2002
CH3538	ByPass Hose	CHEVROLET /GMC Lumina, Caprice 3.8 Litre V6 ECOTEC (Australian Made) 2000ON 1997 - 2002
CH3538	Vacuum Servo Brake Hose	HOLDEN Commodore Statesman VX & WH 3.8 Litre (L67) V6 12V OHV Supercharged Brake Booster to Inlet M'fold 2000 - 2002, HOLDEN Commodore Statesman VT - WH 3.8 Litre V6 Supercharged Brake Booster to Inlet M'fold 1997 - 2000, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L67) V6 12V OHV Supercharged Brake Booster to Inlet M'fold 2002 - 2004, HOLDEN Commodore Statesman VX, VU & WH 3.8 Litre (L36) V6 12V OHV Brake Booster to Inlet M'fold 2000 - 2002, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L36) V6 12V OHV Brake Booster to Inlet Manifold 2002 - 2004
CH3538	Vacuum Servo Brake Hose Brake	HOLDEN Commodore Statesman VT - WH 3.8 Litre (L36) V6 12V OHV Booster to Inlet M'fold 1997 - 2000
CH3539	Top Hose	NISSAN X-Trail T30 2.5 Litre QR25 10/2001 - 9/2007
CH3540	Bottom Hose	NISSAN X-Trail T30 2.5 Litre QR25 10/2001 - 9/2007
CH3541	Heater Hose Outlet	NISSAN X-Trail T30 2.5 Litre QR25 10/2001 - 9/2007
CH3542	Heater Hose Inlet	NISSAN X-Trail T30 2.5 Litre QR25 10/2001 - 9/2007
CH3544	Heater Hose Inlet No 2 & 3	TOYOTA LANDCRUISER HZJ70 - HZJ73 - HZJ75 - HZJ78 Series 4.2 Litre 1HZ Diesel HZJ70, HZJ73, HZJ75 1985 - 2001
CH3545	Heater Hose Inlet No 1	TOYOTA LANDCRUISER HZJ79 4.2 Litre Diesel 10/99 - 10/2007, TOYOTA LANDCRUISER HZJ70 - HZJ73 - HZJ75 - HZJ78 Series 4.2 Litre 1HZ Diesel HZJ70, HZJ73, HZJ75 1985 - 2001
CH3546	Heater Hose Inlet Engine to Pipe	TOYOTA LANDCRUISER HJ61 4.0 Litre (Diesel Turbo) 1986 - 1990
CH3547	Heater Hose Outlet unit to pipe	TOYOTA LANDCRUISER HJ61 4.0 Litre (Diesel Turbo) 1986 - 1990
CH3548	Heater Hose	TOYOTA LANDCRUISER FZJ80 4.5 Litre 1FZ-FE Outlet Engine Side With Rear Heater 11/92 - 02/98
CH3549	Heater Hose Outlet No 1	TOYOTA LANDCRUISER HZJ70 - HZJ73 - HZJ75 - HZJ78 Series 4.2 Litre 1HZ Diesel 1985 - 2001
CH3550	Heater Hose Inlet No 2	TOYOTA LANDCRUISER FZJ75 4.5 Litre DOHC 1FZ-FE Petrol 1992 - 1996, TOYOTA LANDCRUISER HZJ79 4.2 Litre Diesel 10/99 - 10/2007
CH3551	Heater Hose Inlet Pipe to Heater	TOYOTA LANDCRUISER HJ61 4.0 Litre (Diesel Turbo) 1986 - 1990
CH3552	Heater Hose Outlet to Rear Heater Manual Trans	TOYOTA LANDCRUISER HJ61 4.0 Litre (Diesel Turbo) 1986 - 1990
CH3553	Heater Hose Outlet	TOYOTA LANDCRUISER HJ61 4.0 Litre (Diesel Turbo) 1986 - 1990
CH3554	Heater Hose Outlet	TOYOTA LANDCRUISER HZJ79 4.2 Litre Diesel 10/99 - 10/2007, TOYOTA LANDCRUISER HZJ70 - HZJ73 - HZJ75 - HZJ78 Series 4.2 Litre 1HZ Diesel HZJ70, HZJ73, HZJ75 1985 - 2001
CH3555	Heater Hose OutLet to rear Heater Auto Trans	TOYOTA LANDCRUISER HJ61 4.0 Litre (Diesel Turbo) 1986 - 1990
CH3557	Heater Inlet Hose No 1	TOYOTA LANDCRUISER HJ75 2H Diesel 1985 - 1987
CH3558	Heater Hose No 2	TOYOTA LANDCRUISER HJ75 2H Diesel 1985 - 1987
CH3559	Top Hose	TOYOTA Cressida MX83 3.0 Litre 7MGE 1988 - 1993
CH3560	Bottom Hose	TOYOTA Cressida MX83 3.0 Litre 7MGE 1988 - 1993
CH3561	Heater Hose No 2	TOYOTA Cressida MX83 3.0 Litre 7MGE 1988 - 1993
CH3562	ByPass Hose No 5	TOYOTA Cressida MX83 3.0 Litre 7MGE 1988 - 1993
CH3563	Heater Hose No 1	TOYOTA Cressida MX83 3.0 Litre 7MGE 1988 - 1993
CH3564	Heater Hose Inlet E	TOYOTA Cressida MX83 3.0 Litre 7MGE 1988 - 1993
CH3565	ByPass Hose No 4	TOYOTA Cressida MX83 3.0 Litre 7MGE 1988 - 1993
CH3566	ByPass Hose No 6	TOYOTA Cressida MX83 3.0 Litre 7MGE 1988 - 1993
CH3567	ByPass Hose No 1	TOYOTA Cressida MX83 3.0 Litre 7MGE 1988 - 1993
CH3568	ByPass Hose No 2	TOYOTA Cressida MX83 3.0 Litre 7MGE 1988 - 1993
CH3570	ByPass Hose	FORD Festiva WD 1.3 & 1.5 litre 1997 - 2001
CH3571	Heater Hose	HOLDEN RODEO TF 2.8 Litre 4JB1T (Diesel) Engine to Unit from 1/98 5/90 - 2003
CH3571	Heater Hose Engine to heater core	HOLDEN RODEO TF 3.0 Litre (4JH1) Turbo Diesel 01/02 - 02/03
CH3572	Heater Hose	HOLDEN RODEO R9 2.2 Litre C22NE Engine to Unit 1998 - 2002



Part No	Location	Application
CH3573	ByPass Hose	HOLDEN RODEO TF 2.8 Litre 4JB1T (Diesel) To water Pump 5/90 - 2003, HOLDEN RODEO RA 3.0 Litre Turbo Diesel 4JH1TC To water Pump 03/2003 - 2006
CH3573	ByPass Hose To water Pump	HOLDEN RODEO TF 3.0 Litre (4JH1) Turbo Diesel 01/02 - 02/03
CH3574	ByPass Hose No2	TOYOTA RAV4 ACA20R - ACA21R 2.0 Litre 1AZ-FE 07/00 - 09/03
CH3575	Heater Hose No 2	TOYOTA RAV4 ACA20R - ACA21R 2.0 Litre 1AZ-FE 07/00 - 09/03
CH3577	Water Line Hose	MITSUBISHI PAJERO NJ 3.5 Litre V6 6G74 No 1 1995 - 1996
CH3578	ByPass Hose	MITSUBISHI PAJERO NF - NG - NH 3.0 Litre V6 (Petrol) Thermostat 1988 - 1994
CH3579	Throttle Body Inlet Hose	MITSUBISHI PAJERO NF - NG - NH 3.0 Litre V6 (Petrol) (NH) 1988 - 1994
CH3580	Throttle Body Return Hose	MITSUBISHI PAJERO NF - NG - NH 3.0 Litre V6 (Petrol) (NF) 1988 - 1994
CH3581	ByPass Hose	MITSUBISHI PAJERO NF - NG - NH 3.0 Litre V6 (Petrol) Intake Manifold (NH,NJ,NG) 1988 - 1994, MITSUBISHI PAJERO NJ 3.0 Litre V6 Intake manifold 1993 - 1996
CH3582	Heater Inlet to Pipe rear Hose Manual Trans	TOYOTA LANDCRUISER HJ61 4.0 Litre (Diesel Turbo) 1986 - 1990
CH3583	Water Line Hose	MITSUBISHI PAJERO NJ 3.5 Litre V6 6G74 N0 3 1995 - 1996
CH3584	ByPass Hose	MITSUBISHI PAJERO NJ 3.0 Litre V6 Throttle Body inlet 1993 - 1996
CH3584	Throttle Body Inlet Hose	MITSUBISHI PAJERO NH-NJ 2.5 Litre Turbo/ Diesel 1991 - 1994
CH3585	Bottom Hose	NISSAN PATROL GU (Y61) 4.2 Litre (TD42Ti) intercooled 11/02 on 11/02 - 07
CH3587	Heater Hose	MITSUBISHI PAJERO NF - NG - NH 3.0 Litre V6 (Petrol) (NF,NG) 1988 - 1994
CH3588	Heater Hose	MITSUBISHI PAJERO NF - NG - NH 3.0 Litre V6 (Petrol) (NF,NG) 1988 - 1994
CH3589	ByPass Hose	FORD RADIER 2.6 Litre G6 Eng 11/89 - 1996, FORD Courier 1987 2.6 Litre G6 Eng 11/89 - 1996, FORD Courier PG 2.6 Litre G6 2002 - 2007, MAZDA Bravo 2.6 Litre G6 1998 - 2007
CH3590	ByPass Hose	HOLDEN RODEO TF 2.3 (Petrol) 4ZD 1993 - 1996
CH3591	ByPass Hose	HOLDEN RODEO TF 2.5 Litre (4JA1 Diesel) 5/90 - 12/92
CH3592	Top Hose	HOLDEN RODEO TF 3.0 Litre (4JH1) Turbo Diesel 01/02 - 02/03
CH3593	ByPass Hose	HOLDEN RODEO KB -KD 2.2 Litre C223 (Diesel) 1983 - 1988
CH3594	Heater Hose	HOLDEN RODEO TF 3.0 Litre (4JH1) Turbo Diesel To Water pipe 01/02 - 02/03, HOLDEN RODEO TF 2.8 Litre 4JB1T (Diesel) To Water pipe from 1/98 5/90 - 2003
CH3595	Heater Hose	HOLDEN RODEO TF 2.3 (Petrol) 4ZD Heater to Pipe 1988 - 1996, HOLDEN RODEO TF 2.6 Litre (Petrol) 4ZE1 Heater to Pipe 7/88 - 1998
CH3596	Heater Hose	HOLDEN RODEO TF 2.5 Litre (4JA1 Diesel) Engine to Heater 5/90 - 12/92
CH3597	Heater Hose	FORD Trader 4.0 Litre Diesel No 1 10/89 - 11/95
CH3598	Heater Hose	FORD Trader 4.0 Litre Diesel No 3 10/89 - 11/95
CH3599	Reservoir to Radiator Hose	HOLDEN Commodore Statesman VN -VQ -VG 3.8 Litre V6 1988 - 1990
CH3600	Reservoir to Radiator	HOLDEN Commodore Statesman VN -VQ -VG 3.8 Litre V6 1991 1988 - 1991
CH3601	Reservoir to Engine Hose	HOLDEN Commodore Statesman VN -VQ -VG 3.8 Litre V6 1988 - 1991
CH3603	Heater Hose	HOLDEN RODEO TF 2.8 Litre 4JB1T (Diesel) Heater to Pipe 1 to 12/97 5/90 - 2003
CH3604	Heater Hose	HOLDEN RODEO TF 2.3 (Petrol) 4ZD Engine to Heater 1988 - 1996, HOLDEN RODEO TF 2.6 Litre (Petrol) 4ZE1 Engine to Heater 7/88 - 1998
CH3605	Heater Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS17 2.6 Litre EFI 4ZEF1 (Petrol) Engine to Heater 1987 - 1992
CH3606	Heater Hose	HOLDEN RODEO TF 2.6 Litre (Petrol) 4ZE1 Engine to Heater Pipe 7/88 - 1998, HOLDEN RODEO TF 2.3 (Petrol) 4ZD Engine to Heater Pipe 1988 - 1996
CH3607	Heater Hose	HOLDEN RODEO TF 2.8 Litre 4JB1T (Diesel) Engine to Heater to 12/97 5/90 - 2003
CH3608	Heater Hose	HOLDEN RODEO TF 2.6 Litre (Petrol) 4ZE1 Engine to Pipe 2 7/88 - 1998, HOLDEN JACKAROO (Bighorn, Trooper) UBS17 2.6 Litre EFI 4ZEF1 (Petrol) Engine to Pipe 2 1987 - 1992
CH3609	Heater Hose	HOLDEN RODEO TF 2.5 Litre (4JA1 Diesel) heater to pipe 1 5/90 - 12/92
CH3610	Heater Hose	HOLDEN RODEO TF 2.3 (Petrol) 4ZD Engine to Pipe 1988 - 1996
CH3611	Bottom Hose	NISSAN NAVARA D22 3.2 Litre Radiator to Pipe 1991 - 2002
CH3612	Bottom Hose	NISSAN Navara D22 2.4 Litre KA24E 2 WD 4/97 - 1999
CH3613	Bottom Hose	NISSAN Navara D21 2.4 Litre Z24 2 WD without power steering 1985 - 3/92
CH3614	Top Hose	CHRYSLER Jeep Grand Cherokee 5.2 Litre V8 Export Only 1997/98 1993 - 1998
CH3615	Top Hose	NISSAN PATROL GU (Y61) 4.2 Litre (TD42Ti) intercooled 11/02 on 11/02 - 07
CH3616	Heater Hose	FORD Trader 4.0 Litre Diesel No 4 10/89 - 11/95
CH3617	Heater Hose	FORD Trader 4.0 Litre Diesel No2 10/89 - 11/95
CH3618	Radiator to Reservoir Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS69 3.1 Litre 4JG2T (Turbo Diesel) 1992 - 1998
CH3619	ByPass Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS17 2.6 Litre EFI 4ZEF1 (Petrol) Throttle Body to Engine 1987 - 1992, HOLDEN RODEO TF 2.6 Litre (Petrol) 4ZE1 Throttle body to engine to 12/92 7/88 - 1998
CH3620	Heater Hose	HOLDEN RODEO KB -KD 2.2 Litre C223 (Diesel) Manifold to Heater 1983 - 1988
CH3621	ByPass Hose	HOLDEN RODEO TF 2.6 Litre (Petrol) 4ZE1 Engine to Throttle Body to 12/92 7/88 - 1998, HOLDEN JACKAROO (Bighorn, Trooper) UBS17 2.6 Litre EFI 4ZEF1 (Petrol) Engine to Throttle Body 1987 - 1992

Part No	Location	Application
CH3622	Top Hose	FORD Trader 4.0 Litre Diesel 10/89 - 11/95
CH3623	Bottom Hose	FORD Trader 4.0 Litre Diesel 10/89 - 11/95
CH3624	ByPass Hose Throttle Body water Hose outlet	MITSUBISHI Galant HJ 2.0 Litre 1993 - 1996
CH3625	ByPass Hose Throttle Body water hose	MITSUBISHI Galant HJ 2.0 Litre 1993 - 1996
CH3626	Heater Hose No1	MITSUBISHI Galant HJ 2.0 Litre 1993 - 1996
CH3627	Heater Hose	MITSUBISHI Galant HJ 2.0 Litre No2 1993 - 1996
CH3628	ByPass Hose	HOLDEN RODEO TF 2.8 Litre 4JB1T (Diesel) Oil cooler return(coolant hose) (to 12/96) 5/90 - 2003
CH3628	Oil Cooler to Engine Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS69 3.1 Litre 4JG2T (Turbo Diesel) 1992 - 1998
CH3629	ByPass Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS17 2.6 Litre EFI 4ZEF1 (Petrol) To Thermostat Housing 1987 - 1992, HOLDEN RODEO TF 2.6 Litre (Petrol) 4ZEI To Thermostat Housing to 10/95 7/88 - 1998
CH3630	Heater Hose to tap	TOYOTA LANDCRUISER HZJ70 - HZJ73 - HZJ75 - HZJ78 Series 4.2 Litre 1HZ Diesel HZJ78 1985 - 2001
CH3631	Heater Hose Outlet	TOYOTA LANDCRUISER HZJ70 - HZJ73 - HZJ75 - HZJ78 Series 4.2 Litre 1HZ Diesel HZJ78 1985 - 2001
CH3632	Top Hose	LANDROVER Discovery 2.5 litre Turbo Diesel 1996 - 1998
CH3633	Bottom Hose	NISSAN Navara D22 2.7 Litre Diesel 4/97 - 1999
CH3635	ByPass Hose	TOYOTA Corolla AE90-92-93-94 1.4, 6AFC, 1.6 Litre 4AFC, 4AFE Thermostat to Engine (with EFI) 1987 - 1994, HOLDEN NOVA LE:LF 1.4, 6AFC, 1.6 Litre 4AFC, 4AFE Thermostat to Engine (with EFI) 1987 - 1994
CH3636	Bottom Hose	MAZDA Eunos 800 2.5 Litre V6 1994 - 2000
CH3637	Heater Hose	FORD Mondeo 2.0 Litre Inlet No 1 1995 - 1999
CH3638	Heater Hose	FORD Mondeo HC 2.0 litre SD Inlet no 2 1996 - 1998
CH3639	Heater Hose	FORD Mondeo HC 2.0 litre SD 1996 - 1998
CH3640	Top Hose	NISSAN PATROL GU II 4.8 Litre TB48E 2001 - 2002
CH3641	Heater Hose Outlet	NISSAN PATROL GU II 4.8 Litre TB48E 2001 - 2002
CH3642	Heater Hose Inlet connecting pipe to heater	NISSAN PATROL GU II 4.8 Litre TB48E 2001 - 2002
CH3643	Heater Hose Front heater No 1	NISSAN PATROL GU II 4.8 Litre TB48E 2001 - 2002
CH3644	ByPass Hose Block to Oil Cooler	NISSAN PATROL GU II 4.8 Litre TB48E 2001 - 2002
CH3645	ByPass Hose Thermostat housing to manifold	NISSAN PATROL GU II 4.8 Litre TB48E 2001 - 2002
CH3646	ByPass Hose Throttle Body	NISSAN PATROL GU II 4.8 Litre TB48E 2001 - 2002
CH3647	ByPass Hose Throttle Body 2	NISSAN PATROL GU II 4.8 Litre TB48E 2001 - 2002
CH3648	ByPass Hose From Oil Cooler	NISSAN PATROL GU II 4.8 Litre TB48E 2001 - 2002
CH3649	Heater Hose Outlet N02	NISSAN PATROL GU II 4.8 Litre TB48E 2001 - 2002
CH3652	ByPass Hose	NISSAN Navara D21 3.0 Litre V6 VG30E Thermostat to Engine 1992 - 1997
CH3652	ByPass Hose Thermostat to Engine	NISSAN PATHFINDER 3.0 Litre V6 (VG30) 1992 - 1997
CH3654	Bottom Hose	MITSUBISHI PAJERO NM 3.5 Litre V6 6G74 2000 - 10/02, MITSUBISHI PAJERO NP 3.8 Litre V6 6G75 8/03 - 9/06, MITSUBISHI PAJERO NP 3.5 Litre V6 6G74 11/02 - 07/04
CH3655	Water ByPass Hose No 2	SUBARU Impreza 2.0 Litre 1998 - 2000, SUBARU IMPREZA WRX 2.0 Litre Turbo 1998 - 2000
CH3656	Heater Hose inner	SUBARU Impreza 2.0 Litre 1998 - 2000, SUBARU IMPREZA WRX 2.0 Litre Turbo 1998 - 2000
CH3658	ByPass Hose	FORD Laser KF - KH 1.8 Litre (SOHC) Pipe 1 to Thermostat 1990 - 1994, MAZDA 323 Astina BG10 Pipe 1 to Thermostat 1.8 Litre (SOHC) 1989 - 1996
CH3660	ByPass Hose	SUBARU Forester GT 2.5 Litre EJ25 Turbo No1 -
CH3660	Water ByPass Hose No 1	SUBARU Impreza 2.0 Litre 1998 - 2000, SUBARU IMPREZA WRX 2.0 Litre Turbo 1998 - 2000
CH3661	Heater Hose	FORD Maverick (TB42) 6 Cyl 4.2 Litre (Petrol) Heater to Engine 1988 - 1994
CH3661	Heater Hose Heater to Engine	NISSAN PATROL GQ (Y60) 4.2 Litre (TB42) 6 Cyl (Petrol) (Carby) 1988 - 1997
CH3662	Heater Hose	NISSAN Navara D21 3.0 Litre V6 VG30E Heater to Engine 1992 - 1997
CH3662	Heater Hose Heater to Engine	NISSAN PATHFINDER 3.0 Litre V6 (VG30) 1992 - 1997
CH3663	Heater Hose Heater to Engine	NISSAN Navara D21 2.7 Litre Diesel 4WD 8/93- ON 1987 - 1996



Part No	Location	Application
CH3664	Heater Hose	NISSAN Navara D21 2.4 Litre KA24E engine to heater 4WD 5/93-on 1992 - 1997, NISSAN Navara D21 3.0 Litre V6 VG30E Engine to Heater 1992 - 1997
CH3665	ByPass Hose	NISSAN Navara D21 2.4 Litre KA24E 4WD Pipe to Throttle body 1992 - 1997
CH3666	Heater Hose Engine to Heater	NISSAN Navara D21 2.7 Litre Diesel 4WD 5/93-ON 1987 - 1996
CH3667	Top Hose	NISSAN Navara D22 2.4 Litre KA24E 4/97 - 1999
CH3668	Heater Hose Heater to Engine	NISSAN Navara D21 2.7 Litre Diesel 1987 - 1996
CH3669	Heater Hose	FORD Maverick TD42 (Diesel) Engine to Heater 1988 - 1994
CH3669	Heater Hose Engine to Heater	NISSAN PATROL GQ (Y60) 4.2 Litre (TD42) 6 Cyl (Diesel) 1988 - 1998
CH3670	Heater Hose	FORD Maverick TD42 (Diesel) Heater to Engine 1988 - 1994
CH3670	Heater Hose Heater to Engine	NISSAN PATROL GQ (Y60) 4.2 Litre (TD42) 6 Cyl (Diesel) 1988 - 1998
CH3671	Heater Hose Engine to Heater	NISSAN PATROL GQ (Y60) 4.2 Litre (TB42) 6 Cyl (Petrol) (EFI) 1988 - 1997
CH3672	Top Hose	CHEVROLET /GMC Monte Carlo 1998 - 2003, CHEVROLET /GMC Lumina "W" 3.1M Engine USA Manufacture 1995 - 1998
CH3673	Top Hose	CHEVROLET /GMC S10 Pickup / Blazer 1994 - 1995
CH3674	Bottom Hose	FORD Crown Victoria, Grand Marquis 4.6 Litre 2003 - 2004
CH3675	Bottom Hose	CHRYSLER Jeep Cherokee 4.0 Litre NZ & Export (US application) 1997 - 2001
CH3676	Top Hose	FORD MUSTANG 302 V8 1994 - 1995
CH3677	Top Hose	FORD Crown Victoria 4.6 Litre 1998 - 2001
CH3678	Bottom Hose	FORD Crown Victoria 4.6 Litre 1992 - 1997
CH3679	Top Hose	MAZDA Eunos 800M 2.3 Litre KJ 1994 - 2000, MAZDA Eunos 800M 2.3 Litre KJ 1994 - 2000
CH3680	ByPass Hose	HYUNDAI EXCEL 1.5 Litre DOHC (G4KFR) 1/98 - 2000
CH3681	Heater Hose	HYUNDAI EXCEL 1.5 Litre (G4DJ) Engine to Heater 1991 - 1994
CH3682	Heater Hose	HYUNDAI EXCEL 1.5 Litre (G4DJ) Heater to Engine 1991 - 1994
CH3683	ByPass Hose	HYUNDAI EXCEL 1.5 Litre (G4DJ) Thottle body to intake manifold 1991 - 1994
CH3684	ByPass Hose	MAZDA Eunos 800 2.5 Litre V6 # 4 1994 - 2000
CH3685	ByPass Hose	MAZDA Eunos 800 2.5 Litre V6 #1 1994 - 2000
CH3686	ByPass Hose	MAZDA Eunos 800 2.5 Litre V6 # 5 1994 - 2000
CH3687	Heater Hose	MAZDA Eunos 800 2.5 Litre V6 # 2 1994 - 2000
CH3688	ByPass Hose	MAZDA Eunos 800 2.5 Litre V6 # 2 1994 - 2000
CH3689	Heater Hose	MAZDA Eunos 800 2.5 Litre V6 # 1 1994 - 2000
CH3690	Top Hose	MAZDA Eunos 800 2.5 Litre V6 1994 - 2000
CH3691	Bottom Hose	FORD Territory SX 4.0 Litre (6Cyl) 2003 - 2005, FORD Territory SY 4.0 Litre (6Cyl) 10/05 -
CH3692	Top Hose	FORD Territory SX 4.0 Litre (6Cyl) 2003 - 2005, FORD Territory SY 4.0 Litre (6Cyl) 10/05 -
CH3693	Heater Hose	FORD Territory SX 4.0 Litre (6Cyl) # 1 2003 - 2005, FORD Territory SY 4.0 Litre (6Cyl) # 1 10/05 -
CH3694	Heater Hose	FORD Territory SX 4.0 Litre (6Cyl) 2003 - 2005, FORD Territory SY 4.0 Litre (6Cyl) 10/05 -
CH3695	Bottom Hose	SUBARU LIBERTY - OUTBACK 3 2.5 Litre EJ25 10/98 - 10/03
CH3696	Top Hose	SUBARU LIBERTY - OUTBACK 3 2.5 Litre EJ25 10/98 - 10/03
CH3697	Top Hose	HONDA INTEGRA 1.8 Litre B18A RHD 1989 - 1993, HONDA INTEGRA RS/GS/LS (LHD Application) 1990 - 1993
CH3698	ByPass Hose	HONDA CRV 2 Litre Auto Trans (Left Hand Drive) 1999 - 2001
CH3699	Heater Hose	HONDA CIVIC 1.5 Litre Outlet ( Left Hand Drive Application) 1984 - 1987
CH3700	Heater Hose	HONDA CIVIC 1.6 Litre 4 Cyl Outlet ( Left Hand Drive Application) 1988 - 1991
CH3701	Heater Hose	HONDA INTEGRA RS/GS/LS Inlet #1 (LHD Application) 1990 - 1993, HONDA INTEGRA 1.8 Litre B18A RHD Inlet #1 1989 - 1993
CH3702	ByPass Hose	HONDA CIVIC CX/DX/LX 1.6 Litre (Left Hand Drive) 1996 - 2000, HONDA De Sol 1.6 Litre (Left Hand Drive) 1996 - 1997
CH3703	Bottom Hose	NISSAN PATROL GU II 4.8 Litre TB48E 2001 - 2002
CH3704	ByPass Hose	HONDA CIVIC DX 3door -EX Si 1.6 Litre (Left Hand Drive) 1992 - 1995, HONDA De Sol 1.6 Litre (Left Hand Drive) 1992 - 1995
CH3705	ByPass Hose Pipe to Engine	NISSAN PATHFINDER R50 3.3 Litre V6 (VG33E) 1995 - 2005
CH3706	Heater Hose	HONDA CIVIC 1.5 Litre Inlet #1 ( Left Hand Drive Application) 1984 - 1987
CH3707	Heater Hose	HONDA PRELUDE 2.0 Litre Outlet (Left Hand Drive Application) 1989 - 1991
CH3708	Top Hose	HONDA PRELUDE 2.2 Litre 5th Gen 1994 - 1997
CH3709	Heater Hose	HONDA ACCORD 2.0 Litre Inlet #1 (Left Hand Drive Application) 1986 - 1989
CH3710	Heater Hose	HONDA CIVIC 1.6 Litre 4 Cyl Inlet #1 ( Left Hand Drive Application) 1988 - 1991
CH3711	Heater Hose	HONDA INTEGRA RS/GS/LS Outlet (LHD Application) 1990 - 1993, HONDA INTEGRA 1.8 Litre B18A RHD Outlet 1989 - 1993
CH3712	Heater Hose	HONDA INTEGRA Type R 1.6 Litre Outlet (Left Hand Drive) 1997 - 2001, HONDA De Sol 1.6 Litre (Left Hand Drive) 1993 - 1997, HONDA CIVIC DX 3door -EX Si 1.6 Litre Outlet (Left Hand Drive) 1992 - 1995



Part No	Location	Application
CH3713	Heater Hose	HONDA CIVIC DX 3door -EX Si 1.6 Litre Inlet # 2 (Left Hand Drive) 1992 - 1997, HONDA De Sol 1.6 Litre Inlet #2 (Left Hand Drive) 1992 - 1995, HONDA INTEGRA Type R 1.6 Litre Inlet # 2 (Left Hand Drive) 1997 - 2001
CH3714	Top Hose	MITSUBISHI PAJERO NM 3.5 Litre V6 6G74 2000 - 10/02, MITSUBISHI PAJERO NP 3.5 Litre V6 6G74 11/02 - 07/04, MITSUBISHI PAJERO NP 3.8 Litre V6 6G75 8/03 - 9/06
CH3715	ByPass Hose	MAZDA Eunox 800 2.5 Litre V6 #3 1994 - 2000
CH3717	Bottom Hose	NISSAN Infinity Q45 (G50) VH45DE 4.5 litre v8 1990 - 1996
CH3718	Top Hose	TOYOTA AVALON MCX10R 3.0 Litre V6 (Left Hand Drive) 1997 - 2001
CH3719	Top Hose	CHEVROLET /GMC Lumina, Caprice 5.7 Litre V8 (Australian Made) 2004 - , HOLDEN Commodore Statesman VZ-WL 6 Litre L7 V8 2006 - , CHEVROLET /GMC Lumina, Caprice 6 Litre L7 V8 (Australian Made) 2006 - , HOLDEN Commodore Statesman VZ-WL 5.7 Litre V8 2004 -
CH3720	Bottom Hose	CHEVROLET /GMC Lumina, Caprice 5.7 Litre V8 (Australian Made) - , HOLDEN Commodore Statesman VZ-WL 5.7 Litre V8 2004 - , HOLDEN Commodore Statesman VZ-WL 6 Litre L7 V8 2006 - , CHEVROLET /GMC Lumina, Caprice 6 Litre L7 V8 (Australian Made) 2006 -
CH3721	Heater Hose	HOLDEN Commodore Statesman VZ-WL 5.7 Litre V8 Heater Bypass water valve outlet 2004 - , CHEVROLET /GMC Lumina, Caprice 5.7 Litre V8 Heater Bypass water valve outlet (Australian Made) - , HOLDEN Commodore Statesman VZ-WL 6 Litre L7 V8 Heater Bypass water valve outlet 2006 - , CHEVROLET /GMC Lumina, Caprice 6 Litre L7 V8 Heater Bypass water valve outlet (Australian Made) 2006 -
CH3722	Top Hose	CHEVROLET /GMC Lumina, Caprice 3.6 Litre V6 Alloytec (Australian Made) 2004 - , HOLDEN Commodore Statesman VZ-WL 3.6 Litre V6 Alloytec 2004 -
CH3723	Bottom Hose	HOLDEN Commodore Statesman VZ-WL 3.6 Litre V6 Alloytec 2004 - , CHEVROLET /GMC Lumina, Caprice 3.6 Litre V6 Alloytec (Australian Made) 2004 -
CH3724	Heater Hose	CHEVROLET /GMC Lumina, Caprice 3.6 Litre V6 Alloytec water shut off valve inlet (Australian Made) 2004 - , HOLDEN Commodore Statesman VZ-WL 3.6 Litre V6 Alloytec water shut off valve inlet 2004 -
CH3725	Heater Hose	CHEVROLET /GMC Lumina, Caprice 3.6 Litre V6 Alloytec outlet (Australian Made) 2004 -
CH3725	Heater Hose outlet	HOLDEN Commodore Statesman VZ-WL 3.6 Litre V6 Alloytec 2004 -
CH3726	Heater Hose	HOLDEN Commodore Statesman VZ-WL 3.6 Litre V6 Alloytec inlet (bypass Valve outlet) 2004 - , CHEVROLET /GMC Lumina, Caprice 3.6 Litre V6 Alloytec inlet (bypass Valve outlet) (Australian Made) 2004 -
CH3727	Bottom Hose	MITSUBISHI MIRAGE CJ1A 1.3 Litre 4G13 1995 - 2000, MITSUBISHI Lancer CE 1.5 Litre Auto Transmission 1996 - 2003
CH3728	Bottom Hose	TOYOTA PRADO 120 Series 3.0 Litre 1 KZTE Turbo Diesel 2003 - , TOYOTA PRADO KDJ120R Series 3.0 Litre 1KDFTV Turbo Diesel 2006 - 2009
CH3729	Top Hose	TOYOTA PRADO 120 Series 3.0 Litre 1 KZTE Turbo Diesel 2003 -
CH3730	Top Hose	TOYOTA HiLux VZN167R 3.4 Litre 5VZ-FE 2002 - 2005
CH3731	Bottom Hose	TOYOTA HiLux VZN167R 3.4 Litre 5VZ-FE 2002 - 2005
CH3733	Heater Hose	HONDA ACCORD 2.2 Litre heater to tape (left hand drive application) 1990 - 1993
CH3734	Heater Hose	HONDA CRV 2 Litre heater to engine (Left Hand Drive) 1998 -
CH3735	ByPass Hose	HONDA INTEGRA GSR 1.8 Litre (left hand drive application ) 2000 - 2001
CH3736	Heater Hose	HONDA CIVIC Del Sol -s -Si Valve to Engine (left Hand Drive Application) 1996 - 1997
CH3737	Heater Hose	HONDA CRV 2 Litre valve 1 to intake manifold (Left Hand Drive) 1998 -
CH3738	Heater Hose B	TOYOTA PRADO 120 Series 3.0 Litre 1 KZTE Turbo Diesel 2003 -
CH3739	Heater Hose C	TOYOTA PRADO 120 Series 3.0 Litre 1 KZTE Turbo Diesel 2003 -
CH3740	Heater Hose A	TOYOTA PRADO 120 Series 3.0 Litre 1 KZTE Turbo Diesel 2003 -
CH3741	Bottom Hose	TOYOTA HiLux KZN165R 3.0 Litre Turbo Diesel 1KZ-TE NZ & Export 1999 - 2005
CH3743	Bottom Hose	NISSAN NAVARA D22 3.0 Litre ZD30Turbo Diesel 2002 -
CH3745	Top Hose	NISSAN NAVARA D22 3.0 Litre ZD30Turbo Diesel 2002 -
CH3746	ByPass Hose Thermostat to manifold	NISSAN Terrano R50 3.3 Litre VG33 1995 - 1999
CH3747	Heater Hose A	NISSAN NAVARA D22 3.0 Litre ZD30Turbo Diesel 2002 -
CH3749	Top Hose	NISSAN 300ZX 3.0 Litre Twin Turbo 1989 - 1996
CH3750	ByPass Water Hose A sub assembly	TOYOTA PRADO 120 Series 4.0 Litre V6 DOHC 1GR-FE 2003 -
CH3751	ByPass	TOYOTA HiLux GGN15R 4.0 Litre 1GR-FE A 2005 - 2013, TOYOTA HiLux GGN25R 4.0 Litre 1GR-FE A 2005 - 2013
CH3751	ByPass Hose A	TOYOTA PRADO 120 Series 4.0 Litre V6 DOHC 1GR-FE 2003 -
CH3752	ByPass Water Hose B sub assembly	TOYOTA PRADO 120 Series 4.0 Litre V6 DOHC 1GR-FE 2003 -
CH3753	Heater Hose A	TOYOTA PRADO 120 Series 4.0 Litre V6 DOHC 1GR-FE 2003 -
CH3754	ByPass	TOYOTA HiLux GGN25R 4.0 Litre 1GR-FE 2005 - 2013, TOYOTA HiLux GGN15R 4.0 Litre 1GR-FE 2005 - 2013
CH3754	ByPass Hose	TOYOTA PRADO 120 Series 4.0 Litre V6 DOHC 1GR-FE 2003 -
CH3755	Bottom Hose	TOYOTA PRADO 120 Series 4.0 Litre V6 DOHC 1GR-FE 2003 -
CH3756	Heater Hose C	TOYOTA PRADO 120 Series 4.0 Litre V6 DOHC 1GR-FE 2003 -
CH3757	ByPass	TOYOTA HiLux GGN15R 4.0 Litre 1GR-FE B 2005 - 2013, TOYOTA HiLux GGN25R 4.0 Litre 1GR-FE B 2005 - 2013



