Cool Zone Automotive



Auto Air©
Gloucester Limited

Air Conditioning Tools & Consumables



Version 25

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The Knowledge Behind the Product

We offer a comprehensive range of replacement AC components such as...



OE & Pattern Compressors



Driers & Accumulators



Condensers



Pressure Switches



Cooling Fans
& Resistors



Blower Motors
& Resistors



Expansion Valves



Evaporators

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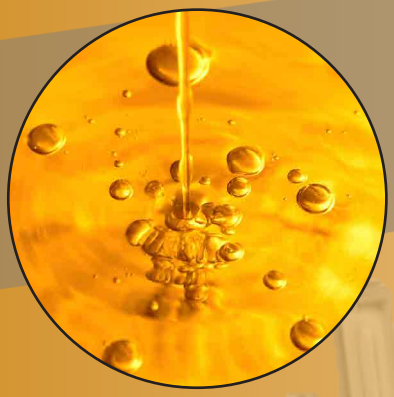
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R134a Oils





Pag 46 R134a Oils

Part No	Description	R134a	Qty
41-1020	*Elke* Pag 46 ND8 Sp10 Oil		250ml
41-1020A	*Elke* Pag 46 ND8 Sp10 Oil		1ltr
41-1026	*Elke* Pag 46 ND8 Sp10 Oil		5ltr
41-1035	*Elke* Pag 46 ND8 Sp10 Oil With Dye		250ml
41-1020B	*Elke* Pag 46 ND8 Sp10 Oil With Dye		1ltr

Elke
Pag 46 Oils

Pag 100 R134a Oils

Part No	R134a	R134a	Qty
41-1022	*Elke* Pag 100 Oil		250ml
41-1022A	*Elke* Pag 100 Oil		1ltr
41-1036	*Elke* Pag 100 Oil With Dye		250ml
41-1022B	*Elke* Pag 100 Oil With Dye		1ltr

Elke
Pag 100 Oils

Pag 125 R134a Oils

Part No	Description	R134a	Qty
41-1042	*Elke* Pag 125 (Blue) Oil		250ml
41-1043	*Elke* Pag 125 (Blue) Oil		1ltr

Elke
Pag 125 Oils

Pag 150 R134a Oils

Part No	Description	R134a	Qty
41-1021	*Elke* Pag 150 Oil		250ml
41-1021A	*Elke* Pag 150 Oil		1ltr
41-1034	*Elke* Pag 150 Oil With Dye		250ml
41-1033	*Elke* Pag 150 Oil With Dye		1ltr

Elke **Pag 150 Oils**

Pao & Pag 68 Universal R134a Oils

Part No	Description	R134a	Qty
41-1037	*Elke* Pag 68 RL897 Universal 134a Oil		250ml
41-1068	*Elke* Pao 68 RL897 Universal 134a Oil		1ltr
41-1070	*Elke* Pao 68 RL897 Universal 134a Oil		5ltr
41- 1069	*Elke* Pao 68 Universal 134a Oil with Dye		250ml
41-1068A	*Elke* Pao 68 Universal 134a Oil with Dye		1ltr

Elke **Universal Oils**

Ester R134a Oils (Not Suitable For Hybrids/Electric)

Part No	Description	R134a	Qty
41-1030	*Elke* Poe 100 Ester 134a Oil		250ml
41-1031	*Elke* Poe 100 Ester 134a Oil		1ltr
41-1032	*Elke* Poe 100 Ester 134a Oil with Dye		1ltr

When converting an R12 system to R134a use 50ml of Ester oil & add to the vehicles existing oil. This will stop the deterioration of seals and protect them in the system. (Replaces 41-0000A in previous catalogues)
Not to be used in Hybrid/Electric systems.

Elke **Ester Oils**

NOTE: It is Important that you use the correct oil for Hybrid/Electric vehicles. Most Hybrid/Electric vehicles use high voltage compressors rather than conventional belt driven pulley types. If the wrong oil is used, there is a risk that the oil can conduct and cause a short circuit. A short circuit will result in the A/C system shutting down.

Hybrid R134a Universal Oils

Part No	Description	Hybrid	R134a	Qty
41-1024	*Elke* ND/SP/Denzoil 11/MA68EV Poe Oil			250ml
41-1029	*Elke* Universal Poe 85 Oil			250ml
41-1029A	*Elke* Universal Poe 85 Oil			1Ltr
41-1029B	*Elke* Universal Poe 85 Oil with Dye			1Ltr

Elke **Hybrid Oils**

Hybrid R134a One Shot Oil Syringe Kit

Part No	Description	Hybrid	R134a
42-0017	*Elke* One Shot Oil Syringe.		
	1 x 60ml oil syringe for R134a Hybrid. Requires 42-0014		
42-0014	*Elke* Hose With Check Valve & Quick Coupler.		
	Hose with check valve and R134a coupler		





HFO1234yf & CO_2 Oils

NOTE: It is Important that you use the correct oil for Hybrid/Electric vehicles. Most Hybrid/Electric vehicles use high voltage compressors rather than conventional belt driven pulley types. If the wrong oil is used, there is a risk that the oil can conduct and cause a short circuit. A short circuit will result in the A/C system shutting down.

Specific HFO1234yf Oils

Part No	Description	HFO1234yf	Qty
41-1025	*Elke* Pag 46 Oil		250ml
41-1025C	*Elke* Pag 46 Oil		1ltr
41-1025B	*Elke* Pag 46 Oil		20ltr
41-1025D	*Elke* Pag 46 Oil With Dye		1ltr
	Approved oil for HFO1234yf systems. ND12 compatible.		
41-1038	*Elke* Pag 100 Oil		
	Approved oil for HFO1234yf systems. For use on some Valeo systems.		250ml
41-1051	*Elke* PSD1 Oil		
	GM only approved oil for HFO1234yf systems. Compatible for XTS A/C Delco Systems. Recommended for mechanical compressors (belt). More stable than other oils in the yf (higher pressured) system. BACKWARDS COMPATABLE.		250ml
41-1053	*Elke* ND12 Oil		
	Denso approved for HFO1234yf systems. Compatible for ATS A/C systems. Recommended for mechanical compressors (belt). More stable than other oils in the yf (higher pressured) system. BACKWARDS COMPATIBLE.		250ml









HFO1234yf & Electric/Hybrid Oils

Part No	Description	HFO1234yf	Hybrid	Qty
41-1052	*Elke* Conductive SP-A2 Oil			
	Sanden approved for HFO1234yf systems. Compatible with Hybrid compressors HVCC, Mahle & Sanden where SP-A2 is recommended.			250ml



CO_2 Pag Oils

Part No	Description & Qty	CO_2	Qty
41-1072	*Elke* R744 Pag 46 Oil 250ml		
41-1073	*Elke* R744 Pag 46 Oil 1Ltr		
	Pag 46 lubricant. For use with R744 CO_2 non-Hybrid systems.		



Pag Based Universal Conductive Oils

Part No	Description	R134a	HFO1234yf	Qty
42-0021	Elke Universal Pag 68 Oil 250ml			
42-0021A	Elke Universal Pag 68 Oil/Dye 250ml			
42-0022	Elke Universal Pag 68 Oil 1ltr			
42-0022A	Elke Universal Pag 68 Oil/Dye 1ltr			

Universal Pag based conductive lubricant.
For use in R134a & HFO1234yf systems.
Can be used in Hybrid vehicles
where a Sanden electric compressor
is fitted requiring conductive oil.



250ml 1Ltr

Part No	Description	R134a	HFO1234yf	Qty
42-0105	**Snow** Leopard® Universal Pag 46e Oil 250ml			
42-0104	**Snow** Leopard® Universal Pag 46e Oil/Dye 250ml			
42-0106	**Snow** Leopard® Universal Pag 100e Oil 250ml			
42-0107	**Snow** Leopard® Universal Pag 100e Oil/Dye 250ml			

Universal Pag based conductive lubricant.
For use in R134a & HFO1234yf systems.
Can be used in Hybrid vehicles
where a Sanden electric compressor is
fitted requiring conductive oil.



250ml

Poe Based Universal 85/Mrl85 Hybrid Low-Conductivity Oils

Part No	Description	R134a	HFO1234yf	Hybrid	Qty
41-1029	Elke Universal Poe 85 Oil 250ml (Alternative to MRL85)				
41-1029A	Elke Universal Poe 85 Oil 1Ltr (Alternative to MRL85)				
41-1029B	Elke Universal Poe 85 Oil/Dye 1Ltr (Alternative to MRL85)				

Universal Ester based Low-conductivity lubricant.
For use in R134a & HFO1234yf systems.
Can be used in Hybrid vehicles where an electric
compressor is fitted requiring Low-conductivity oil.



250ml 1ltr

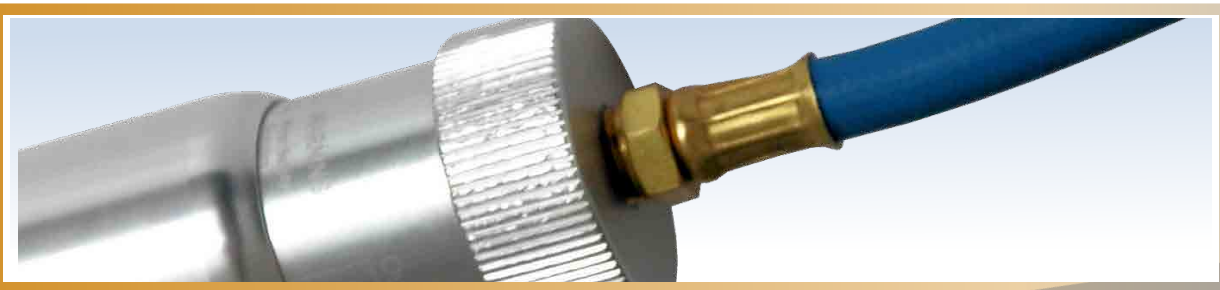
Part No	Description	R134a	HFO1234yf	Hybrid	Qty
42-0020A	**Snow** Leopard® Mrl85 Oil 250ml				
42-0020B	**Snow** Leopard® Mrl85 Oil with Dye 250ml				
42-0020	**Snow** Leopard® Mrl85 Oil 1ltr				
42-0020C	**Snow** Leopard® Mrl85 Oil with Dye 1ltr				

Universal Ester based Low-conductivity lubricant.
For use in R134a & HFO1234yf systems.
Can be used in Hybrid vehicles
where an electric compressor is fitted
requiring Low-conductive oil.



250ml 1ltr

Oil Injector Products



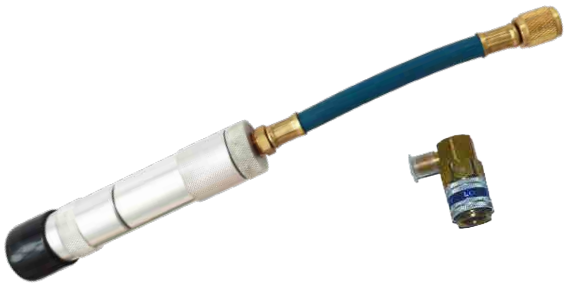
Oil/Dye Injectors (Cartridge Refills Are Not Required)

Part No	Description	R134a
41-1139	Budget 60ml Oil/Dye Injector	



Plastic Injector and hose assembly with budget low side R134a snap connector. Approx 60ml capacity.

Part No	Description	R134a
41-1138	Premium 30ml Oil/Dye Injector	



Metal Hand Turn Injector and hose assembly with low side R134a snap connector. Approx 30ml capacity.

Part No	Description	R134a
41-1135	Premium 60ml Oil/Dye Injector	



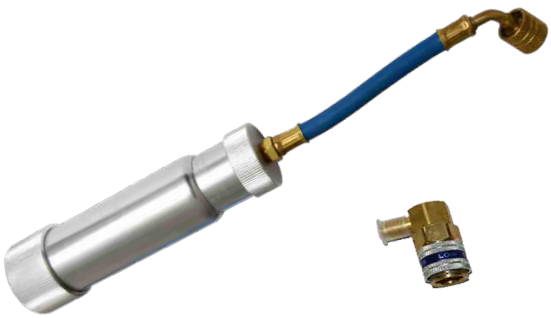
Metal Hand Turn Injector with 1/2 ACME hose connection. Approx 60ml capacity.

Part No	Description	R134a
41-1136	Premium 60ml Oil/Dye Injector	



Metal Hand Turn Injector with 1/4 hose connection. Approx 60ml capacity.

Part No	Description	R134a
41-1161	Premium 60ml Oil/Dye Injector	



Metal Hand Turn Injector and hose assembly with low side R134a snap connector. Approx 60ml capacity.

Part No	Description	HFO1234yf
41-1160	Premium 30ml Oil/Dye Injector	



Metal Hand Turn Injector and hose assembly with low side HFO1234yf snap connector. Approx 30ml capacity.

Universal Oil/Oil & Dye Cartridges

Part No	Description	
41-140282	R134a Pag Oil Cartridge 240ml	
41-40142	HFO1234yf/R134a Pag Oil & Dye Cartridge 240ml	

R134a Pag Oil Cartridges

Part No	Description	R134a	
41-140283	Pag 46 Oil Cartridge 240ml		
41-140284	Pag 100 Oil Cartridge 240ml		
41-140287	Pag 125 Oil Cartridge 240ml		
41-140285	Pag 150 Oil Cartridge 240ml		

HFO1234yf Pag Oil Cartridges

Part No	Description	HFO1234yf	
41-40140	Pag 46 Oil Cartridge 240ml		
41-40141	Pag 100 Oil Cartridge 240ml		

Hybrid/Electric Oil Cartridges

Part No	Hybrid	Hybrid	HFO1234yf	R134a	
41-40139	POE 80/85 Oil Cartridge 120ml				
41-40137	POE 80/85 Oil & Dye Cartridge 240ml				
	IF FOR ELECTRIC VEHICLES, PLEASE REFER TO OE GUIDELINES				

Universal UV Dye Cartridge

Part No	Description	Hybrid	HFO1234yf	R134a	
41-40138	Universal UV Dye Cartridge 240ml				
	For use with Easy Gun®/ Spot-Gun® applicator 41-0102				
	IF FOR ELECTRIC VEHICLES, PLEASE REFER TO OE GUIDELINES				

Cartridge Applicator & Hoses

Part No	Description	Qty
41-0102	Easy Gun®/Spotgun® Applicator	 1 unit
	Robust applicator for use with 240ml UV Dye/Oil Cartridges	
41-0101	Easy Gun®/Spotgun® Hose	 1 unit
	Easy Gun®/Spot-Gun® Hose for R134a	
41-0101A	Easy Gun®/Spotgun® Hose	 1 unit
	Easy Gun®/Spot-Gun® Hose for R1234yf	

Recovery Machine Oils & UV Dyes



Errecom® Oil-in-a-Bag/Dye-in-a-Bag

Part No	Description	Qty
41-2013	PAG 46 Oil R134a	
41-2014	PAG 100 Oil R134a	
41-2026	PAG 125 Oil R134a	
41-2027	PAG 150 Oil R134a	
41-2033	PAO 68 Universal Oil R134a	
41-2034	PAO 68 Universal Oil With Dye R134a	
41-2028	POE 100 Oil Hybrid R134a	
41-2015	Yellow Brilliant UV Dye Hybrid* R134a HFO1234yf	
41-2016	Red Brilliant UV Dye* Hybrid R134a	
41-2035	Blue Brilliant UV Dye* Hybrid HFO1234yf	



500ml

*Meets SAE J2297/J2298

Errecom Oil-in-a-Bag/Dye-in-a-Bag Adaptors

Part No	Description	Qty
41-2025	Straight Quick Adaptor	
	Straight Quick adaptor for Oil-in-a-Bag/Dye-in-a-Bag system. White and yellow and supplied as a set.	