Part No	Location	Application
CH3757	ByPass Hose B	TOYOTA PRADO 120 Series 4.0 Litre V6 DOHC 1GR-FE 2003 -
CH3758	Heater Hose	TOYOTA HiLux GGN15R 4.0 Litre 1GR-FE B 2005 - 2013, TOYOTA HiLux GGN25R 4.0 Litre 1GR-FE B 2005 - 2013
CH3758	Heater Hose B	TOYOTA PRADO 120 Series 4.0 Litre V6 DOHC 1GR-FE 2003 -
CH3759	Top Hose	TOYOTA PRADO 120 Series 4.0 Litre V6 DOHC 1GR-FE 2003 -
CH3762	Top Hose	MAZDA B2200 2.0 Litre V6 DOHC 1GR-FE 2003 -
CH3763	Heater Hose	MAZDA B2200 2.0 Litre V6 DOHC 1GR-FE 2003 -
CH3764	Heater Hose	MAZDA B2200 2.0 Litre V6 DOHC 1GR-FE 2003 -
CH3765	Heater Hose	MAZDA B2200 2.0 Litre V6 DOHC 1GR-FE 2003 -
CH3766	Heater Hose	MAZDA B2200 2.0 Litre V6 DOHC 1GR-FE 2003 -
CH3767	Bottom Hose	MAZDA B2200 2.0 Litre V6 DOHC 1GR-FE 2003 -
CH3768	Bottom Hose	TOYOTA HiAce TRH 221R 2.7 Litre 2TRFE Radiator Side 2005 -
CH3769	Top Hose	TOYOTA HiAce TRH 221R 2.7 Litre 2TRFE Radiator Side 2005 -
CH3770	Heater Hose	MAZDA B2200 2.0 Litre V6 DOHC 1GR-FE 2003 -
CH3771	Top Hose	ALFA ROMEO 115 1990 - 1994
CH3772	Fuel Filler Hose	FIAT 128 1976 - 1977
CH3773	Top Hose	NISSAN PATHFINDER R51M 3.3 Litre V6 (VG33E) 1/05 -
CH3774	Bottom Hose	NISSAN PATHFINDER R51M 3.3 Litre V6 (VG33E) 1/05 -
CH3775	Bottom Hose	TOYOTA Dyna 200 14B 5/95 - 5/2000
CH3776	Top Hose	NISSAN Primera SR20DE NZ & Export 1998 - 2001
CH3777	Top Hose	NISSAN ALTIMA CA20S 4CYL NZ & Export 1989 - 1997
CH3778	Bottom Hose	NISSAN Primera SR20DE NZ & Export 1998 - 2001
CH3779	Bottom Hose	TOYOTA Corona ST171 2.0 Litre 3S-F 11/89-92 1987 - 1992
CH3781	Top Hose	NISSAN ALTIMA VQ35DE NZ & Export 2005 -
CH3782	Bottom Hose	NISSAN ALTIMA VQ35DE NZ & Export 2005 -
CH3783	Bottom Hose	NISSAN D720 VG33E 6 Cyl NZ & Export 1996 - 2004
CH3784	Top Hose	MAZDA B2200 2.0 Litre V6 DOHC 1GR-FE 2003 -
CH3785	Bottom Hose	MAZDA B2200 2.0 Litre V6 DOHC 1GR-FE 2003 -
CH3786	Bottom Hose	TOYOTA PRADO RZJ95R 2.7 Litre 4 Cyl 3RZ-FE 1996 - 2002
CH3787	Top Hose	MAZDA B2200 2.0 Litre V6 DOHC 1GR-FE 2003 -
CH3788	Top Hose	TOYOTA Cressida RX80 22R 1989 - 1997
CH3789	Bottom Hose	MAZDA B2200 2.0 Litre V6 DOHC 1GR-FE 2003 -
CH3790	Power Steering Hose	HOLDEN Commodore Statesman VX-WH 5.7 Litre V8 Reservoir To Pump 2000 - 2002, HOLDEN Commodore Statesman VY-WK 5.7 Litre V8 Reservoir To Pump 2002 - 2004, HOLDEN Commodore Statesman VT - WH 5.7 Litre V8 reservoir to pump 1997 - 2000
CH3791	Top Hose	MAZDA B2200 2.0 Litre V6 DOHC 1GR-FE 2003 -
CH3792	Heater Hose	HONDA PRELUDE VTI BB6 2.2 Litre H22A Outlet 1997 - 5/02
CH3793	ByPass Hose	BMW 316i E36 M43B16 Lower 1991 - , BMW 316i E36 M43B16 1991 - , BMW Z3 E36 1.8 Litre M43 1991 - , BMW 318iS / 318Ti E36 Series M42 & M44 1991 - , BMW 318i E36 M43B18 1991 -
CH3794	Bottom Hose	BMW Z3 E36 1.9 Litre M44 1995 - 1999, BMW 318iS / 318Ti E36 Series M42 & M44 1995 - 1999
CH3795	Top Hose	BMW Z3 E36 1.8 Litre M43 1993 - , BMW 316i E36 M43 1993 - , BMW 318i E36 M43 W/AC 9/95 -
CH3796	ByPass Hose	BMW 318i E36 M43B18 Upper 1989 - , BMW 518i E34 M43B18 Upper 1988 - , BMW 316i E36 M43B16 Upper 1989 -
CH3797	Heater Hose	BMW 320i, 323i 325i, 328i E36 M50,M52, M50B25,M50B28 Inlet 1990 -
CH3798	ByPass Hose	BMW 730i, 735i, 740i, 518i, 520i 530i E32 - E34 M30,60,70,40 water pump to water valve 1986 -
CH3799	Bypass Hose	BMW 318i E36 M40 1989 - , BMW 518i E34 M43B18 1988 -
CH3800	Heater Hose	BMW 318iS / 318Ti E36 Series M42 & M44 Inlet 1994 -
CH3801	Top Hose	BMW 320i, 323i, 328i E36 M50, M52 1990 -
CH3802	Bottom Hose	BMW 318iS / 318Ti E36 Series M42 & M44 1994 -
CH3803	ByPass Hose	AUDI A4 1.9TDi 1Z, APN, AFT, AHU - , AUDI 100 2.0i AAE, AAD, ACE, AVG - , AUDI A6 1.9TDi 1Z - , AUDI A6 2.0i ABK, ADW, ACE, AAE - , AUDI A4 1.8i ADR, AEB AFY - , AUDI A4 1.6i ADP - , VOLKSWAGEN Passat 1.9 TDI AHU, AAD, ACE, ABB - , VOLKSWAGEN Passat 1.8i ADR, AFY, AEB, APU, AND, APT, ARG - , VOLKSWAGEN Passat 1.6i ADP -
CH3804	Top Hose	AUDI A4 1.8 Litre ADR, AFY 1994 -
CH3805	Breather Hose	DAEWOO Cielo 1.5 Litre (OHC G15MF) valve cover to inlet 1995 - 1998, DAEWOO Lanos 1.5 Litre (OHC) G15MF valve cover to inlet 1995 - 1998
CH3806	Heater Hose Return	AUDI A4 1.9TDi 1Z, APN, AFT, AHU - , AUDI A6 1.9TDi 1Z - , AUDI A4 1.6i ADP - , AUDI A4 1.8i ADR, AEB AFY -
CH3807	Bottom Hose	BMW 320i, 323i 325i, 328i E36 M50,M52, M50B25,M50B28 1990 -
CH3808	Bottom Hose	BMW 316i E36 M40B16 1996 - 2002
CH3809	Heater Hose	BMW 320i, 323i, 328i E36 M50, M52 return 1990 -
CH3810	ByPass Hose	BMW 316i E36 M43B16 1996 - 2002
CH3812	ByPass Hose	BMW 316i E36 M40B16 1996 - 2002
CH3813	Heater Hose	BMW 316i E36 M40B16 Inlet 1996 - 2002

Part No	Location	Application
CH3814	Heater Hose	BMW 316i E36 M40B16 return 1996 - 2002
CH3815	ByPass Hose	BMW 316i E36 M40B16 1996 - 2002
CH3816	ByPass Hose	BMW 316i E36 M43B16 Heater Element to Pipe 7/94 - 9/95
CH3817	ByPass Hose	BMW 316i E36 M43 pipe to heater element 1993 -
CH3818	Heater Hose	TRIUMPH TR250, 5, 6 Heater Return Angled 1967 - 1976
CH3819	Heater Hose Feed	TRIUMPH TR4, 4A, TR5, TR250, TR6 1962 - 1976
CH3820	Heater Hose Outlet	TRIUMPH TR4, 4A, TR5, TR250, TR6 1962 - 1976
CH3821	Heater Hose Inlet	TRIUMPH TR4, 4A, TR5, TR250, TR6 1962 - 1976
CH3822	Top Hose	BMW 318IS / 318TI E36 Series M42 & M44 1995 - 1999, BMW Z3 E36 1.9 Litre M44 1995 - 1999
CH3823	Top Hose	NISSAN MURANO Z50 3.5 Litre VQ35-DE V6 2005 - 2007
CH3824	ByPass Hose	NISSAN MURANO Z50 3.5 Litre VQ35-DE V6 2005 - 2007
CH3826	Heater Hose	NISSAN MURANO Z50 3.5 Litre VQ35-DE V6 Outlet 2005 - 2007
CH3827	Bottom Hose	NISSAN MURANO Z50 3.5 Litre VQ35-DE V6 2005 - 2007
CH3828	ByPass Hose	NISSAN MURANO Z50 3.5 Litre VQ35-DE V6 2005 - 2007
CH3829	Top Hose	HOLDEN RODEO RA 3.0 Litre Turbo Diesel 4JHITC 03/2003 - 2006
CH3830	Bottom Hose	HOLDEN RODEO RA 3.5 Litre 6VEI V6 2003 -
CH3831	Heater Hose	HOLDEN RODEO RA 3.5 Litre 6VEI V6 Outlet 2003 -
CH3832	Heater Hose	HOLDEN RODEO RA 3.5 Litre 6VEI V6 Inlet 2003 -
CH3833	Top Hose	KIA Pregio 2.7 Diesel 2002 - 12/05
CH3834	Bottom Hose	KIA Pregio 2.7 Diesel 2002 - 12/05, KIA K2700 PU 2.7 Litre J2 04/2005 - 3/2008, KIA K2700 TU 2.7 Litre J2 10/2002 - 01/2005, KIA K2700 PU 2.9 Litre J3 2008 - 2011
CH3835	Bottom Hose	MAZDA 3 BK10F1 2.0 Litre LF DOHC 2004 - 5/2009, MAZDA 3 BK1031 2.3 Litre L3 DOHC 2004 - 5/2009
CH3836	Bottom Hose	MAZDA 3 BK10F1 2.0 Litre LF DOHC T piece to W/Pump 2004 - 5/2009, MAZDA 3 BK1031 2.3 Litre L3 DOHC T piece to W/Pump 2004 - 5/2009
CH3837	Bottom Hose	MAZDA 3 BK10F1 2.0 Litre LF DOHC Radiator to Tpiece 2004 - 5/2009, MAZDA 3 BK1031 2.3 Litre L3 DOHC Radiator to Tpiece 2004 - 5/2009
CH3838	Bottom Hose	MAZDA 6 GG1031 2.3 Litre DOHC L3 # 2 8/2002 - 4/2007
CH3839	ByPass Hose	MAZDA 3 BK10F1 2.0 Litre LF DOHC 2004 - 5/2009, MAZDA 3 BK1031 2.3 Litre L3 DOHC 2004 - 5/2009
CH3840	Heater Hose	MAZDA 6 GG1031 2.3 Litre DOHC L3 # 2 8/2002 - 4/2007
CH3841	Heater Hose	MAZDA 6 GG1032 AWD 2.3 Litre DOHC L3 No 2 10/2005 - 1/2008
CH3842	Heater Hose	MAZDA 6 GG1032 AWD 2.3 Litre DOHC L3 No 1 10/2005 - 1/2008
CH3843	Heater Hose	MAZDA 6 GG1031 2.3 Litre DOHC L3 # 1 8/2002 - 4/2007
CH3844	ByPass Hose	MAZDA 3 BK10F1 2.0 Litre LF DOHC 2004 - 5/2009, MAZDA 3 BK1031 2.3 Litre L3 DOHC 2004 - 5/2009
CH3845	ByPass Hose	MAZDA 3 BK10F1 2.0 Litre LF DOHC 2004 - 5/2009, MAZDA 3 BK1031 2.3 Litre L3 DOHC 2004 - 5/2009
CH3846	Top Hose	MAZDA 6 GG1032 AWD 2.3 Litre DOHC L3 10/2005 - 1/2008
CH3847	ByPass Hose	MAZDA 3 BK10F1 2.0 Litre LF DOHC 2004 - 5/2009, MAZDA 3 BK1031 2.3 Litre L3 DOHC 2004 - 5/2009
CH3848	Bottom Hose	MAZDA 6 GG1031 2.3 Litre DOHC L3 # 1 8/2002 - 4/2007
CH3849	Top Hose	MAZDA 6 GG1031 2.3 Litre DOHC L3 8/2002 - 4/2007
CH3850	Top Hose	MAZDA 3 BK10F1 2.0 Litre LF DOHC 2004 - 5/2009, MAZDA 3 BK1031 2.3 Litre L3 DOHC 2004 - 5/2009
CH3851	Top Hose	HONDA ODYSSEY 3.0 Litre J30A3 1995 -
CH3852	Bottom Hose	HONDA ODYSSEY 2.4 Litre F24A6 1995 -
CH3853	Top Hose	HONDA ODYSSEY 2.4 Litre F24A6 1995 -
CH3854	Bottom Hose	HONDA ODYSSEY 3.0 Litre J30A3 2000 - 2004
CH3855	Bottom Hose	MITSUBISHI RVR 4WD 2.0 Litre 4G63 NZ & Export refer drawing 1991 - 1998
CH3856	Top Hose	MITSUBISHI RVR 4WD 2.0 Litre 4G63 NZ & Export 1991 - 1998
CH3857	Top Hose Radiator End	TOYOTA Estima CYR10 2.2 Litre T/Diesel 1991 - 1996
CH3858	Top Hose Engine Side	TOYOTA Estima CYR10 2.2 Litre T/Diesel NZ & Export 1991 - 1996
CH3859	Bottom Hose Radiator End	TOYOTA Estima CYR10 2.2 Litre T/Diesel 1991 - 1996
CH3860	Bottom Hose Engine Side	TOYOTA Estima CYR10 2.2 Litre T/Diesel 1991 - 1996
CH3861	ByPass Hose	HONDA PRELUDE VTI BB6 2.2 Litre H22A water valve 1997 - 5/02
CH3864	Top Hose	TOYOTA Cavalier 2.4 Litre 1995 - 1990
CH3865	Top Hose	MITSUBISHI LEGNUM EA1W FWD 1.8 Litre 4G93 DOHC 1995 - 2000
CH3866	Bottom Hose	MITSUBISHI RVR 4WD 2.0 Litre 4G63 NZ & Export refer drawing 1991 - 1998
CH3867	Bottom Hose	MITSUBISHI Galant 4G93 2.0 Litre NZ & Export 1998 -
CH3868	Bottom Hose	MITSUBISHI Galant 4G63 2.0 Litre FWD NZ & Export 1998 -
CH3869	Bottom Hose	NISSAN Skyline RB20DE 2.0 Litre DOHC NZ & Export 1985 - 1989
CH3870	Top Hose	SUZUKI Vitara V6 H20A 1995 - , SUZUKI Vitara SQ625 2.5 Litre H25A 1998 - 08/05
CH3871	Bottom Hose	TOYOTA HiAce KDH200R 2.5 Litre Diesel 2005 -
CH3872	Bottom Hose	HONDA PRELUDE VTI BB6 2.2 Litre H22A 1997 - 5/02



Part No	Location	Application
CH3873	Expansion Tank Hose	SAAB 9-3 2.0 Litre Turbo 1998 - 2002
CH3874	Expansion Tank Hose	SAAB 9-5 2.0 Litre 4Cyl Turbo 2000-01 1998 - 2002
CH3875	Top Hose	SAAB 9-5 2.0 Litre 4Cyl Turbo 1998 - 2002
CH3876	ByPass Hose	SAAB 9-5 3.0 Litre V6 Turbo thermostat housing to nipple 1998 - 2002
CH3876	Nipple to air valve Hose	SAAB 9-5 3.0 Litre V6 Turbo 1998 - 2002
CH3877	Expansion Tank Hose	SAAB 9-5 2.0 Litre 4Cyl Turbo 1998-99 1998 - 2002
CH3878	Bottom Hose	SAAB 9-5 3.0 Litre V6 Turbo 1998 - 2002
CH3879	Return Hose	SAAB 9-5 2.0 Litre 4Cyl Turbo 1998 - 2002
CH3880	Return Hose	SAAB 900 / 9-3 2.0 Litre Turbo 1994 -
CH3881	Heater Hose	SAAB 9-5 2.0 Litre 4Cyl Turbo 1998 - 2002
CH3882	ByPass	SAAB 9-5 3.0 Litre V6 Turbo Thermostat Housing to nipple 1998 - 2002
CH3883	Bottom Hose	SAAB 9-5 2.0 Litre 4Cyl Turbo 1998 - 2002
CH3884	Top Hose	SAAB 900 / 9-3 2.0 Litre Turbo 1994 -
CH3885	Top Hose	SAAB 9-5 3.0 Litre V6 Turbo 1998 - 2002
CH3886	Top Hose	HONDA ODYSSEY 2.3 LITRE F23Z4 1995 - 2005, HONDA ODYSSEY RA 2.2 LITRE F22B6 1994 - 1997
CH3887	Heater Hose	SAAB 900 V6 1994 - 1997
CH3888	Top Hose	SAAB 9000 1995 - 1998
CH3889	Bottom Hose	SAAB 9000 1994 - 1995
CH3890	Heater Hose A	MAZDA TRITON ME, MF, MG, MH, MJ 2.5 Litre Diesel 4D56 & 4D56T 86-91 1986 - 1997
CH3891	Heater Hose B	MAZDA TRITON ME, MF, MG, MH, MJ 2.5 Litre Diesel 4D56 & 4D56T 86-91 1986 - 1997
CH3892	Heater Hose	MAZDA LANCER CC 1500cc 1993 - 1994
CH3892	Heater Hose CB	MAZDA LANCER CA-CB 1.5 Litre 4G15 1988 - 1996
CH3893	Heater Hose	MAZDA LANCER CC 1500cc 1993 - 1994, MAZDA LANCER CA-CB 1.5 Litre 4G15 (CB) 1988 - 1996
CH3894	Heater Hose	MAZDA PAJERO NH-NJ 2.5 Litre Turbo/ Diesel NH 1991 - 1994
CH3895	Heater Hose	MAZDA PAJERO NH-NJ 2.5 Litre Turbo/ Diesel NH 1991 - 1994
CH3896	Heater Hose A	MAZDA TRITON ME, MF, MG, MH, MJ 2.5 Litre Diesel 4D56 & 4D56T 91-97 1986 - 1997
CH3897	Heater Hose B	MAZDA TRITON ME, MF, MG, MH, MJ 2.5 Litre Diesel 4D56 & 4D56T 91-97 1986 - 1997
CH3898	Heater Hose C	MAZDA TRITON ME, MF, MG, MH, MJ 2.5 Litre Diesel 4D56 & 4D56T 91-97 1986 - 1997
CH3899	ByPass Hose	MAZDA PAJERO NL 2.8 Litre 4M40 Diesel pipe to thermostat housing 1997 - 2000, MAZDA L200 Express Utility Chassis K77 2.8 Litre 4M40 Diesel pipe to thermostat housing 06/96 - 1/03, MAZDA L200 Express Utility Chassis K67 2.8 Litre 4M40 Diesel pipe to thermostat housing 06/96 - 1/03, MAZDA TRITON MK Chassis K77 2.8 Litre 4M40T Turbo Diesel pipe to thermostat housing 2/03 - 1/8/06, MAZDA TRITON MK Chassis K77 2.8 Litre 4M40 Diesel pipe to thermostat housing 06/96 - 1/03, MAZDA TRITON MK Chassis K67 2.8 Litre 4M40 Diesel pipe to thermostat housing 06/96 - 1/03, MAZDA PAJERO NK 2.8 Litre 4M40 Diesel pipe to thermostat housing 1996 - 1997, MAZDA PAJERO NJ 2.8 Litre 4M40 Diesel pipe to thermostat housing 1993 - 1996
CH3900	Bottom Hose	NISSAN PRIMERA P10 2WD 1988 cc (NZ & Export) 1990 - 1995
CH3901	Heater Hose Inlet	VOLKSWAGEN GOLF 1996 - 12/2000
CH3902	Top Hose except India	OPEL ASTRA Mk2 - 3 1.7 diesel X17DTI 1/89 - 9/98
CH3903	Bottom Hose	OPEL ASTRA Mk2 - 3 1.7 diesel X17DTI 1/89 - 9/98
CH3904	Bottom Hose from pipe to radiator	OPEL ASTRA Mk2 - 3 1.7 diesel X17DTI 1/89 - 9/98
CH3905	Heater Hose from header tank to tube	OPEL ASTRA Mk2 - 3 1.7 diesel X17DTI 1/89 - 9/98
CH3906	Top Hose	MAZDA GALANT E30 Series 1988 - 1993
CH3907	Bottom Hose	MAZDA GALANT E30 Series 1988 - 1993
CH3908	ByPass Hose	HOLDEN RODEO TF 2.8 Litre 4JB1T (Diesel) on top of manifold (09/94-12/96) 5/90 - 2003
CH3909	Heater Hose	BMW 320i, 323i 325i, 328i E36 M50, M52, M50B25, M50B28 Outlet 1990 -
CH391	Bottom Hose	JAGUAR XKE I 3.8 Litre Water Pump to Pipe 1961 - 1964
CH3910	Heater Hose	HOLDEN RODEO KB -KD 1.6 Litre (Petrol) 1/81 - 12/82
CH3911	ByPass Hose	AUDI A4, A6 1.6 & 1.8 Litre AHL, ARM, AJP, ACPE, ARH Throttle valve housing 1995 - 2001
CH3913	ByPass Hose	HOLDEN RODEO TF 2.8 Litre 4JB1T (Diesel) Pipe to Pipe back of engine (to 12/96) 5/90 - 2003
CH3914	Bottom Hose	HONDA JAZZ GD 1.3 Litre L13A1 2002 - 2006
CH3915	Top Hose	HONDA JAZZ GD 1.3 Litre L13A1 2002 - 2006, HONDA JAZZ GD 1.5 Litre L15A1 2002 - 2006
CH3916	Heater Hose	HONDA JAZZ GD 1.3 Litre L13A1 Inlet 2002 - 2006
CH3917	Heater Hose	HONDA JAZZ GD 1.3 Litre L13A1 Outlet 2002 - 2006
CH3918	Heater Hose	BMW 316i E46 M43B16, M47 1998 - 2004
CH3919	Heater Hose	BMW 316i E46 M43B16, M47 Inlet 1998 - 2004
CH3920	Top Hose	AUDI A4 1.8 Litre ADR, AFY with fitting 1994 -
CH3921	Heater Hose Inlet	AUDI A4 1.8 Litre ADR, AFY 1995 -

Part No	Location	Application
CH3922	Top Hose	KIA RIO 1.5 Litre A5D 1999 - 2002
CH3923	Bottom Hose	KIA RIO 1.5 Litre A5D 1999 - 2002
CH3924	Top Hose	ALFA ROMEO Spider 1982 - 1984
CH3925	Bottom Hose	ALFA ROMEO GTV 6 Short elbow 1981 - 1986
CH3926	Heater Hose	HONDA Jazz GD 1.5 Litre L15A1 Inlet 2002 - 2006
CH3927	Heater Hose	HONDA Jazz GD 1.5 Litre L15A1 2002 - 2006
CH3928	Top Hose	FORD Fiesta WP 1.6 Litre FYJA/B 4B 2004 - 12/05
CH3929	Bottom Hose	FORD Fiesta WP 1.6 Litre FYJA/B 4B 2004 - 12/05, FORD Fiesta WQ 1.6 Litre 2006 -
CH3930	Heater Hose	FORD Fiesta WP 1.6 Litre FYJA/B 4B Header Tank to T Piece 2004 - 12/05, FORD Fiesta WQ 1.6 Litre Header Tank to T Piece 2006 -
CH3931	Heater Hose	CHRYSLER Jeep Cherokee XJ 4.0 Litre MX Inlet 1994 - 1999
CH3932	Heater Hose	CHRYSLER Jeep Cherokee XJ 4.0 Litre MX Outlet 1994 - 1999
CH3933	Heater Hose	CHRYSLER Jeep Cherokee XJ 4.0 Litre MX Inlet 2000 - 2001
CH3934	Heater Hose	CHRYSLER Jeep Cherokee XJ 4.0 Litre MX Outlet 2000 - 2001
CH3935	Heater Hose	CHRYSLER Jeep Grand Cherokee ZG 4.0 Litre MX Inlet 1996 - 1999
CH3936	Heater Hose	CHRYSLER Jeep Grand Cherokee ZG 4.0 Litre MX Outlet 1996 - 1999
CH3937	ByPass Hose	CHRYSLER Jeep Grand Cherokee 5.2 Litre V8 Export Only Water pump 1993 - 1998
CH3938	Top Hose	TOYOTA Starlet EP80 -82 1.0, 1.3 Litre 1989 - 1995
CH3939	Bottom Hose	TOYOTA Corolla EE80 1.3 Litre 1983 - 1988
CH3940	Heater Hose	HYUNDAI Getz TB 1.3 Litre G4EA1 Outlet 2002 - 8/05
CH3941	Heater Hose	HYUNDAI Getz TB 1.3 Litre G4EA1 Inlet 2002 - 8/05
CH3942	Heater Hose	HYUNDAI Getz TB 1.5 Litre G4EC2 Inlet 2002 - 8/05
CH3943	Heater Hose	HYUNDAI Getz TB 1.6 Litre G4ED5 Inlet 08/05 - , HYUNDAI Getz TB 1.4 Litre G4EE5 Inlet 08/05 -
CH3944	Heater Hose	HYUNDAI Getz TB 1.4 Litre G4EE5 Outlet 08/05 - , HYUNDAI Getz TB 1.6 Litre G4ED5 Outlet 08/05 -
CH3945	Bottom Hose	TOYOTA AVALON MCX20 3.0 Litre 1MZFE 8/99 - 1/00
CH3946	Bottom Hose	MITSUBISHI LEGNUM EA1W FWD 1.8 Litre 4G93 DOHC 1995 - 2000
CH3947	Heater Hose	MITSUBISHI PAJERO NJ 3.0 Litre V6 1993 - 1996
CH3948	Heater Hose	MITSUBISHI PAJERO NJ 3.0 Litre V6 1993 - 1996
CH3949	Bottom Hose	MITSUBISHI RVR 4WD 2.0 Litre 4G63 NZ & Export refer drawing 1991 - 1998
CH3950	Heater Hose	TOYOTA HiAce LH100 -110 -120 2.4 Diesel , T/Diesel 8/89 - 7/99
CH3951	Heater Hose	TOYOTA HiAce LH100 -110 -120 2.4 Diesel , T/Diesel Outlet 8/89 - 7/99
CH3952	Heater Hose Inlet	TOYOTA HiAce LH100 -110 -120 2.4 Diesel , T/Diesel 8/89 - 7/99
CH3953	Heater Hose	TOYOTA HiAce LH100 -110 -120 2.4 Diesel , T/Diesel 8/89 - 7/99
CH3954	Heater Hose	TOYOTA HiAce LH100 -110 -120 2.4 Diesel , T/Diesel 8/89 - 7/99
CH3955	Bottom Hose	MG Midget 1977 - 1980
CH3956	Top Hose	HYUNDAI Getz TB 1.3 Litre G4EA1 2002 - 8/05
CH3957	Top Hose	HYUNDAI Getz TB 1.6 Litre G4ED5 2002 - 8/05, HYUNDAI Getz TB 1.5 Litre G4EC2 2002 - 8/05, HYUNDAI Getz TB 1.4 Litre G4EE5 8/05 - 8/05
CH3958	Bottom Hose	HYUNDAI Getz TB 1.3 Litre G4EA1 2002 - 8/05
CH3959	Bottom Hose	HYUNDAI Getz TB 1.5 Litre G4EC2 2002 - 8/05, HYUNDAI Getz TB 1.6 Litre G4ED5 08/05 - , HYUNDAI Getz TB 1.4 Litre G4EE5 08/05 -
CH3960	Heater Hose	HYUNDAI Getz TB 1.5 Litre G4EC2 Outlet 2002 - 8/05
CH3962	Top Hose	DAIHATSU Terios 1.3 Litre 03/97 - 6/2000
CH3963	Bottom Hose	DAIHATSU Terios 1.3 Litre 03/97 - 6/2000
CH3964	Heater Hose	DAIHATSU Terios 1.3 Litre Inlet 03/97 - 6/2000
CH3965	Heater Hose	DAIHATSU Terios 1.3 Litre Outlet 03/97 - 6/2000
CH3966	ByPass Hose	DAIHATSU Terios 1.3 Litre 03/97 - 6/2000
CH3967	Top Hose	MAZDA 323 Astina BG10 1.6 litre&1.8 litre SOHC 5 Door 1989 - 1996
CH3968	Heater Hose	BMW 520i E39 M52,B25,B28,M51D25 Engine to heater valve 1995 - 2003, BMW 520i E39 M52,B25,B28,M51D25 Engine to heater valve 1995 - 2003
CH3969	Heater Hose	BMW 520i E39 M52,B25,B28,M51D25 engine to heater inlet 1995 - 2003
CH3970	Heater Hose	BMW 518i E34 M43B18 Inlet 1988 -
CH3971	Heater Hose	BMW 518i E34 M43B18 Outlet 1988 -
CH3972	ByPass Hose	VOLKSWAGEN Polo classic 1.9 TDi SDi Oil cooler to pipe 2000 - 2002
CH3973	Bottom Hose	VOLKSWAGEN Golf 1.8,2.0i, 1.9 TD without air con 1992 - 1998, SEAT Cordoba / Ibiza 1.6, 1.8, 1.9, 2.0 Litre Petrol & diesel 5/91 - 12/02
CH3974	Bottom Hose	VOLKSWAGEN Golf 1.8,2.0i, 1.9 TD with air con 1992 - 1998
CH3977	Heater Hose inlet	VOLKSWAGEN Golf 1992 - 1998
CH3978	Bottom Hose	VOLKSWAGEN Golf II 1.6,1.8 Litre Petrol 1.6 Litre D,TD 1984 - 1992
CH3979	ByPass Hose	VOLKSWAGEN Golf II 1.6, 1.8 Petrol 1.6 Litre Diesel 1984 - 1992
	Thermostat at w/ pump	
CH3980	Oil Cooler Hose	VOLKSWAGEN Golf II 1.6,1.8 Litre Petrol 1.6 Litre D,TD 1984 - 1992
CH3981	Heater Hose Inlet	VOLKSWAGEN Golf II 1.6, 1.8 Petrol 1.6 Litre Diesel 1984 - 1992
CH3982	Heater Hose Inlet	VOLKSWAGEN Golf II 1.8i 16v & 2.0i 1984 - 1992



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CH3983	Heater Hose Inlet	VOLKSWAGEN Golf II 1.0, 1.3, caby, 1.3i 1984 - 1992
CH3984	Heater Hose Outlet	VOLKSWAGEN Golf II 1.6, 1.8 Petrol 1.6 Litre Diesel 1984 - 1992
CH3985	Expansion Tank Hose	VOLKSWAGEN Golf 1.8,2.0i, 1.9 TD 1992 - 1998
CH3986	Top Hose	PEUGEOT Boxer 2.5 Litre Diesel & Turbo Diesel 1994 - 2002
CH3987	Bottom Hose	PEUGEOT Boxer 2.5 Litre Diesel & Turbo Diesel non turbo 1994 - 2002
CH3988	Bottom Hose	PEUGEOT Boxer 2.5 Litre Diesel & Turbo Diesel Turbo 1994 - 2002
CH3989	ByPass Hose	PEUGEOT Boxer 2.5 Litre Diesel & Turbo Diesel RHD 1994 - 2002
CH3990	ByPass Hose Thermostat-expansion Tank	PEUGEOT Boxer 2.5 Litre Diesel & Turbo Diesel RHD up to CH# S15577562 1994 - 2002
CH3991	Thermostat-Expansion Tank hose	PEUGEOT Boxer 2.5 Litre Diesel & Turbo Diesel RHD from CH S15577563 1994 - 2002
CH3994	Heater Hose Outlet	PEUGEOT Boxer 2.5 Litre Diesel & Turbo Diesel upto CH#S15577562 1994 - 2002
CH3995	Heater Hose Inlet upto	PEUGEOT Boxer 2.5 Litre Diesel & Turbo Diesel CH#S15577562 1994 - 2002
CH3996	Heater Hose Outlet	PEUGEOT Boxer 2.5 Litre Diesel & Turbo Diesel From CH#S15577563 1994 - 2002
CH3997	Heater Hose Inlet	PEUGEOT Boxer 2.5 Litre Diesel & Turbo Diesel From CH# S15577563 1994 - 2002
CH3998	Heater Hose	TOYOTA Corolla EE100 1.3 Litre 2E-L Export Only 1992 -
CH3999	Heater Hose Inlet	OPEL Kadett 1.6 1.7 Diesel 16D, DA, 17D, Da 1984 - 1993
CH4000	Heater Hose Outlet	OPEL Kadett 1.6 1.7 Diesel 16D, DA, 17D, Da 1984 - 1993
CH4001	Heater Hose Inlet From CH NA000001	OPEL Kadett 1.6 1.7 Diesel 16D, DA, 17D, Da 1984 - 1993
CH4002	Heater Hose Outlet From CH NA000001	OPEL Kadett 1.6 1.7 Diesel 16D, DA, 17D, Da 1984 - 1993
CH4003	Top Hose	OPEL Corsa B 1.5 & 1.7 Litre Diesel 1993 - 2001
CH4004	Bottom Hose	OPEL Corsa B 1.5 & 1.7 Litre Diesel 1993 - 2001
CH4005	Top Hose	OPEL Astra 1.7 Diesel 17D,17DR, 17TD 1992 - 1998
CH4006	Bottom Hose water pipe to Water pump Non ABS	OPEL Kadett 1.6 1.7 Diesel 16D, DA, 17D, Da 1984 - 1993
CH4007	Top Hose	OPEL Kadett 1.6 1.7 Diesel 16D, DA, 17D, Da 1984 - 1993
CH4008	Bottom Hose water pipe- water pump	OPEL Kadett 1.3, 1.4 Litre 1985 - 1993
CH4009	Bottom Hose	DAEWOO Nubira J100, J150 2 Litre X20SED DOHC Manual Trans Australian Vehicles 1999 - 2003
CH4010	Heater Hose	FORD Fiesta WP 1.6 Litre FYJA/B 4B Inlet 2004 - 12/05, FORD Fiesta WQ 1.6 Litre Inlet 2006 -
CH4011	Heater Hose	FORD Fiesta WP 1.6 Litre FYJA/B 4B Outlet 2004 - 12/05, FORD Fiesta WQ 1.6 Litre Outlet 2006 -
CH4012	Heater Hose	MITSUBISHI PAJERO NJ 2.8 Litre 4M40 Diesel A (Export Only) 1990 -
CH4013	Heater Hose	MITSUBISHI PAJERO NJ 2.8 Litre 4M40 Diesel B (1990 On Export Only) 1993 - 1996
CH4014	Heater Hose	MITSUBISHI PAJERO NJ 2.8 Litre 4M40T Diesel A 1993 - 10/96
CH4015	Heater Hose	MITSUBISHI PAJERO NJ 2.8 Litre 4M40T Diesel B 1993 - 10/96
CH4016	Heater Hose	MITSUBISHI PAJERO NJ 2.8 Litre 4M40 Diesel A 1993 - 1996, MITSUBISHI PAJERO NJ 2.8 Litre 4M40 Diesel A 1997 - 2000, MITSUBISHI PAJERO NK 2.8 Litre 4M40 Diesel A 1996 - 1997
CH4017	Heater Hose	MITSUBISHI PAJERO NJ 2.8 Litre 4M40 Diesel B 1993 - 1996, MITSUBISHI PAJERO NJ 2.8 Litre 4M40 Diesel B 1997 - 2000, MITSUBISHI PAJERO NK 2.8 Litre 4M40 Diesel B 1996 - 1997
CH4018	Bottom Hose	MITSUBISHI 380 DB 3.8i V6 6G75 9/05 -
CH4019	Top Hose	MITSUBISHI 380 DB 3.8i V6 6G75 9/05 -
CH402	Top Hose	LANDROVER II A (2.25 Litre Petrol & Diesel) 88 and 109 W.B 1958 - 1967, LANDROVER I - II (2 Litre Diesel) SERIES II. (2 Litre Petrol) 88 & 109 W.B. 1957 - 1961
CH4020	Heater Hose	MITSUBISHI 380 DB 3.8i V6 6G75 9/05 -
CH4021	Top Hose	CHRYSLER Jeep Wrangler TJ 4.0 Litre VP up to 2000 1996 - 2006
CH4022	Bottom Hose	CHRYSLER Jeep Wrangler TJ 4.0 Litre VP up to 2000 1996 - 2006
CH4023	Top Hose	CHRYSLER Jeep Wrangler TJ 4.0 Litre VP from 2000 1996 - 2006
CH4024	Bottom Hose	CHRYSLER Jeep Wrangler TJ 4.0 Litre VP from 2000 1996 - 2006
CH4025	ByPass Hose water pump to coolant pipe	VOLKSWAGEN Golf II 1984 - 1992
CH4026	Heater Hose	MITSUBISHI Triton MK 2.4 Litre 4G64 10/96 - 2006
CH4028	Heater Hose	MITSUBISHI Triton MK 2.4 Litre 4G64 10/96 - 2006
CH4029	Heater Hose	MITSUBISHI Triton MK 2.4 Litre 4G64 10/96 - 2006
CH4030	Heater Hose	MITSUBISHI Triton ME, MF, MG, MH, MJ 2.6 L Petrol 4G54 (A) 2 & 4WD 1991 - 1996



Part No	Location	Application
CH4031	Heater Hose	MITSUBISHI Triton ME, MF, MG, MH, MJ 2.6 L Petrol 4G54 (B) 2 & 4WD 1991 - 1996
CH4032	Heater Hose	MITSUBISHI Triton ME, MF, MG, MH, MJ 3.0 Litre V6 6G72 A 6/90 - 1994
CH4033	Heater Hose	MITSUBISHI Triton ME, MF, MG, MH, MJ 3.0 Litre V6 6G72 B 6/90 - 1994
CH4034	Heater Hose	MITSUBISHI Triton MK 3.0 Litre 6G72 A 10/96 - 2005
CH4035	Heater Hose	MITSUBISHI Triton MK 3.0 Litre 6G72 B 10/96 - 2005
CH4036	Bottom Hose	MITSUBISHI L200 Express Utility Chassis K77 2.8 Litre 4M40 Diesel 4WD From 4/97 High capacity radiator 06/96 - 1/03, MITSUBISHI Triton MK Chassis K77 2.8 Litre 4M40 Diesel 4WD From 4/97 High capacity radiator 06/96 - 1/03
CH4037	Top Hose	MITSUBISHI Triton MK Chassis K77 2.8 Litre 4M40T Turbo Diesel 4WD 2/03 - 1/8/06
CH4038	Heater Hose	MITSUBISHI Triton MK Chassis K77 2.8 Litre 4M40 Diesel A 06/96 - 1/03, MITSUBISHI Triton MK Chassis K67 2.8 Litre 4M40 Diesel A 06/96 - 1/03, MITSUBISHI L200 Express Utility Chassis K67 2.8 Litre 4M40 Diesel A 06/96 - 1/03, MITSUBISHI Triton MK Chassis K77 2.8 Litre 4M40T Turbo Diesel A 2/03 - 1/8/06, MITSUBISHI L200 Express Utility Chassis K77 2.8 Litre 4M40 Diesel A 06/96 - 1/03
CH4039	Heater Hose	MITSUBISHI Triton MK Chassis K77 2.8 Litre 4M40T Turbo Diesel B 2/03 - 1/8/06, MITSUBISHI Triton MK Chassis K77 2.8 Litre 4M40 Diesel B 06/96 - 1/03, MITSUBISHI L200 Express Utility Chassis K77 2.8 Litre 4M40 Diesel B 06/96 - 1/03, MITSUBISHI Triton MK Chassis K67 2.8 Litre 4M40 Diesel B 06/96 - 1/03, MITSUBISHI L200 Express Utility Chassis K67 2.8 Litre 4M40 Diesel B 06/96 - 1/03
CH4040	Oil Cooler Hose	HOLDEN RODEO TF 2.5 Litre (4JA1 Diesel) to Engine Hose 5/90 - 12/92
CH4041	Oil Cooler Hose	HOLDEN RODEO TF 2.5 Litre (4JA1 Diesel) inlet 5/90 - 12/92
CH4042	Top Hose	MAZDA E2200 2.2 Litre (Diesel) Export only 1984 - 1991
CH4043	Bottom Hose	NISSAN Pulsar N15 1.6 Litre 08/95-10/99 export only 1999 - 2001
CH4044	Bottom Hose	MITSUBISHI COLT C11 1.3, 1.5 Litre Export Only 1984 - 1988, MITSUBISHI Lancer C10 1.3, 1.5 Litre Export Only 1984 - 1988
CH4045	Power Steering	HOLDEN Commodore Statesman VT - WH 3.8 Litre V6 Supercharged Return, Pipe to Reservoir 1997 - 2000, HOLDEN Commodore Statesman VT - WH 3.8 Litre (L36) V6 12V OHV Return, Pipe to Reservoir 1997 - 2000
CH4046	Heater Hose Thermostat at heater pipe	OPEL Corsa C 1.7 TD 2001 -
CH4047	Expansion Tank Hose	OPEL Astra G 1.4 & 1.6 Litre 1998 -, OPEL Zafira 1.4 & 1.6 litre 1998 -
CH4048	Heater Hose Inlet	OPEL Corsa B 1.4 & 1.6 Litre 1993 - 2001
CH4049	By Pass Hose	OPEL Astra G 1.4 & 1.6 Litre 1998 -
CH4050	Top Hose	OPEL Astra G 1.4 & 1.6 Litre With Air conditioner 1998 -, OPEL Zafira 1.4 & 1.6 litre With Air conditioner 1998 -
CH4051	Hose water pipe to expansion tank	OPEL Zafira 1.4 & 1.6 litre 1998 -, OPEL Astra G 1.4 & 1.6 Litre 1998 -
CH4052	ByPass Hose	OPEL Corsa C 1.7 TD 2001 -
CH4053	Bottom Hose	OPEL Zafira 1.4 & 1.6 litre Manual Transmission 1998 -, OPEL Astra G 1.4 & 1.6 Litre Manual Transmission 1998 -
CH4054	Bottom Hose	OPEL Zafira 1.4 & 1.6 litre Automatic transmission 1998 -, OPEL Astra G 1.4 & 1.6 Litre Automatic transmission 1998 -
CH4055	Top Hose	OPEL Corsa C 1.7 TD Up to Chassis No 339/349/36999999 2001 -
CH4056	ByPass Hose - Thermostat	OPEL Corsa C 1.7 TD 2001 -
CH4057	ByPass Hose	HOLDEN Astra LD 1.6 Litre Thermostat to inlet manifold 1987 - 1989
CH4057	ByPass Hose Thermostat to inlet manifold	NISSAN Pulsar N13 1.6 Litre 1987 - 1989
CH4058	Top Hose	HOLDEN RODEO RA 3.5 Litre 6VE1 V6 2003 -
CH4059	Bottom Hose	HOLDEN RODEO RA 3.0 Litre Turbo Diesel 4JHITC 03/2003 - 2006
CH4060	Heater Hose	HOLDEN RODEO RA 3.0 Litre Turbo Diesel 4JHITC inlet 03/2003 - 2006
CH4061	Heater Hose	HOLDEN RODEO RA 3.0 Litre Turbo Diesel 4JHITC outlet 03/2003 - 2006
CH4062	Bottom Hose	MITSUBISHI Triton MK Chassis K77 2.8 Litre 4M40T Turbo Diesel 4WD 2/03 - 1/8/06
CH4063	Bottom Hose	TOYOTA Corolla CE100 - CE110 2.0 Litre Diesel 1992 - 2000
CH4065	Top Hose	BMW 528i E39 m52 tropical countries 1996 - 1998
CH4066	Bottom Hose	BMW 528i E39 m52 1996 - 1998
CH4067	Bottom Hose	MERCEDES - BENZ Sprinter Diesel 1998 - 2006
CH4068	Heater Hose	MERCEDES - BENZ VITO 108D 2.3 Diesel OM601D23 Pipe to engine (CDI Models 1999 -
CH4069	Top Hose	BMW 528i E39 m52 to 9/98 1996 - 1998
CH4070	Top Hose	MERCEDES - BENZ A190 W168 1.9 Litre M166.990 1999 - 2002, MERCEDES - BENZ A160 W168 1.6 Litre M168 1998 - 2005, MERCEDES - BENZ A140 W168 1.4 Litre M166.940 2000 - 7/01
CH4071	Bottom Hose	MERCEDES - BENZ A190 W168 1.9 Litre M166.990 upto 5/06/2000 1999 - 2002, MERCEDES - BENZ A140 W168 1.4 Litre M166.940 upto 5/06/2000 2000 - 7/01, MERCEDES - BENZ A160 W168 1.6 Litre M168 upto 5/06/2000 1998 - 2005
CH4072	Bottom Hose	MERCEDES - BENZ A160 W168 1.6 Litre M168 from 06/06/2000 1998 - 2005, MERCEDES - BENZ A190 W168 1.9 Litre M166.990 from 06/06/2000 1999 - 2002, MERCEDES - BENZ A140 W168 1.4 Litre M166.940 from 06/06/2000 2000 - 7/01
CH4073	Top Hose	MERCEDES - BENZ CLK200 2.0 Litre 2000 - 2006, MERCEDES - BENZ CLK230 2.3 Litre 2000 - 2006
CH4074	Bottom Hose	MERCEDES - BENZ CLK230 2.3 Litre 2000 - 2006, MERCEDES - BENZ CLK200 2.0 Litre 2000 - 2006

Part No	Location	Application
CH4075	Top Hose	MERCEDES - BENZ C200 W202 2.0 Litre M111 without A/Con 1996 - 2000
CH4077	Bottom Hose	MERCEDES - BENZ C200 W202 2.0 Litre M111 with A/Con 1996 - 2000
CH4077	Cooling return Hose outlet	MERCEDES - BENZ VITO 108D 2.3 Diesel OM601D23 1999 -
CH4078	Top Hose	MERCEDES - BENZ Sprinter Diesel without A/Con 1998 - 2006
CH4079	Expansion Tank Hose	MERCEDES - BENZ E230 W210 2.3 Litre radiator to expansion tank 1996 - 6/99
CH4080	Cooling Feed Hose Inlet No2	MERCEDES - BENZ VITO 108D 2.3 Diesel OM601D23 1999 -
CH4081	Top Hose	MERCEDES - BENZ E230 W210 2.3 Litre 1996 - 6/99
CH4082	Top Hose	MERCEDES - BENZ E240 W210 2.4 Litre M112-910 1998 - 2002
CH4083	Top Hose	MERCEDES - BENZ E200 Diesel Export Only - 6/99
CH4084	Bottom Hose	MERCEDES - BENZ E240 W210 2.4 Litre M112-910 1998 - 2002, MERCEDES - BENZ E240, 230, 320 2.4, 2.8, 3.2 Litre from 6/99 1993 - 2006
CH4085	Top Hose	MERCEDES - BENZ E300 W210 3.0 Litre M606 7/97 - 11/99
CH4086	Bottom Hose	MERCEDES - BENZ E300 W210 3.0 Litre M606 7/97 - 11/99
CH4087	Top Hose	MERCEDES - BENZ E200CDi 2.0 Litre Export Only -
CH4088	Bottom Hose	MERCEDES - BENZ E200CDi 2.0 Litre Export Only -
CH4089	Bottom Hose	MERCEDES - BENZ E270CDi W210 2.7 Litre OM612.961 1999 - 2002
CH4090	Top Hose	MERCEDES - BENZ E320CDi 3.2 Litre Export Only -
CH4093	Top Hose	MERCEDES - BENZ E250 Diesel Export Only -
CH4094	Bottom Hose	LEXUS ES300 VCV10R 3VZ-FE 6/92 - 10/96
CH4095	Expansion Tank Hose	MERCEDES - BENZ E270CDi W210 2.7 Litre OM612.961 1999 - 2002
CH4096	Bottom Hose	MERCEDES - BENZ E200 Diesel Export Only - 6/99
CH4097	Top Hose	MERCEDES - BENZ E270CDi W210 2.7 Litre OM612.961 1999 - 2002
CH4098	Bottom Hose	MERCEDES - BENZ E250 Diesel Export Only -
CH4099	Top Hose	TOYOTA CHASER 2 Litre TE 1996 -
CH4100	Bottom Hose	TOYOTA CRESTA 2LTE 1996 - , TOYOTA CHASER 2 Litre TE 1996 -
CH4101	Top Hose	TOYOTA Corolla CE100 - CE110 2C & 2CE 1995 - 2001
CH4102	Heater Hose Inlet	TOYOTA RAV4 SXA10R 2.0 Litre 3SFE 1997 - 2000
CH4103	Heater Hose	TOYOTA Starlet EP90 1.3 litre 4EFE, 5EFE 1995 -
CH4105	Expansion Tank Hose	MERCEDES - BENZ E200CDi 2.0 Litre Export Only -
CH4106	Top Hose	TRIUMPH TR250, 5, 6 1967 - 1976
CH4107	Top Hose	TOYOTA YARIS NCP93R 1.5 Litre 1NZ-FE Engine Side 10/05 - , TOYOTA YARIS NCP91R 1.5 Litre 1NZ-FE Engine Side 10/05 - , TOYOTA YARIS NCP90R 1.3 Litre 2NZ-FE Engine Side 10/05 -
CH4108	Top Hose	TOYOTA YARIS NCP90R 1.3 Litre 2NZ-FE radiator side 10/05 -
CH4109	Bottom Hose	TOYOTA YARIS NCP93R 1.5 Litre 1NZ-FE 10/05 - , TOYOTA YARIS NCP90R 1.3 Litre 2NZ-FE 10/05 - , TOYOTA YARIS NCP91R 1.5 Litre 1NZ-FE 10/05 -
CH4110	Heater Hose Inlet	TOYOTA YARIS NCP90R 1.3 Litre 2NZ-FE 10/05 - , TOYOTA YARIS NCP91R 1.5 Litre 1NZ-FE 10/05 - , TOYOTA YARIS NCP93R 1.5 Litre 1NZ-FE 10/05 -
CH4111	Heater Hose Outlet	TOYOTA YARIS NCP91R 1.5 Litre 1NZ-FE 10/05 - , TOYOTA YARIS NCP90R 1.3 Litre 2NZ-FE 10/05 - , TOYOTA YARIS NCP93R 1.5 Litre 1NZ-FE 10/05 -
CH4112	Top Hose	TOYOTA YARIS NCP91R 1.5 Litre 1NZ-FE Radiator Side 10/05 - , TOYOTA YARIS NCP93R 1.5 Litre 1NZ-FE Radiator Side 10/05 -
CH4114	Top Hose	CHEVROLET /GMC OPTRA 1.8 Litre Z18XE from VIN Y5200374 - , HOLDEN Astra TS 1.8 Litre X18E, Z18XE from VIN Y5200374 1998 - 2004
CH4115	Top Hose	HOLDEN Astra TS 1.8 Litre X18E, Z18XE from VIN Y5138251 1998 - 2004, CHEVROLET /GMC OPTRA 1.8 Litre Z18XE from VIN Y5138251 -
CH4116	ByPass Hose	HOLDEN Astra TR 1.6 Litre C16SE Radiator to surge tank 1996 - 1998
CH4118	ByPass Hose	HOLDEN Astra TR 1.8 Litre C18SEL 1996 - 1998
CH4119	ByPass	HOLDEN Astra TR 1.6 Litre C16SE surge tank to connecting tube 1996 - 1998
CH4120	ByPass	HOLDEN Astra TR 1.6 Litre C16SE Connecting pipe to throttle body 1996 - 1998
CH4121	ByPass	CHEVROLET /GMC OPTRA 1.8 Litre Z18XE Thermostat to Surge tank -
CH4121	ByPass Hose	HOLDEN Astra TS 1.8 Litre Z18XE Thermostat to Surge tank 1998 - 2004
CH4122	ByPass Hose	CHEVROLET /GMC OPTRA 1.8 Litre Z18XE Thermostat to Surge tank - , HOLDEN Astra TS 1.8 Litre X18E, Z18XE Thermostat to Surge tank 1998 - 2004
CH4123	Heater Hose	TOYOTA Corolla EE100 1.3 Litre 2E-L Export Only 1992 -
CH4124	ByPass Hose	TOYOTA Avensis ACM20R 2.0 Litre 1AZFE 12/01 - 11/03
CH4124	ByPass Hose Engine Oil cooler Coolant hose to block	TOYOTA RAV4 ACA38R 2.4 Litre 2AZ-FE 2006 - 2013, TOYOTA RAV4 ACA33R 2.4 Litre 2AZ-FE 11/05 -
CH4124	ByPass Hose Oil cooler(coolant Hose)	TOYOTA Camry ACV36 2.4 Litre 2AZFE 2002 - 7/06, TOYOTA CAMRY ACV40R 2.4 Litre 2AZFE 2006 - 2013
CH4125	ByPass Hose	FORD Laser KF - KH 1.8 Litre BP SOHC 1990 - 1994, MAZDA 323 Astina BG10 1.8 Litre BP SOHC 1989 - 1996

Part No	Location	Application
CH4126	Power Steering Hose	HOLDEN Commodore Statesman VE-WM 3.6 Litre LEO,LW2,LY7 Reservoir to Pump 2006 - 08/10, CHEVROLET /GMC Lumina, Caprice 3.6 Litre LEO,LW2,LY7 Reservoir to Pump (Australian Made) 2006 -
CH4127	Top Hose	CHEVROLET /GMC Lumina, Caprice 6 Litre V8 L98, LS2 (Australian Made) 2006 - , HOLDEN Commodore Statesman VE-WM 6. Litre V8 L98, LS2 2006 - 08/10
CH4128	Bottom Hose	CHEVROLET /GMC Lumina, Caprice 6 Litre V8 L98, LS2 (Australian Made) 2006 - , HOLDEN Commodore Statesman VE-WM 6. Litre V8 L98, LS2 2006 - 08/10
CH4129	Power Steering Hose	CHEVROLET /GMC Lumina, Caprice 6 Litre V8 L98, LS2 Pump to Reservoir (Australian Made) 2006 - , HOLDEN Commodore Statesman VE-WM 6. Litre V8 L98, LS2 Pump to Reservoir 2006 - 08/10
CH4130	Top Hose	CHEVROLET /GMC Lumina, Caprice 3.6 Litre LEO,LW2,LY7 (Australian Made) to 6/2009 2006 - , HOLDEN Commodore Statesman VE-WM 3.6 Litre LEO,LW2,LY7 to 6/2009 2006 - 08/10
CH4131	Bottom Hose	HOLDEN Commodore Statesman VE-WM 3.6 Litre LEO,LW2,LY7 2006 - 08/10, CHEVROLET /GMC Lumina, Caprice 3.6 Litre LEO,LW2,LY7 (Australian Made) 2006 -
CH4132	ByPass Hose	HOLDEN Commodore Statesman VL 3.0 Litre (E.F.I) Manifold to Connector 1986 - 1988
CH4133	Top Hose	LEXUS ES300 VCV10R 3VZ-FE 6/92 - 10/96
CH4134	Bottom Hose	MERCEDES - BENZ E200CDI, E220CDI 2.0 , 2.2 Litre Diesel upto 6/99 -
CH4135	Top Hose	MERCEDES - BENZ Sprinter Diesel 1998 - 2006
CH4136	Oil Cooler Hose	HOLDEN RODEO KB -KD 2.2 Litre C223 (Diesel) pump to pipe 1983 - 1988
CH4137	Top Hose	TOYOTA Corolla CE100 - CE110 2.0 Litre Diesel 1992 - 2000
CH4138	Top Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS69 3.1 Litre 4JG2T (Turbo Diesel) Export Only 1992 - 1998
CH4139	Heater Hose	MITSUBISHI PAJERO NJ 2.8 Litre 4M40 Diesel D (1990 on Export Only) 1993 - 1996
CH4140	Heater Hose	MITSUBISHI PAJERO NJ 2.8 Litre 4M40 Diesel C (1990 on Export Only) 1993 - 1996
CH4141	Heater Hose	HOLDEN Commodore Statesman VE-WM 3.6 Litre LEO,LW2,LY7 Inlet 2006 - 08/10, CHEVROLET /GMC Lumina, Caprice 3.6 Litre LEO,LW2,LY7 Inlet (Australian Made) 2006 -
CH4142	Heater Hose	TOYOTA Starlet EP90 1.3 litre 4EFE, 5EFE 1995 -
CH4143	Top Hose	CHRYSLER Jeep Cherokee XJ 2.5 Litre 4 Cyl from 1991 1987 - 1997
CH4144	Bottom Hose	CHRYSLER Jeep Cherokee XJ 2.5 Litre 4 Cyl Radiator to water pump 1987 - 1997
CH4145	Top Hose	MITSUBISHI L200 Express Utility SJ 2.5 Litre 4D56 diesel 2 & 4WD 1996 - 03
CH4146	water pipe to expansion Tank	OPEL Corsa B 1.4 & 1.6 Litre 1993 - 2001
CH4147	Top Hose	VOLKSWAGEN Golf 1.6,1.8,2.0 Litre petrol with Air con for radiator 630 x 380mm 1992 - 1999
CH4148	Bottom Hose	TOYOTA Starlet EP80 -82 1.0, 1.3 Litre 1989 - 1995
CH4149	Heater Hose Inlet	TOYOTA RAV4 ACA22R - ACA23R 2.4 Litre 2AZ-FE 09/03 - 10/05
CH4151	Bottom Hose	TOYOTA RAV4 ACA38R 2.4 Litre 2AZ-FE 2006 - 2013, TOYOTA RAV4 ACA33R 2.4 Litre 2AZ-FE 11/05 -
CH4152	Heater Hose Outlet	TOYOTA RAV4 ACA22R - ACA23R 2.4 Litre 2AZ-FE 09/03 - 10/05
CH4154	Heater Hose Outlet	TOYOTA RAV4 ACA38R 2.4 Litre 2AZ-FE 2006 - 2013, TOYOTA RAV4 ACA33R 2.4 Litre 2AZ-FE 11/05 -
CH4155	Bottom Hose	SUBARU IMPREZA WRX 2.5 Litre EJ257 Turbo 2005 - 2007, SUBARU Impreza 2.0 Litre EJ20 2000 - 2006, SUBARU IMPREZA WRX 2.0 Litre EJ20 Turbo 2000 - 2006
CH4156	Top Hose	SUBARU Impreza 2.0 Litre EJ20 2000 - 2006, SUBARU IMPREZA WRX 2.5 Litre EJ257 Turbo 2005 - 2007, SUBARU IMPREZA WRX 2.0 Litre EJ20 Turbo 2000 - 2006
CH4157	Heater Hose	SUBARU Forester GT 2.5 Litre EJ25 Turbo Inlet - , SUBARU IMPREZA WRX 2.5 Litre EJ257 Turbo Inlet 2005 - 2007
CH4157	Heater Hose Inlet	SUBARU Impreza 2.0 Litre EJ20 2005-06 2005 - 2006, SUBARU IMPREZA WRX 2.0 Litre EJ20 Turbo 2005-06 2005 - 2006
CH4158	ByPass Hose	SUBARU IMPREZA WRX 2.0 Litre EJ20 Turbo 2000 - 2006, SUBARU Impreza 2.0 Litre EJ20 2000 - 2006, SUBARU Forester GT 2.5 Litre EJ25 Turbo -
CH4159	ByPass	SUBARU IMPREZA G3 2.0 Litre EJ204 Water Pump Lower 08/07 - 2013
CH4159	ByPass Hose	SUBARU IMPREZA WRX 2.5 Litre EJ257 Turbo 2005 - 2007, SUBARU Forester GT 2.5 Litre EJ25 Turbo water pump Lower -
CH4159	ByPass Water Pump Lower	SUBARU Impreza 2.0 Litre 1998 - 2006, SUBARU IMPREZA WRX 2.0 Litre Turbo 1998 - 2006
CH4160	Vent Hose	TOYOTA Camry ACV36 2.4 Litre 2AZFE rocker cover to inlet manifold 2002 - 7/06
CH4161	Bottom Hose	FORD F100 4.1 litre (6Cyl) 3/81 - 1985
CH4162	Heater Hose Inlet	SUBARU Impreza 2.0 Litre EJ20 2000-05 2005 - 2006, SUBARU IMPREZA WRX 2.0 Litre EJ20 Turbo 2000-05 2005 - 2006
CH4163	Heater Hose	SUBARU Forester GT 2.5 Litre EJ25 Turbo Outlet - , SUBARU IMPREZA WRX 2.5 Litre EJ257 Turbo Inlet 2005 - 2007
CH4163	Heater Hose Outlet	SUBARU IMPREZA WRX 2.0 Litre EJ20 Turbo 2005 - 2006, SUBARU Impreza 2.0 Litre EJ20 2005 - 2006
CH4164	Top Hose	NISSAN Tiida C11 1.8 Litre MR18 02/06 -
CH4165	Bottom Hose	NISSAN Tiida C11 1.8 Litre MR18 02/06 -
CH4166	Heater Hose Inlet	NISSAN Tiida C11 1.8 Litre MR18 02/06 -
CH4167	Heater Hose Outlet	NISSAN Tiida C11 1.8 Litre MR18 02/06 -
CH4168	Top Hose	HOLDEN Barina XC 1.4 Litre C/Z14XE 2001 - 2005
CH4169	Bottom Hose	HOLDEN Barina XC 1.4 Litre C/Z14XE 2001 - 2005
CH4170	Top Hose	HOLDEN Barina XC 1.4 Litre Z14XEP 2001 - 2005



Part No	Location	Application
CH4171	Radiator Supply hose to heater to pipe	FORD Falcon / Fairlane XG Ute - Van 4.0 Litre (6Cyl) 7/93 - 1996
CH4172	Top Hose	SUBARU Forester GT 2.5 Litre EJ25 Turbo -, SUBARU Forester 2.5 Litre EJ25 6/02 - 2007
CH4173	Bottom Hose	SUBARU Forester GT 2.5 Litre EJ25 Turbo -, SUBARU Forester 2.5 Litre EJ25 2005-07 6/02 - 2007
CH4174	Heater Hose Inlet	SUBARU Forester 2.5 Litre EJ25 6/02 - 2007
CH4175	Heater Hose Outlet (E)	SUBARU Forester 2.5 Litre EJ25 2002-05 6/02 - 2007
CH4176	Heater Hose Outlet (H)	SUBARU Forester 2.5 Litre EJ25 2002-05 6/02 - 2007
CH4177	Heater Hose Outlet	SUBARU Forester 2.5 Litre EJ25 2005-07 6/02 - 2007
CH4178	Heater Hose Outlet	SUBARU Forester 2.5 Litre EJ25 2005-07 6/02 - 2007
CH4179	Heater Hose	TOYOTA Corolla ZZE123R 1.8 Litre 2ZZGE Inlet Auto Trans 2003 - 2006
CH4179	Heater Hose Inlet	TOYOTA Corolla ZZE122R 1.8 Litre 2001 - 2007
CH4180	Heater Hose	TOYOTA Corolla ZZE123R 1.8 Litre 2ZZGE Outlet Manual Trans 2003 - 2006
CH4180	Heater Hose Outlet	TOYOTA Corolla ZZE122R 1.8 Litre 2001 - 2007
CH4181	Top Hose	TOYOTA HiLux KZN165R 3.0 Litre Turbo Diesel 1KZ-TE NZ & Export 1999 - 2005
CH4182	Bottom Hose	TOYOTA HiLux KZN165R 3.0 Litre Turbo Diesel 1KZ-TE NZ & Export 1999 - 2005
CH4183	Heater Hose A	TOYOTA HiLux KZN165R 3.0 Litre Turbo Diesel 1KZ-TE NZ & Export 1999 - 2005
CH4184	Heater Hose Outlet	TOYOTA HiLux KZN165R 3.0 Litre Turbo Diesel 1KZ-TE NZ & Export 1999 - 2005
CH4185	Top Hose	MAZDA 2 DY10Y1 1.5 Litre ZY radiator to pipe 2002 - 2005
CH4186	Top Hose	MAZDA 2 DY10Y1 1.5 Litre ZY pipe to housing 2002 - 2005
CH4187	Bottom Hose	MAZDA 2 DY10Y1 1.5 Litre ZY 2002 - 2005
CH4188	ByPass Hose	TRIUMPH TR2, 3, 3A 1952 - 1959
CH4189	Top Hose	MITSUBISHI Challenger PA 3.0 Litre 1998 - 2003
CH4190	Bottom Hose	MITSUBISHI Challenger PA 3.0 Litre 1998 - 2003
CH4191	Heater Hose	MITSUBISHI PAJERO NM 3.5 Litre V6 6G74 A 2000 - 10/02, MITSUBISHI PAJERO NP 3.5 Litre V6 6G74 A 11/02 - 07/04
CH4192	Heater Hose	MITSUBISHI PAJERO NP 3.5 Litre V6 6G74 B 11/02 - 07/04, MITSUBISHI PAJERO NM 3.5 Litre V6 6G74 B 2000 - 10/02
CH4193	Heater Hose	MITSUBISHI PAJERO NM 3.5 Litre V6 6G74 C 2000 - 10/02, MITSUBISHI PAJERO NP 3.5 Litre V6 6G74 C 11/02 - 07/04
CH4194	Heater Hose	MITSUBISHI PAJERO NM 3.5 Litre V6 6G74 D 2000 - 10/02, MITSUBISHI PAJERO NP 3.5 Litre V6 6G74 D 11/02 - 07/04
CH4195	Heater Hose	FORD Falcon / Fairlane EA,EB - NA - LTD DA 3.2 & 3.9 litre Tap to pipe 1988 - 2/92, FORD Falcon / Fairlane EB -ED. Phase II NA - NC LTD DA - DC 4.0 Litre (6Cyl) Tap to pipe 2/92 - 1995
CH4196	Bottom Hose	FORD F150 4.1 litre (6Cyl) With A/C 3/81 - 1993, FORD F250 4.1 litre (6Cyl) With A/C 3/81 - 1993, FORD F350 4.1 litre (6Cyl) With A/C 3/81 - 1993
CH4197	Expansion Tank Branch Hose	BMW 730i, 735i, 740i, 518i, 520i 530i E32 - E34 M30,60,70,40 1986 -
CH4198	Heater Hose Inlet C	TOYOTA PRADO 90 Series 3.4 litre V6 5VZ-FE 1996 - 2002
CH4199	Heater Hose Outlet A	TOYOTA PRADO 90 Series 3.4 litre V6 5VZ-FE 1996 - 2002
CH4200	Heater Hose Outlet B	TOYOTA PRADO 90 Series 3.4 litre V6 5VZ-FE 1996 - 2002
CH4201	Hose assembly	HOLDEN Commodore Statesman VE-WM 6. Litre V8 L98, LS2 Inlet & Outlet Rear 2006 - 08/10
CH4202	Heater Hose Outlet	SUZUKI Swift SF 1.6 Litre G16B 1991 - 1995
CH4203	Top Hose	TOYOTA Tarago ACA30R 2.4 Litre 2AZFE 2000 - 03/06
CH4204	Bottom Hose	TOYOTA Tarago ACA30R 2.4 Litre 2AZFE 2000 - 03/06
CH4205	Bottom Hose	SUZUKI Swift SF 1.6 Litre G16B Radiator to Pipe 1991 - 1995
CH4206	Heater Hose Inlet	TOYOTA RAV4 ACA33R 2.4 Litre 2AZ-FE 11/05 -, TOYOTA RAV4 ACA38R 2.4 Litre 2AZ-FE 2006 - 2013
CH4207	Oil Cooler Hose	HOLDEN RODEO TF 2.3 (Petrol) 4ZD Engine to Cooler 1988 - 1996
CH4208	Oil Cooler Hose	HOLDEN RODEO TF 2.3 (Petrol) 4ZD pipe1 to engine 1988 - 1996
CH4209	Heater Hose	HOLDEN RODEO TF 2.3 (Petrol) 4ZD Heater to Engine 1988 - 1996
CH4210	Top Hose	NISSAN Skyline R32 2.6 Litre RB26DETT 1989 -
CH4212	Heater Hose Inlet	NISSAN Skyline R31 3.0 Litre RB30 10/88-ON 1986 - 1990
CH4213	Heater Hose Outlet	NISSAN Skyline R31 3.0 Litre RB30 Manual Trans 1986 - 1990
CH4214	Heater Hose Outlet	NISSAN Skyline R31 3.0 Litre RB30 Auto Trans 1986 - 1990
CH4215	Bottom Hose	HONDA ACCORD 2.3 Litre F23A USA Left Hand drive application 1998 - 2002
CH4216	Bottom Hose	TOYOTA PRADO 90 Series 3.4 litre V6 5VZ-FE CH2211 superseded by CH4216 1996 - 2002
CH4217	Heater Hose Inlet	NISSAN Skyline R31 3.0 Litre RB30 7/86-9/88 1986 - 1990

Part No	Location	Application
CH4218	Power Steering	HOLDEN Commodore Statesman VX & WH 3.8 Litre (L67) V6 12V OHV Supercharged Hose Return, Pipe to Cooler Inlet 2000 - 2002, HOLDEN Commodore Statesman VX, VU & WH 3.8 Litre (L36) V6 12V OHV Hose Return, Pipe to Cooler Inlet 2000 - 2002
CH4218	Power Steering Hose	HOLDEN Commodore Statesman VX-WH 5.7 Litre V8 Return Pipe To Cooler Inlet 2000 - 2002, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L67) V6 12V OHV Supercharged Return, Pipe to Cooler Inlet 2002 - 2004, HOLDEN Commodore Statesman VY-WK 3.8 Litre (L36) V6 12V OHV Return, Pipe to Cooler Inlet 2002 - 2004, HOLDEN Commodore Statesman VT - WH 5.7 Litre V8 return cooler to pipe Outlet 1997 - 2000, HOLDEN Commodore Statesman VX-WH 5.7 Litre V8 Return Cooler Outlet To Pipe 2000 - 2002, HOLDEN Commodore Statesman VY-WK 5.7 Litre V8 Return Pipe To Cooler Inlet 2002 - 2004, HOLDEN Commodore Statesman VY-WK 5.7 Litre V8 Return Cooler Outlet To Pipe 2002 - 2004, HOLDEN Commodore Statesman VT - WH 5.7 Litre V8 return pipe to cooler inlet 1997 - 2000
CH4218	Power Steering Hose Return Cooler Outlet To Pipe	HOLDEN Commodore Statesman VZ-WL 3.6 Litre V6 Alloytec 2004 - , HOLDEN Commodore Statesman VZ-WL 6 Litre L7 V8 2006 -
CH4218	Power Steering Hose Return Pipe To Cooler Inlet	HOLDEN Commodore Statesman VZ-WL 6 Litre L7 V8 2006 - , HOLDEN Commodore Statesman VZ-WL 3.6 Litre V6 Alloytec 2004 -
CH4219	Heater Hose	HOLDEN NOVA LE:LF 1.4, 6AFC, 1.6 Litre 4AFC, 4AFE Inlet tap to core 1987 - 1994, TOYOTA Corolla AE90-92-93-94 1.4, 6AFC, 1.6 Litre 4AFC, 4AFE Inlet tap to core 1987 - 1994
CH4220	ByPass Hose	FORD Laser KF - KH 1.8 Litre BP SOHC air control valve to engine 1989 - 1996, MAZDA 323 Astina BG10 1.8 Litre BP SOHC air control valve to engine 1989 - 1996
CH4221	Top Hose	TOYOTA Lite Ace KM36R 1.5 Litre 5K 1986 - 1992
CH4222	Top Hose	TOYOTA PRADO 90 Series KZJ95R 3.0 Litre Diesel 4 Cyl 1KZ-TE 1996 - 2002
CH4223	Bottom Hose	TOYOTA PRADO 90 Series KZJ95R 3.0 Litre Diesel 4 Cyl 1KZ-TE 1996 - 2002
CH4224	Turbo Hose	FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) Turbo Engine to air cooler Inlet 9/2002 - 2005, FORD Falcon / Fairlane BF Turbo 4.0 Litre (6Cyl) engine to air cooler inlet 9/2005 -
CH4225	Turbo Hose	FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) Turbo Intercooler to connecting pipe 9/2002 - 2005, FORD Falcon / Fairlane BF Turbo 4.0 Litre (6Cyl) Intercooler to connecting pipe 9/2005 -
CH4226	Turbo Hose	FORD Falcon / Fairlane BF Turbo 4.0 Litre (6Cyl) connecting pipe to manifold 9/2005 - , FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) Turbo connecting pipe to manifold 9/2002 - 2005
CH4227	Hose assembly	HOLDEN Commodore Statesman VE-WM 6. Litre V8 L98, LS2 Inlet & Outlet Front 2006 - 08/10
CH4229	Bottom Hose	OPEL Corsa B 1.4 & 1.6 Litre 1993 - 2001
CH4230	ByPass Hose	BMW 316i E46 M43B16, M47 valve to double pipe 1998 - 2004
CH4231	ByPass Hose	VOLKSWAGEN Passat 1.6i ADP flange to water pipe -
CH4232	ByPass Hose	BMW 520i E39 M52,B25,B28,M51D25 F Water valve to right Radiator 9/98ON 1995 - 2003
CH4233	ByPass Hose	BMW 520i E39 M52,B25,B28,M51D25 F Water valve to Left Radiator 9/98ON 1995 - 2003
CH4234	Bottom Hose	BMW 520i E39 M52,B25,B28,M51D25 radiator to return hose 1995 - 2003
CH4235	Top Hose	OPEL Corsa B 1.4 & 1.6 Litre 1993 - 2001
CH4236	Top Hose	OPEL Astra 1.4 & 1.6 Litre X14XE, X16XEL With A/C 1992 - 1998
CH4237	Top Hose	OPEL Astra 1.7 Diesel 17D,17DR, 17TD 17TD 1992 - 1998
CH4238	Top Hose	MINI COOPER R50 1.4 , 1.5 Litre W10B16 2000 - 12/2003
CH4239	Bottom Hose	MINI COOPER R50 1.4 , 1.5 Litre W10B16 Radiator to Elbow 2000 - 12/2003
CH4240	Bottom Hose	MINI COOPER R50 1.4 , 1.5 Litre W10B16 Elbow to Pipe 2000 - 12/2003
CH4241	ByPass Hose	MINI COOPER R50 1.4 , 1.5 Litre W10B16 water pump to flange connector 2000 - 12/2003
CH4242	ByPass Hose	NISSAN Navara D21 2.4 Litre KA24E 2WD intake manifold to thermostat 1992 - 1997
CH4243	Supercharger Hose	JAGUAR XJ6, XJ6L 4.2 Litre Upper 1995 - 1997
CH4244	ByPass Hose	JAGUAR XJ6, XJ6L 4.2 Litre back of water pump to water rail 1995 - 1997
CH4245	Bleed Hose	JAGUAR XJ6, XJ6L 4.2 Litre 1995 - 1997
CH4246	Bleed Hose	JAGUAR XJ6, XJ6L 4.2 Litre 1995 - 1997
CH4247	Heater Hose	JAGUAR XJ6, XJ6L 4.2 Litre 1995 - 1997
CH4248	Heater Hose	JAGUAR XJ6, XJ6L 4.2 Litre Fire wall to heater pump 1995 - 1997
CH4249	Heater Hose	JAGUAR XJ6, XJ6L 4.2 Litre valve to firewall 1995 - 1997
CH4250	Heater Hose	NISSAN Micra K11 1.3 Litre Inlet 1995 - 1997
CH4251	Heater Hose	NISSAN Micra K11 1.3 Litre Outlet 1995 - 1997
CH4252	Bottom Hose	NISSAN Micra K12E 1.0, 1.2, 1.3 Litre with A/C NZ & Export 2002 -
CH4253	Heater Hose	NISSAN Micra K12E 1.0, 1.2, 1.3 Litre Inlet NZ & Export 2002 -
CH4254	Heater Hose	NISSAN Almera N15 1.5 Litre Inlet 1995 - 4/2000
CH4255	ByPass Hose	HONDA LOGO GA3 1.3 Litre D13B 1996 - 1999
CH4256	Connecting Pipe Hose	HONDA CIVIC 7th Gen 1.7 Litre D17Z1 2000 - 2005
CH4257	ByPass Hose	HONDA CIVIC EK 1.6 Litre Thermostat to engine 1995 - 2000
CH4258	Bottom Hose	HONDA HR-V 1.6 Litre D16W 1999 - 2001
CH4259	Bottom Hose	HONDA Fit GD1 1.3 Litre L13A Auto Trans 2002 -
CH4260	Top Hose	HONDA CIVIC 7th Gen 1.7 Litre D17Z1 2000 - 2005
CH4261	Power steering Hose	BMW 728i E38 M52, M54 pump to tank 1996 - 2005

Part No	Location	Application
CH4262	Heater Hose Engine to Heater	NISSAN PATROL GQ (Y60) 4.2 Litre (TB42) 6 Cyl (Petrol) (Carby) 1988 - 1997
CH4263	Top Hose	MAZDA E2500D 2.5 Litre Diesel WL Engine 11/99 - 2002
CH4264	Bottom Hose	MAZDA E2500D 2.5 Litre Diesel WL Engine 11/99 - 2002
CH4265	Heater Hose	MAZDA METRO 1.3 LITRE B3 Eng No1 1998 - 2001
CH4266	Bottom Hose	TOYOTA HARRIER 3.0 Litre V6 1MZFE 12/97 - 2/03, LEXUS RX300 3.0 Litre V6 1MZFE 12/97 -
CH4267	Bottom Hose	TOYOTA Lite Ace KM36R 1.5 Litre 5K with out power steering 1986 - 1992
CH4268	ByPass Hose	MINI COOPER R50 1.4 , 1.5 Litre W10B16 water pump to pipe 2000 - 12/2003
CH4269	Bottom Hose	TOYOTA Corolla NZE121 - 124 1.5 Litre 1NZFE 2001 - 2004
CH4270	Heater Hose Inlet A	TOYOTA PRADO 90 Series KZJ95R 3.0 Litre Diesel 4 Cyl 1KZ-TE 4/96-8/2000 1996 - 2002
CH4271	Heater Hose Inlet B	TOYOTA PRADO 90 Series KZJ95R 3.0 Litre Diesel 4 Cyl 1KZ-TE 1996 - 2002
CH4273	Heater Hose Outlet C	TOYOTA PRADO 90 Series KZJ95R 3.0 Litre Diesel 4 Cyl 1KZ-TE 4/96-8/2000 1996 - 2002
CH4274	Top Hose	TOYOTA HARRIER 3.0 Litre V6 1MZFE 12/97 - 2/03
CH4275	Top Hose	TOYOTA HiLux KDN165 2KDTEFV 2001 -
CH4276	Bottom Hose	TOYOTA HiLux KDN165 2KDTEFV 2001 -
CH4277	Top Hose	TRIUMPH TR8 Left (with A.C) 1980 - 1981
CH4278	Top Hose	TOYOTA MR2 AW10 - AW11 1.6 Litre 4AGZE Filler Neck to Water outlet 1985 - 1990
CH4279	Bottom Hose	JAGUAR XKE III V12 5.3 Litre Junction to pipe 1971 - 1974
CH4280	Bottom Hose	JAGUAR XKE II 4.2 Litre Water Pump to Pipe 1968 - 1971
CH4281	Top Hose	MG Midget 1500cc 1977 - 1978
CH4282	Bottom Hose	VOLVO 850 -, VOLVO S70 -, VOLVO V70 -
CH4283	Bottom Hose	JAGUAR XK8, XKR V8 1997 - 2002
CH4284	Turbo Hose	VOLVO 850 intercooler outlet upper -, VOLVO S70 intercooler outlet upper -, VOLVO V70 intercooler outlet upper -
CH4286	ByPass Hose No 5	NISSAN PINTARA U12 FWD 2.4 Litre KA24 1989 - 1992
CH4287	Bottom Hose	VOLVO 960 B280 V6 1991 - 1997
CH4288	Top Hose	VOLVO 740, 740T , 940, 940T B230, B23FT, B234, B230F 1992 - 1995
CH4289	Bottom Hose	BMW 1502-2002Tii 1500, 2002 cc with A/C 1968 - 1976
CH4290	ByPass Hose	VOLVO 850 2.5 Litre B5252F Thermostat to expansion tank 1994-97 1992 - 1997
CH4291	Heater Hose	VOLVO 960 B280 V6 return pipe to Heater core 1991 - 1997
CH4292	Heater Hose	VOLVO 740, 740T , 940, 940T B230, B23FT, B234, B230F heater to pipe 1992 - 1995
CH4293	Bottom Hose	HONDA CIVIC 7th Gen 2.4 litre K24A 2003 - 2007
CH4294	Top Hose	HONDA CIVIC 7th Gen 2.4 litre K24A 2003 - 2007
CH4295	Top Hose	HONDA S2000 2.0 Litre F20C 2000 - 2006
CH4296	Bottom Hose	HONDA S2000 2.0 Litre F20C 2000 - 2006
CH4297	Top Hose	HONDA ACCORD 3.0 Litre J30A 2003 - 2006
CH4298	Bottom Hose	HONDA ACCORD 3.0 Litre J30A 2003 - 2006
CH4299	Top Hose	HONDA CIVIC 8th Gen 1.8 Litre R18A 2006 -
CH4300	Bottom Hose	HONDA CIVIC 8th Gen 1.8 Litre R18A USA built 2006 -
CH4301	Bottom Hose	HONDA CIVIC 8th Gen 1.8 Litre R18A Japan built 2006 -
CH4302	Bottom Hose	HONDA CIVIC 7th Gen 1.7 Litre D17Z1 (Manual) 2000 - 2005
CH4303	Bottom Hose	HONDA CIVIC 7th Gen 1.7 Litre D17Z1 SI 2000 - 2005
CH4304	Bottom Hose	HONDA CIVIC 7th Gen 1.7 Litre D17Z1 (Auto) 2000 - 2005
CH4305	Top Hose	HONDA CIVIC 7th Gen 2.0 Litre K20A 2003-On 2001 - 2005
CH4306	Top Hose	HONDA CIVIC 8th Gen 2.0 Litre K20Z 2006 -
CH4307	Bottom Hose	HONDA CIVIC 8th Gen 2.0 Litre K20Z 2006 -
CH4308	Bottom Hose	HONDA CIVIC 7th Gen 2.2 Litre H22A 1997 - 2001
CH4309	Top Hose	MAZDA B2200 2.2 Litre (Diesel) LHD 1985 - 1991, MAZDA B2000 2.0 Litre (Petrol) LHD 1985 - 1988
CH4311	Bottom Hose	TRIUMPH TR2, 3, 3A 1952 - 1959
CH4312	Top Hose	JAGUAR XJ6 III 6/79 - 1982
CH4313	Breather Hose	FIAT 850 903cc 1970 - 1973
CH4314	Top Hose	VOLVO 850 1993 - 1990
CH4315	Bottom Hose	VOLVO V70 Exc Turbo -, VOLVO S70 Exc Turbo -, VOLVO 850 Exc Turbo -
CH4316	Top Hose	VOLVO 960 B280 V6 1991 - 1997
CH4317	ByPass Hose	HONDA INTEGRA DC/DB 1.8 Litre 4VTEC DOHC (B18C) 1993 - 1998
CH4318	Heater Hose	SAAB 900 / 900S 2.0 Litre B202, B212 bypass valve to engine 1986 - 1998
CH4319	Expansion Tank Hose	VOLVO 850 tank to return pipe 1994 - 1997
CH4322	Top Hose	TOYOTA HiAce TRH 221R 2.7 Litre 2TRFE Engine Side 2005 -
CH4324	Top Hose	TRIUMPH GT6 1998cc 1966 - 1973
CH4325	Bottom Hose	TRIUMPH GT6 1998cc 1966 - 1973