1 Set

41-2025A	90° Straight Quick Adaptor	
	90°Quick adaptor for Oil-in-a-Bag/Dye-in-a-Bag system. White and yellow and supplied as a set.	



1 Set

Waeco® Oil & Dyes 500ml Pressurised Cans

Part No	Description	Qty
41-1044	Pag 46 Oil Pressurised Can R134a	
41-1045	Pag 100 Oil Pressurised Can R134a	
41-1046	Pag 150 Oil Pressurised Can R134a	
41-1047	Pag 46 Oil Pressurised Can HFO1234yf	
42-0109	SP-A2 Oil Pressurised Can SP20 SP10 HFO1234yf	
42-0110	UV Tracer Dye Additive Pressurised Can HFO1234yf	
41-1048	UV Tracer Dye Additive Pressured Can R134a	



500ml

NEW Snow Leopard® KHEOS CTR Machine Oil & Dye Concertina B/Fly RED

Part No	Description	HFO1234yf	R134a	Qty
41-2047	MRL85 Hybrid Oil & Dye Concertina B/fly Red			

Specially formulated to work in all types of vehicle air conditioning systems. This synthetic based ester oil is also non-conductive and safe to use in hybrid systems. Thanks to their hermetic nature, partly used Concertinas can be disconnected with no fear of moist air entering the bottle.



260ml

Snow Leopard® Machine Concertinas B/Fly ORANGE

Part No	Description	HFO1234yf	R134a	Qty
41-2042	PAG46 Oil Concertina B/fly Orange			
41-2044	PAG100 Oil Concertina B/fly Orange			
41-2046	MRL85 Oil Concertina B/fly Orange + Hybrid			
41-2040	UV Glo-leak® Dye B/fly Orange + Hybrid (125ml)			

*Convert your old machine standard bottles to the modern concertina system by using the above part numbers plus an adaptor 41-2036



260ml

Snow Leopard® Machine Concertinas Nozzle BLUE

Part No	Description	HFO1234yf	R134a	Qty
41-2041	PAG46 Oil Concertina Nozzle Blue			
41-2043	PAG100 Oil Concertina Nozzle Blue			
41-2045	MRL85 Oil Concertina Nozzle Blue + Hybrid			

*Convert your old machine standard bottles to the modern concertina system by using the above part numbers plus an adaptor 41-2037



260ml

Glo-leak® Machine Concertinas Nozzle YELLOW

Part No	Description	Hybrid	HFO1234yf	R134a	Qty
41-2039	UV Glo-leak® Dye Nozzle Yellow + Hybrid				

*Convert your old machine standard bottles to the modern concertina system by using the above part number plus an adaptor 41-2038



125ml

Snow Leopard® Machine Adaptors (Convert Your Old Machine)

Part No	Description	Qty 1
41-2036	Concertina Adaptor B/Fly Orange	
41-2037	Concertina Adaptor Nozzle Blue	
41-2038	Concertina Adaptor Nozzle Yellow	



UV Dye

UV Dyes

Part No	Description	HFO1234yf	R134a	Hybrid
42-0018	*Elke* Universal UV Dye			

For standard and Hybrid systems.
Specially formulated to mix
with the latest refrigerant
HFO1234yf & **R134a**
Solvent free.
Meets SAE J2297
and SAE J2298

33 shot
(based on using 7.5ml
per 1.5kg of gas).



250ml

IF FOR ELECTRIC VEHICLES, PLEASE REFER TO OE GUIDELINES

Part No	Description	HFO1234yf	R134a	Hybrid
42-0019	*Elke* Universal UV Dye			

For standard and Hybrid systems.
Specially formulated to mix
with the latest refrigerant
HFO1234yf & **R134a**
Solvent free.
Meets SAE J2297
and SAE J2298

132 shot
(based on using 7.5ml
per 1.5kg of gas).



1Ltr

IF FOR ELECTRIC VEHICLES, PLEASE REFER TO OE GUIDELINES

UV Dyes Continued

Part No	Description	Hybrid	HFO1234yf	R134a
42-0000	Glo-Leak® Universal UV Dye			

33 shot
(based on using 7.5ml per 1.5Kg of gas).
Suitable for standard
and Hybrid systems.
Specially formulated
to mix with the
latest refrigerant
HFO1234yf, R134a



250ml

IF FOR ELECTRIC VEHICLES, PLEASE REFER TO OE GUIDELINES

Part No	Description	HFO1234yf	R134a
42-0008	*Elke* UV Dye		

46 shot
(based on using
7.5ml per 1.5kg
of gas). Specially
formulated to mix
with the latest refrigerant.
Solvent free.
HFO1234yf & R134a
Meets SAE J2297 and SAE J2298.



350ml

NOT SUITABLE FOR HYBRID OR FULLY ELECTRIC SYSTEMS

Part No	Description	CO_2
41-1074	*Elke* CO_2 UV Dye	

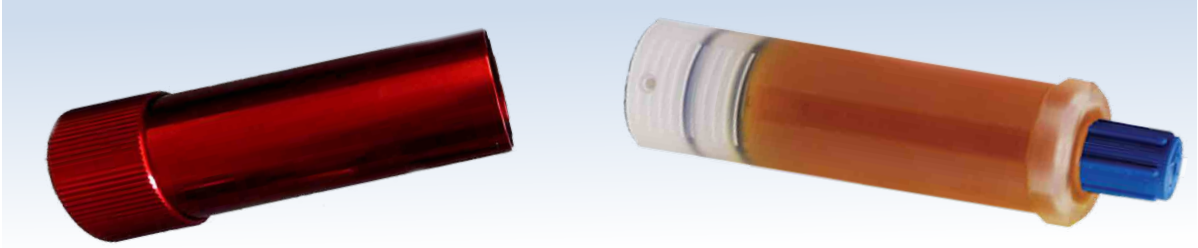
33 shot
(based on using 7.5ml per 1.5kg of gas).
Specially formulated
to mix with R744 CO_2
refrigerant.



250ml

NOT SUITABLE FOR HYBRID OR FULLY ELECTRIC SYSTEMS

UV Dye Injectors & Syringes



Hand Turn UV Dye Injectors (Cartridge Refills Are Not Required)

Part No	Description	R134a
41-0051	UV Dye Injector & Dye Kit	



Metal Hand Turn Injector and hose assembly with R134a snap connection, UV dye and engine bay stickers. 60ml injector capacity.

Part No	Description	R134a
41-1138	Hand Turn UV Dye/Oil Injector	



Metal Hand Turn Injector and hose assembly With low side R134a snap connector. Approx 30ml capacity.

Part No	Description	R134a
41-1161	Hand Turn UV Dye/Oil Injector	



Metal Hand Turn Injector and hose assembly with low side R134a snap connector. Approx 60ml capacity.

Part No	Description	R134a
41-1135	Hand Turn UV Dye/Oil Injector	



Metal Hand Turn Injector with 1/2 ACME hose connection. Approx 60ml capacity.

Part No	Description	R134a
41-1136	Hand Turn UV Dye/Oil Injector	



Metal Hand Turn Injector with 1/4 hose connection. Approx 60ml capacity.

Part No	Description	HFO1234yf
41-1160	Hand Turn UV Dye/Oil Injector	



Metal Hand Turn Injector and hose assembly with low side HFO1234yf snap connector. Approx 30ml capacity.

Hand Turn UV Dye Injector Kit (Cartridge Refills Required)

Part No	Description	R134a
41-0050	UV Dye Injector & Dye Kit	



Metal Hand Turn Injector and hose assembly with R134a snap connection & UV dye cartridge.

Part No	Description	R134a
41-0049	Replacement Dye Cartridge	



Replacement cartridge for 41-0050 25 Applications. R134a

One shot UV Syringe Kits

Part No	Description	R134a
42-0011	*Elke* One Shot Dye Syringes	

Pack of 12 x 7.5ml
UV additive.
(Requires 42-0014 hose with check valve and combined quick coupler sold separately).
R134a



Part No	Description	R134a
42-0014	*Elke* Hose & Quick Coupler	

For use with 42-0011
7.5ml syringes.
R134a



Part No	Description	Hybrid	R134a
42-0012	*Elke* One Shot Dye Syringes		

Pack of 12 x 7.5ml
UV additive.
(Requires 42-0014 hose with check valve and combined quick coupler sold separately).
Hybrid & R134a



IF FOR ELECTRIC VEHICLES, PLEASE REFER TO OE GUIDELINES

Part No	Description	Hybrid	R134a
42-0014	*Elke* Hose & Quick Coupler		

For use with 42-0012
7.5ml syringes.
Hybrid & R134a



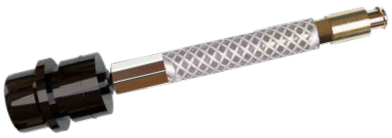
Part No	Description	HFO1234yf
42-0013	*Elke* One Shot Dye Syringes	

Pack of 12 x 7.5ml
UV additive.
(Requires 42-0014B hose with check valve and combined quick coupler sold separately.
HFO1234yf



Part No	Description	HFO1234yf
42-0014B	*Elke* Hose & Quick Coupler	

For use with 42-0013
7.5ml syringes.
HFO1234yf



UV Concertina Kit & Accessories

Part No	Description	R134a
42-0005	Glo-leak®UV Concertina Kit	



Approx 10 shots. Pack includes injector, hose, coupler and a 60ml concertina of dye.
(Add 41-1061 & 41-1065 if using for R1234yf)
R134a 60ml

Part No	Description	HFO1234yf	R134a
42-0004	Glo-leak® UV Concertina Refill		

Concertina UV additive refill.
For use with 42-0005
Approx 10 shots.
R134a &
HFO1234yf



60ml

UV Dye Kits

UV Dye & Lamp Kit

Part No	Description	R134a	Qty
41-0115	*Elke* Hand Turn Injector UV Dye Kit		

Kit contains:
12v 60W UV lamp, hand turn injector 60ml,
UV glasses (41-0008), R134a injector hose,
250ml UV dye additive (42-0000A) and
UV dye remover 400ml (41-0053).
HFO1234yf systems if the following are also purchased:
(41-1065) 1/4 adaptor.
(41-1061) Low side coupler.
(42-0018) R134a/HFO1234yf/Hybrid UV dye 250ml.



1 Kit

UV Dye & Torch Kit

Part No	Description	Hybrid	HFO1234yf	R134a	Qty
41-0100A	Errecom Easy Gun® UV Dye Kit				

Kit contains:
9 LED aluminium UV Torch,
Easy Gun® applicator,
R134a & HFO1234yf injector hose,
Errecom® Brilliant Yellow UV dye cartridge.
UV glasses including 3 x AAA batteries.



1 Kit

UV Dye & Lamp Kit

Part No	Description	Hybrid	R134a	Qty
41-0100	Spotgun® UV Dye Kit			

Kit contains:
12v 60W UV lamp, UV glasses (41-0008),
Spotgun® applicator, R134a injector hose,
Spotgun® UV dye cartridge and UV
dye remover 400ml (41-0053).
HFO1234yf systems if the following are also purchased:
(41-0101A) Injector hose.
IF FOR ELECTRIC VEHICLES, PLEASE REFER TO OE GUIDELINES



1 Kit

UV Dye & Rechargeable Torch Kit

Part No	Description	HFO1234yf	R134a	Qty
42-0102	*Elke* Rechargeable UV Torch Kit			

Kit contains:
Elke high intensity 3W
(eq to 50W approx) single chip
LED rechargeable torch (41-0037B),
UV protective glasses (41-0008),
250ml UV additive(42-0000A)
and UV additive remover spray
400ml (41-0053A).



1 Kit

UV Lamps & Torch Kits

Part No	Description	Battery
41-0081	*Elke* Budget LED UV Torch	



Elke 3W 12 UVA LED budget UV torch.
UV glasses and 3 x AAA batteries included.
Glasses also available separately (41-0008).

Part No	Description	Battery
41-0080C	UV400 Budget UV Torch	



Primalec 3W (eq to 50W approx) single chip LED
UV400 budget tracer torch.
UV Extra-Glo glasses and 3 x AAA batteries included.

Part No	Description	Battery
41-0037A	Errecom® Black Mini UV Torch	



Errecom Mini Bright UV torch. 9 LED head.
Aluminium body. LED wavelength 410-405nm.
UV glasses and 3 x AAA batteries included.

Part No	Description	Battery
41-10044A	Errecom® UV Led Flexible Torch	



Errecom Flexible Bright torch. 5 LED head. A very
useful tool to find leaks in hard-to-reach areas.
Aluminium. UV glasses & 3 x AA batteries included.

UV Lamp & Torch Kits

UV Lamps & Torch Kits continued

Part No	Description	Battery
41-0080A	Invictalux® Led UV Torch	



Invictalux® 3W (eq to 50W approx) single chip LED UV400 SuperBright leak tracer torch with new reflector head design and switch mechanism.
UV Extra-Glo glasses and 2 x AA batteries included.

Part No	Description	12v
41-0023A	*Elke* 100w UV Lamp	



Elke® 100W fixed head UV lamp with crocodile clips to attach directly to a 12v battery. UV glasses and Carry case.
Glasses also available separately (41-0008).

Part No	Description	Rechargeable
41-10045	*Elke* Rechargeable Multi-Torch	



Elke® rechargeable high intensity UV 5W which includes 5W top and 3W side LED lamps.
UV lamp detects and locates refrigerant leaks.
Li-ion 3.7V rechargeable battery & charger included. Includes UV glasses.
Glasses also available separately (41-0008).

Part No	Description	Rechargeable
41-0080B	Rechargeable UV Torch	



Primalec® high intensity 3W (eq to 50W approx) rechargeable torch. UV365 LED + reflector.
Up to 25,000 µW @ 38cm. 3cm spot @ 38cm. Li-ion 3.7W rechargeable battery & charger included.
Approximately 3-5 hrs run time.
Extra-Glo glasses included.

PPE & Leak Detection Consumables

Part No
41-0074



F-Gas Approved Gloves & Eye Protection Goggles.
Required for working with automotive refrigerants. Goggles are indirectly vented. EN 388/374 F-gas Approved.

Part No
41-0008



Elke UV Glasses.

Replacement Yellow UV Protective Safety Glasses.

Part No
41-0061L
41-0061XL



Nitrile® Heavy Duty Black Disposable Textured Gloves.
Available in large or extra large

Part No
41-0053A



Elke UV Dye Cleaner. 400ml
Pressurised can version. A quick and effective way of removing UV dye once a leak has been located and repaired.

Part No
41-0053



UV Dye Cleaner. 120ml
Pump action environmentally safe & effective way of removing UV dye once a leak has been located and repaired.

Part No
41-0103A
41-0103C



41-0103A
Spare tip sensor. For refrigerant sniffers 41-0103 and 41-0117



41-0103C
Spare tip sensor. For refrigerant sniffer 41-0077

41-0103B



Spare Tip Sensor Cover.
For use with refrigerant sniffer models 41-0103 and 41-0117.