Part No	Location	Application
CH4326	Top Hose	TOYOTA Dyna 200 14B 5/95 - 5/2000
CH4327	Bottom Hose	TOYOTA Coaster 1993 - 2001
CH4328	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4329	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4330	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4331	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4332	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4333	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4334	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4335	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4336	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4337	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4338	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4339	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4340	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4341	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4342	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4343	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4344	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4345	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4346	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4347	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4348	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4349	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4354	Bypass Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4355	Turbo hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4356	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4357	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4358	Bleed Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4359	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4360	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4361	Bypass Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4362	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4363	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4364	Expansion Tank Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4366	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4367	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4368	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4369	Heater Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4370	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4371	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4372	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4373	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4374	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4375	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4376	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4379	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4380	Heater Hose Outlet A	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4381	Heater Hose Outlet A	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4382	Heater Hose Outlet B	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4383	Heater Hose Outlet B	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4384	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4385	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4386	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4387	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4388	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4389	Top Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -
CH4390	Bottom Hose	MAZDA 6 2.3 Litre DOHC LHD 2002 -

Part No	Location	Application
CH4391	Power Steering Hose	SAAB 900 / 900S 2.0 Litre B202, B212 pump to reservoir 1986 - 1998
CH4392	ByPass Hose	JAGUAR S Type 3.0 Litre AJ30 V6 2000-07 1999 - 2007
CH4393	Heater Hose	SAAB 900-900Turbo B202, B212 1990 - 1993
CH4394	Heater Hose	JAGUAR XKE I 4.2 Litre 1965 - 1968
CH4395	Top Hose	AUDI Quattro 90/90 2.2 Litre 1988 - 1991
CH4396	Top Hose	PORSCHE 924 1984cc radiator to water pump 1977 - 1982
CH4397	Bottom Hose	PORSCHE 924 1984cc 1977 - 1982
CH4398	Top Hose	DAEWOO Lanos T100 SX - Sport 1.6 Litre DOHC A16DMS without Air Con 1997 - 2001
CH4399	Bypass Hose	HONDA ACCORD LX-i 2.0 Litre A20A4 1986 - 1989
CH4400	Top Hose	VOLKSWAGEN Golf / Jetta 1.6 1.8 Litre Diesel with Aircon 1985 - 1992
CH4401	Top Hose	VOLKSWAGEN Golf / Jetta 1.6 1.8 Litre Diesel 1985 - 1992
CH4402	Top Hose	KIA MENTOR Chassis AFC 1.8 Litre 2000 - 2002, KIA MENTOR Chassis AFB 1.8 Litre 1998 - 2002
CH4403	Bottom Hose	JAGUAR XJS 5.3 Litre to heater water pump 1976 - 1991
CH4404	Bottom Hose	MERCEDES - BENZ 300D 3.0 Litre Diesel 1975-1976 1975 - 1981
CH4405	ByPass Hose	JAGUAR S Type 3.0 Litre AJ30 V6 1999 - 2007
CH4406	Heater Hose	JAGUAR XJS 5.3 Litre return 1976 - 1993
CH4407	Breather Hose	VOLVO 240 Turbo B20, B21, B23 1981 - 1985
CH4408	Bleed Hose	JAGUAR XJS 5.3 Litre pipe to radiator bleeder 1976 - 1994
CH4409	Expansion Tank Hose	JAGUAR XJS 5.3 Litre Bleed top of tank 1976 - 1991
CH4410	Bottom Hose	JAGUAR XKE I 3.8 Litre 1961 - 1964
CH4411	Bottom Hose	JAGUAR XKE II 4.2 Litre radiator to pipe 1968 - 1971
CH4412	Top Hose	JAGUAR XKE I 4.2 Litre 1965 - 1968
CH4413	ByPass Hose	VOLVO S90, V90 2.9 Litre B6304F oil cooler inlet 1997 -
CH4414	ByPass Hose	VOLVO S90, V90 2.9 Litre B6304F oil cooler outlet 1997 -
CH4415	ByPass Hose	BMW 1502-2002Tii 1500, 2002 cc return pipe 1968 - 1976
CH4416	Heater Hose	VOLVO S90, V90 2.9 Litre B6304F inlet Head to heater core 1997 -
CH4417	Expansion Tank Hose	JAGUAR XJS 5.3 Litre tank to pipe 1976 - 1991
CH4418	ByPass Hose	JAGUAR XKE I 4.2 Litre to manifold 1965 - 1968
CH4419	Top Hose	MERCEDES - BENZ 240D 1974 - 1976
CH4420	Top Hose	MERCEDES - BENZ 300D 3.0 Litre Diesel 1975-1976 1975 - 1981
CH4421	Bottom Hose	MERCEDES - BENZ 300SD 3.0 Litre Turbo Diesel 1978 - 1980
CH4422	ByPass Hose	JAGUAR XKE I 3.8 Litre 1961 - 1964
CH4423	Bottom Hose	JAGUAR XKE I 4.2 Litre interim pipe 1965 - 1968
CH4424	Top Hose	MERCEDES - BENZ 300SD 3.0 Litre Turbo Diesel 1978 - 1980
CH4425	Bottom Hose	JAGUAR XJS 5.3 Litre heater element to pump 1976 - 1991
CH4426	Turbo Hose	MERCEDES - BENZ Sprinter Diesel Turbo charger to charging air elbow 1998 - 2006
CH4427	Heater Hose	TOYOTA Corolla NZE121 - 124 1.5 Litre 1NZFE Inlet 2001 - 2004
CH4428	Heater Hose	TOYOTA Corolla NZE121 - 124 1.5 Litre 1NZFE Outlet 2001 - 2004
CH4429	Top Hose	KIA MENTOR 1.5 litre BF 1999 -
CH4430	Bottom Hose	MERCEDES - BENZ E230 W210 2.3 Litre 1996 - 6/99
CH4431	Vent Hose	TOYOTA Camry SXV20R 2.2 Litre 5SFE PCV Valve to R/Cover 7/97 - 1999
CH4432	Bottom Hose	VOLVO 760 2.3 Litre D24TIC 1983 - 1987
CH4433	ByPass Hose	JAGUAR XKE II 4.2 Litre 1969-70 1968 - 1971
CH4434	Bottom Hose	MAZDA RX 7 1.3 Litre 13B 1986 - 1991
CH4435	Top Hose	MAZDA RX 7 1.3 Litre 13B 1986 - 1991
CH4436	Connector Hose	JAGUAR XJ6 III 4.2 litre hose pipe to aircleaner 1979 - 1992
CH4437	ByPass Hose	JAGUAR XKE III V12 5.3 Litre Thermostat Housing 1971 - 1974
CH4438	Bottom Hose	JAGUAR XKE III V12 5.3 Litre Pipe to Cooler 1971 - 1974
CH4439	Expansion Tank Hose	JAGUAR XKE I 4.2 Litre 1965-67 1965 - 1968
CH4440	Bottom Hose	KIA MENTOR 1.5 litre BF 1999 -
CH4441	Top Hose	ALFA ROMEO 75 2.5 Litre V6 1987 - 1990
CH4442	Turbo Hose	VOLVO 850 intercooler input Lower 5/94-97 -
CH4443	Bottom Hose	JAGUAR XJS MK III 4.0 Litre AJ W/O Water Heater to Vin 194774 1991 - 1996
CH4444	Top Hose	JAGUAR XJS MK III 4.0 Litre AJ 1991 - 1996
CH4445	Top Hose	VOLVO 760 2.3 Litre D24TIC 1983 - 1987
CH4446	Top Hose	MERCEDES - BENZ 300DT, TDT 3.0 Litre Diesel 1987 Only 1982 - 1987
CH4447	Top Hose	BMW 730i E32 manual Trans 1985 - 1996
CH4448	Top Hose	BMW 730i E32 Auto Trans 1985 - 1996
CH4449	Top Hose	VOLVO 240 / 260 2.0 & 2.5 Litre Diesel 1980 - 1985
CH4450	Bottom Hose	VOLVO 240 / 260 2.0 & 2.5 Litre Diesel 1980 - 1985

Part No	Location	Application
CH4452	Connector Hose	JAGUAR XJ6 III 4.2 litre airbox to airflow meter 1974 - 1987
CH4453	Bottom Hose	MERCEDES - BENZ 450SEL 6834cc V8 1977-80 1976 - 1979
CH4454	Top Hose	VOLVO 140 1969 - 1970
CH4455	Bottom Hose	VOLVO 140 1969 - 1970
CH4456	Heater Hose	VOLVO 140 B20 1971 - 1974
CH4457	Top Hose	VOLKSWAGEN Rabbit 1.6 Litre (Petrol) less air conditioning 1975 - 1976
CH4458	Bottom Hose	JAGUAR XJ6 , XJ40 4.2 Litre from T Piece 1988 - 1992
CH4459	Bottom Hose	VOLVO 240 B20,B21, B23 with intercooler 1975 - 93
CH4460	Top & Bottom Hose	VOLVO 122 1.8 Litre B18 1962 - 66
CH4461	Top Hose	VOLKSWAGEN Golf / Jetta 1.6 1.8 Litre Diesel with air conditioning 1985 - 1992
CH4462	Bottom Hose	JAGUAR XKE III V12 5.3 Litre Cooler to water pump 1971 - 1974
CH4463	Expansion Tank Hose	JAGUAR XKE I 3.8 Litre 1961 - 1964
CH4464	Top Hose	JAGUAR XKE I 3.8 Litre 1961 - 1964
CH4465	Bottom Hose	TOYOTA PRADO 90 Series 3.4 litre V6 5VZ-FE Export only 1996 - 2002
CH4466	Top Hose	VOLVO S80 2.9 Litre B6304F 1999 - 2006
CH4467	Bottom Hose	VOLVO S40, V40 2.0 Litre B4204S 2000 only 2000 - 2004
CH4468	Bottom Hose	VOLVO S80 2.9 Litre B6304F 1999 - 2006
CH4469	ByPass Hose	HYUNDAI EXCEL 1.5 Litre DOHC (G4KFR) thermostat to throttle body (B) 1994 - 1997
CH4470	ByPass Hose	HYUNDAI EXCEL 1.5 Litre DOHC (G4KFR) Throttle body top thermostat 1994 - 1997
CH4471	Top Hose	TOYOTA Aurion GSV40R 3.5 Litre 2GR-FE 2006 -
CH4472	Bottom Hose	TOYOTA Aurion GSV40R 3.5 Litre 2GR-FE 2006 -
CH4473	Heater Hose	TOYOTA Aurion GSV40R 3.5 Litre 2GR-FE Inlet 2006 -
CH4474	Heater Hose	TOYOTA Aurion GSV40R 3.5 Litre 2GR-FE Outlet 2006 -
CH4475	Bottom Hose	TOYOTA Cressida RX80 22R 1989 - 1997
CH4476	Top Hose	FORD F100 4.1 litre (6Cyl) 1977 - 1987
CH4477	Bottom Hose	NISSAN 300ZX Z31 3.0 Litre V6 VG30 / VG30T NZ & Export 1984 - 6/89
CH4478	Top Hose	NISSAN 300ZX Z31 3.0 Litre V6 VG30 / VG30T NZ & Export 1984 - 6/89
CH4479	Heater Hose	JAGUAR XJ6 III 4.2 litre 1974 - 1987
CH4480	Bottom Hose	HYUNDAI Santa Fe SM 2.7 Litre G6BA 11/2000 - 04/06
CH4481	Bottom Hose	AUDI 80 B3 1.6-2.0 Litre petrol & diesel 1987 - 1991
CH4482	Top Hose	HYUNDAI Santa Fe SM 2.7 Litre G6BA 11/2000 - 04/06
CH4483	Top Hose	JAGUAR XK8, XKR V8 1997 - 2002
CH4485	Bottom Hose	TOYOTA HiLux RN30 1.6 Litre 1979 - 1984
CH4486	Top Hose	VOLKSWAGEN Caddy 1.5 Litre Diesel 10/82 - 1/92, VOLKSWAGEN Caddy 1.6 Litre petrol 10/82 - 1/92
CH4487	Top Hose	NISSAN Dualis J10 2.0 Litre MR20 2007 - 2008
CH4488	Bottom Hose	NISSAN Dualis J10 2.0 Litre MR20 2007 - 2008
CH4490	Top Hose	SUBARU LIBERTY BE, BH 2.0 Litre EJ201 03/99 - 08/03, SUBARU OUTBACK 2.5 Litre EJ25 2002 - 2004
CH4492	Top Hose	CHEVROLET /GMC Hummer H2 6.0 Litre LQ4 2003-2005 2003 - 2007
CH4493	Bottom Hose	CHEVROLET /GMC Hummer H2 6.0 Litre LQ4 2003 - 2007
CH4494	Top Hose	CHEVROLET /GMC Hummer H3 3.7 Litre LLR15 2006 - 2008
CH4495	Top Hose	CHEVROLET /GMC Hummer H2 6.0 Litre LQ4 2006-2007 2003 - 2007
CH4496	Bottom Hose	CHEVROLET /GMC Yukon Tahoe, Suburban, Pickup, Denali, Escalade, Avalanche 5.3 Litre LM7 & 6.0 Litre LQ4 1999 - 2009
CH4497	Top Hose	FORD Crown Victoria 4.6 Litre 2006 - 2008
CH4498	Top Hose	CHEVROLET /GMC Yukon 5.3 Litre LM7 & 6.0 Litre LQ4 2000-2006 2000 -
CH4499	Top Hose	CHEVROLET /GMC Yukon Tahoe, Suburban, Pickup, Denali, Escalade, Avalanche 5.3 Litre LM7 & 6.0 Litre LQ4 1999 - 2009
CH4500	Top Hose	FORD Crown Victoria, Grand Marquis 4.6 Litre 2003 - 2004
CH4501	Top Hose	CHEVROLET /GMC Suburban 7 Litre L31 V6 1996 - 1999
CH4502	Top Hose	CHEVROLET /GMC Suburban 6.5 Litre Turbo Diesel 1996 - 1999
CH4503	Top Hose	CHEVROLET /GMC Suburban 7.4 Litre 1996 - 1999
CH4504	Top Hose	CHEVROLET /GMC Suburban 8.1 Litre L18 2001 - 2006
CH4505	Heater Hose	TOYOTA Celica ST204R 2.2 Litre 1994 - 99
CH4506	Heater Hose	TOYOTA Celica ST204R 2.2 Litre 1994 - 99
CH4507	ByPass Hose	ALFA ROMEO 115 1982 - 89
CH4508	Bottom Hose	NISSAN 280SX 2.8 Litre L28E 09/81 - 06/83
CH451	Top Hose	CHEVROLET /GMC Belair, Impala, Biscayne 348 V8 1959 - 1963
CH4510	Bottom Hose	CHEVROLET /GMC Venture 3.4 Litre V6 LA1 1996 - 2005
CH4511	Top Hose	CHEVROLET /GMC Venture 3.4 Litre V6 LA1 1996 - 2005
CH4512	Heater Hose	HOLDEN EPICA EP 2.5 Litre V6 X25D1 Outlet 3/07 - 2011
CH4513	Top Hose	HOLDEN EPICA EP 2.5 Litre V6 X25D1 3/07 - 2011, HOLDEN EPICA EP 2.0 Litre X20D1 03/07 - 06/08
CH4514	Bypass Hose	HOLDEN EPICA EP 2.5 Litre V6 X25D1 water pump to engine 3/07 - 2011



Part No	Location	Application
CH4515	Bottom Hose	HOLDEN EPICA EP 2.5 Litre V6 X25D1 3/07 - 2011, HOLDEN EPICA EP 2.0 Litre X20D1 3/07 - 06/08
CH4516	ByPass	BMW 316i E46 M43B16, M47 radiator to connector 1998 - 2004
CH4517	ByPass Hose	BMW 520i E39 M52,B25,B28,M51D25 additional water pump front to engine (9/98-01) 1995 - 2003
CH4518	ByPass Hose	BMW 520i E39 M52,B25,B28,M51D25 additional water pump side to engine (9/98-01) 1995 - 2003
CH4519	Bottom Hose	BMW 316i E46 M43B16, M47 1998 - 2004
CH4520	Heater Hose	BMW 316i E46 M43B16, M47 engine inlet to heater core 1998 - 2004
CH4521	Heater Hose	BMW 316i E46 M43B16, M47 valve to pipe 1998 - 2004
CH4522	ByPass Hose	BMW 316i E46 M43B16, M47 engine inlet to additional water pump 1998 - 2004
CH4523	ByPass Hose	BMW 320i E46 M52,M54 radiator to water pump 1998 - 2005
CH4524	Heater Hose	BMW 320i E46 M52,M54 Heater core to expansion tank 1998 - 2005
CH4525	Bottom Hose	BMW 320i E46 M52,M54 1998 - 2005
CH4526	Heater Hose	BMW 320i E46 M52,M54 valve to heater core 1998 - 2005, BMW 320i, 323i 325i, 328i E36 M50,M52, M50B25,M50B28 valve to Heater core 1990 -
CH4527	Heater Hose	BMW 320i E46 M52,M54 engine inlet to water valve 1998 - 2005
CH4528	ByPass Hose	MAZDA 929 HC10 3.0 Litre V6 1987 - 1991
CH4529	Top Hose	MAZDA 929 HC10 3.0 Litre V6 Export Only 1987 - 1991
CH4530	Oil cooler Hose	FORD Territory SY 4.0 Litre (6Cyl) Inlet 10/05 -
CH4531	Oil cooler Hose	FORD Territory SY 4.0 Litre (6Cyl) Inlet (tubro) 10/05 -
CH4532	Oil cooler Hose	FORD Territory SY 4.0 Litre (6Cyl) Outlet (tubro) 10/05 -
CH4533	ByPass Hose	FORD Territory SY 4.0 Litre (6Cyl) Turbo 10/05 -
CH4534	Transmission Cooler Coolant Hose	FORD Falcon / Fairlane BF 4.0 Litre (6Cyl) inlet Series I 9/05-9/06 9/2005 - , FORD Falcon / Fairlane BF Turbo 4.0 Litre (6Cyl) inlet Series I 9/05-9/06 9/2005 -
CH4535	Transmission Cooler Coolant Hose	FORD Falcon / Fairlane BF Turbo 4.0 Litre (6Cyl) 10/05 ON 9/2005 -
CH4536	Transmission Cooler Coolant Hose	FORD Falcon / Fairlane BF 4.0 Litre (6Cyl) inlet Series II 10/06-2006 9/2005 - , FORD Falcon / Fairlane BF Turbo 4.0 Litre (6Cyl) inlet Series II 10/06-2006 9/2005 -
CH4537	Transmission Cooler Coolant Hose	FORD Falcon / Fairlane BF Turbo 4.0 Litre (6Cyl) series I 9/05-9/06 9/2005 - , FORD Falcon / Fairlane BF 4.0 Litre (6Cyl) series I 9/05-9/06 9/2005 -
CH4538	Transmission Cooler Coolant Hose	FORD Falcon / Fairlane BF 4.0 Litre (6Cyl) OutLet Series II 10/06-08 9/2005 -
CH4539	Heater Hose	HOLDEN EPICA EP 2.5 Litre V6 X25D1 Inlet 3/07 - 2011
CH4540	Heater Hose	HOLDEN EPICA EP 2.5 Litre V6 X25D1 return 3/07 - 2011
CH4541	Power Steering Hose	HOLDEN Commodore Statesman VS - VQ series II 3.8 Litre V6 Return resevoir to pipe 1995 - 1997
CH4542	Top Hose	KIA Sedona 3.5 Litre V6 Radiator to connector pipe Export Only 2002 - 2005
CH4543	Bottom Hose	KIA Sedona 3.5 Litre V6 Export Only 2002 - 2005
CH4544	Top Hose	HONDA ACCORD HYBRID 3.0 Litre J30A1 2005 - 2006
CH4545	Bottom Hose	HONDA ACCORD HYBRID 3.0 Litre J30A1 2005 - 2006
CH4546	Top Hose	HONDA INSIGHT HYBRID 1.0 Litre 2000 - 2006
CH4547	Bottom Hose	HONDA INSIGHT HYBRID 1.0 Litre 2000 - 2006
CH4548	Top Hose	HONDA CIVIC HYBRID ES 1.3 Litre LDA1 14 SOHC engine 2003 - 2005
CH4549	Bottom Hose	HONDA CIVIC HYBRID ES 1.3 Litre LDA1 14 SOHC engine 2003 - 2005
CH4550	Top Hose	HONDA CIVIC HYBRID FD 1.3 Litre LDA2 14 SOHC Engine 2006 -
CH4551	Bottom Hose	HONDA CIVIC HYBRID 1.3 Litre L14 Engine front 2006 -
CH4552	Bottom Hose	HONDA CIVIC HYBRID 1.3 Litre L14 Engine 2006 -
CH4553	Top Hose	KIA CARNIVAL GQ 2.5 Litre V6 pipe to fitting 1999 - 2005
CH4554	Top Hose	KIA CARNIVAL GQ 2.5 Litre V6 Radiator to fitting 1999 - 2005
CH4555	Bottom Hose	KIA CARNIVAL GQ 2.5 Litre V6 1999 - 2005
CH4556	ByPass Hose	KIA CARNIVAL GQ 2.5 Litre V6 from engine 1999 - 2005
CH4557	ByPass Hose	KIA CARNIVAL GQ 2.5 Litre V6 1999 - 2005
CH4558	Turbo Hose	VOLVO 940T / 960T 2.3 & 2.8 Litre Intercooler intake 1990 - 1997
CH4559	Expansion Tank Hose	VOLVO 850 2.5 Litre B5252F to return pipe 1993 only 1992 - 1997
CH4560	Turbo hose	VOLVO 740, 740T , 940, 940T B230, B23FT, B234, B230F Intercooler 1992 - 1995
CH4561	ByPass Hose	JAGUAR XJS 5.3 Litre bleed RH up to V185819 1976 - 1991
CH4562	ByPass Hose	JAGUAR XJ6 III 4.2 litre check valve 1974 - 1987
CH4563	ByPass Hose	NISSAN 300C 3.0 Litre VG30 1984 - 1987
CH4564	Top Hose	MG MGB 1977 - 80
CH4565	Bottom Hose	MG MGB GT Mk.3 1974-76 1974 - 1976
CH4566	Bottom Hose	HONDA ACCORD export only 1984 - 1985
CH4567	Bottom Hose	MERCEDES - BENZ 190D W201 2.5 Litre 1986 - 1989
CH4569	Bottom Hose	BMW 633csi E24 3.3 litre 1978 - 1990

Part No	Location	Application
CH4570	Top Hose	FIAT X1/9 1.3 Litre Front 1972 - 1982
CH4571	Heater Hose	TOYOTA Celica RA65 2.4 Litre 22R (A) 1984 - 1986
CH4572	Breather Hose	HOLDEN Astra TR 1.8, 2.0 Litre 2.0 Litre X20XEV 1996 - 1998
CH4573	Top Hose	DAEWOO Lacetti J200 1.8 Litre 2003 - 2004
CH4574	Bottom Hose	DAEWOO Lacetti J200 1.8 Litre radiator to pipe 2003 - 2004
CH4576	ByPass Hose	DAEWOO Lacetti J200 1.8 Litre pipe to surge tank 2003 - 2004
CH4577	Heater Hose	DAEWOO Lacetti J200 1.8 Litre engine to heater bypass 2003 - 2004
CH4578	Top Hose	HOLDEN VIVA JF 1.8 Litre F18D3 2005 - 2008
CH4579	Bottom Hose	HOLDEN VIVA JF 1.8 Litre F18D3 radiator to pipe 2005 - 2008
CH4580	ByPass Hose	HOLDEN VIVA JF 1.8 Litre F18D3 pipe to surge tank 2005 - 2008
CH4581	Heater Hose	HOLDEN VIVA JF 1.8 Litre F18D3 pipe to heater return 2005 - 2008
CH4582	Heater Hose	HOLDEN VIVA JF 1.8 Litre F18D3 inlet 2005 - 2008
CH4583	Expansion Tank Hose	HOLDEN VIVA JF 1.8 Litre F18D3 Radiator to surge tank 2005 - 2008
CH4584	ByPass Hose	HOLDEN VIVA JF 1.8 Litre F18D3 throttle body inlet 2005 - 2008
CH4585	ByPass Hose	HOLDEN VIVA JF 1.8 Litre F18D3 throttle body return 2005 - 2008
CH4586	Bottom Hose	HOLDEN VIVA JF 1.8 Litre F18D3 Pipe to water pump 2005 - 2008
CH4587	Top Hose	BMW M3 E36 3.0 & 3.2 Litre 1992 - 1999
CH4588	Bottom Hose	BMW M3 E36 3.0 & 3.2 Litre 1992 - 1999
CH4589	Top Hose	VOLKSWAGEN Fox Brazil Production 1.8 Litre with air con 1987 - 1993
CH4590	Bottom Hose	MAZDA B2000 Pickup (USA) 2.0 Litre (Petrol) 1984 -
CH4591	Top Hose	TOYOTA HiLux RN85,90, 105, 106, 110,130 2.4 Litre (22R) 1981-1989 1988 - 1998
CH4592	Top Hose	FIAT X1/9 1.3 Litre Rear 1972 - 1982
CH4593	Top Hose	VOLKSWAGEN Fox Brazil Production 1.8 Litre without air con 1987 - 1993
CH4594	Bottom Hose	TOYOTA Corona T100-120 2.0 & 2.2 Litre 20R/22R 1975-78 1975 - 1981
CH4595	Bottom Hose	NISSAN Infinity QX4 ( USA ) 3.3 Litre VG33 1996 - 2000
CH4596	Top Hose	JAGUAR XKE II 4.2 Litre 1968 - 1971
CH4597	Top Hose	FORD Explorer 4.0 Litre V6 2002-2005 2002 - 2008
CH4598	Bottom Hose	FORD Explorer 4.0 Litre V6 2002-2005 2002 - 2008
CH4599	Top Hose	FORD Explorer 4.0 Litre V6 2006-2008 2002 - 2008
CH4600	ByPass Hose	FORD Explorer 4.0 Litre V6 2002-2007 2002 - 2008
CH4601	Top Hose	FORD WINDSTAR 3.0 Litre V6 1995 - 1998
CH4602	Top Hose	FORD MUSTANG 4.6 Litre 281ci V8 1997 - 2000
CH4603	Top Hose	CHEVROLET /GMC Trailblazer 5.3 Litre V8 2003 - 2007
CH4604	Bottom Hose	CHEVROLET /GMC Trailblazer 5.3 Litre V8 2003 - 2007
CH4605	Top Hose	CHEVROLET /GMC Trailblazer 4.2 Litre 6cyl 2002 - 2007
CH4606	Bottom Hose	CHEVROLET /GMC Trailblazer 4.2 Litre 6cyl 2002 - 2007
CH4607	Bottom Hose	CHRYSLER Jeep Wrangler TJ 2.5 Litre 6 cyl 2000 - 2002
CH4608	Top Hose	CHRYSLER Jeep Wrangler 4.0 Litre 1997 - 2006
CH4609	Top Hose	HONDA CRV RD7 2.4 Litre K24A 2000 - 2007
CH4610	Bottom Hose	HONDA CRV RD7 2.4 Litre K24A from 1/2002 2000 - 2007
CH4611	Bottom Hose	DAIHATSU SIRION M100S 1.0 Litre EJDE 1998 - 6/2004
CH4612	Heater Hose	DAIHATSU SIRION M100S 1.0 Litre EJDE Inlet 1998 - 6/2004
CH4613	Heater Hose	DAIHATSU SIRION M100S 1.0 Litre EJDE Outlet 1998 - 6/2004
CH4614	Top Hose	DAIHATSU Terios J102 1.3 Litre K3VE Radiator to pipe 7/2000 - 12/2005
CH4615	Top Hose	DAIHATSU Terios J102 1.3 Litre K3VE pipe to thermostat housing 7/2000 - 12/2005
CH4616	Bottom Hose	DAIHATSU Terios J102 1.3 Litre K3VE radiator to pipe 7/2000 - 12/2005
CH4617	Bottom Hose	DAIHATSU Terios J102 1.3 Litre K3VE pipe to engine 7/2000 - 12/2005
CH4618	Bottom Hose	TOYOTA HiLux LN167R 3 Litre (5L & 5LE Diesel ) radiator to pipe 10/2000-2003 1997 - 2003
CH4619	Top Hose	MINI COOPER R53 1.6 Litre L4 radiator to breather tube 2001 - 2006
CH4620	Top Hose	MINI COOPER R53 1.6 Litre L4 breather tube to engine (manual trans) 2001 - 2006
CH4621	Bottom Hose	MINI COOPER R53 1.6 Litre L4 manual trans 2001 - 2006
CH4622	Bottom Hose	MAZDA CX-7 2.3 Litre MZR Turbo 2007 -
CH4623	Top Hose	MAZDA CX-7 2.3 Litre MZR Turbo 2007 -
CH4624	Heater Hose No 1 (RHS) Core to Engine	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
CH4625	ByPass Hose Thermostat Housing to 3 Way Fitting on Head	FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11, MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11
CH4626	ByPass Hose 3 Way Fitting on Head to Turbo Water Pipe	FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11, MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11

Part No	Location	Application
CH4627	Heater Hose	FORD Transit VG 2.0 Litre DOHC 16v heater tap to outlet pipe 1997 - 1999
CH4628	Top Hose	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
CH4629	ByPass Hose Thermostat Housing to EGR Cooler	FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11, MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11
CH4630	Heater Hose No 3 (LHS) Pipe to Thermostat Housing	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
CH4631	ByPass Hose 3 Way Fitting on Head to EGR Cooler	FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11, MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11
CH4634	ByPass Hose	TOYOTA HiLux VZN167R 3.4 Litre 5VZ-FE 2002 - 2005
CH4635	Heater Hose	TOYOTA HiLux VZN167R 3.4 Litre 5VZ-FE 2002 - 2005
CH4636	Bottom Hose	MITSUBISHI COLT 1.5 Litre intermediate 2003 -
CH4637	Bottom Hose	MITSUBISHI COLT 1.5 Litre 2003 -
CH4638	ByPass	MITSUBISHI COLT 1.5 Litre Throttle Body Feed 2003 -
CH4640	ByPass Hose	MITSUBISHI Lancer CJ 2.0 Litre 2007 -
CH4641	Heater Hose	MITSUBISHI Triton ML 3.5 Litre 6G74 2007 -
CH4642	ByPass Hose	MITSUBISHI Triton ML 3.5 Litre 6G74 Throttle Body water feed 2007 -
CH4643	Heater Hose	MITSUBISHI Lancer CJ 2.0 Litre 2007 -
CH4644	ByPass Hose	MITSUBISHI Lancer CJ 2.0 Litre throttle body feed 2007 -
CH4645	Heater Hose	MITSUBISHI Lancer CJ 2.0 Litre 2007 -
CH4646	Top Hose	MITSUBISHI Lancer CJ 2.0 Litre LH 2007 -
CH4647	ByPass Hose	MITSUBISHI Triton ML 3.5 Litre 6G74 Throttle Body water return 2007 -
CH4648	Heater Hose	MITSUBISHI Triton ML 3.5 Litre 6G74 2007 -
CH4649	Top Hose	MITSUBISHI COLT 1.5 Litre 2003 -
CH4650	Bottom Hose	MITSUBISHI Lancer CJ 2.0 Litre 2007 -
CH4651	Bottom Hose	TOYOTA KLUGER / HIGHLANDER MCU28R 3MZ-FE 8/03 - 5/07
CH4652	Top Hose	TOYOTA KLUGER / HIGHLANDER MCU28R 3MZ-FE 8/03 - 5/07
CH4653	ByPass Hose No2 Inlet manifold to throttle body	TOYOTA KLUGER / HIGHLANDER MCU28R 3MZ-FE 8/03 - 5/07
CH4654	Heater Hose	TOYOTA KLUGER / HIGHLANDER MCU28R 3MZ-FE 8/03 - 5/07
CH4655	ByPass Hose No3 Throttle body to thermostat housing	TOYOTA KLUGER / HIGHLANDER MCU28R 3MZ-FE 8/03 - 5/07
CH4656	Heater Hose	TOYOTA KLUGER / HIGHLANDER MCU28R 3MZ-FE 8/03 - 5/07
CH4657	Top Hose	HYUNDAI TERRACAN HP 2.9 Litre Diesel J3 2001 - 2007
CH4659	Bottom Hose	HYUNDAI SONATA NF 3.3 Litre 2007 -
CH4660	Bottom Hose	TOYOTA HiAce KDH200R 2.5 Litre Diesel 2005 - 2007
CH4661	Top Hose	MITSUBISHI Lancer CJ 2.0 Litre RH 2007 -
Ch4662	Top Hose	TOYOTA HiAce KDH200R 2.5 Litre Diesel 2005 - 2007
CH4663	ByPass Hose	TOYOTA HiAce KDH200R 2.5 Litre Diesel 2005 - 2007
CH4664	ByPass Hose	TOYOTA HiAce KDH200R 2.5 Litre Diesel 2005 - 2007
CH4665	Bottom Hose	TOYOTA HiAce KDH200R 2.5 Litre Diesel 2005 - 2007
CH4666	ByPass Hose	TOYOTA HiAce KDH200R 2.5 Litre Diesel 2005 - 2007
CH4667	Heater Hose	TOYOTA HiAce KDH200R 2.5 Litre Diesel 2005 - 2007
CH4668	ByPass Hose	KIA RIO JB 1.4 Litre G4EE 8/2005 - 11/2009, KIA RIO JB 1.6 Litre G4ED 3/2007 - 11/2009
CH4669	Heater Hose	KIA RIO JB 1.4 Litre G4EE outlet 8/2005 - 11/2009, KIA RIO JB 1.6 Litre G4ED outlet 3/2007 - 11/2009
CH4670	Heater Hose	KIA Pregio 2.7 Diesel 2002 - 12/05
CH4671	Heater Hose	KIA Pregio 2.7 Diesel 2002 - 12/05
CH4672	Bottom Hose	KIA RIO JB 1.6 Litre G4ED 3/2007 - 11/2009, KIA RIO JB 1.4 Litre G4EE 8/2005 - 11/2009
CH4673	ByPass Hose	KIA RIO JB 1.4 Litre G4EE 8/2005 - 11/2009, KIA RIO JB 1.6 Litre G4ED 3/2007 - 11/2009
CH4674	Top Hose	KIA RIO JB 1.4 Litre G4EE 8/2005 - 11/2009, KIA RIO JB 1.6 Litre G4ED 3/2007 - 11/2009
CH4677	ByPass Hose	HYUNDAI SONATA NF 3.3 Litre 2007 -
CH4679	Heater Hose	HYUNDAI SONATA NF 3.3 Litre 2007 -
CH4680	Heater Hose	HYUNDAI TERRACAN HP 2.9 Litre Diesel J3 2001 - 2007
CH4681	Heater Hose	HYUNDAI SONATA NF 3.3 Litre 2007 -
CH4682	Top Hose	KIA RIO 1.5 Litre 2003 -
CH4683	Bottom Hose	KIA RIO 1.5 Litre 2003 -
CH4685	Bottom Hose	TOYOTA HiLux RN34-44 1980 - 1983
CH4686	ByPass Hose	SAAB 99, 900 2.0 Litre Turbo 1979 - 1980