Refrigerant Sniffers

Refrigerant Sniffers

Part No	Description	HFO1234YF	R134a
41-0103	*Elke* Leak Sniffer/Detector		



Heated Diode type sensor tests HFO1234YF, R134a, R12, R404a, R407c,R-410a & R22 etc.
Warm up time 45s. Batteries included.
(See page 19 for spare tip sensor 41-0103A)
(See page 19 for spare tip sensor cover 41-0103B)

Part No	Description	HFO1234YF	R134a
41-0117	*Elke* Leak Sniffer/Detector		H_2



Heated Diode type sensor tests HFO1234YF, R134a & Hydrogen. Detects Hydrogen found in NitroTrace leak detection gas. Nitrotrace leak detection gas is a blend of nitrogen (95%) and hydrogen (5%). Hydrogen is used because it contains the smallest molecules of all gasses and is ideal for finding very small leaks. Warm up time 5s. Batteries included.
(See page 19 for spare Heated Diode 41-0103A)
(See page 19 for spare Heated Diode cover 41-0103B)

Part No	Description	HFO1234YF	R134a
41-0060A	Mastercool® Raptor Detector		



Mastercool® Raptor Model 56100. Corona discharge sensor performs Electronic Detection.
Tests HFO1234YF, R134a,
R12, R404a, R407c, R-410a, R22 etc.

- Three levels of sensitivity (5 levels of detection).
- Pin-point leaks as small as 1/10 oz (3 grams).
- 43cm probe allows easy access into tight areas.
- Tri-colored LED indicator.
- Made in USA.
- Power 2x “C” cell batteries. Case. SAE J1627.

Part No	Description	HFO1234YF	R134a
41-0060B	Mastercool® Raptor 2in1 Detector		



Mastercool® Raptor Model 56200. Corona discharge sensor Performs Electronic & UV Blue light for leak detection all with one tool. Tests HFO1234YF, R134a, R12, R404a, R407c, R-410a & R22 etc.

- Six levels of sensitivity (15 levels of detection).
- Pin-point leaks as small as 1/10 oz (3 grams).
- Bright UV light is built into the end of the 43cm probe allowing easy access into tight areas.
- Tri-colored LED indicator. Made in USA.
- Power 2x “C” cell batteries. Case. SAE J1627.

Part No	Description	HFO1234yf	R134a	H_2
41-0110	Mastercool® Leak Detector			



Mastercool® Intellasense Leak detector/tester. Model 55800. The Mastercool® Intellasense battery powered leak detector employs a new Heated tin oxide gas sensor for the detection of chlorofluorocarbon gasses and blends. This sensor is characterised by high sensitivity and a fast response. The detector boasts a progressive LCD with vertical bars corresponding to the magnitude of the detected leak. A powerful microprocessor automatically selects the best operating conditions for the sensor. This ensures optimum performance and is monitored throughout the life of the sensor. Detects all refrigerants (CFC's, HCFC's, & HFC's). Made in USA. Battery life approx. 60 hours continuous use.

Part No	Description	H_2/Combustible Gas
41-0110A	Mastercool® Gas Leak Detector	



Mastercool® Intellasense III Combustible Gas/H2 leak detector/Tester. Model 55975.

- Detects Acetone, Ammonia, Benzene, Butane, Butanol, Chlorine, Ethane, Ethanol, Gasoline, Hexane, Hydrogen, Isobutane, Natural Methane, Methanol, Methyl Acetate/Chloride/Ether, Naphtha, Pentane, Propane, Propanol, Sulfur Dioxide and Sulfur Trichloroethane.
- Tri-colored 6 LED indicators
- Heated tin oxide sensor (approx. 2000 hour usage).
- 38cm Probe for difficult locations.
- 1 second response time.
- Ultimate sensitivity: 50-1000 ppm. Made in USA.
- Power 2x "C" cell batteries. Case. Meets SAE J1627.

Part No	Description	CO_2 / R744
41-0118	*Elke* CO_2 Leak Sniffer/Detector	



Electronic tester for quick and effective leak detection in CO_2 R744 systems.
This CO_2 refrigerant leak detector uses a newly developed Optical Gas Sensor which is extremely sensitive to a variety of R744 refrigerants.
The sensor remains an electronic Heated Diode type as in the Elke universal leak detector
(Part no. 41-0117) but has specific detection for CO_2.
Min sensitivity 6g/yr.
Warm up time 45s.
Average battery life approx 7hrs.
Batteries included.

Part No	Description	H_2
41-0077	*Elke* Hydrogen sniffer/Detector	



Heated Diode sensor tests for Hydrogen found in Nitrotrace leak detection gas. Nitrotrace gas is a blend of nitrogen (95%) and hydrogen (5%).
Hydrogen is used because it contains the smallest molecules of all gasses and is ideal for finding very small leaks. Nitrogen is 80% of ambient air and cannot be detected electronically hence the addition of detectable hydrogen.
Use with Nitrotrace or any other Nitrogen/Hydrogen testing equipment. Batteries included.
(See page 19 for spare Heated Diode 41-0103C)
(See page 19 for spare Heated Diode cover 41-0103B)

Refrigerant Identifiers

Part No	Description	HFO1234yf	R134, R12, R22, HC & AIR
41-0040B	Neutronics® Legend ID Refrigerant Identifier/Analyser		

The Neutronics® Legend ID Refrigerant Analyser takes refrigerant testing to a new level and is designed for use independently or in conjunction with an SAE J2843 or SAE J73030 approved A/C service machine to determine the purity of Gaseous R134a or HFO1234yf refrigerant.
With a sealed control panel, large clear LCD colour screen and multiple languages the Neutronics® Legend ID takes refrigerant analysis to a new level.
The Neutronics® Legend ID Refrigerant Analyser is the most precise handheld instrument ever manufactured for determining the purity of R134a, HFO1234yf and R12 in the automotive market.



- Quickly and Accurately determines refrigerant purity.
- Displays % purity: HFO1234yf, R134a and R12.
- Displays %: R-22, Unknown refrigerant, Hydrocarbons.
- Displays AIR % independent of the refrigerant sampled.
- Capable of analyzing R-12 (1/4"flare coupler sold separately).
- Multiple languages: English, German, Spanish, French, Italian,
  Portuguese, Chinese, Japanese, Korean and Russian.
- Easily prints test results with built in printer.
- Uses standard 2.25" 57mm thermal paper.
- Bluetooth compatible (optional).
- Improved oil resistance with user replaceable hose assembly.
- Full colour graphic LCD with on screen instructions.
- Ultra-fast testing completing in approximately 70 seconds.
- Rechargeable internal lithium battery for cordless operation.
- USB Port for remote updates and Service Machine connection.
- Hard shell storage case for the unit and all its accessories.

Refrigerant Identifiers

Part No	Description	HFO1234yf	R134, R12, R22, HC & AIR
41-0062A	Mini Refrigerant Identifier for HFO1234yf		
41-0062	Mini Refrigerant Identifier for R134, R12, R22 & HC & Air		

- Easy to use with 'PASS' or 'FAIL' LED indication
- 'FAULT' and 'EXCESS AIR' LEDs
- Step by step LED indications of the gas sampling process
- Compact and lightweight design
- Rugged construction and housing
- Hand-held and extremely portable

A low-cost refrigerant identifier to help verify the presence and quality of refrigerant in vehicle air conditioning systems thus preventing possible contamination and damage to service and recovery equipment. Mini ID is available in two models.

The Mini ID delivers fast and accurate refrigerant analysis. It is self contained, compact and comes in an extremely portable and rugged ABS case and is very simple to use.



41-0062

Technical Specifications

- Weight: 8.0 lb
- Power requirements: 12-15VDC, Optional battery pack (Internal)
- Output: Digital display and LEDs
- Refrigerant capabilities: 41-0062A = HFO1234yf 41-0062 = R12, R134a, R22.
- Display: 128 x 64 Pixel Graphing
- Resolution: 0.1%
- Operating humidity: 0-95% RH non-condensing
- Operating temperature: 40°F to 130°F
- Warranty: 1 yr.
- Approvals: SAE J1771, CE, UL

Compact and lightweight design

Rugged with a tough casing

Hand-held and extremely portable



Easy to use 'PASS' or 'FAIL' LED indicator

'FAULT' & 'EXCESS AIR' indication

Simple gas Indication while Sampling

41-0062A

Thermometers

Mastercool® Thermometer

Part No	Description
41-9701	IR801 Digital Thermometer



Infrared.
50/+550°c.
Accuracy
+/-2%.

Digital Thermometer

Part No	Description
41-9700	Digital Thermometer



With wired
probe
-30/+50°c.
DC 1.5v

Digital Pencil Thermometer

Part No	Description
41-9702	Digital Pencil Thermometer



-50/+300°c.
Accuracy +/- 1°c
Auto off after
40mins of no
operation.

Smart Test Gauge

Part No	Description	R134a
41-3008A	Smart Test Gauge	





An ideal tester
to investigate
the quantity
of refrigerant
gas inside the system.
(Use with 41-1060C Coupler)

Diagnostic Sight Glass

Part No	Description
41-0107	Elke® **R134a** Diagnostic Sight Glass Kit
41-0107A	Elke® **HFO1234yf** Diagnostic Sight Glass Kit

Ideal to help perform a diagnosis of the system and verify impurities such as humidity, presence of leak-stop, gas and contaminated lubricant.
Kit includes 1x Sight Glass®, 2x HP & 1x LP coupler, 1x red and 1x blue 40cm hoses and carry case.





CLEAN SYSTEM



PRESENCE OF UV ADDITIVE



PRESENCE OF IMPURITIES/DEBRIS



PRESENCE OF HUMIDITY

Compressor Diagnostic Tools

Valtest® Diagnostic Tool

Part No	Description
41-1997	Valtest® 371 Clutch-less Compressor Diagnostic Tool

Effectively diagnose the new generation of electronically controlled A/C compressors. A must have for any A/C technician.





Product details:

- Helps diagnose failing A/C systems with electronically controlled compressors.
- Performs a quick and easy to understand analysis of the compressors operation.
- Measures the strength of the electronic control unit signal.
- Measures the functionality of the control valve by determining whether there is a short circuit or open circuit.
- Identifies whether the failure is in the ECU or the compressor.

Installation:

- Connect the charging station manometers to perform compressor pressure measurements.
- Disconnect the compressor from the ECU.
- Connect the compressor to the Valtest® unit.
- Connect the output of the ECU to the Valtest® unit.

Tests:

- Turn on the Valtest® and verify the condition of the valve. A short circuit or open circuit will be detected.
- Start the vehicle. Turn on the air-conditioning and then the Valtest® unit. Reduce and increase the signal with the + and - controls to verify the pressure value.

Test Results:

- If OC/LO is displayed on the Valtest® then the valve must be replaced.
- If the compressor works normally the fault lies within the Electronic Control Unit/ECU.
- If the compressor does not work you need to verify the state of the valve & replace it.
- If the compressor still does not work it will need to be replaced.

Extra Loom Kit (now included in 2021 onward kits):

Valtest® 371 Adaptor kit included. Provides extra plugs and Connector looms for compressors.



Cooltest® A/C Diagnostic Tool

Part No	Description
41-1996	Cooltest® 711 Digital Fault Detector for Vehicle A/C Systems



Cool Test® 711 Product details:

- Saves time troubleshooting vehicle A/C systems.
- Simple to use, does not require extensive training.
- Working Pressure – 30/450 PSI
- Accurate to +/- 1 PSI
- Working temperature 60c
- Displays both low and high pressure reading
- Maximum Pressure 1000 PSI

Instructions for connecting to A/C system:

1. Close both valves (Red & Blue) and connect hose to the ports on the coolest A/C Diagnostic Tool.
2. Connect electrical cables to the positive and negative terminals on the vehicle battery, being careful of correct connection.
3. Attach temperature sensor to central air outlet inside the vehicle.

Accurately diagnoses the following conditions:

With Compressor off:

- Refrigerant leakage
- Lack of refrigerant in system

With Compressor on:

- Low compression or no compression
- Clogged expansion valve
- Electric cooling fan not working
- Refrigerant overcharge
- Condenser panel dirty
- Clogged receiver drier
- Low system pressure

Checking for gas leakage using a vacuum pump:

A. Connect the coolest® A/C Diagnostic Tool to the vehicle.

B. Connect third hose to the central port of the cool test A/C Diagnostic tool and the other end of the vacuum pump.

C. Wait until the two pressure indicators show 10 PSI. Close the red and blue valves and observe.

Recycle Guards

Recycle Guard®

Part No	Description	HFO1234yf	R134a
41-0016	Unicorn Recycle Guard®		

A/C system sealants and stop-leak products can disable and seriously damage expensive A/C service equipment.

The Recycle Guard® traps sealant, dye and other contaminants as they leave the HVAC system, preventing service equipment damage.

- Traps stop-leak and seal swelling sealants
- Maintains refrigerant flow
- Easy drain and replaceable filters for long life



41-0016A
Replacement filter for 41-0016



Dual Recycle Guard®

Part No	Description	HFO1234yf	R134a
41-0120A	Airsept Dual Recycle Guard® MK2		

A/C system sealants and stop-leak products can disable and seriously damage expensive A/C service equipment.
The Recycle Guard traps sealant, dye and other contaminants as they leave the HVAC system, preventing service equipment damage. The unit automatically switches from recover to recharge, allowing use of fully automatic A/C machines.

- No technician input required - switches automatically from recover to recharge.
- One unit recovers from both High and Low sides simultaneously.
- Traps Metal shavings, desiccant particles and other harmful debris that you will rarely know in advance is contained in a vehicles system.
- Maintains refrigerant flow.



Neutronics® Sealant Detector

Part No	Description	R134a
41-0017	Neutronics Quick Detect®	

The Quick Detect® is designed to detect the presence of harmful Type II sealants at the high side service port of the A/C system.
The Quick Detect® uses disposable cartridges in conjunction with flow measurement to determine the presence of active sealant.

Quick Detect® is designed to mimic an A/C leak. If sealant is present in the system, it will quickly solidify in the disposable test cartridge and cause the flow meter to show "no flow".

Can be used for **HFO1234yf** if 41-1065 & 41-1061 are also purchased



41-0017A
Replacement tips for 41-0017

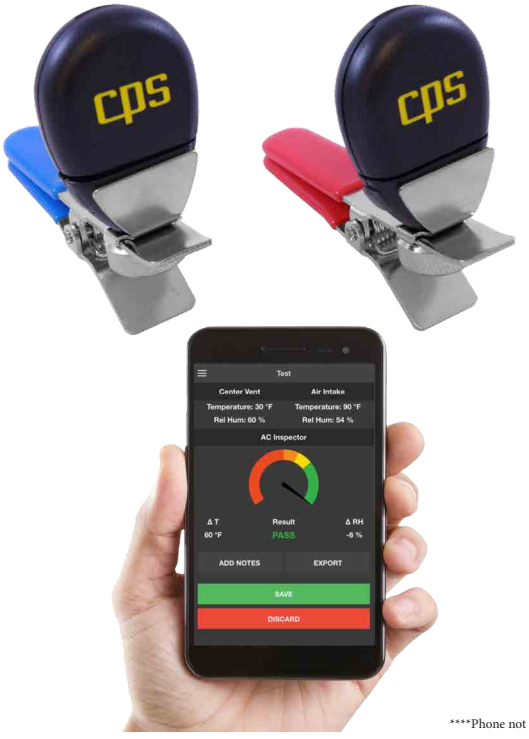


CPS® A/C System Performance Inspector

Part No	Description
41-1994	CPS® Car Smart A/C Inspector

The CarSmart A/C Inspector from CPS® Products Inc. is designed to provide quick and easy non-invasive A/C system performance analysis.
Simply attach the red clip outside to the front of the grill near the condenser and the blue clip to the centre cabin vent inside and you are ready to go.

In two minutes the CarSmart A/C Inspector (TACI100) compares outside humidity and temperature of the air from the A/C vent to determine whether the A/C system is operating within original equipment manufacturer specifications.
The information can be displayed on any smart phone through a CPS Link.



****Phone not included****

Flushing Kits & Machines

Flushing Kits

Part No	Description
41-50014	*Elke* Flushing Kit with Adaptors

Kit includes:

- 1 x flushing canister and gun. (Also available separately 41-50014A).
- 1 x container for used flush.
- 1 x storage box.
- 1 x yellow flex hose.
- 2 x flushing adaptors (Also available separately 41-1005).
- Requires flushing fluid (sold separately).
- **IF USING FOR HYBRID OR ELECTRIC VEHICLES, PLEASE CONSULT OE GUIDELINES**



Part No	Description
41-50020	*Elke* Nitrogen Flushing Kit

Kit includes:

- 1 x flush canister and gun. (Also available separately 41-50014A).
- 1 x yellow flex hose.
- 1 x nitrogen cylinder. (Also available separately 41-50019).
- 1 x pressure regulator for 1ltr cylinder.
- 1 x self contained storage cage.
- **IF USING FOR HYBRID OR ELECTRIC VEHICLES, PLEASE CONSULT OE GUIDELINES**



Part No	Description
41-50014B	Errecom Easy Flush® Machine 240V

Kit includes:

- Power supply: 230/240V 50/60Hz.
- 20ltr internal storage tank.
- 1 Pump capacity: 14 ltr/min.
- Max pump power/pressure: 0.75Kw/0.45 MPa
- Mechanical seal pump with EPDM gaskets.
- Mechanical inlet filter.
- Fast connection for external nitrogen cartridge.
- Clear external controls for reversing flush cycle without disconnecting hoses.
- 3m flexible hoses with 1/4 SAE ball valves.
- Adaptor kit for connecting to A/C systems.
- Interchangeable connections: 1/4 SAE-3/8 SAE-1/2 SAE (2pcs Each)
- Weight 20Kg. Integrated cart.
- For use with Non Flammable flushing fluid only (41-50015).
- **IF USING FOR HYBRID OR ELECTRIC VEHICLES, PLEASE CONSULT OE GUIDELINES**





Flushing Equipment & Fluids

Part No	Description
41-50015A	Elke Flushing Fluid (Flammable)

Evaporates very fast.
Removes all oil residuals, rust, damp and waste.
For all systems.
***IF USING FOR HYBRID OR ELECTRIC VEHICLES, PLEASE CONSULT MANUFACTURER'S GUIDELINES.**



1ltr

Part No	Description
41-50015	Elke Flushing Fluid (Non-Flammable)

Removes all oil residuals, rust, damp and waste.
For all systems.
***IF USING FOR HYBRID OR ELECTRIC VEHICLES, PLEASE CONSULT MANUFACTURER'S GUIDELINES.**



5ltr

Part No	Description
41-50018	Elke Flushing Fluid (Flammable)

Evaporates very fast. Removes all oil residuals, rust, damp and waste.
For all systems.
***IF USING FOR HYBRID OR ELECTRIC VEHICLES, PLEASE CONSULT MANUFACTURER'S GUIDELINES.**



5ltr

Part No	Description
41-50014A	Elke Flush Canister with Gun

See 41-50014 & 41-50020 for full kits. Flush canister is designed to be connected to OFN and filled with flushing fluid. Flushing fluid available separately.



Part No	Description
41-50017	Elke Flush Spray

Perfect for flushing small refrigerant systems.
Canister is able to maintain a pressure of 6 bar.
(41-0016 flush gun also required)



600ml

Part No	Description
41-50016	Elke Flush Gun



With re-usable hose and adaptor.
(Use with flush 41-50017)

Part No	
41-50019	Elke Replacement Nitrogen Cylinder



For use with Nitrogen flushing kit 41-50020 — 1ltr

Part No	
41-50013	Flush/OFN Leak Gauge Adaptor

Spare adaptor for use with 50014A & 44-93025A/C/B.
Thread ¼MF x ¼ NPT



41-1005	Flush Adaptor Clamps

Approx 4 adaptor plates and 2 bungs per unit.



Sanitising Sprays & Bombs

Sanitising Consumables

Part No	Type
42-140505S	Mint 100ml
42 140505	Lavender 200ml
42-140505P	Pine 200ml
42-140505L	Lemon 200ml
42-140505V	Vanilla 200ml
42-140505M	Musk 200ml



Elke Sanitising Bombs

One shot application. The can is designed to be left in the foot-well while the air-conditioning is running to cleanse and eliminate odours. Sold singularly.

Part No	Qty
42-140502A	400ml
42-140502B	50ml



Elke Sanitising Sprays

Sanitising spray aerosol that is designed to be sprayed in behind the pollen filter while the blower motor is activated and vents opened. Removes and eliminates bad smells.

Part No	Qty
42-140502	250ml



Airco® Breeze Pro

The original Air-con sanitising spray. Supplied with a tube to reach into the evaporator chamber and sanitise the vehicle interior. Removes harmful bacteria & bad smells. Neutral odour. Approx 3x applications.

Part No	Type
42-0111	Freshwater 250ml
42-0112	Mint 250ml
42-0113	Vanilla 250ml



Airco® Refresh Total

A single treatment aerosol that eliminates odours and sanitises the vehicle interior, including evaporator and air ducts. Designed to be placed in the foot well, fan switched to half speed & activated.

Multi-Use Cleaning kit

Part No
41-0207



Elke Re-Usable Dispensing Valve

Re-useable dispensing valve for use with Multi-Use cleaning spray cans 41-0208 and 41-0209. This product is better for the environment compared to a conventional one-shot can as it can be switched on and off by hand and used multiple times.

Instructions for use:
Close windows. Turn on A/C in recirculation mode. Place can. Turn the tap counterclockwise to start. Leave product to nebulize automatically. Turn the tap clockwise to finish.

Part No
41-0208



200ml

Elke Multi-Use Spray

Lavender scented cleaning spray that evaporates quickly leaving no foam, halos or residue. Suitable for treating air conditioning systems for both civil and industrial use.
*Requires 41-0207 Dispensing Valve.

Part No
41-0209



400ml

Elke Multi-Use Spray

Lavender scented cleaning spray that evaporates quickly leaving no foam, halos or residue. Suitable for treating air conditioning systems for both civil and industrial use.
*Requires 41-0207 Dispensing Valve.

Ozone / Sanitising Machines

Ozone (chemical formula O3) is a colourless gas composed of three oxygen atoms and is the most powerful oxidant in nature. As soon as ozone comes into contact with an organic substance it triggers an oxidation reaction that kills all living micro organisms such as mites, bacteria, moulds, pollen and fungi and acts as a virus in-activator eliminating all forms of bad odour. It can also be generated mechanically as in the case of ozone generators, through oxygen exposure to a high discharge (corona effect).

- Works in minutes. Completely decomposes, transforming itself back into oxygen and leaves no residue.
- Penetrates and does not damage or stain fabrics. Cleans even the most difficult parts to reach.

Part No	Description
41-0083A	*Elke* Ultrasonic Ozone Machine v1

12V/240V.
Power 40W.
Oxygen 4000mg/h.
Size 202x148x150.
Air volume:
2.24m³/min. 80cfm.
Weight 2Kg.
Spare plate available
41-0083B.



WARNING: DO NOT USE WHEN PEOPLE AND PETS ARE PRESENT

Part No	Description
41-0083	*Elke* Ultrasonic Ozone Machine v1

240V/110V.
Power 35W approx.
Oxygen 3500mg/h.
Size 205x175x150.
Air volume:
2.0m³/min. 80cfm.
Weight 2Kg.
Spare plate available
41-0083B.



WARNING: DO NOT USE WHEN PEOPLE AND PETS ARE PRESENT

Part No	Description
41-0203	*Elke* Ultrasonic Ozone Machine v2

240V/110V.
Power 85W.
Oxygen 7000mg/h.
Size 220x170x160.
Air volume:
3m³/min. 106cfm.
Weight 2.4Kg.
Spare plate available
41-0083B.



WARNING: DO NOT USE WHEN PEOPLE AND PETS ARE PRESENT

Part No	Description
41-0204	*Elke* Ultrasonic Ozone Machine v2

12/240V/110V.
Power 40W.
Oxygen 4000mg/h
Size 202x148x150.
Air volume:
2.24m³/min 80cfm.
Weight 2Kg.
Spare plate available
41-0083B.



WARNING: DO NOT USE WHEN PEOPLE AND PETS ARE PRESENT

Part No	Description
41-0111	*Elke* Nephos® Sanitising Machine

Ultrasonic technology assures effective and totally safe treatment. A major advantage of this system is that the generated fine mist spray particles do not settle on surfaces. 240V. Size 130x63x90. Weight 0.3Kg. Atomised liquid approx 120ml/h.



41-0112	*Elke* Nephos® Lavender Fragrance
41-0113	*Elke* Nephos® Musk Fragrance
41-0114	*Elke* Nephos® Pine Fragrance

Box of 24
30ml Refreshing
liquid Refills available
in Lavender, Musk
& Pine. suitable
For use with
Elke®
Nephos
machines.



Leak Stop

Leak Stop

Part No	Description	R134a
41-0002	Airco Seal Pro® Air Con Sealer	

Pressurised can.
Permanently
stops micro leaks
in both metal and
elastomeric parts
in automotive A/C
systems.



Great for medium to large vehicles
and prevents future leaks developing. Stops small
leaks in R134a systems. 1 can treats 1 car.

Part No	Description	R134a
41-0002A	*Elke* A/C Sealer	

Part No	Description	HFO1234yf
41-0002B	*Elke* A/C Sealer	

Unpressurised can,
Stops small
micro leaks
(approx 3 weeks
from charge
to discharge) in
A/C systems.
1 can treats 1 car.
Permanently
stops micro
leaks in
both metal and
elastomeric parts in
automotive
A/C systems.

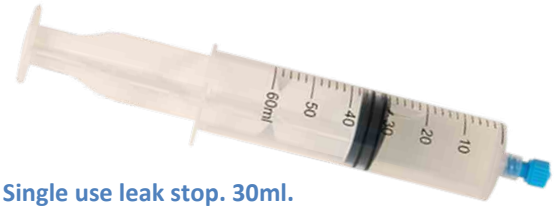


Part No	Description	R134a
41-2031	*Elke* Leak Stop Syringe	



Single use leak stop. 30ml.
(Use with part no. 42-0014 below).

Part No	Description	HFO1234yf
42-0015	*Elke* Leak Stop Syringe	



Single use leak stop. 30ml.
(Use with part no. 42-0014B below).

42-0014	Hose & Quick Coupler



Hose with R134a coupler for syringe 42-2031.

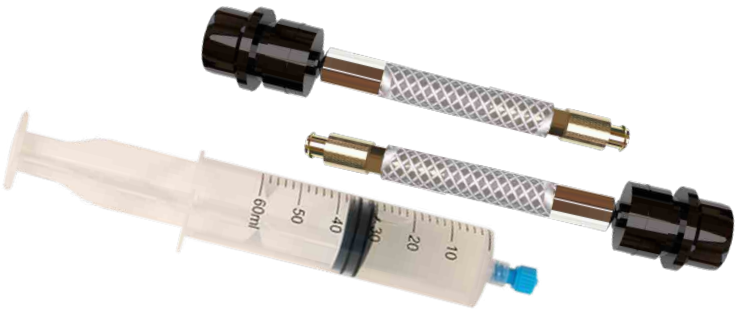
42-0014B	Hose & Quick Coupler



Hose with HFO1234yf coupler for syringe 42-0015.

Part No	Description	Hybrid	HFO1234yf	R134a
42-0016	*Elke* Leak Stop Syringe Kit including Hoses + Couplers			

Single use leak stop
for Electric/Hybrid systems.
POE based and specially
formulated for rapid
repair of micro leaks
in automotive A/C systems.
Polymer free and will not
react to oxygen and humidity.



30ml.

Leak Locators & Performance Enhancers

Part No	Description
41-1117	*Elke* Bubble Leak Locator



Assists in finding leaks by visibly bubbling. For use on all pressurised A/C systems. 1ltr

Part No	Description
41-1118	*Elke* Leak Locator Foam Spray



Assists in finding leaks on all pressurised A/C systems. 400ml

Part No	Description	
41-2006	Power Freeze® Vehicle Air-Con Enhancer (Use with Adaptor below)	
42-0014	Power Freeze® Vehicle Air-Con Enhancer Adaptor (see page 34)	R134a
42-0014B	Power Freeze® Vehicle Air-Con Enhancer Adaptor (see page 34)	HFO1234yf

- Power Freeze® Increases the fluidity of the oil by cleaning the inner surfaces of the A/C pipes. This decreases the friction coefficient and optimises heat exchange which allows the conditioner to operate at maximum efficiency.
- The end result is colder air, reducing the vent temperature by 3°c - 9°c.
- Especially effective with older A/C systems.
- Reduces CO2 emissions.
- Up to 5°C hotter when the air conditioner is in heat-pump mode.
- Hose adaptor for R134a and HFO1234yf sold separately (42-0014 & 42-0014B).



Manifold Gauge Sets

Part No	Description	R134a
41-3007A	Budget 2-way Manifold set	

2-way manifold set.
Includes:
1.8m F1/4 yellow,
red & blue charge hoses.
High & low R134a couplers.
Gauge diameter 80mm.
Refrigerant range:
R22, R134a, R404a & R407c.
Plastic carry case.



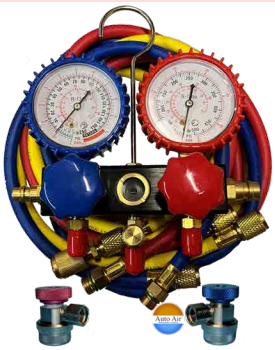
Part No	Description	R134a
41-3007	Mastercool®2-way Manifold set	

2-way manifold set.
Includes:
1.8m F1/4 yellow,
red & blue charge hoses.
High and low
R134a couplers.
Refrigerant range:
R22, R134a, R404a & R407c.
Plastic carry case



Part No	Description	R134a
41-3007C	Santech® 2-way Manifold set	

2-way manifold set.
Includes:
Gauge with 1.8m
F1/2 ACME yellow, red
& blue charge hoses.
High and low R134a
couplers.
Refrigerant range:
R22, R134a,
R404a & R407c.



Part No	Description	R134a
41-3007B	*Elke* 4-way Manifold set	

4-way manifold set.
Includes: Gauge
with 1.8m F1/4
yellow, red & blue
charge hoses.
High and low
R134a couplers.
Refrigerant range:
R22, R134a, R404a, R407c.
Plastic carry case.



Part No	Desc	HFO1234yf	R134a
41-3007D	Errecom® 4-way Manifold set		

4-way manifold set.
Includes: Gauge
with red/blue
rubber gauge
protectors.
F1/4 SAE
charge hoses.
Plastic carry case.
COUPLERS NOT INCL.