Part No	Location	Application
CH4687	Top Hose	VOLKSWAGEN Passat MK2 1985 - 1988
CH4688	Top Hose	ALFA ROMEO 115 1990 - 1994
CH4689	Top Hose	VOLKSWAGEN Jetta 1600 & 1700 cc with A/C 1980 - 1983
CH4690	ByPass Hose	KIA RIO 1.5 Litre 2003 -
CH4691	Heater Hose	KIA RIO 1.5 Litre 2003 -
CH4692	Top Hose	TOYOTA HiLux GGN15R 4.0 Litre 1GR-FE 2005 - 2013, TOYOTA HiLux GGN25R 4.0 Litre 1GR-FE 2005 - 2013
CH4693	Bottom Hose	TOYOTA HiLux GGN15R 4.0 Litre 1GR-FE 2005 - 2013, TOYOTA HiLux GGN25R 4.0 Litre 1GR-FE 2005 - 2013
CH4694	Top Hose	TOYOTA Aurion GSV40R 3.5 Litre 2GR-FE 2008 - , TOYOTA CAMRY ACV40R 2.4 Litre 2AZFE 2006 - 2013
CH4695	Bottom Hose	TOYOTA CAMRY HYBRID AHV40R 2.4 Litre 2AZFEH14 01/10 - 2/12, TOYOTA CAMRY ACV40R 2.4 Litre 2AZFE 2006 - 2013, TOYOTA Aurion GSV40R 3.5 Litre 2GR-FE 2008 -
CH4696	Heater Hose	HOLDEN COLORADO RC 2.4 Litre U24SE 7/08 - 11/09
CH4697	Top Hose	HOLDEN COLORADO RC 2.4 Litre U24SE 7/08 - 11/09
CH4698	Heater Hose	TOYOTA HiAce KDH200R 2.5 Litre Diesel 2005 - 2007
CH4699	Heater Hose	TOYOTA HiAce KDH200R 2.5 Litre Diesel 2005 - 2007
CH4700	ByPass Hose	HYUNDAI Iload 2.4 Litre 2008 -
CH4701	Bottom Hose	TOYOTA HiAce KDH200R 2.5 Litre Diesel Radiator to Pipe 2005 - 2007
CH4702	ByPass Hose	HYUNDAI Iload 2.4 Litre 2008 -
CH4703	Heater Hose	HYUNDAI Iload 2.4 Litre 2008 -
CH4704	Heater Hose	TOYOTA HiAce KDH200R 2.5 Litre Diesel 2005 - 2007
CH4705	Bottom Hose	MINI COOPER R53 1.6 Litre L4 Auto Trans 2001 - 2006
CH4706	Top Hose	MINI COOPER R53 1.6 Litre L4 breather Tube to Engine (Auto Trans) 2001 - 2006
CH4708	ByPass Hose	HOLDEN Commodore Statesman VE-WM 3.6 Litre LEO,LW2,LY7 2006 - 08/10
CH4709	Heater Hose	HOLDEN COLORADO RC 2.4 Litre U24SE 7/08 - 11/09
CH4710	Bottom Hose	HOLDEN COLORADO RC 2.4 Litre U24SE 7/08 - 11/09
CH4711	Heater Hose	HOLDEN COLORADO RC 2.4 Litre U24SE 7/08 - 11/09
CH4712	Heater Hose	HOLDEN COLORADO RC 2.4 Litre U24SE 7/08 - 11/09
CH4713	Heater Hose	TOYOTA HiAce KDH200R 2.5 Litre Diesel 2005 - 2007
CH4714	Top Hose	HYUNDAI Iload 2.4 Litre 2008 -
CH4715	Heater Hose	HYUNDAI Iload 2.4 Litre 2008 -
CH4716	Heater Hose	HYUNDAI Iload 2.4 Litre 2008 -
CH4717	Bottom Hose	HYUNDAI Iload 2.4 Litre 2008 -
CH4718	ByPass Hose	HYUNDAI Iload 2.4 Litre 2008 -
CH4719	ByPass Hose	HYUNDAI Iload 2.4 Litre 2008 -
CH4720	Top Hose	HONDA MDX 3.5 Litre J35A5 2002 - 2006
CH4721	Bottom Hose	HONDA MDX 3.5 Litre J35A5 2002 - 2006
CH4722	Top Hose	AUDI 80 B3 1.6-2.0 Litre petrol & diesel 1987 - 1991
CH4723	Bottom Hose	HYUNDAI Santa Fe SM 2.4 Litre G4JS 2001 - 2004
CH4724	Top Hose	HYUNDAI GRANDEUR / XG300 XG 3.0 Litre G6CT 1999 - 2004
CH4725	Heater Hose	OPEL Zafira A 2.0 Litre Diesel X20DTL, Y20DTL, Y20D heat exchange to thermostat housing 1998 - , OPEL ASTRA G 2.0 Litre Diesel X20DTL, Y20DTL, Y20D heat exchange to thermostat housing 1998 -
CH4726	ByPass Hose	VOLKSWAGEN BEETLE 9c AYD,BFS,AZJ,BER,BHP from flange to fluid cooler to water pipe 1999 - 2007
CH4727	ByPass Hose	VOLKSWAGEN BEETLE 9c AYD,BFS,AZJ,BER,BHP from flange to fluid cooler 1999 - 2007
CH4728	Top Hose	OPEL ASTRA G 2.0 Litre Diesel X20DTL, Y20DTL, Y20D 1998 -
CH4729	Heater Hose	TOYOTA HiLux LN152 3 Litre (5L & 5LE Diesel ) inlet pipe to pipe 1998 - 2005, TOYOTA HiLux LN167R 3 Litre (5L & 5LE Diesel ) inlet pipe to pipe 1997 - 2003, TOYOTA HiLux LN147R 3 Litre (5L & 5LE Diesel ) inlet pipe to pipe 1997 - , TOYOTA HiLux LN172 3 Litre (5L & 5LE Diesel ) inlet pipe to pipe 1997 - 2003
CH4730	ByPass	TOYOTA HiLux GGN15R 4.0 Litre 1GR-FE throttle by pass 2005 - 2013, TOYOTA HiLux GGN25R 4.0 Litre 1GR-FE throttle by pass 2005 - 2013
CH4730	ByPass Hose	TOYOTA PRADO 120 Series 4.0 Litre V6 DOHC 1GR-FE throttle bypass 2004 -
CH4731	Heater Hose	TOYOTA HiLux LN167R 3 Litre (5L & 5LE Diesel ) inlet pipe to heater 1997 - 2003, TOYOTA HiLux LN147R 3 Litre (5L & 5LE Diesel ) inlet pipe to engine 1997 - , TOYOTA HiLux LN172 3 Litre (5L & 5LE Diesel ) inlet pipe to heater 1997 - 2003, TOYOTA HiLux LN152 3 Litre (5L & 5LE Diesel ) inlet pipe to engine 1998 - 2005
CH4732	Heater Hose	TOYOTA PRADO 90 Series 3.4 litre V6 5VZ-FE 1996 - 2002
CH4733	ByPass Hose	TOYOTA PRADO 120 Series 3.0 Litre 1 KZTE Turbo Diesel throttle bypass 2003 -
CH4734	ByPass Hose	TOYOTA PRADO 120 Series 3.0 Litre 1 KZTE Turbo Diesel throttle bypass 2003 -
CH4735	ByPass Hose	VOLKSWAGEN BEETLE 9c AYD,BFS,AZJ,BER,BHP from fluid cooler to water pipe 1999 - 2007
CH4736	Top Hose	DODGE INTREPID /CONCORDE / NEWYORKER 3.5 LITRE 1993 - 1997
CH4738	ByPass	CHRYSLER Voyager & Grand Voyager GS 3.3 litre V6 1997 - 2000
CH4739	Bottom Hose	HYUNDAI TIBURON GK 2.0 Litre G4GC 2002 - 2006
CH4740	Bottom Hose	HYUNDAI TIBURON GK 2.7 Litre G6BA 2003 - 2007
CH4741	Bottom Hose	CHEVROLET /GMC Caravan 3.0 Litre 1993 - 95
CH4742	Top Hose	CHEVROLET /GMC ASTRO / SAFARI 4.3 Litre 1995 - 2005
CH4743	Bottom Hose	CHEVROLET /GMC ASTRO / SAFARI 4.3 Litre 1995 - 2005

Part No	Location	Application
CH4744	Top Hose	NISSAN 260Z L26 1973 - 6/79
CH4745	Heater Hose	SUBARU IMPREZA G3 2.0 Litre EJ204 inlet 08/07 - 2013, SUBARU IMPREZA WRX MY08 2.5 Litre EJ25 Turbo inlet 2007 -
CH4746	Transmission Hose	SUBARU IMPREZA WRX MY08 2.5 Litre EJ25 Turbo PCV 2007 -
CH4747	Heater Hose	SUBARU IMPREZA G3 2.0 Litre EJ204 Outlet 08/07 - 2013, SUBARU IMPREZA WRX MY08 2.5 Litre EJ25 Turbo Outlet 2007 -
CH4748	Bottom Hose	SUBARU IMPREZA G3 2.0 Litre EJ204 08/07 - 2013, SUBARU IMPREZA WRX MY08 2.5 Litre EJ25 Turbo 2007 -
CH4749	Top Hose	SUBARU IMPREZA G3 2.0 Litre EJ204 08/07 - 2013, SUBARU IMPREZA WRX MY08 2.5 Litre EJ25 Turbo 2007 -
CH4750	ByPass Hose	SUBARU IMPREZA WRX MY08 2.5 Litre EJ25 Turbo 2007 -
CH4751	ByPass Hose	SUBARU IMPREZA WRX MY08 2.5 Litre EJ25 Turbo 2007 -
CH4752	Top Hose	HYUNDAI i30 FD 1.6 Litre D4FB Turbo Diesel 2007 - 2011
CH4753	Heater Hose	HYUNDAI ELANTRA HD 2.0 Litre G4GC inlet 10/06 - 05/11, HYUNDAI i30 FD 2.0 Litre G4GC 2007 -
CH4754	Bottom Hose	HYUNDAI i30 FD 1.6 Litre D4FB Turbo Diesel 2007 - 2011
CH4755	Heater Hose	HYUNDAI ELANTRA HD 2.0 Litre G4GC outlet 10/06 - 05/11, HYUNDAI i30 FD 2.0 Litre G4GC 2007 -
CH4756	ByPass Hose	HYUNDAI i30 FD 2.0 Litre G4GC 2007 -
CH4757	ByPass Hose	HYUNDAI i30 FD 2.0 Litre G4GC 2007 -
CH4758	Top Hose	FORD Fiesta WQ 1.6 Litre 2006 -
CH4759	Heater Hose	NISSAN Navara D40 2.5 Litre Turbo Diesel Outlet 2005 - 2008
CH4760	Top Hose	NISSAN Sentra 1.6 Litre NZ & Export 1995 - 1999
CH4761	ByPass Hose	NISSAN Navara D40 2.5 Litre Turbo Diesel Back of Engine 2005 - 2008
CH4762	ByPass Hose	NISSAN Navara D40 2.5 Litre Turbo Diesel EGR Valve to Pipe 2005 - 2008
CH4763	ByPass Hose	NISSAN Navara D40 2.5 Litre Turbo Diesel Oil Cooler Rear 2005 - 2008
CH4764	ByPass Hose	NISSAN Navara D40 2.5 Litre Turbo Diesel LHS of EGR Cooler to Pipe 2005 - 2008
CH4765	ByPass Hose	NISSAN Navara D40 2.5 Litre Turbo Diesel RHS of EGR Cooler to Pipe 2005 - 2008
CH4766	Top Hose	NISSAN Navara D40 2.5 Litre Turbo Diesel 2005 - 2008
CH4767	ByPass Hose	NISSAN Navara D40 2.5 Litre Turbo Diesel RHS of Engine 2005 - 2008
CH4768	Heater Hose	NISSAN Navara D40 2.5 Litre Turbo Diesel Inlet 2005 - 2008
CH4769	ByPass Hose	NISSAN Navara D40 2.5 Litre Turbo Diesel Oil Cooler Front 2005 - 2008
CH4770	ByPass Hose	NISSAN Navara D40 2.5 Litre Turbo Diesel Engine to EGR Valve 2005 - 2008
CH4771	Bottom Hose	NISSAN Navara D40 2.5 Litre Turbo Diesel 2005 - 2008
CH4772	Top Hose	HYUNDAI SONATA NF 3.3 Litre 2007 -
CH4773	Top Hose	HYUNDAI AZERA / GRANDEUR 3.8 Litre 2006 - 2007
CH4774	Top Hose	HOLDEN Astra AH 1.8 Litre Z18XE 2004 - 2008
CH4775	Bottom Hose	HOLDEN Astra AH 1.8 Litre Z18XE 2004 - 2008
CH4776	ByPass Hose	HOLDEN Astra AH 1.8 Litre Z18XE water pump inlet 2004 - 2008
CH4777	ByPass Hose	HOLDEN Astra AH 1.8 Litre Z18XE surge tank to radiator outlet 2004 - 2008
CH4778	ByPass Hose	HOLDEN Astra AH 1.8 Litre Z18XER radiator to Header tank 2007 - 2009, HOLDEN Astra AH 1.8 Litre Z18XE radiator to Header tank 2004 - 2008
CH4779	ByPass Hose	MAZDA 2 DE10Y1 1.5 Litre ZY14 2007 -
CH4780	Top Hose	MAZDA 2 DE10Y1 1.5 Litre ZY14 2007 -
CH4781	ByPass Hose	MAZDA 2 DE10Y1 1.5 Litre ZY14 2007 -
CH4782	ByPass Hose	MAZDA 2 DE10Y1 1.5 Litre ZY14 2007 -
CH4783	Bottom Hose	MAZDA 2 DE10Y1 1.5 Litre ZY14 2007 -
CH4784	ByPass Hose	MAZDA 2 DE10Y1 1.5 Litre ZY14 2007 -
CH4785	Top Hose	LEXUS SC300 3.0 Litre 2JZGE 2000 -
CH4786	Top Hose	TOYOTA PRADO RZJ95R 2.7 Litre 4 Cyl 3RZ-FE 1996 - 2002, TOYOTA TACOMA 2.7 Litre 3RZFE 1998 - 2004
CH4788	Top Hose	MERCEDES - BENZ 260E W124 2.6 Litre 1984 - 1993
CH4789	ByPass Hose	MAZDA MPV 3.0 Litre AJ 2002 - 2006
CH4790	Top Hose	MAZDA MPV 3.0 Litre AJ 2002 - 2006
CH4791	Bottom Hose	MAZDA MPV 3.0 Litre JE 1993 - 1995
CH4792	Heater Hose	MAZDA MPV 3.0 Litre JE 1993 - 1995
CH4793	Top Hose	MAZDA MPV 3.0 Litre JE 1993 - 1995
CH4794	Heater Hose	MAZDA MPV 3.0 Litre AJ 2002 - 2006
CH4795	Expansion Tank Hose	MAZDA MPV 3.0 Litre AJ 2002 - 2006
CH4796	Bottom Hose	KIA CERATO LD 2.0 Litre G4GC Auto Trans 2004 - 2006
CH4797	ByPass Hose	KIA CERATO LD 2.0 Litre G4GC 2004 - 2006
CH4798	Heater Hose	MAZDA 2 DY10Y1 1.5 Litre ZY No 2 2002 - 2005
CH4799	ByPass Hose	KIA CERATO LD 2.0 Litre G4GC 2004 - 2006
CH4800	Top Hose	KIA CERATO LD 2.0 Litre G4GC 2004 - 2006
CH4801	Heater Hose	KIA CERATO LD 2.0 Litre G4GC outlet 2004 - 2006

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CH4802	Coolant overflow tube	MAZDA 2 DY10Y1 1.5 Litre ZY 2002 - 2005
CH4803	Heater Hose	MAZDA 2 DY10Y1 1.5 Litre ZY No1 2002 - 2005
CH4804	Bottom Hose	KIA CERATO LD 2.0 Litre G4GC Manual Trans 2004 - 2006
CH4805	Bottom Hose	NISSAN SUNNY 1.6 Litre QG16DE 2007 -
CH4806	Bottom Hose	NISSAN Tiida 1.6 Litre HR16DE 2006 -
CH4807	Top Hose	NISSAN SUNNY 1.6 Litre QG16DE 2007 -
CH4808	Bottom Hose	HYUNDAI AZERA / GRANDEUR 3.8 Litre 2006 - 2007
CH4809	Heater Hose	TOYOTA HiLux KUN16R 3.0 Litre 1KDF-TV OutLet to 07/06 03/05 - 2013, TOYOTA HiLux KUN26R, SR, SR5 3.0 Litre 1KDF-TV OutLet to 07/06 2004 - 2007
CH4810	Heater Hose	TOYOTA HiLux Workmate TGN16 2.7 Litre 2TRFE Inlet & Outlet 2 per vehicle required 2005 - 2011, TOYOTA HiLux KUN26R, SR, SR5 3.0 Litre 1KDF-TV Inlet & Outlet 2 Per Vehicle 2004 - 2007, TOYOTA HiLux KUN16R 3.0 Litre 1KDF-TV Inlet & Outlet 2 Per Vehicle 03/05 - 2013
CH4811	Heater Hose	TOYOTA HiLux KUN26R, SR, SR5 3.0 Litre 1KDF-TV Inlet to 07/06 2004 - 2007, TOYOTA HiLux KUN16R 3.0 Litre 1KDF-TV Inlet to 07/06 03/05 - 2013
CH4812	Top Hose	HYUNDAI Santa Fe CM 2.7 Litre G6EA 05/06 - 10/09
CH4813	Top Hose	HYUNDAI Santa Fe CM 3.3 Litre G6DB 2007 - 2008
CH4814	Bottom Hose	HYUNDAI SONATA NF 3.3 Litre 2006 - 2007
CH4815	Bottom Hose	HYUNDAI ELANTRA XD 2.0 Litre G4GC 2003 - 2007
CH4816	Bottom Hose	HYUNDAI GRANDEUR / XG350 3.5 Litre 1999 - 2004
CH4817	Top Hose	HYUNDAI SONATA NF 2.4 Litre G4KC 2005 - 2008
CH4818	Bottom Hose	HYUNDAI SONATA NF 2.4 Litre G4KC 2005 - 2008
CH4819	Top Hose	HOLDEN Astra AH 1.8 Litre Z18XER Inlet 2007 - 2009
CH482	Top Hose	HOLDEN FJ 48/215 1948 - 1956, HOLDEN FE, FC, FB Man Trans. 1956 - 1961, FORD Falcon / Fairlane XK - XL 144 & 170 c.i.d 1960 - 1964, HOLDEN EK Manual Trans. 1961 - 1962, TOYOTA Corolla KE10 -15 -16. 1.1 Litre K 1966 - 1969
CH4820	Top Hose	HYUNDAI ELANTRA XD 2.0 Litre G4GC 2003 - 2007
CH4821	Bottom Hose	TOYOTA HiLux KUN16R 3.0 Litre 1KDF-TV 03/05 - 2013, TOYOTA HiLux KUN26R, SR, SR5 3.0 Litre 1KDF-TV 2004 - 2007
CH4822	Top Hose	HYUNDAI ACCENT LC, LS 1.6 Litre G4ED 03/03 - 04/06
CH4823	Top Hose	TOYOTA HiLux KUN26R, SR, SR5 3.0 Litre 1KDF-TV 2004 - 2007, TOYOTA HiLux KUN16R 3.0 Litre 1KDF-TV 03/05 - 2013
CH4824	Top Hose	HYUNDAI TIBURON GK 2.0 Litre G4GC 2002 - 2006
CH4825	Top Hose	HYUNDAI TIBURON GS 2.7 Litre G6BA 2007 -
CH4826	ByPass Hose	HOLDEN Astra AH 1.8 Litre Z18XER Throttle Body to Heater Outlet Hose 2007 - 2009
CH4827	Top Hose	HYUNDAI TIBURON GK 2.7 Litre G6BA 2003 - 2007
CH4828	Heater Hose	KIA CERATO LD 2.0 Litre G4GC Inlet 2004 - 2006
CH4829	Top Hose	LEXUS RX330 3.3 litre 3MZFE ex japan from 5/2005 2005 - 2006
CH4830	Bottom Hose	TOYOTA TACOMA 2.4 Litre 2RZFE 1999 - 2004
CH4831	Bottom Hose	LEXUS IS250 2.5 Litre 4GRFSE 2006 - 2007
CH4832	Bottom Hose	LEXUS GS450H 3.5 Litre GS450H 2007 -
CH4833	Top Hose	TOYOTA TUNDRA 5.7 Litre 3URFE 2007 -
CH4834	Top Hose	LEXUS LS430 4.3 Litre 3UZFE 2001 - 2006
CH4835	Bottom Hose	LEXUS ES350 3.5 Litre 2GRFE 2007 -
CH4836	Bottom Hose	TOYOTA TUNDRA 4.7 Litre 2UZFE 2000 - 2007
CH4838	Top Hose	TOYOTA TACOMA 2.4 Litre 2RZFE 1999 - 2004
CH4839	Bottom Hose	LEXUS RX330 3.3 litre 3MZFE ex japan 2005 - 2006
CH4840	Vacuum Hose	SAAB 9-3 2.0 Litre Turbo engine breather 1998 - 2002, SAAB 9-5 2.0 Litre 4Cyl Turbo engine breather 1998 - 2002
CH4841	Vacuum Hose	SAAB 9-5 2.0 Litre 4Cyl Turbo oil hose to valve nipple 1998 - 2002, SAAB 9-3 2.0 Litre Turbo oil hose to valve nipple 1998 - 2002
CH4842	Vacuum Hose	SAAB 9-5 2.0 Litre 4Cyl Turbo Oil 1998 - 2002, SAAB 9-3 2.0 Litre Turbo Oil 1998 - 2002
CH4843	Turbo Hose	SAAB 900-900Turbo B202, B212 turbo cooling hose 1990 - 1993
CH4844	Top Hose	SAAB 900-900Turbo B202, B212 1990 - 1993
CH4845	Top Hose	TOYOTA KLUGER / HIGHLANDER 2.4 Litre 2AZFE <8/2003 2001 - 2007
CH4846	Top Hose	TOYOTA KLUGER / HIGHLANDER Hybrid 3MZ-FE 2006 - 2007
CH4847	Bottom Hose	TOYOTA Camry LE, SE, XLE Produced in Japan 1MZFE, 3MZFE 2003 - 2006
CH4848	Bottom Hose	LEXUS SC400 4.0 Litre 1UZFE 2000 -
CH4849	Top Hose	TOYOTA KLUGER / HIGHLANDER 2.4 Litre 2AZFE >8/2003 2001 - 2007
CH4850	Bottom Hose	LEXUS LS460 4.6 Litre 1URFSE 2007 -
CH4851	Bottom Hose	TOYOTA PRIUS NHW20 1.5 Litre 1NZFXE 2003 - 2007
CH4852	ByPass Hose	NISSAN PATROL GU II & III 3.0 Litre ZD30 Turbo Diesel 08/2006> 2000 -
CH4853	Top Hose	MAZDA 323 Astina 1.8 L DOHC BG10P & BA11P 5 Door 7/1994 - 1998
CH4854	Top Hose	NISSAN PATROL GU II & III 3.0 Litre ZD30 Turbo Diesel 08/2006> 2000 -
CH4855	Heater Hose	NISSAN PATROL GU II & III 3.0 Litre ZD30 Turbo Diesel 08/2006> 2000 -
CH4856	Bottom Hose	NISSAN PATROL GU II & III 3.0 Litre ZD30 Turbo Diesel 08/2006> 2000 -



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CH4857	ByPass Hose	NISSAN PATROL GU II & III 3.0 Litre ZD30 Turbo Diesel 08/2006> 2000 -
CH4858	Top Hose	SUBARU TRIBECA 3.0 Litre EZ30 Radiator to centre pipe 2006 - 2007
CH4859	ByPass Hose	SUBARU TRIBECA 3.0 Litre EZ30 filler neck 2006 - 2007
CH4860	Top Hose	TOYOTA AVALON TOURING 3.5 Litre 2GRFE 2005 - 2007
CH4861	Bottom Hose	FORD Festiva WD 1.3 & 1.5 litre suits Kia Motor 1997 - 2001
CH4862	ByPass Hose	NISSAN PATROL GU II & III 3.0 Litre ZD30 Turbo Diesel 02/2000-01/07 2000 -
CH4863	Heater Hose	NISSAN PATROL GU II & III 3.0 Litre ZD30 Turbo Diesel 08/2006> 2000 -
CH4864	Top Hose	SUBARU TRIBECA 3.0 Litre EZ30 Radiator to RH side of pipe 2006 - 2007
CH4865	ByPass Hose	NISSAN PATROL GU II & III 3.0 Litre ZD30 Turbo Diesel 08/2006> 2000 -
CH4866	Heater Hose	NISSAN PATROL GU II & III 3.0 Litre ZD30 Turbo Diesel 07/01-01/07 2000 -
CH4867	Bottom Hose	SUBARU OUTBACK BH 3.0 Litre EZ30D 10/2000 - 8/03
CH4868	Bottom Hose	SUBARU TRIBECA 3.0 Litre EZ30 2006 - 2007
CH4869	Top Hose	SUBARU IMPREZA RS 2.5 Litre EJ25 2004 - 2007
CH4870	Top Hose	SUBARU Forester 2.5 Litre EJ25 2000 - 6/02
CH4871	Top Hose	SUBARU IMPREZA RS 2.5 Litre EJ25 2000 - 2001
CH4872	Top Hose	SUBARU IMPREZA RS 2.5 Litre EJ25 2002 -
CH4873	Top Hose	SUBARU OUTBACK BH 3.0 Litre EZ30D RH Side 10/2000 - 8/03
CH4874	Top Hose	SUBARU OUTBACK BP 3.0 Litre EZ30R RH Side 10/2003 - 8/2009
CH4875	Bottom Hose	SUBARU OUTBACK BP 3.0 Litre EZ30R 10/2003 - 8/2009
CH4876	Top Hose	SUBARU OUTBACK BH 3.0 Litre EZ30D LH Side 10/2000 - 8/03
CH4877	Bottom Hose	SCION TC 2.4 Litre 2AZFE 2005 - 2007
CH4878	Top Hose	TOYOTA PRIUS NHW11 1.5 Litre 1NZFXE 2000 - 2003
CH4879	Top Hose	TOYOTA Corolla 1.8 Litre 1ZZFE 1999 - 2002
CH4880	Top Hose	LEXUS LS400 UCF20R V8 (1UZ-FE) 11/97 - 11/2000
CH4881	Bottom Hose	TOYOTA MR2 ZZW30 1.8 Litre 1ZZFE pipe to pipe 2000 - 2005
CH4882	Bottom Hose	LEXUS SC300 3.0 Litre 2JZGE 2000 -
CH4883	Bottom Hose	TOYOTA RAV4 GSA33 3.5 Litre 2GRFE 2007 - 2008
CH4884	Top Hose	TOYOTA PRIUS NHW20 1.5 Litre 1NZFXE 2003 - 2007
CH4885	Top Hose	TOYOTA CELICA SX ZTZ231R 1.8 Litre ZZGE 6SPD Manual Trans 2000 - 2005
CH4886	Bottom Hose	LEXUS GS300 3.0 Litre 2JZGE 2000 - 2005
CH4887	Bottom Hose	TRIUMPH TR4, 4A, TR5, TR250, TR6 Radiator to pump 1962 - 1976
CH4888	ByPass Hose	BMW 316i E21 1.8 litre temp switch housing inlet manifold to 9/80 1976 - 1983
CH4889	Top Hose	NISSAN 300ZX Z31 3.0 Litre V6 VG30 / VG30T NZ & Export radiator to pipe 1984 - 6/89
CH4890	Bottom Hose	OPEL ASTRA G 2.0 Litre Diesel X20DTL, Y20DTL, Y20D 1998 - , OPEL Zafira A 2.0 Litre Diesel X20DTL, Y20DTL, Y20D 1998 -
CH4891	ByPass Hose	OPEL ASTRA G 2.0 Litre Diesel X20DTL, Y20DTL, Y20D connecting tube to thermostat housing 1998 - , OPEL Zafira A 2.0 Litre Diesel X20DTL, Y20DTL, Y20D connecting tube to thermostat housing 1998 -
CH4892	Top Hose	TOYOTA LANDCRUISER VDJ200 V8 1VDFTV diesel 2007 -
CH4893	Top Hose	TOYOTA LANDCRUISER UZJ200 V8 2UZFE 2007 -
CH4894	Bottom Hose	TOYOTA LANDCRUISER VDJ200 V8 1VDFTV diesel 2007 -
CH4895	Top Hose	TOYOTA HiLux RZN169R 2.7 Litre 3RZ 1999 -
CH4896	Bottom Hose	TOYOTA LANDCRUISER UZJ200 V8 2UZFE 2007 -
CH4897	Turbo Hose	SAAB 9-3 2.0 Litre Turbo pipe to turbo 1998 - 2002
CH4898	Turbo Hose	SAAB 9-3 2.0 Litre Turbo intercooler top pipe 1998 - 2002
CH4899	Power steering	SAAB 9-3 2.0 Litre Turbo Low pressure power steering hose 1998 - 2002
CH4900	Top Hose	TOYOTA MR2 ZZW30 1.8 Litre 1ZZFE pipe to pipe 2000 - 2005
CH4901	Top Hose	SUBARU OUTBACK BP 3.0 Litre EZ30R LH Side 10/2003 - 8/2009
CH4902	Bottom Hose	LEXUS GS300 3.0 Litre 3GRFSE 3/05 - 2012
CH4903	Bottom Hose	TOYOTA AVALON MCX10R 3.0 Litre V6 (Left Hand Drive) 1997 - 2001
CH4904	Top Hose	TOYOTA MR2 ZZW30 1.8 Litre 1ZZFE Radiator to pipe 2000 - 2005
CH4905	Top Hose	LEXUS IS250 2.5 Litre 4GRFSE 2006 - 2007
CH4906	Bottom Hose	LEXUS LS400 UCF20R V8 (1UZ-FE) 11/97 - 11/2000
CH4907	Bottom Hose	TOYOTA KLUGER / HIGHLANDER 2.4 Litre 2AZFE 2001 - 2007
CH4908	Bottom Hose	TOYOTA MR2 ZZW30 1.8 Litre 1ZZFE Radiator to pipe 2000 - 2005
CH4909	Top Hose	LEXUS GS400 4.0 Litre 1UZFE 2000 -
CH4910	Top Hose	LEXUS SC400 4.0 Litre 1UZFE 2000 -
CH4911	Bottom Hose	TOYOTA PRIUS NHW11 1.5 Litre 1NZFXE 2001 - 2003
CH4912	Top Hose	LEXUS GS430 4.3 Litre 3UZFE 2001 - 2007
CH4913	Bottom Hose	TOYOTA MR2 ZZW30 1.8 Litre 1ZZFE pipe to engine 2000 - 2005
CH4914	Bottom Hose	TOYOTA TUNDRA 4.7 Litre 2UZFE 2007 -
CH4915	Top Hose	TOYOTA CAMRY HYBRID 2.4 LITRE USA Model Only 2007 -
CH4916	Top Hose	LEXUS LS460 4.6 Litre 1URFSE 2007 -
CH4917	Bottom Hose	LEXUS GS400 4.0 Litre 1UZFE 2000 -

Part No	Location	Application
CH4918	Top Hose	MITSUBISHI OUTLANDER ZG 2.4 Litre 4B12 LH side 20/06 - 2009
CH4919	Top Hose	MITSUBISHI OUTLANDER ZG 2.4 Litre 4B12 RH side 20/06 - 2009
CH4921	Top Hose	BMW 525i E34 2.0 Litre M50B20 1989 - 9/90
CH4925	ByPass Hose	HOLDEN Barina XC 1.4 Litre C/Z14XE 2001 - 2005
CH4926	Bottom Hose	MITSUBISHI OUTLANDER ZE 2.4 Litre 4G64 2003 - 2006
CH4927	Heater Hose	MITSUBISHI OUTLANDER ZE 2.4 Litre 4G64 2003 - 2006
CH4928	Heater Hose	MITSUBISHI OUTLANDER ZE 2.4 Litre 4G64 2003 - 2006
CH4929	Top Hose	MITSUBISHI OUTLANDER ZE 2.4 Litre 4G64 2003 - 2006
CH4930	Heater Hose	MITSUBISHI OUTLANDER ZG 3.0 Litre 6B31 2007 -
CH4931	Bottom Hose	TOYOTA Lite Ace CR28 2.0 Litre 2CT 1992 -
CH4932	Bottom Hose	FORD FOCUS XR LS-LT 2.5 Litre B5254T 4/06 - 5/08
CH4933	Heater Hose	FORD Falcon / Fairlane FG 4.0 Litre (6Cyl) Barra 195 2008 - 2013
CH4934	Heater Hose	MITSUBISHI OUTLANDER ZF 2.4 Litre 4G69 06/04 - 09/06
CH4935	Heater Hose	MITSUBISHI OUTLANDER ZF 2.4 Litre 4G69 06/04 - 09/06
CH4936	Expansion Tank Hose	NISSAN PATROL GU II & III 3.0 Litre ZD30 Turbo Diesel 2000 -
CH4937	Top Hose	TOYOTA Lite Ace CR28 2.0 Litre 2CT 1992 -
CH4938	Bottom Hose	MITSUBISHI OUTLANDER ZG 2.4 Litre 4B12 20/06 - 2009
CH4939	Bottom Hose	MITSUBISHI OUTLANDER ZF 2.4 Litre 4G69 06/04 - 09/06
CH4940	Top Hose	MITSUBISHI OUTLANDER ZF 2.4 Litre 4G69 06/04 - 09/06
CH4941	ByPass Hose	FORD FOCUS XR LS-LT 2.5 Litre B5254T header tank to pipe 4/06 - 5/08
CH4942	Top Hose	FORD MUSTANG 1.6 Litre V8 1ZVFT85H 2005 - 2006
CH4943	Bottom Hose	FORD MUSTANG 4.0 Litre V6 2005 - 2008
CH4944	Top Hose	FORD MUSTANG 5.4 Litre V8 2007 - 2008
CH4945	Top Hose	FORD MUSTANG 4.0 Litre V6 2007 - 2008
CH4946	Top Hose	FORD MUSTANG 4.0 Litre V6 2005 - 2008
CH4947	Heater Hose	HOLDEN Commodore Statesman VR -VQ Series II 3.8 Litre V6 1994 - 1995, HOLDEN Commodore Statesman VP - VQ Series II 3.8 Litre V6 1991 - 1994
CH4949	Bottom Hose	FORD Courier PH 4.0 Litre 04 - 2006, MAZDA Bravo BT4000 4.0 Litre >3/2005 2005 - 2006
CH4950	Heater Hose	MITSUBISHI OUTLANDER ZG 3.0 Litre 6B31 2007 -
CH4951	Top Hose	MITSUBISHI OUTLANDER ZG 3.0 Litre 6B31 LH Side 2007 -
CH4953	Expansion Tank Hose	HOLDEN Barina TK 1.6 Litre surge tank to pipe 2006 - 2011
CH4954	Bottom Hose	DAEWOO Kalos T200 1.5 Litre F15S Auto Trans 2003 - 2005, HOLDEN Barina TK 1.6 Litre Auto to Vin 8B999999 2006 - 2011
CH4955	ByPass Hose	HOLDEN Barina TK 1.6 Litre manifold 2006 - 2011
CH4956	Top Hose	DAEWOO Kalos T200 1.5 Litre F15S Manual Trans 2003 - 2005
CH4957	Bottom Hose	MITSUBISHI OUTLANDER ZG. ZH 3.0 Litre 6B31 12/06 - 2010
CH4958	Top Hose	INFINITI QX56 5.6 Litre VK56DE 2004 - 2007
CH4959	Top Hose	NISSAN ALTIMA VQ35DE NZ & Export 2002 - 2004
CH4960	Bottom Hose	INFINITI G35 3.5 Litre VQ35DE 2003 - 2004
CH4961	Bottom Hose	NISSAN ALTIMA S 2.5 Litre QR25DE 2007 -
CH4962	Bottom Hose	INFINITI G35 3.5 Litre VQ35DE 2003 - 2007
CH4963	Top Hose	INFINITI i35 3.5 Litre VQ35DE 2002 - 2004
CH4964	Bottom Hose	INFINITI G35 3.5 Litre VQ35HR 2007 -
CH4965	Bottom Hose	NISSAN Z350 VQ35HR 2007 -
CH4966	Top Hose	INFINITI G35 3.5 Litre VQ35DE 2003 - 2007
CH4967	Top Hose	INFINITI G35 3.5 Litre VQ35HR 2007 -
CH4968	Top Hose	INFINITI M45, Q45 4.5 Litre VK45DE 2002 - 2006
CH4969	Top Hose	NISSAN Z350 VQ35HR 2007 -
CH4970	Top Hose	NISSAN Quest 3.5 Litre VG33E 2000 - 2002
CH4971	Top Hose	INFINITI QX4 3.5 Litre VQ35DE 2001 - 2004
CH4972	Top Hose	PLYMOUTH PROWLER 3.5 Litre 1997 - 2002
CH4973	Bottom Hose	PLYMOUTH PROWLER 3.5 Litre 1997 - 2002
CH4974	Heater Hose	HYUNDAI i30 FD 1.6 Litre D4FB Turbo Diesel 2007 - 2011
CH4975	Heater Hose	HYUNDAI i30 FD 1.6 Litre D4FB Turbo Diesel 2007 - 2011
CH4976	Top Hose	NISSAN ALTIMA 2.5 Litre QR25DE NZ & Export 2002 - 2006
CH4977	Top Hose	NISSAN ALTIMA / Maxima 3.5 Litre VQ35DE NZ & Export 8/2004 - 2007
CH4978	Bottom Hose	NISSAN ALTIMA 2.5 Litre QR25DE NZ & Export 2002 - 2006
CH4979	ByPass Hose	NISSAN ALTIMA Hybrid 2.5 Litre QR25DE Lower 2007 -
CH4980	ByPass Hose	HOLDEN Vectra JS 2.2 Litre C22SE 1997 - 2003
CH4981	ByPass Hose	HOLDEN Vectra JS 2.2 Litre C22SE 1997 - 2003
CH4982	Bottom Hose	MAZDA CX-7 2.3 Litre MZR Turbo Pipe to engine 2007 -
CH4983	Top Hose	FORD FOCUS XR LS-LT 2.5 Litre B5254T 4/06 - 5/08