Part No	Description	HFO1234yf
41-1063A	Budget 2-way Manifold set	

2-way manifold set.
Includes:
Gauge with
1.8m F1/4
yellow, red & blue
charge hoses.
High and
low HFO1234yf
couplers.



Part No	Description	CO_2
41-3007F	Budget 2-Way CO_2 Manifold set	

2-way manifold set.
Includes:
Blue L/P 10 Bar &
red H/P 16 Bar gauges.
High and low CO_2
charge hoses.
Premium brass CO_2
couplers.
Metal case.



Part No	Description	CO_2
41-3007G	Mastercool®2-way Manifold set	

2-way Piston valve manifold set.
Includes: Oil filled
blue L/P 10 Bar &
red H/P 16 Bar gauges.
High and low 150cm steel
braided 1/4" SAE CO_2 charge
hoses. Case. Model 55661
COUPLERS NOT INCL.
(Use 41-1054 and 41-1055)



Manifold Gauges

Part No	Desc	HFO1234yf	R134a
41-1063B	2-way Manifold Gauge		

2-way
manifold gauge.
Gauge diameter
68-80mm.
Psi/Bar.
2 x 1/4 SAE
hose
connections.



Part No	Desc	HFO1234yf	R134a
41-1063	4-way Manifold Gauge		

4-way
manifold gauge.
Gauge diameter
68-80mm.
Psi/Bar.
4 x 1/4 SAE
hose
connections.



Recovery Units & Vacuum Pumps

Part No	Description	HFO1234yf	R134a
48-0006B	*Elke* Recovery Unit		

Ignition proof, oil-less and air-cooled piston
recovery unit for R134a & HFO1234yf
refrigerants. Includes yellow hose
1.5m F1/4 SAE 180 x F1/4 SAE 180.
Filter supplied with oil separator.
Recovery rates:
Vapor 0.20 Kg/min & liquid 1.60Kg/min.
Size 400 x 250 x 360. Weight 13.5kg. 240V.
Spare filter available 58x119 1/4 flare (41-0087).



Part No	Description	HFO1234yf
48-0006	CPS® TRS21E Recovery Unit	

Ignition proof. For use on refrigerant systems
utilizing class A1, R32, R1234yf & R1234ze.
Maintenance free oil-less compressor.
Permanently lubricated with sealed main
bearings. Improved piston seal
design for less leakage and deeper vacuums.
High pressure cut-off switch with LED indicator.
Cleanable mesh inlet filter. Fastest recovery rates
in its class. Ignition proof ON-OFF switch.
Sealed start relay. 240/220V.
3m power cord.
Meets ANSI 12:12.01. CE, TUV listed.



Vacuum Pumps & Recovery Mate®

Part No	Description
48-0002	Mastercool® Vacuum Pump



2 Stage. Vacuum 15 Microns.
Air displacement: 71 l/min. 3.0cfm.
Intake fittings: 1/4, 3/8 SAE & 1/2 ACME.
Oil capacity: 280ml.
Size: 280 x 122 x 220.
Weight 7kg.

Part No	Description
48-0002B	*Elke* Vacuum Pump



2 Stage. Vacuum 25Microns/0.003 mbar.
Air displacement: 70 l/min. 2.5cfm.
Intake fittings: 1/4 Flare.
Oil capacity: 280ml.
Size: 320 x 160 x 240.
Weight: 9.3kg.

Part No	Description
48-0001A	Mastercool Recovery Mate®

Speed up the recovery process! Remove unwanted moisture and separate oil from recovered refrigerant. (Use with any recovery machine). High-performance dryer eliminates moisture from refrigerant. Extra large sight glass monitors refrigerant flow & changes colour when dryer change is necessary. Supplied in a rugged case.



Charging and Recovery Equipment & Fluids

Part No	Part No	Part No
41-3038	41-1004	41-1135



Unicorn®
Recovery Cylinder.
10 kg capacity, 1/4" Fitting. Max pressure 46.5 bar. Weight 8KG.



TIF®
TIF9010A Portable Scales.
50kg max. Supplied in a sturdy plastic carry case. Ideal for mobile engineers.



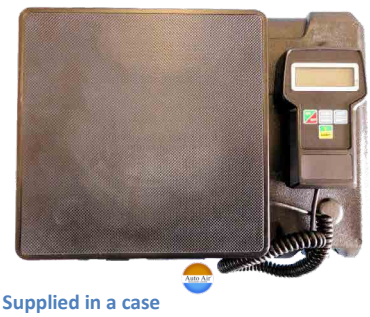
Mastercool®
Metal Hand Turn Oil/Dye Injector.
1/2"ACME hose connection. 60ml capacity

Part No
41-1136



Primalec®
Metal Hand Turn Oil/Dye Injector.
1/4" BSP hose connection. 60ml capacity.

Part No	Part No	Part No	R134a
41-1004A	41-3003	41-1138	



Supplied in a case
Elke
Electronic Scales.
100kg max. Accuracy 0.5%+/- of value. Resolution 10g. Ideal for mobile engineers.



Mastercool®
Heater Blanket.
For use on refrigerant bottles.



Elke
HD Metal Hand Turn Injector.
Inject oil/dye. With R134a low side quick coupler. Approx 30ml capacity

Part No	R134a
41-1139	



Elke
Budget Plastic Syringe Dye Injector.
All-in-one with low side R134a plastic coupler. 60ml Capacity.

Part No	Part No	Part No	HFO1234yf
41-0004A	41-0004	41-1160	



Elke
Universal Vacuum Oil. 500ml
For all brands of vacuum pumps. Contains inhibitors/conditioners for better wear protection.



Elke
Universal Vacuum Oil. 1Ltr
For all brands of vacuum pumps. Contains inhibitors/conditioners for better wear protection.



Elke
HD Metal Hand Turn Injector.
Oil/dye with low side HFO1234yf quick coupler. Approx 30ml capacity

Part No	R134a
41-1161	



Elke
HD Metal Hand Turn Injector.
Inject oil/dye. With low side R134a quick coupler. Swivel 45° hose connection for hard-to-reach service ports. 60ml capacity.

OFN & Nitrotrace Kits

R134a OFN Gauge Sets

Part No	Description	R134a
44-93025A	10 Bar OFN Set	



Kit Includes:

- 10 Bar gauge/pressure regulator (44-93025C)
- Hose to gauge adaptor (41-50013)
- Blue 1/4" SAE charge hose (42-9260)
- Low side snap seal coupler (41-1060C)

Part No	Description	HFO1234yf
44-93025D	10 Bar OFN Set	



Kit Includes:

- 10 Bar gauge/pressure regulator (44-93025C)
- Hose to gauge adaptor (41-50013)
- Blue 1/4" SAE charge hose (42-9260)
- Low side snap seal coupler (41-1061)
- Adaptor (41-1065)

OFN Gauges & Adaptors

Part No	Description
44-93025C	10 Bar OFN Gauge

For 10ltr nitrogen cylinders with 1/4" SAE hose connection.



Part No	Description
44-93025B	50 Bar OFN Gauge

For 10ltr nitrogen cylinders with 1/4" SAE hose connection.



(50 Bar gauge reads to 100bar)

41-1060	1/4 SAE Low Side Quick Coupler

Manual with tap. R134a

*For a HFO1234yf system you will require a 41-1061 low side coupler and a 41-1065 adaptor.



42-9260	Low Side Charging Hose

Blue 1.8m (72") F1/4 SAE° x F1/4 SAE 45°.



Nitro Trace® Leak Testing consumables

Part No	Description
41-0076	Nitro Trace® Gas 1ltr Replacement Cylinder
41-0076A	Nitro Trace® Gas 2.2ltr Replacement Cylinder

Portable Nitro trace® cylinder.

- A mix of nitrogen (95%) and hydrogen gas (5%).



41-0076



41-0076A

1Ltr Nitro Trace® Hydrogen/Nitrogen Leak Testing Kit

Part No	Description	CO^2	Hybrid	HFO1234yf	R134a
41-0078A	Nitro Trace® 1ltr N^2H^2 Kit				

Kit Includes:

- H2 leak detector (41-0077).
  (Spare tip sensor also available 41-0103C).
- High pressure 50BAR N2 regulator (44-93025B).
- Yellow hose and gauge (42-0103).
- 90 cm hose with fitting (41-AAG1113).
- N2 pressure testing gauge (44-93025B).
- R134a High side coupler (41-1059C) &
  HFO1234yf High side coupler (41-1062).
  (CO^2 High side coupler also available
  and sold separately (41-1055 or 41-1055B).
- Portable 1ltr Nitro Trace® cylinder.
  A mix of nitrogen and
  hydrogen gas (41-0076).
- Sturdy carry case.

Please note that the A/C system must be fully evacuated after use.



2.2Ltr Nitro Trace® Hydrogen/Nitrogen Leak Testing Kit

Part No	Description	CO^2	Hybrid	HFO1234yf	R134a
41-0078B	Nitro Trace® 2.2ltr N^2H^2 Kit				

Kit Includes:

- H2 leak detector (41-0077).
  (Spare tip sensor also available 41-0103C).
- High pressure 50BAR N2 regulator (44-93025B).
- Yellow hose and gauge (42-0103).
- 90 cm hose with fitting (41-AAG1113).
- N2 pressure testing gauge (44-93025B).
- R134a High side coupler (41-1059C) &
  HFO1234yf High side coupler (41-1062).
  (CO^2 High side coupler also available
  and sold separately (41-1055 or 41-1055B)
- Portable 2.2ltr Nitro Trace® cylinder.
  A mix of nitrogen and
  hydrogen gas (41-0076A).
- Sturdy carry case.

Please note that A/C system must be fully evacuated after use.



R134a Couplers & Hoses

Snap Couplers & Extensions

Part No	R134a
41-1059	

Mastercool® ¼ SAE High Side Manual Coupler with Tap.



Part No	R134a
41-1060	

Mastercool® ¼ SAE Low Side Manual Coupler with Tap.



Part No	R134a
41-1059A	

Mastercool® M14 High Side Manual Coupler.



Part No	R134a
41-1060A	

Mastercool® M14 Low Side Manual Coupler.



Part	R134a
41-1059B	



3/8 SAE High Side Manual Coupler.

Part	R134a
41-1060B	



3/8 SAE Low Side Manual Coupler.

Part No	R134a
41-1059C	

Elke

M14 & ¼ High Side Manual Coupler.



Includes adaptor (44-AAG1014) M14 x M1/4 SAE.

Part No	R134a
41-1060C	

Elke

M14 & ¼ Low Side Manual Coupler.



Includes adaptor (44-AAG1014) M14 x M1/4 SAE.

Part No	R134a
41-1059F	

Parker® ¼ High Side Manual Coupler.



Includes adaptor (44-AAG1014) M14 x M1/4 SAE.

Part No	R134a
41-1060F	

Parker® ¼ Low Side Manual Coupler.



Includes adaptor (44-AAG1014) M14 x M1/4 SAE.

Part	R134a
41-1059D	



Elke ¼ High Side Straight Coupler.

Part	R134a
41-1060D	



Elke ¼ Low Side Straight Coupler.

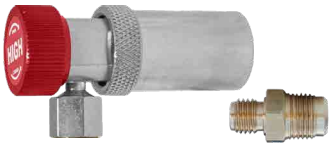
Part No	R134a
41-0027	



Elke High Side to Low Side Straight Adaptor.

For Renault applications.

Part No	R134a
41-0057A	



Elke High Side Extension Coupler M14 incl ¼ Adaptor

For BMW/Volvo/ Ford/Mercedes applications

Part No	R134a
41-0057	



Premium High Side Quick Extension.

For BMW/Volvo/ Ford/Mercedes applications.

Part No	R134a
41-0057F	



Budget High Side Quick Extension.

For BMW/Volvo/ Ford/Mercedes applications.

Part No	R134a
41-0057G	



Budget Low Side Quick Extension.

For BMW/Volvo/ Ford/Mercedes applications.

R134a Hoses

**All diagram measurements are approximate

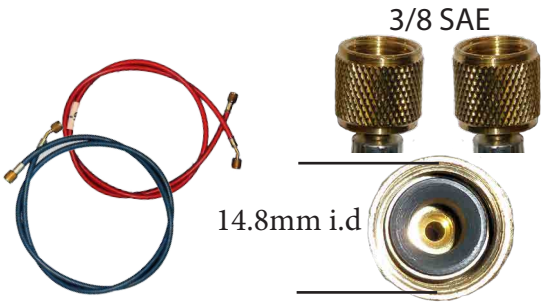
Female ¼ SAE Hoses — R134a

Part No	Size & Colour	Description
42-9196	1.8m	F¼SAE180° to F¼SAE45°
42-9260	1.8m	F¼SAE180° to F¼SAE45°
42-9295	1.8m	F¼SAE180° to F¼SAE45°
42-9196E	3.0m	F¼SAE180° to F¼SAE45°
42-9260E	3.0m	F¼SAE180° to F¼SAE45°
42-9196A	4.0m	F¼SAE180° to F¼SAE45°
42-9260A	4.0m	F¼SAE180° to F¼SAE45°
42-9196C	5.0m	F¼SAE180° to F¼SAE45°
42-9260C	5.0m	F¼SAE180° to F¼SAE45°
42-9196D	7.5m	F¼SAE180° to F¼SAE45°
42-9260D	7.5m	F¼SAE180° to F¼SAE45°



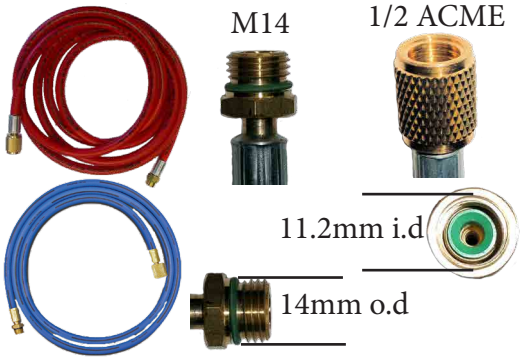
Female ⅜ SAE Hoses — R134a

Part No	Size & Colour	Description
44-9000	1.8m	F⅜SAE180° to F⅜SAE180°
44-9001	1.8m	F⅜SAE180° to F⅜SAE180°
44-9000A	3.0m	F⅜SAE180° to F⅜SAE45°
44-9001A	3.0m	F⅜SAE180° to F⅜SAE45°



Female ½ ACME to M14 Hoses — R134a

Part No	Size & Colour	Description
41-1101	1.8m	F½ACME180° to M14 180°
41-1100	1.8m	F½ACME180° to M14 180°
42-9196B	2.5m	F½ACME180° to M14 180°
42-9260B	2.5m	F½ACME180° to M14 180°
41-1101A	4.0m	F½ACME180° to M14 180°
41-1100A	4.0m	F½ACME180° to M14 180°



Female ½ ACME Hose — R134a

Part No	Size & Colour	Description
41-AAG1113	0.9m	F½ACME180° to F½ACME180°
41-AAG1112	1.8m	F½ACME180° to F½ACME180°



Hose Extras

Part No	Qty
42-AAG1002	

Replacement Rubber O-ring for ¼ hoses.



Qty 1

Part No	Qty
44-1020	

¼ Male to ¼ Male Brass Adaptor.



Qty 1

Part No	Qty
42-AAG1001	

¼ Female to ¼ Male Service Shut-Off Valve.