Part No	Location	Application
CH4984	Top Hose	FORD Escape ZA 2.3 Litre 2004 - 6/2006, MAZDA Tribute ZB 2.3 Litre 2004 - 2006, FORD Escape ZC 2.3 Litre 7/2006 - 2008, MAZDA Tribute SZ 2.3 Litre 7/2006 - 2008
CH4985	Top Hose	MAZDA CX9 TB 3.7 Litre VA V6 12/07 - 2010
CH4986	Bottom Hose	MAZDA 6 GH 2.5 Litre L5 >9/2007 2007 - 2008
CH4987	Bottom Hose	MAZDA MPV 2.5 Litre GY V6 6/99 - 3/02
CH4988	Top Hose	MAZDA RX8 FE1031 1.3 Litre 13B Pipe to engine 2003 - 2007
CH4989	Bottom Hose	MAZDA MPV 3.0 Litre AJ >09/2003 2002 - 2006
CH4990	Bottom Hose	TOYOTA HiLux KZN65 1KZ-TE 1999 - 2/2005
CH4991	Bottom Hose	MAZDA 6 2.0 Litre RF Diesel radiator to pipe 2006 - 2008
CH4992	ByPass Hose	HOLDEN Vectra JS 2.2 Litre C22SE 1997 - 2003
CH4993	Top Hose	MAZDA 3 BK 2.3 Litre Turbo 04/06 - 1/09
CH4994	ByPass Hose	HOLDEN Commodore Statesman VZ-WL 3.6 Litre V6 Alloytec radiator outlet Hose 2004 -
CH4995	Top Hose	MAZDA MPV 2.5 Litre GY V6 6/99 - 3/02
CH4996	Expansion Tank Hose	HOLDEN Commodore Statesman VZ-WL 3.6 Litre V6 Alloytec coolant bleeder hose 2004 -
CH4997	Top Hose	TOYOTA HiLux KZN65 1KZ-TE 1999 - 2/2005
CH4998	Bottom Hose	TOYOTA LANDCRUISER HDJ100R 4.2 Litre Turbo Diesel 2002 -
CH4999	Bottom Hose	FORD MUSTANG 4.0 Litre V6 2005 - 2008
CH5000	Expansion Tank Hose	TRIUMPH TR8 1979 -
CH5001	Bottom Hose	TRIUMPH TR8 (with A.C) 1979 -
CH5002	Heater Hose	TRIUMPH TR7 pipe to water pump return 1975 - 1976
CH5003	Top Hose	TRIUMPH TR7 left hand side carburettor model 1975 - 1976
CH5004	Top Hose	TRIUMPH TR7 right hand side 1975 - 1976
CH5005	Bottom Hose	TRIUMPH TR7 1975 - 1976
CH5006	Top Hose	TRIUMPH TR7 left hand side 1975 - 1976
CH5007	Bottom Hose	TRIUMPH TR5, TR6, TR250 pipe to pump 1968 - 1976
CH5008	Top Hose	TRIUMPH TR5, TR6, TR250 1975-1976 1968 - 1976
CH5009	Bottom Hose	TRIUMPH TR5, TR6, TR250 radiator sensor 1968 - 1976
CH501	Top Hose	MORRIS Model 850, and Mini Minor Up to Vehicle No 538807 1961 - 1970
CH5010	Bottom Hose	TRIUMPH TR4A 1965 - 1968
CH5011	Top Hose	TRIUMPH TR4A 1965 - 1968
CH5012	Top Hose	HYUNDAI ACCENT LC 1.5 Litre USA & Export applications 2000 - 01
CH5013	ByPass Hose	FIAT Spider 124 1975 - 1978
CH5015	Bottom Hose	HYUNDAI ACCENT LC 1.5 Litre USA & Export applications 2000 - 01
CH5016	Top Hose	HYUNDAI Santa Fe SM 2.4 Litre G4JS 2001 - 2004
CH5017	Top Hose	HYUNDAI SONATA EF-B 2.4 Litre G4JS 2000 - 06
CH5018	Top Hose	HYUNDAI SONATA 2.7 Litre Export Only 2000 - 2007
CH5019	Bottom Hose	HONDA PRELUDE 2.3 Litre H23 USA & export 1991 - 1996, HONDA PRELUDE 2.2 Litre F22 USA & export 1991 - 1996
CH5020	Top Hose	ISUZU Passport 2.6 litre USA & export 1994 - 197
CH5021	Top Hose	INFINITI FX45 4.5 Litre VK45DE 2003 - 2007
CH5022	Top Hose	INFINITI FX35 3.5 Litre VQ35DE 2003 - 2007
CH5023	Bottom Hose	NISSAN ALTIMA / Maxima 3.5 Litre VQ35DE <8/2004 8/2004 - 2007
CH5024	Bottom Hose	NISSAN ALTIMA 2.4 Litre KA24DE 2000 - 2001
CH5025	ByPass Hose	NISSAN ALTIMA Hybrid 2.5 Litre QR25DE Upper 2007 -
CH5026	Bottom Hose	NISSAN ALTIMA / Maxima 3.5 Litre VQ35DE 8/2004 - 2007
CH5027	Top Hose	MAZDA 3 BK 2.0 Litre RF Diesel >1/09 2007 - 2009
CH5028	ByPass Hose	HOLDEN Barina XC 1.4 Litre C/Z14XE 2001 - 2005
CH5029	Top Hose	SUZUKI SWIFT RS415 1.5 Litre M15A 2004 - 2007
CH5030	Heater Hose	SUZUKI SWIFT RS415 1.5 Litre M15A 2004 - 2007
CH5031	ByPass Hose	HOLDEN Barina XC 1.4 Litre C/Z14XE 2001 - 2005
CH5032	Heater Hose	SUZUKI SWIFT RS415 1.5 Litre M15A 2004 - 2007
CH5033	Bottom Hose	SUZUKI SWIFT RS415 1.5 Litre M15A 2004 - 2007
CH5034	Bottom Hose	NISSAN CEDRIC VQ30 1998 - 2002
CH5035	Top Hose	TOYOTA Corolla 1.8 Litre 1ZZ-FE 2008 -
CH5036	Top Hose	KIA Magentis 2.4 Litre 2006 - 2007
CH5037	Top Hose	KIA SORENTO BL 3.5 Litre 2005 - 2006
CH5038	Bottom Hose	TOYOTA Corolla 1.8 Litre 1ZZ-FE pipe to water pump 2008 -
CH5039	Bottom Hose	TOYOTA Corolla 1.8 Litre 1ZZ-FE radiator to pipe 2008 -
CH5040	Top Hose	NISSAN CEDRIC VQ30 1998 - 2002
CH5041	Top Hose	NISSAN Navara D22 2.5 Litre YD25 Diesel NZ & Export 1/2008 -
CH5042	Expansion Tank Hose	HOLDEN Commodore Statesman VZ-WL 3.6 Litre V6 Alloytec Radiator Overflow 2004 - , CHEVROLET / GMC Lumina, Caprice 3.6 Litre V6 Alloytec Radiator Overflow (Australian Made) 2004 -



Part No	Location	Application
CH5043	Bottom Hose	MITSUBISHI L200 Express Utility SJ 2.5 Litre 4D56 diesel 2 & 4WD 1996 - 03
CH5044	Expansion Tank Hose	SAAB 9-5 B308 V6 tank to thermostat housing 2002 - 2003
CH5045	Expansion Tank Hose	SAAB 9-5 3.0 Litre V6 Turbo radiator to expansion tank 1998 - 2002
CH5046	Bottom Hose	SAAB 9-5 3.0 Litre V6 Turbo T Piece to Engine 1998 - 2002
CH5047	Top Hose	FIAT 850 903cc 1970 - 1973
CH5048	Top Hose	CHEVROLET /GMC Trailblazer 6.0 Litre V8 2006 - 2009
CH5049	Top Hose	CHEVROLET /GMC ACADIA AWD 3.6 Litre 2007 - 2008
CH5050	Bottom Hose	CHEVROLET /GMC ACADIA AWD 3.6 Litre 2007 - 2008
CH5051	Bottom Hose	BMW 740i E38/E39 -
CH5052	Top Hose	KIA SORENTO BL 3.8 Litre 2007 -
CH5053	ByPass Hose	TOYOTA Hilux VZN130 3.0 Litre PETROL 1990 - 1994
CH5054	ByPass Hose	TOYOTA Hilux VZN130 3.0 Litre PETROL 1990 - 1994
CH5055	Expansion Tank Hose	SAAB 9-5 3.0 Litre V6 Turbo tank to inlet manifold 1998 - 2002
CH5056	Heater Hose	TOYOTA Hilux VZN130 3.0 Litre PETROL 1990 - 1994
CH5057	Heater Hose	TOYOTA Hilux VZN130 3.0 Litre PETROL 1990 - 1994
CH5058	ByPass hose	VOLKSWAGEN Golf Type 5 Gti DSG 2.0 Litre BWA turbo petrol Manual Trans 2005 - 2009
CH5059	Top Hose	HOLDEN CRUZE JG 1.8 Litre F18D4 5/2009 - 02/2011
CH5060	ByPass Hose	HOLDEN CRUZE JG 1.8 Litre F18D4 header tank to pipe 5/2009 - 02/2011
CH5061	Heater Hose	HOLDEN CRUZE JG 1.8 Litre F18D4 5/2009 - 02/2011
CH5062	Heater Hose	HOLDEN CRUZE JG 1.8 Litre F18D4 5/2009 - 02/2011
CH5063	ByPass hose	VOLKSWAGEN Golf Type 5 Gti DSG 2.0 Litre BWA turbo petrol Manual Trans expansion tank to pipe 2005 - 2009
CH5064	ByPass hose	VOLKSWAGEN Golf Type 5 Gti DSG 2.0 Litre BWA turbo petrol Manual Trans 2005 - 2009
CH5065	ByPass hose	VOLKSWAGEN Golf Type 5 Gti DSG 2.0 Litre BWA turbo petrol Manual Trans 2005 - 2009
CH5066	ByPass hose	VOLKSWAGEN Golf Type 5 Gti DSG 2.0 Litre BWA turbo petrol Manual Trans 2005 - 2009
CH5067	ByPass hose	VOLKSWAGEN Golf Type 5 Gti DSG 2.0 Litre BWA turbo petrol Manual Trans 2005 - 2009
CH5068	Top Hose	HONDA CRV 2.4 Litre K24A1 Left handdrive 2005 - 2006
CH5069	Bottom Hose	HONDA CRV RE 2.4 Litre K24Z1 14 2007 - 2011
CH5070	Heater Hose	VOLKSWAGEN Golf Type 5 Gti DSG 2.0 Litre BWA turbo petrol Manual Trans 2005 - 2009
CH5071	Bottom Hose	HONDA CIVIC HYBRID ES 1.3 Litre LDA1 14 SOHC engine 2003 - 2005
CH5072	Top Hose	HYUNDAI TUCSON 2.0 Litre Betall 2004 -
CH5074	Top Hose	NISSAN Navara D40 2.5 Litre Turbo Diesel 05/07 to 01/10 2005 - 2008
CH5075	Top Hose	KIA Magentis / Optima 2.7 Litre V6 2005 -
CH5076	Bottom Hose	NISSAN Navara D22 2.5 Litre YD25 Diesel 1/2008 -
CH5077	Bottom Hose	KIA SORENTO BL 3.5 Litre 2005 - 2006
CH5078	Heater Hose	JAGUAR XKE III V12 5.3 Litre Junction to heater tank 1971 - 1974
CH5079	Turbo Hose	CHRYSLER Jeep Cherokee KJ 2.5 Litre Turbo Diesel 2W top outlet to intercooler hot side 2001 - 2003, CHRYSLER Jeep Liberty KJ 2.5 Litre Turbo Diesel 2W top outlet to intercooler hot side 2001 - 2003
CH5080	Turbo Hose	CHRYSLER Jeep Cherokee KJ 2.5 Litre Turbo Diesel 2W bottom inlet from intercooler cold side 2001 - 2003, CHRYSLER Jeep Liberty KJ 2.5 Litre Turbo Diesel 2W bottom inlet from intercooler cold side 2001 - 2003
CH5081	Bottom Hose	CHEVROLET /GMC Hummer H3 3.7 Litre LLR15 2006 - 2008
CH5082	ByPass Hose	VOLKSWAGEN Golf Type 4 2.0 Litre APK oil cooler to Top Hose 1999 - 2005
CH5083	Expansion Tank Hose	VOLKSWAGEN Golf Type 4 2.0 Litre APK tank to pipe 1999 - 2005
CH5084	ByPass Hose	VOLKSWAGEN Golf Type 4 1.8 Litre AGU 1999 - 2005
CH5085	Heater Hose	FORD MONDEO MA MB 2.0 Litre I4 16V DOHC Turbo 10/2007 - 2010
CH5086	ByPass Hose	VOLKSWAGEN Golf Type 4 1.6 Litre AEH 1998 - 2002
CH5087	ByPass Hose	VOLKSWAGEN Golf Type 4 1.8 Litre AGU 1999 - 2005
CH5088	ByPass Hose	FORD MONDEO MA MB 2.0 Litre I4 16V DOHC Turbo 10/2007 - 2010
CH5089	Bottom Hose	HYUNDAI TUCSON JN 2.0 Litre G4GC 2005 - 2007, KIA Sportage KM 2.0 Litre G4GC 2005 - 2010
CH5090	Expansion Tank Hose	SAAB 9-5 3.0 Litre V6 Turbo tank to reservoir 1998 - 2002
CH5091	Heater Hose	SAAB 9-5 3.0 Litre V6 Turbo 1998 - 2002
CH5092	Bottom Hose	MITSUBISHI Lancer EVO IX CY 2.0 Litre 4G63 2005 - 2007
CH5093	Bottom Hose	VOLKSWAGEN Golf Type 5 1.9 Litre BXE 14 SOHC T/diesel EGR cooler 2006 - 2007
CH5094	ByPass Hose	VOLKSWAGEN Golf Type 5 1.9 Litre BXE 14 SOHC T/diesel EGR cooler 2006 - 2007
CH5095	Expansion Tank Hose	VOLKSWAGEN Golf Type 5 1.9 Litre BXE 14 SOHC T/diesel tank to pipe 2006 - 2007
CH5096	ByPass Hose	VOLKSWAGEN Golf Type 5 1.9 Litre BXE 14 SOHC T/diesel pipe to reservoir 2006 - 2007
CH5097	ByPass Hose	VOLKSWAGEN Golf Type 5 1.9 Litre BXE 14 SOHC T/diesel Top Hose to hose 2006 - 2007
CH5098	ByPass Hose	VOLKSWAGEN Golf Type 5 1.9 Litre BXE 14 SOHC T/diesel EGR cooler 2006 - 2007
CH5099	ByPass Hose	SAAB 9-5 3.0 Litre V6 Turbo 1998 - 2002

Part No	Location	Application
CH5101	Heater Hose	SAAB 9-5 3.0 Litre V6 Turbo 1998 - 2002
CH5102	Heater Hose	SAAB 9-5 3.0 Litre V6 Turbo 1998 - 2002
CH5103	Top Hose	SAAB 9-5 3.0 Litre V6 Turbo 1998 - 2002
CH5104	Bottom Hose	SAAB 9-5 3.0 Litre V6 2002 - 2003
CH5105	Top Hose	TOYOTA PRADO RZJ120 2.7 Litre 4 Cyl 3RZ-FE 10/02 - 08/04
CH5106	Top Hose	HOLDEN NOVA LE:LF 1.6 Litre 4AGE 1987 - 1994, TOYOTA Corolla AE90-92-93-94 1.6 Litre 4AGE 1987 - 1994
CH5107	Top Hose	TOYOTA Spacia SR40 2.0 Litre 3SFE 1997 - 2001
CH5108	Top Hose	TOYOTA Avensis ACM20R 2.0 Litre 1AZFE 12/01 - 11/03, TOYOTA Avensis ACM20R 2.0 Litre 2AZFE 03 - 2007
CH5109	Top Hose	TOYOTA Corolla AE96 1.8 Litre 7AFE EFI 1992 - 1994
CH5110	Top Hose	TOYOTA SOARER UZZ31,32 3.0 Litre 1UZFE 1990 - 1997
CH5111	Top Hose	TOYOTA Town Ace KR42R 1.8 Litre 7KE EFI 1998 - 2003
CH5112	Top Hose	TOYOTA Soarer JZZ30 2.5 Litre 1JGTE 1990 - 1997
CH5113	Top Hose	TOYOTA HiLux Workmate TGN16 2.7 Litre 2TRFE 2005 - 2011
CH5114	Bottom Hose	KIA Magentis / Optima 2.7 Litre V6 2005 -
CH5115	ByPass Hose	TOYOTA HiLux VZN130 3.0 Litre PETROL to 8/92 1990 - 1994, TOYOTA 4 Runner VZN130 3.0 Litre PETROL to 8/92 1990 - 1994
CH5116	Heater Hose	HYUNDAI S Coupe 1.5 Litre G4EK 1992 - 1996
CH5117	Heater Hose	TOYOTA HiLux VZN130 3.0 Litre PETROL 1990 - 1994, TOYOTA 4 Runner VZN130 3.0 Litre PETROL 1990 - 1994
CH5118	ByPass Hose	TOYOTA 4 Runner VZN130 3.0 Litre PETROL 1990 - 1994, TOYOTA HiLux VZN130 3.0 Litre PETROL 1990 - 1994
CH5119	Bottom Hose	KIA Rondo / Carens 2.4 Litre G4KC 2006 -
CH5120	Bottom Hose	HYUNDAI TERRACAN HP 2.9 Litre Diesel J3 2001 - 2007
CH5121	ByPass Hose	VOLKSWAGEN Golf Type 5 Gti DSG 2.0 Litre BWA turbo petrol Manual Trans 2005 - 2009
CH5122	ByPass hose	VOLKSWAGEN Golf Type 5 Gti DSG 2.0 Litre BWA turbo petrol Manual Trans 2005 - 2009
CH5123	Top Hose	HONDA CRV RE 2.4 Litre K24Z1 14 2007 - 2011
CH5124	Top Hose	HYUNDAI TUCSON JN 2.7 Litre G6BA 2004 - 2007
CH5125	Bottom Hose	KIA Optima GD 2.7 Litre G6BA 2004 - 2006
CH5126	Top Hose	KIA Rondo / Carens 2.4 Litre G4KC 2006 -
CH5127	Bottom Hose	KIA Magentis 2.4 Litre 2006 - 2007
CH5128	Heater Hose	PLYMOUTH PROWLER 3.5 Litre 1997 - 2002
CH5129	Heater Hose	PLYMOUTH PROWLER 3.5 Litre 1997 - 2002
CH5130	ByPass Hose	PLYMOUTH PROWLER 3.5 Litre 1997 - 2002
CH5131	ByPass Hose	PLYMOUTH PROWLER 3.5 Litre 1997 - 2002
CH5132	Heater Hose	PLYMOUTH PROWLER 3.5 Litre 1997 - 2002
CH5133	Bottom Hose	TOYOTA Tercel 1AC/3AC 1975 - 1980, VOLVO 240 1975 - 1980
CH5134	Expansion Tank Hose	VOLKSWAGEN Golf Type 5 1.9 Litre BXE 14 SOHC T/diesel expansion tank to pipe 2006 - 2007
CH5135	Bottom Hose	TOYOTA Camry (Japan & USA production) ACV36 (30 Series) 2.4 Litre 2AZFE 11/02 - 07/06
CH5136	Bottom Hose	LEXUS RX400H 3.3 Litre 3MZFE 2006 - 2007
CH5137	ByPass	MAZDA MX5 NC 2.0 Litre LFDE (B) Throttle body to Top Hose pipe 09/05 - 2013
CH5138	ByPass hose	VOLKSWAGEN Golf Type 5 Gti DSG 2.0 Litre BWA turbo petrol Manual Trans 2005 - 2009
CH5139	Top Hose	HYUNDAI Trajet FO 2.7 Litre G6BA 7/2000 - 2007
CH5141	Top Hose	MAZDA 121 DA 1.3 Litre B3 3/87 - 11/90
CH5142	Top Hose	MAZDA MX5 NC 2.0 Litre LFDE (A) Engine to pipe 09/05 - 2013
CH5143	Top Hose	MAZDA E1800/2000 Petrol F8 1.8 Litre EFI 08/1999-ON 1991 - 2001
CH5144	Bottom Hose	TOYOTA HiAce KDH200R 2.5 Litre Diesel 2005 - 2007
CH5145	Top Hose	HYUNDAI Santa Fe CM 2.2 Litre D4EB 2006 - 2009
CH5146	Top Hose	MAZDA EUNOS 30X 1.8 Litre K8 1992 - 1998
CH5147	Fuel Hose	HOLDEN Commodore Statesman VL 3.0 Litre (E.F.I) Tank to fuel pump 1986 - 1988
CH5148	Bottom Hose	TOYOTA TUNDRA 5.7 Litre 3URFE 2007 -
CH5149	Bottom Hose	TOYOTA Corolla ZZE122R 1.8 Litre USA Model 2001 - 2007
CH5150	Bottom Hose	LEXUS GX470 4.7 Litre 2UZFE NZ & Export 2003 - 2007
CH5151	Bottom Hose	TOYOTA Sienna 3.3 Litre 3MZFE to 9/05 2005 - 2006
CH5152	Bottom Hose	TOYOTA Camry USA Application LE, SE, XLE 1MZFE, 3MZFE 2003 - 2006
CH5153	Bottom Hose	TOYOTA TUNDRA 4.0 Litre 1GRFE 2005 - 2006
CH5154	Bottom Hose	TOYOTA Sienna 3.3 Litre 3MZFE 2005 - 2006
CH5155	Bottom Hose	TOYOTA Sienna 3.5 Litre 2GRFE 2007 -
CH5157	Bottom Hose	TOYOTA TUNDRA 4.0 Litre 1GRFE 2007 -
CH5158	Bottom Hose	TOYOTA AVALON TOURING 3.5 Litre 2GRFE 2005 - 2007
CH5159	Bottom Hose	NISSAN NAVARA D22 3.0 Litre ZD30Turbo Diesel from 2004 2002 -
CH5160	Top Hose	MAZDA MX5 NC 2.0 Litre LFDE (C) Pipe to radiator 09/05 - 2013
CH5161	Top Hose	MAZDA E1800/2000 Petrol F8 1.8 Litre without EFI 08/1999-ON 1991 - 2001

Part No	Location	Application
CH5162	Heater Hose B	NISSAN NAVARA D22 3.0 Litre ZD30Turbo Diesel 2002 -
CH5163	Expansion Tank Hose	NISSAN NAVARA D22 3.2 Litre QD32 radiator overflow 1991 - 2002, NISSAN NAVARA D22 3.0 Litre ZD30Turbo Diesel 2002 -
CH5164	Heater Hose	TRIUMPH TR2, 3, 3A 1952 - 1959
CH5165	Bottom Hose	TRIUMPH TR8 With Heater 1979 - 4
CH5166	Top Hose	TRIUMPH TR7 1975 - 1976
CH5167	ByPass Hose	TRIUMPH TR8 1979 -
CH5168	Heater Hose	TRIUMPH TR7 heater to pipe return 1975 - 1976
CH5169	ByPass Hose	TRIUMPH TR4, 4A, TR5, TR250, TR6 inlet manifold to return pipe 1962 - 1976
CH5170	ByPass Hose	TRIUMPH TR4, 4A, TR5, TR250, TR6 outlet pipe to water pump 1962 - 1976
CH5171	ByPass Hose	TRIUMPH TR4, 4A, TR5, TR250, TR6 water pump to inlet manifold carby only 1962 - 1976
CH5172	Heater Hose	TRIUMPH TR7 1975 - 1976
CH5173	Heater Hose	TRIUMPH TR7 cyl head to heater 1975 - 1976
CH5174	Top Hose	TRIUMPH TR4, 4A, TR5, TR250, TR6 TR6 USA model only 1962 - 1976
CH5175	Top Hose	TRIUMPH TR7 Right hand side fuel injected 1979-on 1975 - 1976
CH5176	Top Hose	TOYOTA Landcruiser KZJ73 2.4 Litre 2LTE 5/93 - 4/96
CH5177	Bottom Hose	TOYOTA Landcruiser KZJ73 2.4 Litre 2LTE 5/93 - 4/96
CH5178	Top Hose	TOYOTA Town Ace KR42R 1.8 Litre 7K 1998 - 2003
CH5179	Heater Hose	MITSUBISHI L200 Express Utility K64, K74 2.5 Litre T/diesel NZ & Export 1996 -
CH5180	Heater Hose	MITSUBISHI L200 Express Utility K64, K74 2.5 Litre T/diesel NZ & Export 1996 -
CH5181	Heater Hose	MITSUBISHI Lancer CS3A 1.6 Litre 2004 -
CH5182	Heater Hose	MITSUBISHI Lancer CS3A 1.6 Litre 2004 -
CH5183	Top Hose	FORD TRANSIT VF,VG 2.5 Litre Diesel (ALL) 1994 - 2000
CH5184	Bottom Hose	MITSUBISHI MIRAGE 15. Litre 4G15 DOHC, 1.3 Litre 4G13 NZ & Export 1995 - 2003
CH5185	Bottom Hose	MITSUBISHI Lancer CS3A 1.6 Litre 2004 -
CH5186	Top Hose	MITSUBISHI Lancer CS3A 1.6 Litre 2004 -
CH5187	Top Hose	MITSUBISHI CARISMA DA1A 1.6 Litre 4G92 1995 - 2003
CH5188	Bottom Hose	MITSUBISHI MIRAGE 4 cyl 1.3 Litre (4G13) SOHC NZ & Export 1988 - 5/90
CH5188	Top Hose	MITSUBISHI MIRAGE 15. Litre 4G15 DOHC, 1.3 Litre 4G13 NZ & Export 1995 - 2003
CH5189	Bottom Hose	MITSUBISHI CARISMA DA1A 1.6 Litre 4G92 from 8/2002 1995 - 2003
CH5190	Bottom Hose	MITSUBISHI CARISMA DA1A 1.6 Litre 4G92 to 8/2002 1995 - 2003
CH5191	Heater Hose	MITSUBISHI L200 Express Utility KB4T 2.5 Litre T/diesel DID 12/2007-ON 2005 -
CH5192	Heater Hose	MITSUBISHI L200 Express Utility KB4T 2.5 Litre T/diesel DID 12/2005-11/2007 2005 -
CH5193	Top Hose	MITSUBISHI MIRAGE CA1A 4 cyl 1.3 Litre (4G13) NZ & Export 1991 - 1996
CH5194	Top Hose	NISSAN X-Trail T31 2.5 Litre QR25DE 10/07 -
CH5195	Bottom Hose	NISSAN X-Trail T31 2.5 Litre QR25DE 10/07 -
CH5196	Heater Hose	NISSAN X-Trail T31 2.5 Litre QR25DE 10/07 -
CH5197	Heater Hose	NISSAN X-Trail T31 2.5 Litre QR25DE 10/07 -
CH5198	ByPass Hose	NISSAN X-Trail T31 2.5 Litre QR25DE Oil cooler water hose 10/07 -
CH5199	ByPass Hose	NISSAN X-Trail T31 2.5 Litre QR25DE Oil cooler water hose 10/07 -
CH520	ByPass Hose	LANDROVER III (2.2 Litre Petrol & Diesel) 1968 - 1981, LANDROVER II A (2.25 Litre Petrol & Diesel) 88 and 109 W.B 1958 - 1967, LANDROVER II A (2.25 Litre Petrol & Diesel) 88 and 109 W.B 1957 - 1961
CH5200	Top Hose	NISSAN Navara D22 2.5 Litre RD25 NZ & Export -
CH5201	ByPass Hose	NISSAN X-Trail T31 2.5 Litre QR25DE 2 required per vehicle 10/07 -
CH5202	Heater Hose	HOLDEN Commodore Statesman VE-WM 3.6 Litre LEO,LW2,LY7 inlet 2006 - 08/10
CH5203	Heater Hose	HOLDEN Commodore Statesman VE-WM 3.6 Litre LEO,LW2,LY7 outlet 2006 - 08/10
CH5204	Top Hose	VOLKSWAGEN Passat 1.8 Litre T/Diesel RA, SB 8/1998 - 09/1993
CH5205	Bottom Hose	BMW Z3 E36 2.8 Litre M52 to Thermostat Housing 1998 - 2002
CH5206	Top Hose	BMW Z3 E36 2.8 Litre M52 1998 - 2002
CH5207	Top Hose	AUDI 80 1.3, 1.6, 1.9 Litre ZA,YP,YN,FY,DT,EP,WV 5/1972 - 8/1991
CH5208	ByPass Hose	VOLKSWAGEN Golf 1.8 Litre 8hermostat to water pump 2/1988-5/1997 1992 - 1998
CH5213	Top Hose	BMW 525i E34 2.5 Litre M20 -
CH5214	Top Hose	HOLDEN RODEO RA TFS85, TFR85 2 & 4WD 3.0 Litre 4JJ1 Diesel 2007 - 2008, HOLDEN COLORADO RC TFS85, TFR85 3.0 Litre 4JJ1TC 7/08 - 2011, ISUZU D-MAX TF TFS85, TFR85 3.0 Litre 4JJ1 10/08 - 2013
CH5215	Bottom Hose	HOLDEN RODEO RA TFS85, TFR85 2 & 4WD 3.0 Litre 4JJ1 Diesel 2007 - 2008, HOLDEN COLORADO RC TFS85, TFR85 3.0 Litre 4JJ1TC 7/08 - 2011, ISUZU D-MAX TF TFS85, TFR85 3.0 Litre 4JJ1 10/08 - 2013
CH5216	Top Hose	HONDA PRELUDE 2.0 Litre (B20A) to 1989 1988 - 1991
CH5217	Heater Hose	ISUZU D-MAX TF TFS85, TFR85 3.0 Litre 4JJ1 Inlet 10/08 - 2013, HOLDEN COLORADO RC TFS85, TFR85 3.0 Litre 4JJ1TC Inlet 7/08 - 2011, HOLDEN RODEO RA TFS85, TFR85 2 & 4WD 3.0 Litre 4JJ1 Diesel Inlet 2007 - 2008
CH5218	Heater Hose	ISUZU D-MAX TF TFS85, TFR85 3.0 Litre 4JJ1 Outlet 10/08 - 2013, HOLDEN COLORADO RC TFS85, TFR85 3.0 Litre 4JJ1TC Outlet 7/08 - 2011, HOLDEN RODEO RA TFS85, TFR85 2 & 4WD 3.0 Litre 4JJ1 Diesel outlet 2007 - 2008
CH5219	ByPass Hose	KIA RIO JB 1.4 Litre G4EE T/Stat base to pipe 8/2005 - 11/2009



Part No	Location	Application
CH5220	Heater Hose	KIA RIO JB 1.4 Litre G4EE outlet 8/2005 - 11/2009, KIA RIO JB 1.6 Litre G4ED outlet 3/2007 - 11/2009
CH5221	Top Hose	VOLKSWAGEN CADDY 1.4 & 1.6 Litre Petrol 11/1991 - 12/2000
CH5222	Top Hose	MITSUBISHI STARWAGON L400 WA 2.4 Litre 4G64 1994 - 2003
CH5223	Bottom Hose	MITSUBISHI STARWAGON L400 WA 2.4 Litre 4G64 1994 - 2003
CH5224	Bottom Hose	NISSAN Terrano R20 3.0 Litre ZD30 -
CH5225	Top Hose	HOLDEN Commodore Statesman VE-WM 3.6 Litre LEO,LW2,LY7 from 7/2009 2006 - 08/10, CHEVROLET /GMC Lumina, Caprice 3.6 Litre LEO,LW2,LY7 (Australian Made) from 7/2009 2006 -
CH5226	Bottom Hose	MAZDA Tribute ZB 2.3 Litre 2004 - 2006, FORD Escape ZC 2.3 Litre 7/2006 - 2008, MAZDA Tribute SZ 2.3 Litre 7/2006 - 2008, FORD Escape ZA 2.3 Litre 2004 - 6/2006
CH5227	ByPass Hose	FORD Escape ZA 2.3 Litre Engine to T Piece 2004 - 6/2006, MAZDA Tribute ZB 2.3 Litre Engine to T Piece 2004 - 2006
CH5228	ByPass Hose	MAZDA Tribute SZ 2.3 Litre Thermostat housing to Tpiece 7/2006 - 2008, FORD Escape ZA 2.3 Litre Thermostat housing to Tpiece 2004 - 6/2006, MAZDA Tribute ZB 2.3 Litre Thermostat housing to Tpiece 2004 - 2006, FORD Escape ZC 2.3 Litre Thermostat housing to Tpiece 7/2006 - 2008
CH5229	Heater Hose	TOYOTA RAV4 SXA11R 2.0 Litre 3SFE inlet B 1994 - 2000
CH5230	ByPass Hose	TOYOTA RAV4 SXA11R 2.0 Litre 3SFE No2 1994 - 2000
CH5231	ByPass Hose	TOYOTA RAV4 SXA11R 2.0 Litre 3SFE No 3 1994 - 2000
CH5232	ByPass Hose	FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) dedicated Gas converter to engine with fitting 9/2002 - 2005, FORD Falcon / Fairlane BF 4.0 Litre (6Cyl) dedicated Gas converter to engine with fitting 9/2005 -
CH5233	ByPass Hose	FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) dedicated Gas converter to engine with out fitting 9/2002 - 2005, FORD Falcon / Fairlane BF 4.0 Litre (6Cyl) dedicated Gas converter to engine with out fitting 9/2005 -
CH5234	Heater Hose	HOLDEN Vectra JR 2.0 Litre C20SEL inlet 1997 - 1998
CH5235	Top Hose	AUDI 100 RT & KP 1.6, 2.0 & 1.6 T/D 9/75 - 12/94
CH5236	Bottom Hose	VOLKSWAGEN TRANSPORTER T4 2.4 Litre AAB, AJA Diesel 7/90 - 4/03
CH5237	Bottom Hose	VOLKSWAGEN TRANSPORTER 1.9 Litre ABL Diesel 10/92 - 4/03
CH5238	Top Hose	PEUGEOT 505 NX6 1980 - 1987
CH5239	Top Hose	NISSAN Vanette C22 2.0 Litre Z20 1986 - 1993
CH5240	Top Hose	NISSAN Vanette C22 2.0 Litre Z20 from radiator cap fitting 1986 - 1993
CH5241	Bottom Hose	NISSAN Vanette C22 2.0 Litre Z20 radiator to T piece 1986 - 1993
CH5242	Bottom Hose	NISSAN Vanette C22 2.0 Litre Z20 from T piece 1986 - 1993
CH5243	ByPass Hose	NISSAN Vanette C22 2.0 Litre Z20 water pump connection 1986 - 1993
CH5244	Heater Hose	NISSAN Vanette C22 2.0 Litre Z20 inlet 1986 - 1993
CH5245	Heater Hose	NISSAN Vanette C22 2.0 Litre Z20 Outlet 1986 - 1993
CH5246	Top Hose	TOYOTA RAV4 SXA11R 2.0 Litre 3SFE 1994 - 2000
CH5247	Bottom Hose	HOLDEN Barina TK 1.6 Litre Manual up to Vin 8B999999 2006 - 2011, DAEWOO Kalos T200 1.5 Litre F15S Manual Trans 2003 - 2005
CH5248	Top Hose	HOLDEN Barina TK 1.6 Litre from VIN 9B000001 2006 - 2011
CH5249	Bottom Hose	HOLDEN Barina TK 1.6 Litre Auto & Manual from Vin 9B000001 2006 - 2011
CH525	Top Hose	HOLDEN EH 179 c.i.d. 1963 - 1965, HOLDEN EH 149 c.i.d. 1963 - 1965, HOLDEN EJ 1962 - 1963
CH5250	Bottom Hose	BMW 525i E34 2.5 Litre M20 radiator to pipe -
CH5251	ByPass Hose	BMW 525i E34 2.5 Litre M20 engine & additional w/pump -
CH5252	ByPass Hose	BMW 325e E30 2.7 Litre M20B27 water Pump to T/stat housing base 1985 - 1987, BMW 325i E30 2.5 litre water Pump to T/stat housing base 1984 - 1990, BMW 320i E30 2.0 Litre M50B20 water Pump to T/stat housing base 1982 - 1990, BMW 525E E28 2.7 Litre M20B27ME water pump to t/stat housing base 1981 - 1988, BMW 520i E28 2.0 Litre M20B20K water pump to t/stat housing base 03/83 - 12/85, BMW 525i E34 2.5 Litre M20 water pump to t/stat housing base -, BMW 520i E34 2.0 Litre M20B20 water pump to t/stat housing base -
CH5253	Top Hose	MITSUBISHI DELICA 2.8 Litre 4M40T chasis PE8W 1994 - 1999
CH5254	Bottom Hose	MITSUBISHI DELICA 2.8 Litre 4M40T chasis PE8W 1994 - 1999
CH5255	ByPass Hose	FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) dedicated Gas converter hose 9/2002 - 2005, FORD Falcon / Fairlane BF 4.0 Litre (6Cyl) dedicated Gas converter hose 9/2005 -
CH5258	Top Hose	HOLDEN Barina TK 1.6 Litre up to Vin 8B999999 2006 - 2011
CH5259	Heater Hose	DAEWOO Nubira J100, J150 2 Litre X20SED DOHC inlet 1999 - 2003, HOLDEN Barina TK 1.6 Litre inlet 2006 - 2011
CH5260	Heater Hose	DAEWOO Nubira J100, J150 2 Litre X20SED DOHC outlet 1999 - 2003, HOLDEN Barina TK 1.6 Litre outlet 2006 - 2011
CH5261	ByPass Hose	BMW 525i E34 2.5 Litre M20 radiator to heater to thermostat -
CH5262	Heater Hose	BMW 525i E34 2.5 Litre M20 water valve to right radiator -
CH5263	ByPass Hose	MAZDA Tribute ZB 2.3 Litre 2004 - 2006, FORD Escape ZA 2.3 Litre 2004 - 6/2006
CH5264	ByPass Hose	FORD Escape ZC 2.3 Litre 7/2006 - 2008, MAZDA Tribute SZ 2.3 Litre 7/2006 - 2008
CH5265	ByPass Hose	FORD Escape ZC 2.3 Litre Engine to T Piece 7/2006 - 2008, MAZDA Tribute SZ 2.3 Litre Engine to T Piece 7/2006 - 2008
CH5266	Top Hose	HOLDEN CRUZE YG 1.5 Litre M15A 2002 - 2006
CH5267	Bottom Hose	HOLDEN CRUZE YG 1.5 Litre M15A radiator to pipe Auto Trans 2002 - 2006
CH5268	Top Hose	SUZUKI IGNIS RG415 1.5 Litre M15A 2002 - 2006
CH5269	Bottom Hose	HOLDEN CRUZE YG 1.5 Litre M15A radiator to pipe Manual Trans 2002 - 2006, SUZUKI IGNIS RG415 1.5 Litre M15A radiator to pipe Manual Trans 2002 - 2006