Qty 1

HFO1234YF Couplers & Hoses

HFO1234yf Snap Couplers, Extensions & Hoses

**All diagram measurements are approximate

Part No	HFO1234yf
41-1062	

Elke High Side M12 Quick Coupler.



Use 41-1065 to adapt this M12 coupler to ¼ hose.

Part No	HFO1234yf
41-1061	

Elke Low Side M12 Quick Coupler.



Use 41-1065 to adapt this M12 coupler to ¼ hose.

Part No	HFO1234yf
41-1062A	

Mastercool® High Side M12 Quick Coupler.



Use 41-1065 to adapt this M12 coupler to ¼ hose.

Part No	HFO1234yf
41-1061A	

Mastercool® Low Side M12 Quick Coupler.



Use 41-1065 to adapt this M12 coupler to ¼ hose.

Part No	HFO1234yf
41-1062F	

Parker® High Side M12 Quick Coupler.



Use 41-1065 to adapt this M12 coupler to ¼ hose.

Part No	HFO1234yf
41-1061F	

Parker® Low Side M12 Quick Coupler.



Use 41-1065 to adapt this M12 coupler to ¼ hose.

Part No	HFO1234yf
41-0057B	



Elke High Side Port Extension.

Part No	HFO1234yf
41-0057C	



Elke Low Side Port Extension.

Part No	HFO1234yf
41-0057E	



Premium High Side Port Extension.

Includes M12 adaptor.

Part No	HFO1234yf
41-0057D	



Premium Low Side Port Extension.

Includes M12 adaptor.

Part No	yf
41-1061B	



Eco Low ¼ Straight Coupler.

Part No	yf
41-1062B	



Eco High ¼ Straight Coupler.

Part No	yf
41-1065	



Adaptor.

Connects an M12 coupler to ¼ hose.

Part No	yf
41-1066	

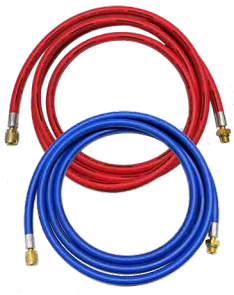


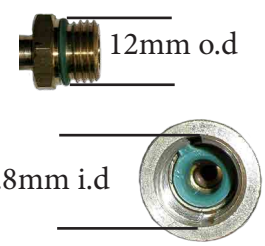
Adaptor.

Connects an M12 coupler to 3/8 hose.

Female ¼ SAE to M12 J2888 Hoses — HFO1234yf

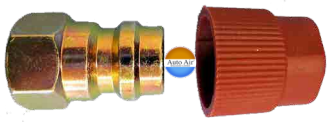
Part No	Size & Colour	Description
42-9161	2.5m	F¼SAE/180° to M12x1.5/180°
42-9162	2.5m	F¼SAE/180° to M12x1.5/180°
42-9164	3.5m	F¼SAE/180° to M12x1.5/180°
42-9163	3.5m	F¼SAE/180° to M12x1.5/180°
42-9165	5.0m	F¼SAE/180° to M12x1.5/180°
42-9166	5.0m	F¼SAE/180° to M12x1.5/180°
42-9167	7.5m	F¼SAE/180° to M12x1.5/180°
42-9168	7.5m	F¼SAE/180° to M12x1.5/180°





Retro Adaptors

Part No	R134a
41-1132	



¼ High Side Adaptor.
For converting R12 to R134a. Also, can be used as a bottle adaptor on 1/4 R134a applications.

Part No	R134a
41-1130	



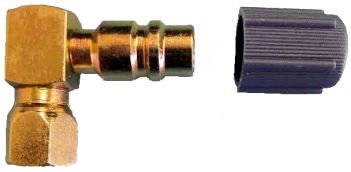
¼ Low Side Adaptor.
For converting R12 to R134a. Also, can be used as a bottle adaptor on 1/4 R134a applications.

Part No	R134a
41-1129	



¼ High Side 90° Adaptor.
For converting R12 to R134a.

Part No	R134a
41-1131	



¼ Low Side 90° Adaptor.
For converting R12 to R134a

Part No	R134a
41-1133	



3/16 High Side Adaptor.
For converting R12 to R134a. Application covers some import vehicles.

Part No	R134a
41-1134	



3/16 High Side 90° Adaptor.
For Converting R12 to R134a. For application on some import vehicles.

Part No	R134a
41-AAG1100	



High Side M12 x 1.25 Screw-in Charge Port.
For Ford, GM and Chrysler.

Part No	R134a
41-AAG1101	



Jaguar/Ford Low Side Valve/Service Port Adaptor M10 x 1.25.

Part No	R134a
41-AAG9987	



Jaguar/Rover High Side Valve/Service Port M15 x 1.0.

41-AAG9888



Jaguar/Rover Low Side Valve/Service Port M13 x 1.0.

CO_2 R744 Snap Couplers

Part No	Size	CO_2
41-1054B	High	
41-1055B	Low	



Budget
Male ¼ SAE
Quick Couplers.
(Fits 41-3007F)
For CO_2 systems.

Part No	Size	CO_2
41-1054	High	
41-1055	Low	

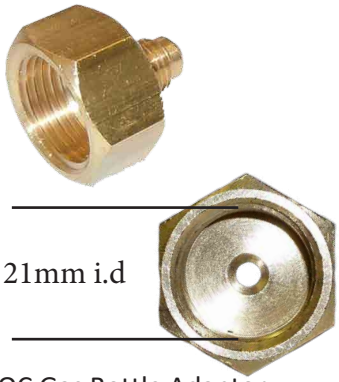


Mastercool®
Male ¼ SAE
Quick Couplers.
(Fits 41-3007G)
For CO_2 systems.

Gas Bottle Adaptors

Gas Bottle Adaptors

Part No	BOC
41-1014	



BOC Gas Bottle Adaptor
1/4" Male to 3/4" female.
Supplied with fibre washer

Part No	R134a
41-1027	



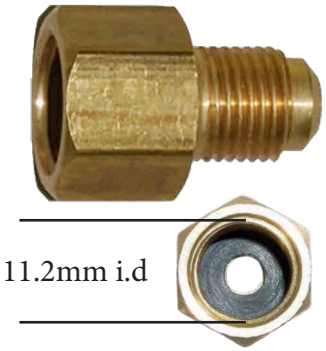
Gas Bottle Adaptor
3/8" male to 1/4" female SAE

Part No	R134a
41-1028	



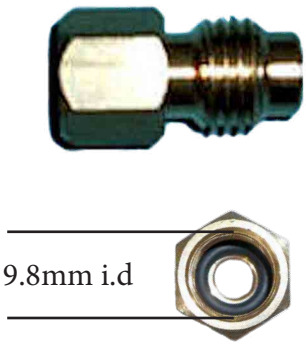
Gas Bottle Adaptor
1/4" male to 3/8" female SAE

Part No	R134a
44-AAG1013	



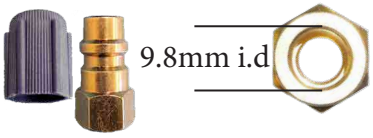
Gas Bottle Adaptor
1/4" male to 1/2" female ACME

Part No	R134a
44-AAG1012	



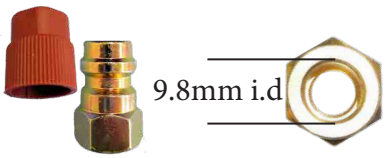
Gas Bottle Adaptor
1/2" Male ACME to 1/4" female

Part No	R134a
41-1130	



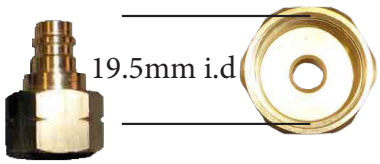
Low Side Bottle Adaptor
Female 1/4"

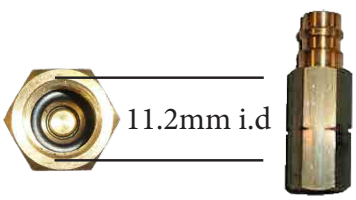
41-1132



High Side Bottle Adaptor
Female 1/4"

Part No	HFO1234yf
44-3017	





Low Side Bottle Adaptors.
For DuPont and Honeywell gas bottles (LH Thread)

Part No	HFO1234yf
44-3018	





High Side Bottle Adaptors.
For DuPont and Honeywell gas bottles (LH Thread)

Part No	HFO1234yf
44-3019	



Low Side Bottle Adaptor
DuPont & Honeywell (LH Thread)
Fits gas bottles from July 2015

44-3020



High Side Bottle Adaptor
DuPont & Honeywell (LH Thread)
Fits gas bottles from July 2015

Valve Core Kits & Valve Core Removal Tools

Part No	Description	HFO1234yf	R134a
41-1009A	*Elke* 76 Piece Valve Core Kit (Kit Quantities shown below. Parts also sold individually)		



41-1019
Length 19mm
Diameter 5.12mm
(standard for many applications)
Kit Qty 20

41-5383A
M8 Neoprene seal.
Length 21.5mm
Diameter 7.8mm
Kit Qty 10

41-5383
JRA import M6.
Length 20mm
Diameter 7.0mm
Kit Qty 5

41-5384
Length 18.7mm
Diameter 6.0mm
(GM, porsche. Gold with black band)
Kit Qty 5

41-5385
Length 21.8mm
Diameter 8.0mm
(black band)
Kit Qty 5

41-5386
Length 22.1mm
Diameter 9.8mm
Kit Qty 5

HFO1234yf
41-5387
Length 18.35mm
Diameter 5.1mm
(Renault)
Kit Qty 5

HFO1234yf
41-5388
Length 27.15mm
Diameter 7.8mm
(BMW, Mini, Rover, Mercedes, Audi, VW.)
Kit Qty 5

HFO1234yf
41-5389
Length 18.5mm
Diameter 6.5mm
(Kia, Hyundai. Gold with black band)
Kit Qty 5

HFO1234yf
41-5390
Length 19.0mm
Diameter 5.12mm
(Standard Schrader)
Kit Qty 5

HFO1234yf
41-5391
Length 21.8mm
Diameter 8.0mm
(Dark red band)
Kit Qty 3

HFO1234yf
41-5392
Length 22.1mm
Diameter 9.8mm
(2 Dark red bands)
Kit Qty 3

Part No	Description	R134a
41-1009	*Elke* 51 Piece Valve Core Kit (Parts also sold individually)	



41-1019
Length 19mm
Diameter 5.12mm
(standard for many applications)
Kit Qty 20

41-5383A
M8 Neoprene seal.
Length 21.5mm
Diameter 7.8mm
Kit Qty 10

41-5383
JRA import M6.
Length 20mm
Diameter 7.0mm
Kit Qty 5

41-5384
Length 18.7mm
Diameter 6.0mm
(GM, porsche. Gold with black band)
Kit Qty 5

41-5385
Length 21.8mm
Diameter 8.0mm
(black band)
Kit Qty 5

41-5386
Length 22.1mm
Diameter 9.8mm
Kit Qty 5

41-AAG1182
Schrader valve core removal tool
Kit Qty 1

Part No	HFO1234yf	R134a
41-AAG1182		



Schrader Valve Removal Tool

Part No	HFO1234yf	R134a
41-1183		



Long Stem Schrader Valve Removal Tool

Part No	R134a
41-1184	



Schrader Valve Removal Tool
Change valve cores without the removal of R134a refrigerant.

604 Piece Maintenance Kit



Professional maintenance kit contains, 1x Universal O-ring kit (43-AAG0357), Double O-ring kit (43-0358A), Valve core kit (inc valves, caps and tools), Springlock garter set and tools.

Part No	Description
43-AAG0357A	*Elke* 604 Piece Maintenance Kit. 4 Trays. (Kit Quantities shown below. Parts also sold individually)

Tray 1

41-1000 11.21mm o.d 7.65mm i.d 1.78mm Thick **Kit Qty 15**	**41-1002** 17.5mm o.d 14.0mm i.d 1.78mm Thick **Kit Qty 15**	**41-1001** 14.38mm o.d 10.82mm i.d 1.78mm Thick **Kit Qty 15**	**41-1003** 20.73mm o.d 17.17mm i.d 1.78mm Thick **Kit Qty 15**	**41-1201** 15.3mm o.d 10.3mm i.d 2.5mm Thick **Kit Qty 15**	**41-1202** 9.14mm o.d 6.34mm i.d 1.4mm Thick **Kit Qty 15**	**41-1203** 12.86mm o.d 9.3mm i.d 1.78mm Thick **Kit Qty 15**	**41-1204** 7.95mm o.d 4.89mm i.d 1.53mm Thick **Kit Qty 15**
41-1205 27.0mm o.d 20.4mm i.d 3.5mm Thick **Kit Qty 15**	**41-1206** 18.3mm o.d 13.3mm i.d 2.5mm Thick **Kit Qty 15**	**41-1207** 25.0mm o.d 20.0mm i.d 2.5mm Thick **Kit Qty 15**	**41-1208** 11.8mm o.d 7.8mm i.d 2.0mm Thick **Kit Qty 15**	**41-1209** 7.5mm o.d 4.5mm i.d 1.5mm Thick **Kit Qty 15**	**41-1210** 11.92mm o.d 8.92mm i.d 1.5mm Thick **Kit Qty 15**	**41-1211** 10.36mm o.d 6.8mm i.d 1.78mm Thick **Kit Qty 15**	**41-1212** 22.0mm o.d 15.0mm i.d 3.5mm Thick **Kit Qty 15**
41-1213 14.0mm o.d 9.0mm i.d 2.5mm Thick **Kit Qty 15**	**41-1214** 10.9mm o.d 7.5mm i.d 1.7mm Thick **Kit Qty 15**	**41-1215** 11.3mm o.d 6.3mm i.d 2.5mm Thick **Kit Qty 15**	**41-1216** 10.5mm o.d 6.5mm i.d 2.0mm Thick **Kit Qty 15**	**41-1217** 10.8mm o.d 7.5mm i.d 1.65mm Thick **Kit Qty 15**	**41-1218** 23.0mm o.d 19.0mm i.d 2.0mm Thick **Kit Qty 15**	**41-1219** 23.8mm o.d 18.5mm i.d 2.65mm Thick **Kit Qty 15**	**41-1220** 20.7mm o.d 16.7mm i.d 2.0mm Thick **Kit Qty 15**
41-1221 7.96mm o.d 4.4mm i.d 1.78mm Thick **Kit Qty 15**	**41-1211** 10.36mm o.d 6.8mm i.d 1.78mm Thick **Kit Qty 15**	**41-1223** 28.5mm o.d 21.5mm i.d 3.5mm Thick **Kit Qty 15**			**41-1221** 7.96mm o.d 4.4mm i.d 1.78mm Thick **Kit Qty 15**	**41-1207** 25.0mm o.d 20.0mm i.d 2.5mm Thick **Kit Qty 15**	

Tray 2

41-1152 Double lip G8 (Fiat) **Kit Qty 5**	**41-1151** Double lip G6 (Fiat) **Kit Qty 5**	**41-1153** Double lip G10 (Fiat) **Kit Qty 5**	**41-1141** Double lip (Pug/Cit 6460P0) **Kit Qty 5**
41-1142 Double lip (Pug/Cit 6160P1) **Kit Qty 5**	**41-1143** Double lip (Ren 1-7001207274) **Kit Qty 5**	**41-1144** Double lip (Ren 2-7001207274) **Kit Qty 5**	**41-1162** Double lip (Ren 3-7001207274) **Kit Qty 5**
41-1111 **Kit Qty 3** Brown seal 10.7mm o.d 7.5mm i.d (Daf,Fiat,Ren,Volvo)	**41-1112** **Kit Qty 3** Brown seal 14.3mm o.d 11mm i.d (Daf,Fiat,Ren,Volvo)	**41-1113** **Kit Qty 3** Brown seal 17.3mm o.d 13.8mm i.d (Daf,Fiat,Ren,Volvo)	**41-1114** **Kit Qty 5** Brown seal 20.3mm o.d 17.3mm i.d (Daf,Fiat,Ren,Volvo)

Tray 3

41-1019

Length 19mm
Diameter 5.12mm
(standard for many applications)
Kit Qty 5

41-5383A

M8 Neoprene seal.
Length 21.5mm
Diameter 7.8mm
Kit Qty 5

41-5384

Length 18.7mm
Diameter 6.0mm
(GM, porsche. Gold with black band)
Kit Qty 5

41-1183

Schrader valve core removal tool
Kit Qty 1

41-AAG9987

Jaguar/Rover High side valve/service port M15x1.0
Kit Qty 2

41-AAG1101

Jaguar/Ford Low side valve/service port adaptor M10x1.25
Kit Qty 2

41-AAG9888

Jaguar/Rover Low side valve/service port M13x1.0
Kit Qty 2

41-AAG1100

High side M12 x 1.25 screw in charge port for Ford, GM, Chrysler.
Kit Qty 2

41-4155 **Kit Qty 5**

Low side valve cap M9 x 1.0 R134a

41-4156 **Kit Qty 5**

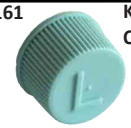
High side valve cap M10 x 1.25 R134a

41-4155A **Kit Qty 5**

Low side valve cap M8 x 1.5 R134a

41-4156A **Kit Qty 5**

High side valve cap M8 x 1.7 R134a

41-4161 **Kit Qty 5**

Low side valve cap 9.0x1.0mm

41-4162 **Kit Qty 5**

High side valve cap 10.0x1.25mm

41-1057

Cap for R12 system 1/4
Kit Qty 5

41-4158

HP Cap M10x1.0
Kit Qty 5

41-4159

LP Cap M8x1.0
Kit Qty 5

Tray 4

41-0011

Springlock coupler G12 (Vauxhall)
Kit Qty 1

41-1250

Garter Spring #6 (Chrysler, Ford, Import)
Kit Qty 10

42-6 SPRINGLOCK

Springlock coupler G6 (Ford)
Kit Qty 1

41-0012

Springlock coupler G10 (Vauxhall)
Kit Qty 1

41-1251

Garter Spring #8 (Chrysler, Ford, Import)
Kit Qty 10

42-8 SPRINGLOCK

Springlock coupler G8 (Ford)
Kit Qty 1

41-0011

Springlock coupler G8 (Vauxhall)
Kit Qty 1

41-1252

Garter Spring #10 (Chrysler, Ford, Import)
Kit Qty 10

42-10 SPRINGLOCK

Springlock coupler G10 (Ford)
Kit Qty 1

41-0012

Springlock coupler G6 (Vauxhall)
Kit Qty 1

41-1253

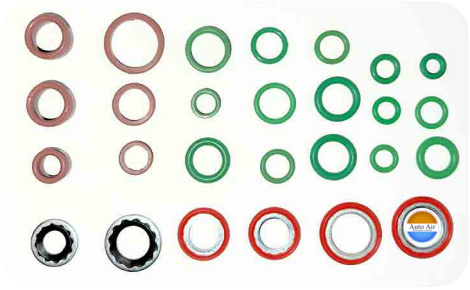
Garter Spring #12 (Chrysler, Ford, Import)
Kit Qty 10

42-12 SPRINGLOCK

Springlock coupler G12 (Ford)
Kit Qty 1

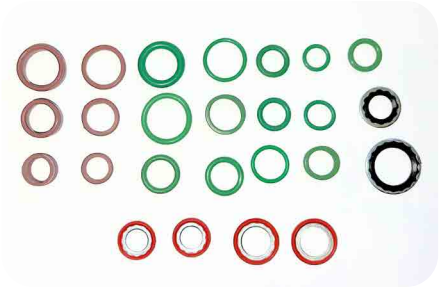
O-Rings & O-Ring Kits

Part No	Description
16-COND	Condenser O-Ring Kit



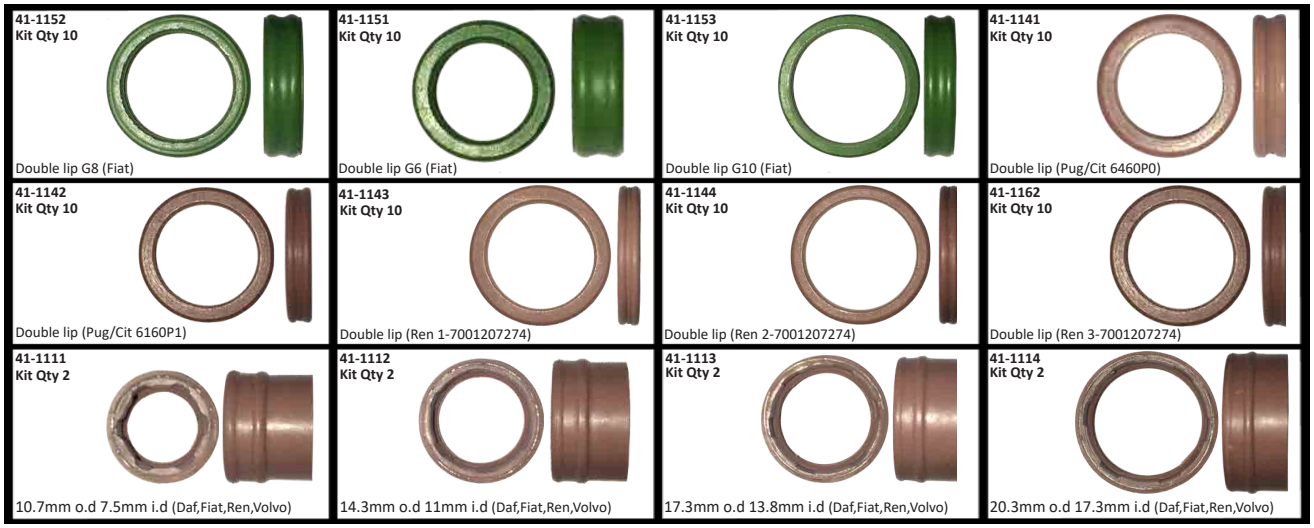
One use condenser O-Ring kit that covers most automotive applications.

Part No	Description
14-COMP	Compressor O-Ring Kit



One use compressor O-Ring kit that covers most automotive applications.

Part No	Description
43-0358A	88 Piece Special O-Ring Kit (Kit Quantities shown below. Parts also sold individually)



O-Ring Lubricant

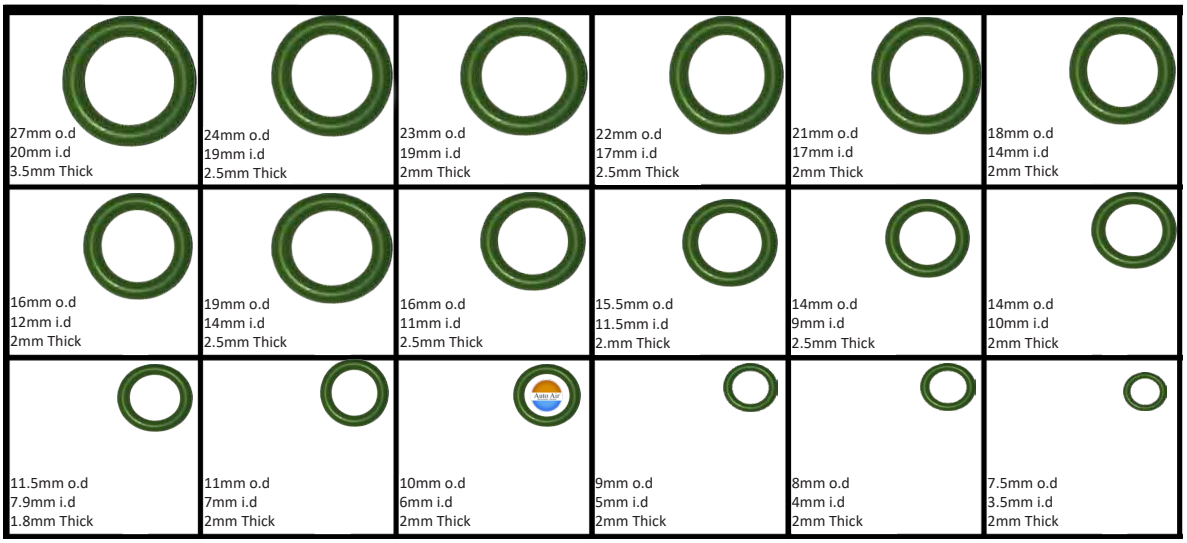
Part No	Description	Qty
41-0003	Silicon Based Lubricant	

- High viscosity Silicone O-ring Lubricant helps hold seals in place when reinstalling condensers & compressors.
- Lubricant helps increase life expectancy of O-rings.
- Resists moisture.
- Withstands high temperatures.
- Easy to apply, comes in convenient squeeze tip bottle.

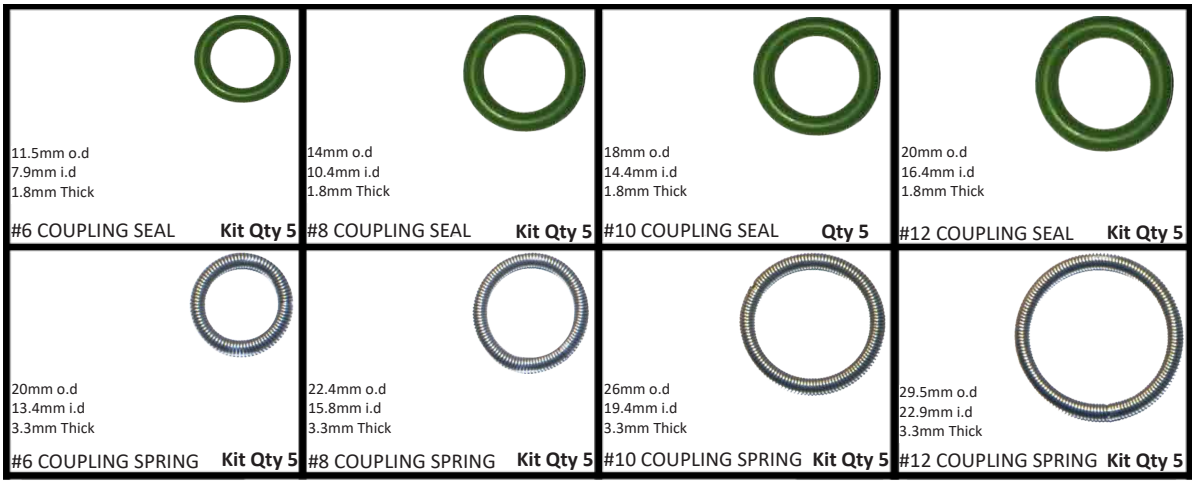


1 Bottle

Part No	Description
43-AAG0357	Universal 250 Piece O-Ring Kit (Parts not available individually)



Part No	Description
43-1000	40 Piece O-Ring & Garter Spring Kit (Parts not available individually)



Part No	Description
41-0025	Elke 24 Piece V5/GM Sealing Washer Kit (Kit Quantities shown below. Parts also sold individually)



Service Cap & Valve Core Kits

Part No	Description	HFO1234yf
41-4168	*Elke* 65 Piece Valve Core & Valve Cap Kit (Kit Quantities shown below. Parts also sold individually)	

41-5390 88.291

Length 19mm
Diameter 5.12mm
Kit Qty 20

41-5391 88.292

Length 21.8mm
Diameter 7.8mm
Kit Qty 5

41-5392 88.293

Length 22.1mm
Diameter 9.8mm
Kit Qty 5

41-5393 88.298

Length 21.5mm
Diameter 7.8mm
Kit Qty 5

41-5394 88.299

Length 20mm
Diameter 7mm
Kit Qty 5

41-4163 88.230

Short Internal Thread
M8 x 1.0 HFO 1234yf
Kit Qty 5

41-4164 88.231

Long Internal Thread
M8 x 1.0 HFO 1234yf
Kit Qty 5

41-4165 88.232

M9 x 1.0 HFO 1234yf
Kit Qty 5

41-4166 88.233

M10 x 0.75 HFO 1234yf
Kit Qty 5

Elke

41-4167 88.234

M10 x 1.25 HFO 1234yf
Kit Qty 5

Part No	Description	R134a &R12
41-5374	*Elke* 60 Piece Service Valve Cap Kit (Kit Quantities shown below. Parts also sold individually)	

41-1057
(88.093)
R12
Service port valve cap
1/4

Kit Qty 5

41-1088
(88.096)
R12
Service port valve cap
3/16

Kit Qty 5

41-4155A
(88.008)
R134a
Low side valve cap
15.0 x 8.0mm

Kit Qty 5

41-4156A
(88.009)
R134a
High side valve cap
17 x 8.0mm

Kit Qty 5

41-4157
(88.100)
R134a
Low side valve cap
M8 x 1.0

Kit Qty 5

41-4158
(88.099)
R134a
High side valve cap
M10 x 1.0

Kit Qty 5

41-4159
(88.098)
R134a
Low side valve cap
M8 x 1.0

Kit Qty 5

41-4160
(88.097)
R134a
High side valve cap
M10 x 1.0

Kit Qty 5

41-4161
(88.101)
Low side Japanese cap
9.0 x 1.0mm

Kit Qty 5

41-4162
(88.102)
High side Japanese cap
10.0 x 1.25mm

Kit Qty 5

41-4155
(88.094)
R134a
Low side valve cap
M9 x 1.0

Kit Qty 5

41-4156
(88.095)
R134a
High side valve cap
M10 x 1.25

Kit Qty 5

Part No	Description	R134a & R12
41-5375	*Elke* 69 Piece Valve Core & Service Cap Kit (Kit Quantities shown below. Parts also sold individually)	

41-1019
88.012

Length 19mm
Diameter 5.12mm
(standard for many applications)
Kit Qty 5

41-5383A
88.022

M8 Neoprene seal.
Length 21.5mm
Dia- 7.8mm
Kit Qty 5

41-5384
88.039

Length 18.7mm
Diameter 6.0mm
(GM, porsche. Gold with black band)
Kit Qty 5

41-1183
13.051

Schrader valve core removal tool
Kit Qty 1

41-AAG9987
88.123

Jaguar/Rover High side valve/service port M15x1.0
Kit Qty 2

41-AAG1101
88.126

Jaguar/Ford Low side valve/service port adap-tor M10x1.25
Kit Qty 2

41-AAG9888
88.125

Jaguar/Rover Low side valve/service port M13x1.0
Kit Qty 2

41-AAG1100
88.128

High side M12 x 1.25 screw in charge port for Ford, GM, Chrysler.
Kit Qty 2

41-4155 Kit Qty 5
88.094

Low side valve cap
M9 x 1.0 R134a

41-4156 Kit Qty 5
88.095

High side valve cap
M10 x 1.25 R134a

41-4155A Kit Qty 5
88.008

Low side valve cap
M8 x 1.5 R134a

41-4156A Kit Qty 5
88.009

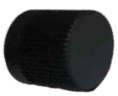
High side valve cap
M8 x 1.7 R134a

41-4161 Kit Qty 5
88.101

Low side valve cap
9.0x1.0mm

41-4162 Kit Qty 5
88.102

High side valve cap
10.0x1.25mm

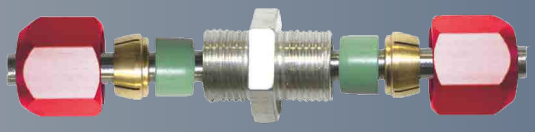
41-1057
88.093

Cap for R12 system 1/4
Kit Qty 5

41-4158
88.099

HP Cap M10x1.0
Kit Qty 5

41-4159
88.098

Cap for R12 systemM8x1.0
Kit Qty 5





Airsplice® Line Repair

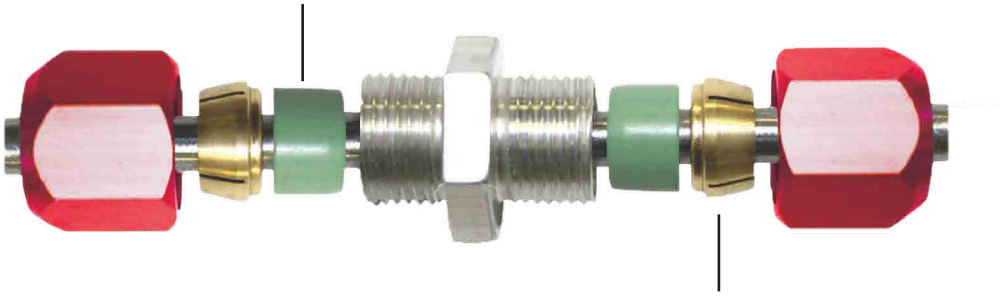
Replacing metal lines can be labour intensive, time consuming, and cost-prohibitive.