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CH5270	Bottom Hose	SUZUKI IGNIS RG415 1.5 Litre M15A pipe to engine 2002 - 2006, HOLDEN CRUZE YG 1.5 Litre M15A pipe to engine 2002 - 2006
CH5271	Heater Hose	HOLDEN CRUZE YG 1.5 Litre M15A inlet 2002 - 2006
CH5272	ByPass Hose	SUZUKI IGNIS RG415 1.5 Litre M15A 2002 - 2006, HOLDEN CRUZE YG 1.5 Litre M15A 2002 - 2006
CH5273	Heater Hose	SUZUKI IGNIS RG415 1.5 Litre M15A inlet 2002 - 2006
CH5274	Heater Hose	SUZUKI IGNIS RG415 1.5 Litre M15A outlet to heater 2002 - 2006
CH5275	Heater Hose	SUZUKI IGNIS RG415 1.5 Litre M15A outlet pipe to tap 2002 - 2006
CH5276	Bottom Hose	MAZDA 323 Astina 1.8 L DOHC BG10P & BA11P 5 Door 7/1994 - 1998
CH5277	Top Hose - Radiator to Pipe	TOYOTA Tarago TCR 10 -11 -20 -21 2.4 Litre 2TZFE 2/92 on 1990 - 2000
CH5279	ByPass Hose	TOYOTA Tarago TCR 10 -11 -20 -21 2.4 Litre 2TZFE #8 1990 - 1997
CH5280	Heater Hose	TOYOTA Tarago TCR 10 -11 -20 -21 2.4 Litre 2TZFE coupling to engine 1990 - 2000
CH5282	ByPass Hose	TOYOTA Tarago TCR 10 -11 -20 -21 2.4 Litre 2TZFE #9 1990 - 1997
CH5283	Heater Hose	TOYOTA Tarago TCR 10 -11 -20 -21 2.4 Litre 2TZFE Heater to Pipe 2 1990 - 2000
CH5285	Heater Hose	TOYOTA LANDCRUISER HZJ 80 4.2 Litre 1 HZ Diesel Inlet 1990 - 1998
CH5286	Heater Hose	HOLDEN CRUZE YG 1.5 Litre M15A outlet 2002 - 2006
CH5287	Heater Hose	DAEWOO Lanos T100 1.5 Litre (SOHC) 8Valve A15SMS return hose Auto Trans 1997 - 2003
CH5288	ByPass Hose	DAEWOO Lanos T100 1.5 Litre (SOHC) 8Valve A15SMS throttle body to thermostat 1997 - 2003
CH5289	ByPass Hose	DAEWOO Lanos T100 1.5 Litre (SOHC) 8Valve A15SMS throttle body return 1997 - 2003
CH5290	ByPass Hose	DAEWOO Lanos T100 1.5 Litre (SOHC) 8Valve A15SMS surge tank and pipe 1997 - 2003
CH5291	Heater Hose	LEXUS LS400 UCF20R V8 (1UZ-FE) 11/94 - 07/97
CH5292	Heater Hose	LEXUS LS400 UCF20R V8 (1UZ-FE) 11/94 - 07/97
CH5293	Top Hose	LEXUS LS400 UCF20R V8 (1UZ-FE) 11/94 - 07/97
CH5294	ByPass Hose	NISSAN Pulsar N15 1.6 Litre GA16DE pipe to thermostat housing 1995 - 1999
CH5296	ByPass Hose	NISSAN Pulsar N15 1.6 Litre GA16DE Thermostat Housing to under manifold 1995 - 1999
CH5297	ByPass Hose	NISSAN Pulsar N15 1.6 Litre GA16DE pipe to RH manifold Auto Trans 1995 - 1999
CH5298	ByPass Hose	NISSAN Pulsar N15 1.6 Litre GA16DE Pipe to Manifold 1995 - 1999
CH5299	ByPass Hose	NISSAN Pulsar N15 1.6 Litre GA16DE pipe to manifold (U shaped) 1995 - 1999
CH5300	ByPass Hose	NISSAN Pulsar N15 1.6 Litre GA16DE pipe to LH manifold 1995 - 1999
CH5301	ByPass Hose	NISSAN Pulsar N15 1.6 Litre GA16DE pipe to RH manifold 1995 - 1999
CH5302	ByPass Hose	NISSAN Pulsar N15 1.6 Litre GA16DE pipe to LH manifold 1995 - 1999
CH5303	Top Hose	BMW 320i E46 M52,M54 1998 - 2005
CH5304	Top Hose	BMW 316i E46 M43B16, M47 1998 - 2004
CH5306	Top Hose	FORD KA TA, TB 1.3 Litre BL13 1999 - 2003
CH5307	Heater Hose	FORD KA TA,TB 1.3 Litre BL13EFI Outlet 11/99 - 2003
CH5308	Expansion Tank Hose	FORD KA TA, TB 1.3 Litre BL13 1999 - 2003
CH5309	Top Hose	KIA K2700 PU 2.7 Litre J2 04/2005 - 3/2008, KIA K2700 PU 2.9 Litre J3 2008 - 2011, KIA K2700 TU 2.7 Litre J2 10/2002 - 01/2005
CH5310	Heater Hose	MITSUBISHI PAJERO NT 3.2 Turbo Diesel 4M41T outlet 01/2009 - 2011
CH5311	Bypass Hose	SUBARU BRUMBY AU5 1.8 Litre EA81 water pump to 1982 - 1994
CH5312	Bypass Hose	SUBARU BRUMBY AU5 1.8 Litre EA81 manifold to valve 1982 - 1994
CH5313	Bypass Hose	SUBARU BRUMBY AU5 1.8 Litre EA81 from pipe 1982 - 1994
CH5314	Bypass Hose	SUBARU BRUMBY AU5 1.8 Litre EA81 manifold lower 1982 - 1994
CH5315	Heater Hose	SUBARU BRUMBY AU5 1.8 Litre EA81 inlet 1982 - 1994
CH5316	Heater Hose	SUBARU BRUMBY AU5 1.8 Litre EA81 outlet 1982 - 1994
CH5317	ByPass Hose	SUBARU LIBERTY BE, BH 2.0 Litre EJ201 inlet manifold 03/99 - 08/03
CH5318	Bottom Hose	SUBARU LIBERTY BE, BH 2.0 Litre EJ201 03/99 - 08/03
CH5319	Heater Hose	SUBARU LIBERTY BE, BH 2.0 Litre EJ201 03/99 - 08/03
CH5320	Heater Hose	SUBARU LIBERTY BE, BH 2.0 Litre EJ201 03/99 - 08/03
CH5321	Vacuum Hose	HOLDEN RODEO RA 2.4 Litre Y24SE throttle Body 2006 - 2008
CH5322	PCV Hose	HOLDEN Commodore Statesman VT - WH 3.8 Litre (L36) V6 12V OHV (LPG Only) Inlet Manifold to Mixer 1997 - 2000, HOLDEN Commodore Statesman VX, VU & WH 3.8 Litre (L36) V6 12V OHV (LPG Only) Inlet Manifold to Mixer 2000 - 2002
CH5322	PCV Hose	HOLDEN Commodore Statesman VY-WK 3.8 Litre (L36) V6 12V OHV (LPG Only) Inlet Manifold to Mixer 2002 - 2004
CH5323	Top Hose	HYUNDAI TERRACAN HP 3.5 Litre G6CU 2001 - 2007
CH5324	Bottom Hose	HYUNDAI TERRACAN HP 3.5 Litre G6CU 2001 - 2007
CH5325	Heater Hose	HYUNDAI TERRACAN HP 3.5 Litre G6CU Outlet 2001 - 2007
CH5326	Heater Hose	HYUNDAI TERRACAN HP 3.5 Litre G6CU Inlet 2001 - 2007
CH5328	Bottom Hose	SUZUKI Swift SF 993cc G10A manual trans 1988 - 1994
CH5329	Bottom Hose	SUZUKI Swift SF 993cc G10A auto trans 1988 - 1994
CH5330	Heater Hose	SUZUKI Swift SF 993cc G10A inlet 1988 - 1994
CH5331	Heater Hose	SUZUKI Swift SF 993cc G10A outlet 1988 - 1994
CH5332	Bottom Hose	TOYOTA HiLux Workmate TGN16 2.7 Litre 2TRFE 2005 - 2011



Part No	Location	Application
CH5333	Heater Hose	TOYOTA HiLux Workmate TGN16 2.7 Litre 2TRFE Inlet 2005 - 2011
CH5334	ByPass Hose	TOYOTA HiLux Workmate TGN16 2.7 Litre 2TRFE 2005 - 2011
CH5335	Heater Hose	TOYOTA HiLux Workmate TGN16 2.7 Litre 2TRFE Outlet 2005 - 2011
CH5336	ByPass Hose	FORD KA TA, TB 1.3 Litre BL13 1999 - 2003
CH5337	ByPass Hose	FORD KA TA, TB 1.3 Litre BL13 1999 - 2003
CH5338	Heater Hose	TOYOTA Corolla ZZE123R 1.8 Litre 2ZZGE Outlet 2003 - 2006
CH5339	Heater Hose	TOYOTA Corolla ZZE123R 1.8 Litre 2ZZGE Inlet 2003 - 2006
CH5340	ByPass Hose	TOYOTA Corolla ZZE123R 1.8 Litre 2ZZGE No3 2003 - 2006
CH5341	ByPass Hose	TOYOTA Corolla ZZE123R 1.8 Litre 2ZZGE No2 2003 - 2006
CH5342	Heater Hose	KIA K2700 PU 2.9 Litre J3 Outlet Short 2008 - 2011
CH5343	Heater Hose	KIA K2700 PU 2.9 Litre J3 Inlet Short 2008 - 2011
CH5344	Heater Hose	KIA K2700 PU 2.9 Litre J3 Outlet long 2008 - 2011
CH5345	Bottom Hose	NISSAN PATROL GQ II (Y60) 3.0 Litre Petrol (RB30) pipe to water pump 1989 - 1997
CH5346	Heater Hose	KIA K2700 PU 2.9 Litre J3 Inlet Long 2008 - 2011
CH5347	Top Hose	BMW 320i E46 M52,M54 1998 - 2005
CH5349	Heater Hose	SAAB 9-5 3.0 Litre V6 Turbo 1998 - 2002
CH5351	Top Hose	SUZUKI SX4 RW420 2.0 Litre J20A 2006 - 01/10
CH5352	Bottom Hose	SUZUKI SX4 RW420 2.0 Litre J20A 2006 - 01/10
CH5353	Heater Hose	SUZUKI SX4 RW420 2.0 Litre J20A inlet 2006 - 01/10
CH5354	Heater Hose	SUZUKI SX4 RW420 2.0 Litre J20A outlet 2006 - 01/10
CH5355	Bottom Hose	HOLDEN JACKAROO (Bighorn, Trooper) UBS26 3.5 Litre 6VE1 V6 (Petrol) 1997 - 2004
CH5356	Heater Hose	HONDA ODYSSEY RA 2.2 LITRE F22B6 Inlet Heater to tap 1994 - 1997
CH5357	Heater Hose	HONDA ODYSSEY RA 2.2 LITRE F22B6 Inlet Tap to Engine 1994 - 1997
CH5358	Top Hose	MAZDA Bongo ML 2.4 Litre 4G64 1/2007 - 8/2009
CH5359	Bottom Hose	MAZDA Bongo ML 2.4 Litre 4G64 1/2007 - 8/2009
CH5360	ByPass Hose	MAZDA Bongo ML 2.4 Litre 4G64 1/2007 - 8/2009
CH5361	Heater Hose	MAZDA Bongo ML 2.4 Litre 4G64 Inlet 1/2007 - 8/2009
CH5362	Heater Hose	MAZDA Bongo ML 2.4 Litre 4G64 Outlet 1/2007 - 8/2009
CH5363	Top Hose	MAZDA Bongo ML & MN Chassis KA4 2.5 Litre 4D56T 07/08 - 2011
CH5364	Bottom Hose	MAZDA Bongo ML & MN Chassis KA4 2.5 Litre 4D56T 07/08 - 2011
CH5365	Heater Hose	MAZDA Bongo ML & MN Chassis KA4 2.5 Litre 4D56T Inlet 07/08 - 2011
CH5366	ByPass Hose	HYUNDAI TERRACAN HP 3.5 Litre G6CU 2001 - 2007
CH5367	ByPass Hose	HYUNDAI TERRACAN HP 3.5 Litre G6CU 2001 - 2007
CH5368	ByPass Hose	HYUNDAI TERRACAN HP 3.5 Litre G6CU 2001 - 2007
CH5369	Heater Hose	TOYOTA LANDCRUISER HZJ 80 4.2 Litre 1 HZ Diesel Inlet 1995-1998 1990 - 1998
CH5370	Heater Hose	TOYOTA LANDCRUISER HZJ 80 4.2 Litre 1 HZ Diesel outlet A W/O rear heater 1995-98 1990 - 1998
CH5371	Heater Hose	TOYOTA LANDCRUISER HZJ 80 4.2 Litre 1 HZ Diesel outlet B W/O rear heater 1995-98 1990 - 1998
CH5372	Bottom Hose	TOYOTA HiLux RN85,90, 105, 106, 110,130 2.4 Litre (22R) Pipe to engine 1988 - 1998
CH5373	Heater Hose	MAZDA Bongo NT 3.2 Turbo Diesel 4M41T Inlet 01/2009 - 2011
CH5374	Bottom Hose	LEXUS LS400 UCF20R V8 (1UZ-FE) 11/94 - 07/97
CH5375	Heater Hose	LEXUS LS400 UCF20R V8 (1UZ-FE) inlet tap to engine 11/94 - 07/97
CH5376	Top Hose	SUZUKI LIANA RH418 1.8 Litre M18A 08/04 - 08/07
CH5377	Bottom Hose	SUZUKI LIANA RH418 1.8 Litre M18A radiator to pipe 08/04 - 08/07
CH5378	Heater Hose	SUZUKI LIANA RH418 1.8 Litre M18A inlet 08/04 - 08/07
CH5379	Top Hose	SUZUKI Vitara JB627 2.7 Litre H27A 09/05 - 07/08
CH5380	Bottom Hose	SUZUKI Vitara JB627 2.7 Litre H27A 09/05 - 07/08
CH5381	Bottom Hose	SUZUKI Vitara SQ625 2.5 Litre H25A 1998 - 08/05
CH5382	Heater Hose	SUZUKI Vitara SQ625 2.5 Litre H25A Outlet 1998-2003 1998 - 08/05
CH5383	Heater Hose	SUZUKI Vitara SQ625 2.5 Litre H25A Outlet 2003-05 1998 - 08/05
CH5384	Heater Hose	TOYOTA HiLux GGN15R 4.0 Litre 1GR-FE inlet heater to pipe 2005 - 2013, TOYOTA HiLux GGN25R 4.0 Litre 1GR-FE inlet heater to pipe 2005 - 2013
CH5385	Heater Hose	TOYOTA HiLux GGN25R 4.0 Litre 1GR-FE Inlet pipe to pipe 2005 - 2013, TOYOTA HiLux GGN15R 4.0 Litre 1GR-FE Inlet pipe to pipe 2005 - 2013
CH5386	Heater Hose	TOYOTA HiLux GGN15R 4.0 Litre 1GR-FE Outlet Heater to Pipe 2005 - 2013, TOYOTA HiLux GGN25R 4.0 Litre 1GR-FE Outlet Heater to Pipe 2005 - 2013
CH5387	Heater Hose	TOYOTA HiLux GGN25R 4.0 Litre 1GR-FE Outlet Pipe to Housing 2005 - 2013, TOYOTA HiLux GGN15R 4.0 Litre 1GR-FE Outlet Pipe to Housing 2005 - 2013
CH5388	Heater Hose	TOYOTA LANDCRUISER HZJ 80 4.2 Litre 1 HZ Diesel Inlet 1995-1998 (without metal pipe) 1990 - 1998
CH5389	Bottom Hose	KIA MENTOR Chassis AFC 1.8 Litre 2000 - 2002, KIA MENTOR Chassis AFB 1.8 Litre 1998 - 2002
CH5392	Bottom Hose	KIA SORENTO BL 3.8 Litre 2007 -
CH5393	Top Hose	MERCEDES - BENZ 420SEL W126 4.2 Litre M116 V8 1986 - 1991
CH5394	Top Hose	MAZDA Bongo DELICA PB6W,PD6W,PF6W 3.0 Litre 6G72 5/94 - 12/06
CH5395	Bottom Hose	MAZDA Bongo DELICA PB6W,PD6W,PF6W 3.0 Litre 6G72 5/94 - 12/06
CH5396	Bottom Hose	SUZUKI Vitara SQ420 2.0 Litre J20A 1998 - 2005



Part No	Location	Application
CH5397	Top Hose	CHRYSLER Jeep Cherokee KJ 2.5 Litre Turbo Diesel 2W 2001 - 2003
CH5399	Top Hose	NISSAN Maxima J31 3.5 Litre VQ35DE 12/03 - 3/09
CH5400	Heater Hose	NISSAN Maxima J31 3.5 Litre VQ35DE Inlet 12/03 - 3/09
CH5401	Heater Hose	NISSAN Maxima J31 3.5 Litre VQ35DE Outlet 12/03 - 3/09
CH5402	Top Hose	MAZDA MPV 3.0 Litre JE 1995 -
CH5403	Bottom Hose	MAZDA MPV 3.0 Litre JE 1995 -
CH5404	ByPass Hose	MAZDA MPV 3.0 Litre JE top Housing to Thermostat Housing 1995 -
CH5405	Heater Hose	TOYOTA HiAce RZH 113R 2.4 Litre OHC crankcase vent hose 1990 - 2000, TOYOTA HiAce RZH 103 - RZH125R 2.4 Litre OHC crankcase vent hose 1990 -
CH5406	Heater Hose	TOYOTA HiAce LH125R 2.8 Litre Diesel 3L Inlet E Tap LH 9/93-6/99 1989 - 2004, TOYOTA HiAce RZH 103 - RZH125R 2.4 Litre OHC Inlet E Tap LH Side 8/93-6/99 1990 - , TOYOTA HiAce LH113 2.8 Litre Diesel 3L Inlet E Tap LH 9/93-6/99 1990 - 2004, TOYOTA HiAce RZH 113R 2.4 Litre OHC Inlet E Tap LH Side 8/93-6/99 1990 - 2000, TOYOTA HiAce LH103R 2.8 Litre Diesel Inlet E Tap LH 9/93-6/99 1990 -
CH5407	Heater Hose	TOYOTA HiAce LH103R 2.8 Litre Diesel Inlet LH 7/99-ON 1990 - , TOYOTA HiAce RZH 113R 2.4 Litre OHC Inlet E Tap LH Side 1990 - 2000, TOYOTA HiAce RZH 103 - RZH125R 2.4 Litre OHC Inlet E Tap LH Side 1990 - , TOYOTA HiAce LH113 2.8 Litre Diesel 3L Inlet LH 7/99-ON 1990 - 2004, TOYOTA HiAce LH125R 2.8 Litre Diesel 3L Inlet LH 7/99-ON 1989 - 2004
CH5408	Heater Hose	TOYOTA HiAce RZH 113R 2.4 Litre OHC Inlet C Tap RH 07/99-2005 1990 - 2000, TOYOTA HiAce RZH 103 - RZH125R 2.4 Litre OHC Inlet C Tap RH 07/99-2005 1990 - , TOYOTA HiAce LH103R 2.8 Litre Diesel inlet C tap RH side 7/99-01 1990 - , TOYOTA HiAce LH113 2.8 Litre Diesel 3L inlet C tap RH side 7/99-01 1990 - 2004
CH5409	Heater Hose	TOYOTA HiAce LH103R 2.8 Litre Diesel Outlet LH 7/99-ON 1990 - , TOYOTA HiAce LH125R 2.8 Litre Diesel 3L Outlet LH 7/99-ON 1989 - 2004, TOYOTA HiAce RZH 113R 2.4 Litre OHC Outlet 07/95-2005 1990 - 2000, TOYOTA HiAce RZH 103 - RZH125R 2.4 Litre OHC Outlet 07/95-2005 1990 - , TOYOTA HiAce LH113 2.8 Litre Diesel 3L Outlet LH 7/99-ON 1990 - 2004
CH5410	ByPass Hose	TOYOTA HiAce RZH 113R 2.4 Litre OHC crankcase vent hose 1990 - 2000, TOYOTA HiAce RZH 103 - RZH125R 2.4 Litre OHC crankcase vent hose 1990 - , TOYOTA HiAce LH103R 2.8 Litre Diesel crankcase vent hose 1990 - , TOYOTA HiAce LH113 2.8 Litre Diesel 3L crankcase vent hose 1990 - 2004
CH5411	ByPass Hose	TOYOTA HiAce RZH 113R 2.4 Litre OHC crankcase vent hose 1990 - 2000, TOYOTA HiAce LH113 2.8 Litre Diesel 3L crankcase vent hose 1990 - 2004, TOYOTA HiAce RZH 103 - RZH125R 2.4 Litre OHC crankcase vent hose 1990 - , TOYOTA HiAce LH103R 2.8 Litre Diesel 3L crankcase vent hose 1990 -
CH5412	Heater Hose	HONDA CRV RD7 2.4 Litre K24A Inlet Tap to Heater 2000 - 2007
CH5413	Heater Hose	HONDA CRV RD7 2.4 Litre K24A Inlet Tap to Engine 2000 - 2007
CH5414	Heater Hose	HONDA CRV RD7 2.4 Litre K24A Outlet 2000 - 2007
CH5415	Heater Hose	SUZUKI Vitara JB627 2.7 Litre H27A Inlet 09/05 - 07/08
CH5416	Heater Hose	SUZUKI Vitara JB627 2.7 Litre H27A Outlet 09/05 - 07/08
CH5417	Heater Hose	NISSAN PATROL GQ II (Y60) 3.0 Litre Petrol (RB30) Outlet 1989 - 1997
CH5418	Heater Hose	NISSAN PATROL GQ II (Y60) 3.0 Litre Petrol (RB30) Inlet 1989 - 1997
CH5419	ByPass Hose	KIA SPORTAGE JA523 2.0 Litre FE 8/99 - 6/04
CH5420	Top Hose	TOYOTA PRADO KDJ120R Series 3.0 Litre 1KDFTV Turbo Diesel 2006 - 2009
CH5421	Heater Hose	TOYOTA PRADO KDJ120R Series 3.0 Litre 1KDFTV Turbo Diesel Inlet Pipe to Pipe 2006 - 2009
CH5422	Heater Hose	TOYOTA PRADO KDJ120R Series 3.0 Litre 1KDFTV Turbo Diesel Inlet Pipe to Heater 2006 - 2009
CH5424	Heater Hose	TOYOTA PRADO KDJ120R Series 3.0 Litre 1KDFTV Turbo Diesel Outlet Pipe to Heater 2006 - 2009
CH5425	Heater Hose	DAIHATSU Charade G100 993cc Inlet 1987 - 1993
CH5426	Heater Hose	DAIHATSU Charade G100 993cc outlet 1987 - 1993
CH5427	Heater Hose	DAIHATSU Charade G102 1.3 litre HCE Inlet 4/89 - 1/93
CH5428	Heater Hose	DAIHATSU Charade G102 1.3 litre HCE Outlet 4/89 - 1/93
CH5429	Expansion Tank Hose	NISSAN PATROL GU II & III 3.0 Litre ZD30 Turbo Diesel 2000 -
CH543	Top Hose	MORRIS MINI CLUBMAN 998cc & 1.1 Litre 1971 - 1978, MORRIS MINI DELUXE, COOPER 997 & 998cc 1965 - 1970, MORRIS Model 850, and Mini Minor from Vehicle No.538808 1961 - 1970, MORRIS MINI MOKE 998cc 1976 - 1983, MORRIS 1100 1098cc Eng 1964 - 1971
CH5430	ByPass Hose	SUBARU Forester 2.5 Litre EJ25 pre heater 06-10 6/02 - 2007
CH5431	ByPass	SUBARU IMPREZA G3 2.0 Litre EJ204 pre heater 08/07 - 2013
CH5431	ByPass Hose	SUBARU Forester 2.5 Litre EJ25 pre heater 02-05 6/02 - 2007
CH5432	Top Hose	LEXUS GS300 3.0 Litre 3GRFSE 3/05 - 2012
CH5433	Heater Hose	TOYOTA PRADO RZJ95R 2.7 Litre 4 Cyl 3RZ-FE Inlet Tap to heater 7/96-7/00 1996 - 2002
CH5435	ByPass Hose	TOYOTA HiAce RZH 113R 2.4 Litre OHC crankcase vent hose 1990 - 2000, TOYOTA HiAce RZH 103 - RZH125R 2.4 Litre OHC crankcase vent hose 1990 - , TOYOTA HiAce LH125R 2.8 Litre Diesel 3L crankcase vent hose 1989 - 2004, TOYOTA HiAce LH103R 2.8 Litre Diesel 3L crankcase vent hose 1990 - , TOYOTA HiAce LH113 2.8 Litre Diesel 3L crankcase vent hose 1990 - 2004
CH5436	Top Hose	VOLKSWAGEN Caddy 2K 1.9 Litre BLS Tdi 2006 - 11/10
CH5437	Bottom Hose	VOLKSWAGEN Caddy 2K 1.9 Litre BLS Tdi 2006 - 11/10
CH5438	ByPass Hose	VOLKSWAGEN Caddy 2K 1.9 Litre BLS Tdi Radiator fitting to T Piece 2006 - 11/10
CH5439	Top Hose	CHRYSLER Jeep Grand Cherokee WJ-WG 4.7 Litre V8 Hydraulic Fan 2002 - 2005
CH5440	ByPass Hose	JAGUAR XKE I 4.2 Litre upper 1965 - 1968
CH5441	ByPass Hose	TOYOTA HiAce RCH12 2.4 Litre 2RZE 1999 - 2004, TOYOTA HiAce RCH12 2.4 Litre 2RZE 1995 - 2003
CH5442	Heater Hose	TOYOTA RAV4 GSA33 3.5 Litre 2GRFE Inlet 2007 - 2008
CH5443	ByPass Hose	TOYOTA RAV4 ACA38R 2.4 Litre 2AZ-FE 2006 - 2013, TOYOTA RAV4 ACA33R 2.4 Litre 2AZ-FE 11/05 - , TOYOTA Camry ACV36 2.4 Litre 2AZFE PCV Intake Manifold 2002 - 7/06

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CH5443	ByPass Hose PCV Hose crank case ventilation	TOYOTA CAMRY ACV40R 2.4 Litre 2AZFE 2006 - 2013
CH5444	ByPass Hose	TOYOTA RAV4 ACA33R 2.4 Litre 2AZ-FE 11/05 - , TOYOTA RAV4 ACA38R 2.4 Litre 2AZ-FE 2006 - 2013
CH5445	ByPass Hose	TOYOTA RAV4 GSA33 3.5 Litre 2GRFE recovery bottle to pipe 2007 - 2008
CH5445	ByPass Hose Recovery Bottle to Pipe	TOYOTA RAV4 ACA33R 2.4 Litre 2AZ-FE 11/05 - , TOYOTA RAV4 ACA38R 2.4 Litre 2AZ-FE 2006 - 2013
CH5446	Heater Hose	TOYOTA PRADO RZJ95R 2.7 Litre 4 Cyl 3RZ-FE Inlet Tap to Engine 7/96-05/02 1996 - 2002
CH5447	Heater Hose	TOYOTA PRADO RZJ95R 2.7 Litre 4 Cyl 3RZ-FE Outlet Heater to Pipe 7/96-7/00 1996 - 2002
CH5448	Bottom Hose	TOYOTA PRADO RZJ120 2.7 Litre 4 Cyl 3RZ-FE 10/02 - 08/04
CH5449	Top Hose	FORD Courier PH 4.0 Litre 04 - 2006, MAZDA Bravo BT4000 4.0 Litre >3/2005 2005 - 2006
CH5450	ByPass Hose	VOLKSWAGEN Caddy 2K 1.9 Litre BLS Tdi exhaust Cooler to Flange 2006 - 11/10
CH5451	Top Hose	NISSAN NAVARA D22 CFUD22 3.0 Litre VG30E 06/00 - 06/04
CH5452	Bottom Hose	NISSAN NAVARA D22 CFUD22 3.0 Litre VG30E 06/00 - 06/04
CH5453	Heater Hose	NISSAN NAVARA D22 CFUD22 3.0 Litre VG30E Inlet to 10/01 06/00 - 06/04
CH5454	Heater Hose	NISSAN NAVARA D22 CFUD22 3.0 Litre VG30E Outlet 06/00 - 06/04
CH5455	ByPass Hose	NISSAN NAVARA D22 CFUD22 3.0 Litre VG30E Throttle body Side 06/00 - 06/04
CH5456	Top Hose	SUZUKI Vitara Grand SQ416 1.6 Litre G16B 1998 - 2005
CH5457	Top Hose	SUZUKI JIMNY SN413 JB43V 1.3 Litre M13A 2000 - 2011
CH5458	Bottom Hose	SUZUKI JIMNY SN413 JB43V 1.3 Litre M13A radiator to pipe 2000 - 2011
CH5459	Bottom Hose	SUZUKI JIMNY SN413 JB43V 1.3 Litre M13A pipe to engine 2000 - 2011
CH5460	Heater Hose	SUZUKI JIMNY SN413 JB43V 1.3 Litre M13A Inlet 2000 - 2011
CH5461	Heater Hose	SUZUKI JIMNY SN413 JB43V 1.3 Litre M13A Outlet Pipe to Heater 2000 - 2011
CH5462	Heater Hose	SUZUKI JIMNY SN413 JB43V 1.3 Litre M13A Outlet housing to pipe 2000 - 2011
CH5463	Top Hose	TOYOTA RAV4 ACA38R 2.4 Litre 2AZ-FE 2006 - 2013, TOYOTA RAV4 ACA33R 2.4 Litre 2AZ-FE 11/05 -
CH5464	Heater Hose	TOYOTA RAV4 GSA33 3.5 Litre 2GRFE Outlet 2007 - 2008
CH5465	ByPass Hose	TOYOTA RAV4 ACA38R 2.4 Litre 2AZ-FE engine to pipe 2006 - 2013, TOYOTA RAV4 ACA33R 2.4 Litre 2AZ-FE engine to pipe 11/05 -
CH5466	ByPass Hose	TOYOTA RAV4 ACA38R 2.4 Litre 2AZ-FE engine to radiator 2006 - 2013, TOYOTA RAV4 ACA33R 2.4 Litre 2AZ-FE engine to radiator 11/05 -
CH5467	ByPass Hose	TOYOTA RAV4 GSA33 3.5 Litre 2GRFE recovery bottle to radiator 2007 - 2008
CH5468	Bottom Hose	BMW X5 E53 4.8 Litre N62B48 08/04 - 02/07, BMW X5 E53 4.4 Litre N62B44 01/04 - 02/07
CH5469	Heater Hose	BMW X3 E83 3.0 Litre M54B30 2004 - 11/06
CH5470	Heater Hose	BMW X5 E53 3.0 Litre M54B30 03/01 - 12/03
CH5471	Heater Hose	BMW X5 E53 3.0 Litre M54B30 03/01 - 12/03
CH5472	Top Hose	HOLDEN Commodore Statesman VE -WM Series 2 6. Litre V8 L77 09/10 - 1/13
CH5473	Bottom Hose	HOLDEN Commodore Statesman VE -WM Series 2 6. Litre V8 L77 09/10 - 1/13
CH5474	Top Hose	HOLDEN Combo XC 1.6 Litre Z16SE 09/02 - 04/05
CH5475	ByPass Hose	HOLDEN Combo XC 1.6 Litre Z16SE Throttle body 09/02 - 04/05
CH5476	Bottom Hose	HONDA LEGEND KB 3.5 Litre J35A8 08/06 - 07/08
CH5477	Bottom Hose	HONDA Ridgeline 3.5 Litre V6 2006 - 2008
CH5478	Top Hose	HONDA Ridgeline 3.5 Litre V6 2006 - 2008
CH5479	Bottom Hose	TOYOTA HiLux LN86 2.8 Litre (3L) Diesel (with P/S) 8/91 - 7/97
CH5480	Bottom Hose	TOYOTA HiLux LN86 2.8 Litre (3L) Diesel to engine (with P/S) 8/91 - 7/97
CH5481	Heater Hose	HYUNDAI ACCENT LC, LS 1.6 Litre G4ED Outlet 03/03-03/04 03/03 - 04/06
CH5483	Top Hose	NISSAN PATHFINDER R51 4.0 Litre VQ40DE 07/05 - 05/10, NISSAN NAVARA D40 4.0 Litre VQ40DE 12/05 - 2013
CH5484	Bottom Hose	HOLDEN CAPTIVA CG CD26 3.2 Litre HM V6 10/06 - 2011
CH5485	Heater Hose	HOLDEN CAPTIVA CG CD26 3.2 Litre HM V6 Inlet 10/06 - 2011
CH5486	Heater Hose	HOLDEN CAPTIVA CG Chassis DF26, DD26 2.4 Litre Z24SED Outlet 12/09 - 01/11
CH5487	Top Hose	HOLDEN CAPTIVA CG Chassis DF26, DD26 2.4 Litre Z24SED 12/09 - 01/11
CH5488	Bottom Hose	HOLDEN CAPTIVA CG Chassis DF26, DD26 2.4 Litre Z24SED Radiator to pipe 12/09 - 01/11
CH5489	Top Hose	HOLDEN CAPTIVA CG CD26 3.2 Litre HM V6 10/06 - 2011
CH5490	Heater Hose	HOLDEN CAPTIVA CG CD26 3.2 Litre HM V6 Outlet 10/06 - 2011
CH5494	Bottom Hose	HOLDEN CAPTIVA CG Chassis DF26, DD26 2.4 Litre Z24SED Pipe to water pump 12/09 - 01/11
CH5495	Heater Hose	HOLDEN CAPTIVA CG Chassis DF26, DD26 2.4 Litre Z24SED Inlet 12/09 - 01/11
CH5496	Bottom Hose	NISSAN NAVARA D40 4.0 Litre VQ40DE USA & Export Application 12/05 - 2011
CH5497	Expansion Tank Hose	NISSAN PATROL GU II & III 3.0 Litre ZD30 Turbo Diesel 2000 -
CH5498	Bottom Hose	HOLDEN Captiva CG 2.0 Litre Z20S1 03/07 - 01/11
CH5499	Top Hose	HOLDEN Captiva CG 2.0 Litre Z20S1 03/07 - 01/11
CH5500	Heater Hose	HYUNDAI ACCENT LC, LS 1.6 Litre G4ED Outlet 03/04-04/06 03/03 - 04/06
CH5501	Bottom Hose	HYUNDAI S Coupe 1.5 Litre G4EKM USA & Export Applications 1992 - 1996
CH5502	Bottom Hose	MAZDA B4000 (USA application) 4.0 Litre V6 98-04 1998 - 2010

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CH5503	Bottom Hose	MAZDA B4000 (USA application) 4.0 Litre V6 05-10 1998 - 2010
CH5504	Bottom Hose	MAZDA B2500 (USA application) 2.5 Litre TD 1998 - 2004
CH5505	Heater Hose	HOLDEN Captiva CG 2.0 Litre Z20S1 inlet 03/07 - 01/11
CH5506	ByPass Hose	HOLDEN Captiva CG 2.0 Litre Z20S1 water pump to pipe 03/07 - 01/11
CH5507	Bottom Hose	HOLDEN Combo XC 1.6 Litre Z16SE pipe to water pump 09/02 - 04/05
CH5508	ByPass Hose	DAEWOO Nubira J100, J150 2 Litre X20SED DOHC Throttle Body Return 1999 - 2003
CH5509	Heater Hose	TOYOTA Corolla AE90-92-93-94 1.4, 6AFC, 1.6 Litre 4AFC, 4AFE outlet core to engine 1987 - 1994, HOLDEN NOVA LE:LF 1.4, 6AFC, 1.6 Litre 4AFC, 4AFE outlet core to engine 1987 - 1994
CH5510	ByPass Hose	HOLDEN COLORADO RC TFS85, TFR85 3.0 Litre 4JJ1TC LHS Pipe to Engine 7/08 - 2011, ISUZU D-MAX TF TFS85, TFR85 3.0 Litre 4JJ1 LHS Pipe to Engine 10/08 - 2013, HOLDEN RODEO RA TFS85, TFR85 2 & 4WD 3.0 Litre 4JJ1 Diesel LHS Pipe to Engine 2007 - 2008
CH5511	ByPass Hose	HOLDEN COLORADO RC TFS85, TFR85 3.0 Litre 4JJ1TC 7/08 - 2011, ISUZU D-MAX TF TFS85, TFR85 3.0 Litre 4JJ1 10/08 - 2013, HOLDEN RODEO RA TFS85, TFR85 2 & 4WD 3.0 Litre 4JJ1 Diesel 2007 - 2008
CH5512	ByPass Hose	HOLDEN COLORADO RC TFS85, TFR85 3.0 Litre 4JJ1TC Thermostat to turbo coolant pipe 7/08 - 2011, HOLDEN RODEO RA TFS85, TFR85 2 & 4WD 3.0 Litre 4JJ1 Diesel Thermostat to turbo coolant pipe 2007 - 2008, ISUZU D-MAX TF TFS85, TFR85 3.0 Litre 4JJ1 Thermostat to turbo coolant pipe 10/08 - 2013
CH5513	ByPass Hose	HOLDEN COLORADO RC TFS85, TFR85 3.0 Litre 4JJ1TC 7/08 - 2011, ISUZU D-MAX TF TFS85, TFR85 3.0 Litre 4JJ1 10/08 - 2013, HOLDEN RODEO RA TFS85, TFR85 2 & 4WD 3.0 Litre 4JJ1 Diesel 2007 - 2008
CH5514	Heater Hose	HOLDEN Captiva CG 2.0 Litre Z20S1 outlet 03/07 - 01/11
CH5515	Bottom Hose	HYUNDAI ACCENT MC 1.6 Litre G4ED 05/06 - 01/10
CH5516	Heater Hose	TOYOTA LANDCRUISER FZJ80 4.5 Litre 1FZ-FE Inlet Heater Tap 11/92 - 02/98
CH5517	Bottom Hose	MAZDA B2300 (USA application) 2.3 Litre Petrol 01-05 01 - 10
CH5518	Heater Hose	HYUNDAI ACCENT MC 1.6 Litre G4ED Outlet 05/06 - 01/10
CH5519	Bottom Hose	MAZDA B2300 (USA application) 2.3 Litre Petrol 05-06 01 - 10
CH552	Top Hose	INTERNATIONAL AB110,A120(4x4), AB130,AB148,AB160(4x4) 1963 - 1966, INTERNATIONAL C1300 1966 - 1969
CH5520	Bottom Hose	BMW X3 E83 3.0 Litre M54B30 2004 - 11/06
CH5521	Bottom Hose	BMW X5 E53 3.0 Litre M54B30 2001 - 02/07
CH5522	Top Hose	FORD FOCUS LS,LT,LV 2.0 Litre HE 05/05 - 06/11
CH5523	Bottom Hose	FORD FOCUS LS,LT,LV 2.0 Litre HE 05/05 - 06/11
CH5524	ByPass	FORD FOCUS LS,LT,LV 2.0 Litre HE hose under manifold 05/05 - 06/11
CH5526	ByPass Hose	BMW 323i E21 2.3 Litre M20B23 water pump to thermostat 06/1979 - 10/1983
CH5527	Heater Hose	BMW 323i E21 2.3 Litre M20B23 Outlet 06/1979 - 10/1983
CH5528	Expansion Tank Hose	DAEWOO Nubira J100, J150 2 Litre X20SED DOHC pipe to surge tank 1999 - 2003
CH5529	ByPass Hose Throttle Body Feed	DAEWOO Nubira J100, J150 2 Litre X20SED DOHC Throttle Body Feed 1999 - 2003
CH5530	Heater Hose	TOYOTA LANDCRUISER FZJ80 4.5 Litre 1FZ-FE outlet engine side with rear heater 11/92 - 02/98
CH5531	Heater Hose	TOYOTA LANDCRUISER FZJ80 4.5 Litre 1FZ-FE Outlet Engine side without rear heater 11/92 - 02/98
CH5532	Heater Hose	NISSAN PATHFINDER R51 4.0 Litre VQ40DE Outlet 07/05 - 05/10
CH5532	Heater Hose Outlet	NISSAN NAVARA D40 4.0 Litre VQ40DE 12/05 - 2013
CH5533	Heater Hose	NISSAN NAVARA D40 4.0 Litre VQ40DE Inlet 12/05 - 2013, NISSAN PATHFINDER R51 4.0 Litre VQ40DE Inlet 07/05 - 05/10
CH5534	Top Hose	HYUNDAI ACCENT MC 1.6 Litre G4ED 05/06 - 01/10
CH5535	Heater Hose	HYUNDAI ACCENT MC 1.6 Litre G4ED Inlet 05/06 - 01/10
CH5536	Heater Hose	TOYOTA PRADO KDJ120R Series 3.0 Litre 1KDFTV Turbo Diesel Outlet pipe to pipe 2006 - 2009
CH5537	Top Hose	HONDA LEGEND KB 3.5 Litre J35A8 08/06 - 07/08
CH5538	ByPass Hose	VOLKSWAGEN Caddy 2K 1.9 Litre BLS Tdi oil cooler to water pipe 2006 - 11/10
CH5539	Engine Oil Hose	FORD Falcon / Fairlane BA 4.0 Litre (6Cyl) Turbo Oil Cooler Outlet 9/2002 - 2005, FORD Falcon / Fairlane BF Turbo 4.0 Litre (6Cyl) Oil Cooler Outlet 10/05-on 9/2005 -
CH5540	Heater Hose	MITSUBISHI STARWAGON L400 WA 2.4 Litre 4G64 Heater to pipe 1994 - 2003
CH5541	Heater Hose	MITSUBISHI STARWAGON L400 WA 2.4 Litre 4G64 recovery bottle to pipe 1994 - 2003
CH5542	Heater Hose	MITSUBISHI STARWAGON L400 WA 2.4 Litre 4G64 Heater to tap 1994 - 2003
CH5543	Heater Hose	MITSUBISHI STARWAGON L400 WA 2.4 Litre 4G64 T piece to T piece 1994 - 2003
CH5544	Heater Hose	MITSUBISHI STARWAGON L400 WA 2.4 Litre 4G64 heater to pipe 1994 - 2003
CH5545	Heater Hose	MITSUBISHI STARWAGON L400 WA 2.4 Litre 4G64 T piece to T/H pipe 1994 - 2003
CH5546	Heater Hose	MITSUBISHI STARWAGON L400 WA 2.4 Litre 4G64 tap to T piece 1994 - 2003
CH5547	ByPass Hose	MITSUBISHI STARWAGON L400 WA 2.4 Litre 4G64 Throttle body return 1994 - 2003
CH5548	Top Hose	HONDA Accord Euro CL 2.4 Litre K24A 2002 - 05/08
CH5549	Bottom Hose	HONDA Accord Euro CL 2.4 Litre K24A 2002 - 05/08
CH5550	ByPass Hose	HONDA Accord Euro CL 2.4 Litre K24A Inlet 2002 - 05/08
CH5551	ByPass Hose	HONDA Accord Euro CL 2.4 Litre K24A throttle body inlet 2002 - 05/08
CH5552	ByPass Hose	HONDA Accord Euro CL 2.4 Litre K24A Throttle Body Outlet 2002 - 05/08



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CH5553	ByPass Hose	HONDA Accord Euro CL 2.4 Litre K24A Oil Cooler Outlet 2002 - 05/08
CH5554	ByPass Hose	HONDA Accord Euro CL 2.4 Litre K24A Oil Cooler Inlet 2002 - 05/08
CH5555	Heater Hose	HONDA Accord Euro CL 2.4 Litre K24A inlet (A) engine to tap 2002 - 05/08
CH5556	Heater Hose	HONDA Accord Euro CL 2.4 Litre K24A Inlet (B) Tap to Core 2002 - 05/08
CH5557	Heater Hose Outlet core to engine	HONDA Accord Euro CL 2.4 Litre K24A 2002 - 05/08
CH5558	Top Hose	FORD Falcon / Fairlane FG 4.0 Litre (6Cyl) Barra 195 2008 - 2013
CH5559	Top Hose	FORD Falcon / Fairlane FG 5.4 Litre Boss 290 V8 & 5.0 Litre Boss 315 5/08 - 9/11
CH5560	Bottom Hose	FORD Falcon / Fairlane FG 5.4 Litre Boss 290 V8 & 5.0 Litre Boss 315 5/08 - 9/11
CH5561	Expansion Tank Hose	FORD Falcon / Fairlane FG 4.0 Litre (6Cyl) Barra 195 supply tank to radiator 2008 - 2013
CH5562	Heater Hose	FORD Falcon / Fairlane FG 4.0 Litre (6Cyl) Barra 195 upper with T piece 2008 - 2013
CH5563	Heater Hose	FORD Falcon / Fairlane FG 5.4 Litre Boss 290 V8 & 5.0 Litre Boss 315 Lower 5/08 - 9/11
CH5564	ByPass Hose	FORD Falcon / Fairlane FG 4.0 Litre (6Cyl) Barra 195 Auto Trans Cooler to Block(Coolant Hose) Non Turbo 2008 - 2013
CH5565	ByPass Hose	FORD Falcon / Fairlane FG 4.0 Litre (6Cyl) Barra 195 Pipe to Auto Trans Cooler(Coolant Hose) Non Turbo 2008 - 2013
CH5566	ByPass Hose	FORD Falcon / Fairlane FG 4.0 Litre (6Cyl) Barra 195 E-Gas/ECO LPG & Petrol Turbo (Engine Oil Cooler to Auto Trans Cooler (Coolant Hose)) 2008 - 2013
CH5567	ByPass Hose	FORD Falcon / Fairlane FG 4.0 Litre (6Cyl) Barra 195 E-Gas/ECO LPG & Petrol Turbo Pipe to Engine Oil Cooler (Coolant Hose) 2008 - 2013
CH5568	ByPass Hose	FORD Falcon / Fairlane FG 4.0 Litre (6Cyl) Barra 195 E-Gas/ECO LPG & Petrol Turbo Engine Oil Cooler to Block Manual Trans (Coolant Hose) 2008 - 2013
CH5569	Engine Oil Hose	FORD Falcon / Fairlane FG 5.4 Litre Boss 290 V8 & 5.0 Litre Boss 315 Crank Case Ventilation 5/08 - 9/11
CH5571	Top Hose	MAZDA B3000 BT-50 3.0 Litre Turbo Diesel Temp Sender to transfer pipe (cut to Length) 2008 -
CH5572	Bottom Hose	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
CH5573	ByPass Hose	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
CH5574	ByPass Hose	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
CH5575	Heater Hose	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
CH5576	Heater Hose	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
CH5577	Top Hose	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
CH5578	Bottom Hose	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
CH5579	Heater Hose	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
CH5580	Heater Hose	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
CH5616	Top Hose	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
HH102	ByPass Hose	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
HH10TWX2	Vent Hose	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
HH10TWx20	Hose	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
HH1272	ByPass Hose	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
HH1592	ByPass Hose	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
HH1592	ByPass Hose Temp sender to transfer pipe (cut to length)	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
HH1592	Heater Hose	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
HH1592	Heater Hose Inlet A 125mm	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
HH1592	Heater Hose Inlet B 400MM	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
HH1592	Heater Hose Outlet A 260mm	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
HH1592	Heater to Engine	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
HH192	Heater Hose	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
HH82	ByPass	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
HH82	ByPass Hose	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
HH82	ByPass Hose # 1 8x270mm	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11
HH82	ByPass Hose # 10 8 x 130mm	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 11/06 - 10/11, FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel 1/07 - 08/11

Part No	Location	Application
HH82	ByPass Hose 1 Cut to Length	TOYOTA Corolla AE82 1.6 Litre 4AGE 1/86 - 12/88
HH82	ByPass Hose 2 Cut to Length	TOYOTA Corolla AE82 1.6 Litre 4AGE 1/86 - 12/88
HH82	ByPass Hose 8mm cut to length	TOYOTA Echo NCP10-12 1999 - , TOYOTA Echo NCP10-12 1999 -
HH82	Engine to Throttle body	TOYOTA Camry SV21 2.0 Litre Cut to Length 1987 - 6/89
HH82	Hose Carburettor Water	MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel Thermostat housing to Turbo Water Pipe (cut to length) 11/06 - 10/11, MAZDA B3000 BT-50 3.0 Litre Turbo Diesel Thermostat housing to transfer pipe (cut to length) 2008 - , FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel Thermostat housing to Turbo Water Pipe (cut to length) 1/07 - 08/11
HH82	Thermostat Outlet	MAZDA 626 GC 2.0 Litre FE cut to size 1983 - 1987, FORD Telstar AR - AS 2.0 Litre cut to size 1983 - 1987, NISSAN PATROL GU (Y61) 4.5 Litre OHV TB45 Petrol 3 way pipe to throttle body (Cut to Length) 12/97 - 4/00, MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel Thermostat housing to Turbo Water Pipe (cut to length) 11/06 - 10/11, MAZDA B3000 BT-50 3.0 Litre Turbo Diesel Thermostat housing to transfer pipe (cut to length) 2008 - , FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel Thermostat housing to Turbo Water Pipe (cut to length) 1/07 - 08/11
HH82	Throttle Body to adaptor	MAZDA 626 GC 2.0 Litre FE cut to size 1983 - 1987, FORD Telstar AR - AS 2.0 Litre cut to size 1983 - 1987, NISSAN PATROL GU (Y61) 4.5 Litre OHV TB45 Petrol 3 way pipe to throttle body (Cut to Length) 12/97 - 4/00, MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel Thermostat housing to Turbo Water Pipe (cut to length) 11/06 - 10/11, MAZDA B3000 BT-50 3.0 Litre Turbo Diesel Thermostat housing to transfer pipe (cut to length) 2008 - , FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel Thermostat housing to Turbo Water Pipe (cut to length) 1/07 - 08/11
HH82	Water Hose	TOYOTA Tarago TCR 10 -11 -20 -21 2.4 Litre 2TZFE 1990-11/93 Outlet to Engine 8x 130mm 1990 - 2000
HH82	Water Intake pipe to connector	MAZDA 626 GC 2.0 Litre FE cut to size 1983 - 1987, FORD Telstar AR - AS 2.0 Litre cut to size 1983 - 1987, NISSAN PATROL GU (Y61) 4.5 Litre OHV TB45 Petrol 3 way pipe to throttle body (Cut to Length) 12/97 - 4/00, MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel Thermostat housing to Turbo Water Pipe (cut to length) 11/06 - 10/11, MAZDA B3000 BT-50 3.0 Litre Turbo Diesel Thermostat housing to transfer pipe (cut to length) 2008 - , FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel Thermostat housing to Turbo Water Pipe (cut to length) 1/07 - 08/11
OFH801	Radiator to Reservoir	TOYOTA Camry SV21 2.0 Litre Cut to Length 1987 - 6/89, HYUNDAI EXCEL 1.5 Litre (G4AJ) From 11/83 cut to length 1986 - 1989, HYUNDAI EXCEL 1.5 Litre (G4AJ) to 11/86 cut to length 1986 - 1989
OFH801	Radiator to Reservoir Cut to Length	DAIHATSU Rocky 2.8 Litre Diesel -
SHW32	Pipe 1 to Engine	TOYOTA Corolla AE101R 1.6 Litre (4A-FE) cut to length 70mm 1994 - 1998
SHW32	Pipe 1 to Engine cut to length 70mm	TOYOTA Corolla AE102 1.8 Litre (7AFE Eng) 1994 - 1997
SHW7X1	ByPass Hose	MAZDA 626 GC 2.0 Litre FE cut to size 1983 - 1987, FORD Telstar AR - AS 2.0 Litre cut to size 1983 - 1987, NISSAN PATROL GU (Y61) 4.5 Litre OHV TB45 Petrol 3 way pipe to throttle body (Cut to Length) 12/97 - 4/00, MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel Thermostat housing to Turbo Water Pipe (cut to length) 11/06 - 10/11, MAZDA B3000 BT-50 3.0 Litre Turbo Diesel Thermostat housing to transfer pipe (cut to length) 2008 - , FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel Thermostat housing to Turbo Water Pipe (cut to length) 1/07 - 08/11
SHW9.5x2	Hose	MAZDA 626 GC 2.0 Litre FE cut to size 1983 - 1987, FORD Telstar AR - AS 2.0 Litre cut to size 1983 - 1987, NISSAN PATROL GU (Y61) 4.5 Litre OHV TB45 Petrol 3 way pipe to throttle body (Cut to Length) 12/97 - 4/00, MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel Thermostat housing to Turbo Water Pipe (cut to length) 11/06 - 10/11, MAZDA B3000 BT-50 3.0 Litre Turbo Diesel Thermostat housing to transfer pipe (cut to length) 2008 - , FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel Thermostat housing to Turbo Water Pipe (cut to length) 1/07 - 08/11
TPH1002	Power Steering	HOLDEN Commodore Statesman VT - WH 5.0 Litre V8 Return pipe to cooler inlet from 18/03/99 cut to 950mm 1997 - 2000
TPH802	Power Steering Hose	HOLDEN Commodore Statesman VP - VQ Series II 5.0 Litre V8 (cut to Length) 1991 - 1994
TPH802	Power Steering Hose (cut to Length)	HOLDEN Commodore Statesman VR - VQ Series II 3.8 Litre V6 1994 - 1995
ZHB6	Reservoir Overflow	TOYOTA Camry VZV21 2.5 Litre 8/88 - 2/93
ZHB8	ByPass Hose	MAZDA 626 GC 2.0 Litre FE cut to size 1983 - 1987, FORD Telstar AR - AS 2.0 Litre cut to size 1983 - 1987, NISSAN PATROL GU (Y61) 4.5 Litre OHV TB45 Petrol 3 way pipe to throttle body (Cut to Length) 12/97 - 4/00, MAZDA BT-50 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel Thermostat housing to Turbo Water Pipe (cut to length) 11/06 - 10/11, MAZDA B3000 BT-50 3.0 Litre Turbo Diesel Thermostat housing to transfer pipe (cut to length) 2008 - , FORD RANGER PJ-PK 2.5 Litre (WLAT) & 3.0 Litre (WEAT) Turbo Diesel Thermostat housing to Turbo Water Pipe (cut to length) 1/07 - 08/11
ZHB8	Water Outlet to Pipe1 cut to Length	TOYOTA Camry VZV21 2.5 Litre 8/88 - 2/93

# Mackay Automotive Hose Catalogue 2013

## OEM To Mackay Cross Reference



Section 4,  
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OEM No	Mackay No	OEM No	Mackay No	OEM No	Mackay No	OEM No	Mackay No	OEM No	Mackay No
120	11-6081	627310	CH3819	1818202	CH4002	4121703	CH2860	4968434	CH3874
189	11-6050	627311	CH3818	1818324	CH3999	4121802	CH2864	5058033	CH758
192	11-6072	636590	CH657	1818334	CH4000	4140546	11-2892	5191119	CH5103
223	11-6075	679082	11-2399	2130713	CH3514	4140547	11-2891	5194261	CH5104
292	11-6070	679810	11-2153	2150100	CH3236	4151517	CH901	5200681	CH596
348	11-6074	680844	11-2435	2150101	CH2544	4157886	CH2144	5200810	CH595
425	11-6071	680872	11-2486	2150105	CH3235	4157887	CH2145	5220681	CH596
21106	11-5972	686097	CH1903	2150151	CH3186	4158619	CH1496	5220724	CH595
21159	CH3457	687141	CH1034	2150155	CH3238	4158620	CH1495	5220724	CH595
60971	11-6080	810431	11-2036	2150157	CH3189	4165386	11-0594	5220810	CH595
61606	11-6073	837227	11-3133	2150178	CH3234	4165676	11-4669	5220810	CH595
62183	11-6077	837228	11-3131	2150185	CH2239	4165770	11-0593	5220810	CH595
73191	CH1902	837229	11-3132	2150301	CH2523	4169585	11-3143	5221265	CH753
101571	11-2619	838219	CH5031	2150305	CH3150	4172870	11-3138	5221266	CH754
101571	CH5011	943370	CH1908	2150351	CH3149	4178589	CH2637	5320544	CH5046
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105598	CH4188	993412	CH936	2150357	CH3151	4216049	11-3140	5320650	CH5102
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108422	CH4311	1218310	CH1913	2150368	CH1678	4221703	CH2863	5325626	CH4898
108906	11-0311	1218594	11-0482	2150380	CH3147	4225808	CH2639	5326780	CH5101
129936	11-2035	1236178	CH4413	2150385	CH2240	4227245	11-3141	5326848	CH5099
129936	CH5011	1236179	CH4414	2150438	11-3790	4255909	CH1497	5329008	CH4897
130038	CH5010	1257264	CH4450	2150462	CH1677	4266271	11-2893	5403554	11-2153
131758	CH3989	1257347	CH4445	2277632	CH585	4266281	11-2959	5923248	CH4313
131759	CH3990	1257365	CH4449	2285517	CH781	4266298	11-2894	5974161	CH2446
131760	CH3991	1257992	11-3092	2465085	CH784	4266345	11-2890	6266590	CH657
133309	CH4887	1257992	CH4432	2465801	CH668	4267814	11-1540	6310741	11-1626
134310	CH563	1266637	11-2863	2465803	CH669	4267814	CH4592	6310742	11-1646
134310	CH563	1271442	CH1911	2627229	CH885	4284303	CH4318	6336021	CH4122
134325	CH563	1274902	CH2385	2694738	CH892	4284311	CH2865	6366590	CH657
134334	CH2351	1276378	11-4789	2694738	CH892	4284436	CH2868	6384828	CH626
134340	CH1894	1306161	11-4790	2794561	CH783	4286635	CH2421	6818182	CH4146
134353	CH5238	1306729	11-5994	2794562	CH782	4300971	CH2638	6818205	CH4048
134696	11-1308	1306931	CH4407	2794563	CH781	4301394	CH2349	6818515	CH4046
135027	CH2361	1317334	CH1910	2794563	CH781	4301518	11-3139	6842129	CH2363
135032	CH1059	1317336	11-4788	2794564	CH780	4302765	11-3142	6842167	CH4442
135044	CH2328	1317667	11-3792	2805211	CH822	4324140	11-1703	6842428	CH4315
135046	CH2327	1326834	CH1904	2805685	CH899	4324141	11-1982	6842894	CH4319
135065	CH1893	1335433	CH4314	2805686	CH900	4324227	CH5013	7075667	CH658
135104	CH2705	1335435	CH4559	2808430	CH4456	4324228	11-1700	7184487	CH776
135151	CH2681	1336080	11-6002	2809898	CH881	4338464	11-1759	7184510	CH848
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158289	CH5174	1337106	CH4005	2820472	CH942	4396609	11-1704	7433805	CH797
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246589	CH1909	1337233	CH4056	3423356	CH850	4397659	CH3878	7438562	CH791
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273191	CH1901	1337289	CH3903	3423359	CH851	4424809	CH4310	7447905	CH777
273193	CH4454	1337322	CH4229	3423360	CH852	4427087	11-3116	7447907	CH779
273194	CH4455	1337380	CH4004	3507412	CH2490	4427088	11-3115	7449844	CH819
273237	CH1029	1337381	CH4003	3507413	CH4292	4482741	CH4899	7482953	11-6023
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273789	CH520	1337383	CH4120	3514517	CH2369	4546723	CH2149	7511090	CH2674
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281224	CH1383	1337391	CH3905	3514990	CH2418	4592077	CH4736	7513435	CH2379
362300	CH3441	1337397	CH4118	3517871	11-6009	4592105	CH5132	7520018	CH2175
428619	CH2420	1337463	CH2187	3517871	CH4560	4633061	CH1113	7540420	CH2355
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460585	CH1524	1337557	CH4054	3545252	CH1122	4682237	CH3282	7545544	CH2403
460617	CH5133	1337563	CH4115	3547147	CH4288	4682398	CH2309	7546161	CH2373
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463307	CH2505	1337574	CH4055	3547919	CH4558	4729943	CH3881	7548837	CH2337
463524	CH1906	1337582	CH4050	3754915	CH451	4756706	CH5091	7551187	CH2383
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463805	CH2994	1337601	CH4168	3807129	CH1055	4809417	CH2226	7554025	CH2422
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464015	CH1159	1346495	11-4784	3809775	CH901	4876215	CH2640	7576663	CH2332
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464970	CH2206	1346540	11-4786	3883661	CH1057	4876298	CH2541	7747905	CH777
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574871	CH520	1378849	CH2400	4027785	11-4663	4876371	CH2787	8114034	11-2039
577344	CH995	1378850	CH2401	4029153	CH4364	4876389	CH2866	8339368	11-1561
577346	CH994	1397546	CH4287	4060954	CH1137	4876397	CH2862	8382871	11-1565
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611725	CH3821	1405685	CH2283	4066432	CH1146	4876611	CH2675	8577300	11-0598
611726	CH3820	1494458	CH828	4066433	CH1145	4876645	CH3889	8813367	CH892
622141	CH3819	1517422	CH1143	4068066	CH1132	4876652	CH2772	8976912	11-5999
622158	CH3818	1784177	CH3870	4112318	11-2051	4899449	CH3883	9023968	CH1546
623284	CH3821	1785463	CH2074	4120366	CH2247	4961363	CH3873	9044475	CH4235
623285	CH3820	1818159	CH4001	4121695	CH4393	4964789	CH3884	9103201	CH4391

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OEM No	Mackay No	OEM No	Mackay No	OEM No	Mackay No	OEM No	Mackay No	OEM No	Mackay No
9128354	CH4170	15160996	CH4605	55560445	CH4840	92001129	CH1165	92050721	CH4045
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9128757	CH4925	15179498	CH4498	55560463	CH4841	92001131	CH1173	92050801	CH2275
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9128807	CH4055	15263236	CH5081	56121053	11-1127	92004459	CH1172	92052480	CH1779
9129128	CH5031	15294028	CH5049	58121055	11-3563	92006066	CH1253	92052780	CH1779
9129248	CH4046	15294029	CH5050	60723019	CH3924	92006067	CH1254	92052780	CH4947
9135267	CH4290	15565359	CH3272	60728484	CH3925	92006068	CH1251	92053082	CH2254
9142043	CH4316	15659482	CH3276	63121055	11-2625	92006069	CH1252	92055415	CH2814
9142056	11-4787	15659484	CH3277	70615185	CH877	92006109	CH1250	92055416	CH2812
9149071	CH3880	15659486	CH3175	70615186	CH1058	92008479	CH1247	92055523	CH3538
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9158676	CH4121	15659615	CH3180	71249941	CH1063	92011939	CH1337	92055623	CH2808
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# Mackay Automotive Hose Catalogue 2013

## OEM To Mackay Cross Reference



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# Mackay Automotive Hose Catalogue 2013

## OEM To Mackay Cross Reference



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92233975	CH5202	9241103N05	CH2911	99078AA073	CH4158	AKM5414	CH1695	B25D61212A	CH2957
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92233977	CH4227	92411VB220	CH2951	AB007725	CH1132	AKM5417	CH1696	B26061211B	CH1954
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92400ED800	CH4166	96184864	CH5288	AKM5193	CH967	AW319689	CH2776	BA18K579A	CH3327
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9240103N05	CH2913	96838147	CH5499	AKM5214	CH1106	AW325748	CH2720	BA8A520B	CH5232
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OEM To Mackay Cross Reference



OEM No	Mackay No	OEM No	Mackay No	OEM No	Mackay No	OEM No	Mackay No	OEM No	Mackay No
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BG8260B	CH5559	CBC4723	CH2899	ER8W005A	CH2477	GRH245	CH604	JE9615189B	CH3268
BG8286B	CH5560	CBC4838R	11-5975	ERC2278	CH5167	GRH246	CH226	JF0115189	CH4792
BG8A365A	CH5561	CBC4907	11-4238	ERC2279	CH5170	GRH250	CH662	JF0315185B99	CH3263
BHH1693	11-2227	CBC5150	CH4443	ERR4388	CH2995	GRH262	CH642	JF0315186AAUS	CH3262
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BP0115261	CH3658	CBC8771	11-4245	F0JY8186A	CH1851	GRH293	CH391	K8011518X	CH5146
BP0513691	CH4220	CCC3844	11-4246	F1VY18472A	CH3279	GRH305	CH330	KF3315185C	CH2926
BP2615185	CH1797	CCC4723	CH4409	F20115185A	CH1732	GRH314	11-2207	KF3315186A	CH2907
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BPD715186B	CH4853	CHA603	CH4333	F2AZ28260A	CH3451	GRH386	CH4106	KJ0115185	CH4337
BPE815186	CH4344	CY011518XC	CH4985	F2SZ8286A	CH3454	GRH387	CH4106	KJ0115186	CH3679
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BR866124XA	CH1965	D37561211A	CH4803	F58Z8260A	CH4601	GRH393	CH5007	KKYO161211B	CH1950
C11579	CH4423	D37561212B	CH4798	F5AZ18472A	CH3274	GRH442	CH1461	KKYO161212A	CH1951
C14999	11-4012	D3RY8260A	11-1850	F5TZ8260C	CH2193	GRH452	CH1462	KL0515185B	CH1958
C15099	CH4410	D3RY8286B	11-1855	F5TZ8286D	CH2194	GRH453	CH5011	KL0515185B,	CH1958
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C17779	CH4394	D4RY8286C	11-1853	F77Z8286AB	CH2192	GRH498	CH2350	KL0515186,	CH1952
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C21489	11-5973	E1126124XC	CH3196	F80113342A	CH2106	GRH513	CH4325	KL4715185	CH3636
C21499	11-5977	E1126124YB	CH3261	F80115165	11-2136	GRH523	CH5006	KL4715186	CH3690
C23865	11-2179	E1146124XE	CH3035	F80115185	CH1458	GRH524	CH5005	KL4715260	CH3685
C23868	11-2185	E1146124YA	CH3036	F801151850	11-2135	GRH525	CH4336	KL415185	CH4349
C24578	11-5976	E11462124XE	CH3035	F80115186	CH1457	GRH533	CH4324	KM1896	CH3455
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C24579	CH4439	E30115186B	CH1291	F82A151686B	CH5143	GRH539	CH4279	KM2861	CH3461
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C24604	11-2626	E33115186	CH1501	F85015186C99	CH2141	GRH541	CH4462	KM3269	CH4600
C26853	11-4421	E3SZ8286A	CH3286	F85015186D	CH5161	GRH544	11-1643	KM3311	CH3678
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C28163	CH4596	E7AZ18472E	CH3030	F87Z8286CA	CH5504	GRH545	CH5078	KM4593	CH4500
C2819	CH2589	E7AZ8260A	CH3464	F8AZ8260AB	CH3677	GRH5462	CH226	KM4822	CH4943
C2819V	CH2588	E7TZ8260A	CH2308	F8B115537	ZHB8	GRH547	11-3436	KM4824	CH4946
C28964	11-0573	E7TZ8286A	CH2210	FE0115104A	CH2104	GRH548	11-3437	KM4825	CH4942
C28964/2	CH825	E9JY8260A	CH1755	FE0515104B	CH2173	GRH550	CH1005	KM4895	CH4999
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C31510	CH824	E9TZ8260G	CH2214	FE6515186	CH1729	GRH560	CH1103	KM4960	CH4944
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C37156	CH4562	EA18472B	CH1624	FE65151860	CH4309	GRH573	11-3128	KM5009	CH717
C37405	CH1039	EA18472C	CH1625	FE8515185	CH1730	GRH583	11-3433	KM5011	CH717
C41019	11-3134	EA18472G	CH1626	FQJY8260A	CH1956	GRH584	CH4280	KM5013	CH803
C41089	11-3553	EA18472H	CH1627	FQJY8286A	CH1851	GRH587	CH1881	KM5015	CH800
C41090	11-5961	EA18472H	CH1627	FP4715185B	CH2821	GRH588	11-1575	KM5023	CH718
C41092	11-5962	E8A8A365A	CH1622	FP4715185C	CH3432	GRH588	CH1882	KM5024	CH720
C41093	11-3887	EAC1301	11-3658	FP4715186C	CH2948	GRH592	CH4564	KM5030	CH482
C410962	11-6108	EAC1301	CH4452	FS0115288A	CH2826	GRH599	CH5004	KM5068	CH794
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C41353	CH4437	EB18472A	CH1792	FSM115185A99	CH2622	GRH624	CH4281	KM5086	CH962
C41355	11-2924	EB18472B	CH1793	FSM115186C	CH3424	GRH626,CAC2328	CH4312	KM5087	CH821
C41356	CH1889	EC18472A	CH1799	FYT28286G	CH2511	GRH628	CH4277	KM5088	CH959
C41373	CH1883	EC18472B	CH1800	G03061212A	CH1861	GRH661	CH5003	KM5089	CH920
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C43627	11-3418	ED18472G	CH1626	G31A61212A	CH3841	GY011518YB	CH4987	KM640	CH998
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CAC2328	11-2922	EF18C266A	CH1946	G62013682A	CH2568	HE0115186	CH1778	L33L1518X	CH4623
CAC2646	CH4479	EF6853B	CH2456	G62915536B	CH3382	HE19151850	CH1460	L33L1520Z	CH4622
CAC2917	CH1885	EF8260A	CH1944	G6B861211	CH1948	HG3061214A	CH3267	L33M1518YC	CH4982
CAC4251/1	CH1888	EF8260A	CH1944	G6B861212A	CH1949	HW208773	11-4874	L33X15186A	CH4993
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CAC45722	11-6014	EF8286B	CH1945	GA7N61212A	CH1959	JC41094	CH824	L3B81518YC	CH5226
CAC4605/1	11-4157	EF8286B	CH1945	GE7761211C	CH3427	JCMB221924	CH2591	L3G615260A	CH5264
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CAC46052	CH4417	EFA8A365A	CH2160	GHR557	CH4403	JE1515185	CH4791	L3K915186	CH3846
CAC50921	CH4358	EHC8260A	CH2140	GHR583	CH4411	JE1515186	CH4793	L81315538C	CH5228
CAC50931	11-4158	EKM698	CH828	GJ8A61211A	CH3843	JE2615186	CH4259	LD4761212A	CH4794
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CAC9142	11-3187	ER8286A	CH2474	GRH201	CH285	JE9615185A	CH4320	LF4J15184B	CH4986



# Mackay Automotive Hose Catalogue 2013

## OEM To Mackay Cross Reference



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441

OEM No	Mackay No	OEM No	Mackay No	OEM No	Mackay No	OEM No	Mackay No	OEM No	Mackay No
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OEM To Mackay Cross Reference



### OEM To Mackay Cross Reference

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XF18472B	CH1663
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XF18472D	CH1673
XF18472E	CH1672
XF18472H	CH1671
XFC18472A	CH1668
XFC18472B	CH1667
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XL012	11-6079
XR814039	CH4405
XR85292	CH4392
XS518B273BCA	CH5337
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YA3552030082	11-2622
YA3552030482	11-0317
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ZZB115185	CH4949
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ZZP215185	CH5502

## COOLING SYSTEM HOSE MAINTENANCE

Mackay's expertise in the design and engineering of Automotive hoses spans over 80 years, supplying the very first motor cars including all Australian car manufacturers. Mackay is a 100% Australian Owned company.

At the Mackay hose plant based in Melbourne, Mackay utilise leading edge rubber technology and compounds, supported by in-house processes from rubber mixing to final product. This ensures hoses are made to the strict specifications required for the advanced motor vehicles of the 21st century.

In conventional water-cooled engines, hoses are an integral part of the cooling system and in fact are a critical component in safeguarding the engine from excessive heat build - up causing premature and expensive engine failure.

The hose allows for the efficient transfer of coolant between the engine block and radiator. It also eliminates any vibration that may be otherwise transmitted by a rigid connection. In vehicles of today, a hose has to be designed to withstand the stresses of modern, more compact but powerful engines that run hotter and at a higher pressure. Other factors include smaller engine compartments with poor heat dissipation, aggressive coolant additives, and stray (electrochemical) current that may be conducting through the cooling system.

In short, the smaller but more powerful engines of today work a lot harder than the larger engines that were standard before. More heat is generated, higher burst pressures are required in cooling system components, and hoses have to be made tougher to withstand these demands.

Mackay's research and development chemists have developed new rubber formulations and manufacturing processes that ensure Mackay hoses meet the greater wear and heat demands created by modern engines. Rubber compounds used in automotive hoses today are predominantly synthetic rubber formulations.

Synthetic rubber offers:

- Excellent resistance to high temperatures
- Resists chemical attack (oils, fuels etc.)
- Excellent Ozone resistance
- Good resistance to abrasion
- High resistance to vibration

### Hose Inspection and Replacement

Since hoses are so vital in maintaining the engine at optimum operating temperature, and prevent costly damage by controlling engine overheating, regular inspection and maintenance of cooling system hoses should be conducted at least every six months. It is also recommended that all coolant hoses be replaced whenever the system is being flushed and coolant replaced, about every 2-3 year's dependent on the vehicle's use.

#### **Caution:**

***It is important for your safety that the engine is turned off and has cooled down and cooling system depressurised before you proceed with an inspection. The best way to inspect a hose is to squeeze it firmly along its entire length.***

### Heat

If the hose has a 'hard feel' or has visible cracks along the length it has been affected by excessive heat. A heat-damaged hose also may have a glossy cover along with cracks, in either case, replace the hose. A good hose should be resilient, yet flexible. Heat deterioration can also produce hidden damage to the reinforcement over time that can cause the hose to burst and fail. Therefore an externally good-looking hose may be susceptible to failure due to hidden reinforcement deterioration. The possibility of hidden reinforcement failure is one of the best reasons for replacing hoses regularly. If the hose is near a radiant heat source such as the exhaust manifold for example it can soon become hardened and brittle. Ensure heat shields are in place to protect the hose.



## Oil/Chemical

Oil is the worst enemy of a rubber hose. A hose damaged by oil can look swollen, or have a soft and spongy feel. Sometimes oil damage can start from the inside of the hose, check the transmission system for leaks into the radiator from the transmission cooler or from a cracked engine block. Many automotive coolants once carried oil to act as a rust inhibitor and water pump lubricant. Coolants with oil-based lubricant or rust inhibitor should be avoided.

## Ozone Attack

All Mackay coolant hoses are made from EPDM compounds that are highly resistant to ozone attack. Hoses made from some other rubber compounds may be subject to ozone deterioration. Ozone is an oxygen compound found in small quantities in the atmosphere, it is also a by-product common near the alternator and other electrical sources in the engine compartment. It attacks the rubber around stress points (near any bends in the hose or around hose clips) ozone attack can be seen when small parallel cracks appear at the point of stress.

## Abrasion

Visually check the hose for scuff marks, gouges or other abrasion damage on the cover. Abrasion damage can occur from fan blades, spinning pulleys and belts, or road debris. Splitting around hose clamps is also common.

Any potential contact points that may cause abrasion damage must be protected, either by shielding the hose or rerouting it.

## Changing a Hose

When changing a hose, loosen the clamp until it can be moved along the hose and slide the hose off. If the hose is stuck to the fitting, cut from the end of the hose to the beading with a suitable knife; do not lever the hose off with a screw driver as this can damage the radiator fitting. Hoses with quick-connect couplings can be removed by compressing the release tabs.

Brush off the fittings with a wire brush and wipe over with a cloth. Wet inside the end of the hose with water to make the push fit easier. Slip both clips over the other end before this is fitted to the radiator, or if the replacement hose has quick-connect couplings push in until locked in place.

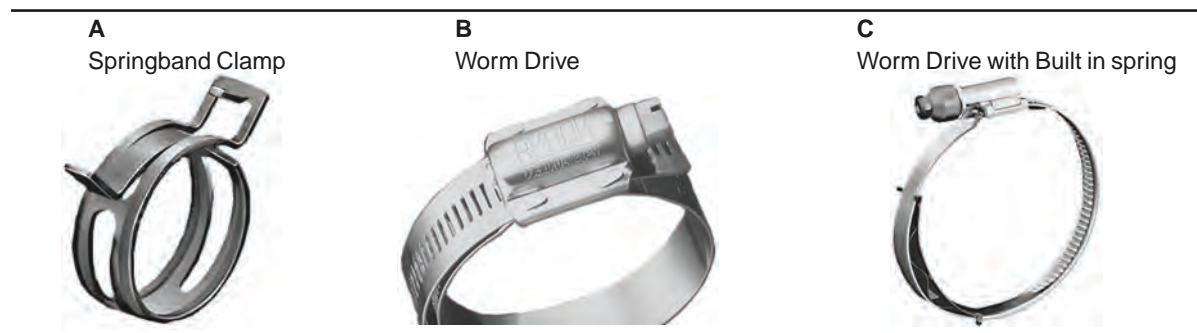
## Coolant Specifications

Always use coolant as specified by the vehicle manufacturer.

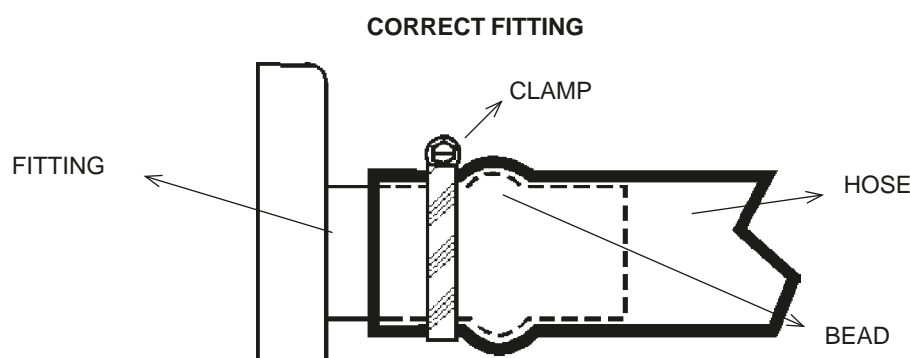
EPDM (Ethylene Propylene type rubbers) is the main synthetic rubber used, however there are numerous formulations of EPDM, each one specially formulated to satisfy a specific application demand. A radiator hose for one car can be made from an entirely different EPDM formulation to another model or make. The construction of a typical coolant hose comprises of three layers, first there is the tube, (this is what the coolant liquid travels through). Over the tube there is a reinforcement material. The reinforcement fibres are knitted onto the tube to provide strength and prevent the tube from bursting under pressure. There are several different types of reinforcement material used dependent on the application of a particular hose. Aramid fibre reinforcements used today such as Kevlar and Twaron provide superior burst strength capacity and heat ageing characteristics right through the service life of the product. (In fact Kevlar is so strong it is also used as reinforcement in bulletproof vests). For applications where a higher heat resistance is required a special fibre known as Nomex is used. Other reinforcement fibres used also include Rayon and Nylon. The burst strength of a hose is determined by the type of reinforcement, the number of knits per square area and the type of knitting pattern. Once again this could vary dependent on the application requirements of the hose.

Finally, there is the outer cover; that is extruded over the tube and reinforcement fibres and helps hold the hose together whilst protecting the reinforcement fibres from dirt, grease and moving parts. The outer cover is also a vital part of the hose construction and has to satisfy the requirements of a particular application

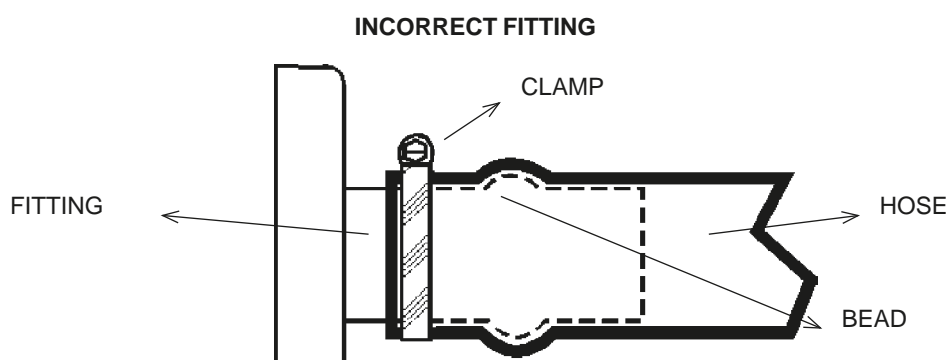
Hose clamps may vary in design (see below).



Several different clamp designs are available in the market. The most common are the Springband and worm drive designs. It is recommended that new clamps be fitted when ever a hose is replaced as they usually lose tension over time. (Clamp details courtesy of Norma Pacific Pty Limited)



The clamp should be as close to the bead as possible, but not on it. Allow approximately a minimum of 5mm between the clamp and the hose end. Tighten the clamp, but not enough to strip the worm. Top up the coolant system and run the engine for about 15 minutes and observe for leaks. When cold nip up the clamps to allow for set of the rubber. Flush the coolant system every two years and check hoses.



The positioning of the clamp, butted up to the bead is important to prevent ingress of coolant over the bead and onto the fitting. This will reduce corrosion around the neck of the fitting. Make sure to top up with coolant approved by O.E. manufacturers and their instructions.

Mackay Consolidated has been supplying high quality rubber hoses to the automotive aftermarket for over 60 years. It is false economy to purchase low price replacement hoses, as premature failure can result in expensive engine repairs. Protect your valuable investment by using only Mackay replacement hoses, made in Australia to exacting standards.

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