Leaking aluminium and steel pipes can now be easily, effectively and reliably fixed in just a couple of minutes. A unique system of clamps and rubber gaskets create a reliable seal.



EXPANDED SEAL SLEEVE SUPERIOR SEALING

Burst resistant up to 2600 PSI



ANTI-VIBRATION TENSION RING

Resists vibration leaks



Part No	Description & Size
41-0088	5/8 & 3/4 (16mm & 19mm) Airsplice® line repair
41-0089	3/8, 5/16 & 1/2 (8mm, 10mm & 12mm) Airsplice® line repair

Splice-Lok® Line Repair Kit

SPLICE LOK® 42 Piece Line Repair Kit

The SPLICE LOK® Line Repair Kit contains an assortment of SPLICE-LOK® fittings for permanent leak repair of any combination of 5/16, 3/8, 1/2, 5/8 and 3/4" diameters of damaged A/C line. This can be done using standard hand tools without removing the lines from the vehicle.

Repairs can be made on the following:

- **SAE and metric aluminium tube-to-tube.**
- **Aluminium tube to rubber hose.**
- **Aluminium tube block off.**

The SPLICE LOK® Line repair Kit® also includes the following features:

- **Compression-style tube repair.**
- **Fast and economical tube and hose repair.**
- **Ability to repair pinhole leaks, cracks, kinks and rub through damage**
- **Compatible with air-conditioning, coolant, transmission, oil or fuel lines. (not brake/clutch systems).**
- **Permanent leak repair.**
- **Compatible with copper/aluminium and steel tubes.**
- **Only hand tools are required.**

Kit Part Number:
41-0082
(ACRK-3)

Parts also sold Separately.









SPLICE LOK® Line Repair Kit (Parts also sold separately)

Part No	Description
41-0082	42 Piece Splice Lok® Line Repair Kit



17-0024 (AC-1-04)
5/16 (8mm) Ferrule **Kit Qty 2**



17-0019 (AC-1-03)
5/16 (8mm) **Seal** **Kit Qty 2**



17-0025 (AC-2-04)
3/8 (10mm) Ferrule **Kit Qty 2**



17-0020 (AC-2-03)
3/8 (10mm) Seal **Kit Qty 2**



17-0026 (AC-3-04)
1/2 (12mm) Ferrule **Kit Qty 2**



17-0021 (AC-3-03)
1/2 (12mm) Seal **Kit Qty 2**



17-0027 (AC-4-04)
5/8 (16mm) Ferrule **Kit Qty 2**



17-0022 (AC-4-03)
5/8 (16mm) Ferrule **Kit Qty 2**



17-0028 (AC-5-04)
3/4 (19mm) Ferrule **Kit Qty 2**



17-0023 (AC-5-03)
3/4 (19mm) Seal **Kit Qty 2**



17-0002 (AC-6-06)
Clinch Clamp
#6 Hose. 5/16 (8mm) **Kit Qty 2**



17-0007 (AC-6-05)
Clinch Clamp Cage
#6 Hose. 5/16 (8mm) **Kit Qty 2**



17-0003 (AC-7-06)
Clinch Clamp
#8 Hose. 13/32(10mm)**Kit Qty 2**



17-0008 (AC-7-05)
Clinch Clamp Cage
#8 Hose. 13/32(10mm)**Kit Qty 2**



17-0004 (AC-8-06)
Clinch Clamp
#10 Hose. 1/2 (13mm)**Kit Qty 2**



17-0009 (AC-8-05)
Clinch Clamp Cage
#10 Hose. 1/2 (13mm)**Kit Qty 2**



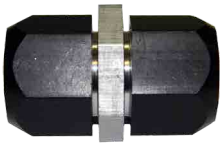
17-0005 (AC-9-06)
Clinch Clamp
#12 Hose. 5/8(16mm) **Kit Qty2**



17-0010 (AC-9-05)
Clinch Clamp Cage
#12 Hose. 5/8 (16mm)**Kit Qty 2**



17-0012 (ACR-046)
Body
5/16, 3/8 and 1/2 Tubing.
(8, 10 & 12mm) **Kit Qty 2**



17-0011 (ACR-045)
Body
5/8, 3/4 and 1/2 Tubing.
(16 & 19mm) **Kit Qty 2**



17-0014 (ACR-056)
Body Tube to Hose
5/16, 3/8 and 1/2 (8, 10 & 12mm) Tubing to
#8 Hose (13/32"/ 10mm
Kit Qty 2



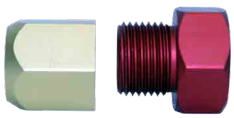
17-0013 (ACR-055)
Body Tube to Hose
5/16, 3/8 and 1/2 (8, 10 & 12mm) Tubing to
#6 Hose (5/16"/ 8mm)
Kit Qty 2



17-0016 (ACR-058)
Body Tube to Hose
5/8 and 3/4
(16 & 19mm) Tubing to
#12Hose(5/8 &16mm)
Kit Qty 2



17-0015 (ACR-057)
Body Tube to Hose
5/16, 3/8 and 1/2 (8, 10 & 12mm) Tubing to #10 Hose
(1/2"/ 13mm)
Kit Qty 2

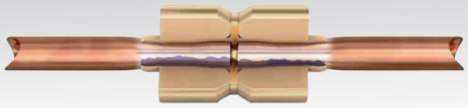


17-0017 (ACR-060)
Block Off Body & Nut
5/16, 3/8 and 1/2"
(8, 10 & 12mm) **Kit Qty 2**



17-0018 (ACR-061)
Block Off Body & Nut
5/8, and 3/4
(16 & 19mm) **Kit Qty 2**

VULKAN LOKRING



Part No	Description
48-0004C	Lokring® Lokpress Cordless Mini Kit

New Product

- Lokring® Lokpress Cordless Mini tool.
- Compatible with standard Lokclip jaws: 8,10,12,16 & 19mm (not included).
- Includes rechargeable battery 10.8V/1.5Ah.
- Spare battery available 48-0004D).
- Recharge time 40mins. Minimum pressings: 100.
- Lightweight @ 2.2kg. LED lamp. Case included.



Part No	Description
48-0004A	Lokring® Tube & Hose Starter Kit

Kit contents:

- Lokring® MZ-V Double offset heavy duty hand tool with Lokclip jaws: 8,10,12,16 & 19mm.
- 1 metre of aluminium tube sizes 1/2, 3/4, 38, 5/16, & 5/8.
- Tube connectors: O/D 8,9.53,10,12,12.7,16,19mm
- Step up/down connectors: 10/9.53, 16/15, 17/16 & 19/18mm.
- Aluminium bends: (45°) 3/8, 1/2 &5/8. (90°) 3/8, 1/2 & 5/8.
- Abrasive mat and 15ml Lockprep.



Part No	Description
48-0004B	Lokring® MZ-V Double Offset Tool



Heavy Duty

Part No	Description
17-200	Lokprep 200 Bond

Anaerobic sealant. Used to seal tube surfaces during assembly of Lokring® service joints.



Hose Key: #6 Hose=8mm Id | #8 Hose=10mm Id | #10 Hose=13mm Id | #12 Hose=16mm Id

Part No	Description	Size
17-6NKAL50	Straight Lokring connector	6mm
17-8NKAL50	Straight Lokring connector	8mm
17-9.53NKAL50	Straight Lokring connector	9.53mm
17-10NKAL50	Straight Lokring connector	10mm
17-12NKAL50	Straight Lokring connector	12mm
17-13NKAL50	Straight Lokring connector	12.7mm
17-15NKAL50	Straight Lokring connector	15mm
17-16NKAL50	Straight Lokring connector	16mm
17-18NKAL50	Straight Lokring connector	18mm
17-19NKAL50	Straight Lokring connector	19mm



Helpful Hint: When connecting aluminium tubes to copper tubes, use a heat shrink sleeve to protect the connection against corrosion.

Part No	Description	Size
17-6VSMS00	Blank Lokring fitting	6mm
17-7VSMS00	Blank Lokring fitting	7mm
17-8VSMS00	Blank Lokring fitting	8mm
17-9.53VSMS00	Blank Lokring fitting	9.53mm
17-12.7VSMS00	Blank Lokring fitting	12.7mm
17-16VSMS00	Blank Lokring fitting	16mm
17-19VSMS00	Blank Lokring fitting	19mm



Part No	Description	Size
17-OD8MM1MTR	5/16 Aluminium tube 1mtr	8mm
17-OD9.53MM1MTR	3/8 Aluminium tube 1mtr	9.53mm
17-OD13MM1MTR	1/2 Aluminium tube 1mtr	12.7mm
17-OD16MM1MTR	5/8 Aluminium tube 1mtr	16mm
17-OD19MM1MTR	3/4 Aluminium tube 1mtr	19mm



Part No	Description	Size
17-9.53NKSAAL50	Lokring to STANDARD #6 hose fitting	9.53mm
17-13NKSAAL50	Lokring to STANDARD #8 hose fitting	12.7mm
17-16NKSAAL50	Lokring to STANDARD #10 hose fitting	16mm
17-19NKSAAL50	Lokring to STANDARD #12 hose fitting	19mm



Part No	Description	Size
17-9.53RBSAAL50	Lokring to REDUCED #6 hose fitting	9.53mm
17-13RBSAAL50	Lokring to REDUCED #8 hose fitting	12.7mm
17-16RBSAAL50	Lokring to REDUCED #10 hose fitting	16mm
17-19RBSAAL50	Lokring to REDUCED #12 hose fitting	19mm



Part No	Description	Size
17-9.53NKLCRAL50	Lokring to REDUCED #6 hose Lokclip	9.53mm
17-12.7NKLCRAL50	Lokring to REDUCED #8 hose Lokclip	12.7mm
17-16NKLCRAL50	Lokring to REDUCED #10 hose Lokclip	16mm
17-19NKLCRAL50	Lokring to REDUCED #12 hose Lokclip	19mm



Part No	Description	Size
17-9.53LCRALS50	Stem to REDUCED #6 hose Lokclip	9.53mm
17-13LCRALS50	Stem to REDUCED #8 hose Lokclip	12.7mm
17-16LCRALS50	Stem to REDUCED #10 hose Lokclip	16mm
17-19LCRALS50	Stem to REDUCED #12 hose Lokclip	19mm



Hose Key: #6 Hose=8mm Id | #8 Hose=10mm Id | #10 Hose=13mm Id | #12 Hose=16mm Id

Part No	Description	Size
17-8NKALSV52	Joiner with R134 service port	8mm
17-9.53NKALSV52	Joiner with R134 service port	9.53mm
17-10NKALSV52	Joiner with R134 service port	10mm
17-12NKALSV52	Joiner with R134 service port	12mm
17-13NKALSV52	Joiner with R134 service port	12.7mm



Part No	Description	Size
17-13NKALSV51	Joiner with R134 service port	12.7mm
17-16NKALSV51	Joiner with R134 service port	16mm
17-19NKALSV51	Joiner with R134 service port	19mm



Helpful Hint: When connecting aluminium tubes to copper or steel tubes with different outer diameters, use the step down connectors listed below.

Part No	Description	Size
17-9.53/6NRAL50	Step down connector	9.53mm-6mm
17-9.53/8NRAL50	Step down connector	9.53mm-8mm
17-10/6NRAL50	Step down connector	10mm-6mm
17-10/8NRAL50	Step down connector	10mm-8mm
17-10/9.53NRAL50	Step down connector	10mm-9.53mm
17-12/10NRAL50	Step down connector	12.7mm-10mm
17-13/9.53NRAL50	Step down connector	12.7mm-9.53mm
17-13/12NRAL50	Step down connector	12.7mm-12mm
17-14/10NRAL50	Step down connector	14mm-10mm
17-16/10NRAL50	Step down connector	16mm-10mm
17-16/13NRAL50	Step down connector	16mm-12.7mm
17-16/15NRAL50	Step down connector	16mm-15mm
17-17/16NRAL50	Step down connector	17mm-16mm
17-19/16NRAL50	Step down connector	19mm-16mm
17-19/18NRAL50	Step down connector	19mm-18mm



Part No	Description	Size
17-9.53B90	90° Aluminium bend	9.53mm
17-13B90	90° Aluminium bend	12.7mm
17-16B90	90° Aluminium bend	16mm
17-19B90	90° Aluminium bend	19mm



Part No	Description	Size
17-9.53B45	45° Aluminium bend	9.53mm
17-13B45	45° Aluminium bend	12.7mm
17-16B45	45° Aluminium bend	16mm



Part No	Description	Size
17-HLF90-3/8	90° Lokring to STANDARD #6 hose	9.53mm
17-HLF90-1/2	90° Lokring to STANDARD #8 hose	12.7mm
17-HLF90-5/8	90° Lokring to STANDARD #10 hose	16mm
17-HLF90-3/4	90° Lokring to STANDARD #12 hose	19mm



Part No	Description	Size
17-HLF45-3/8	45° Lokring to STANDARD #6 hose	9.53mm
17-HLF45-1/2	45° Lokring to STANDARD #8 hose	12.7mm
17-HLF45-5/8	45° Lokring to STANDARD #10 hose	16mm
17-HLF45-3/4	45° Lokring to STANDARD #12 hose	19mm



Helpful Hint: Damaged a thread replacing a component? With Lokring connectors, you can replace O-ring threaded fittings.

Part No	Description	Size
17-OREPFIT6MI	Straight male O-ring insert #6	9.53mm
17-OREPFIT8MI	Straight male O-ring insert #8	12.7mm
17-OREPFIT10MI	Straight male O-ring insert #10	16mm
17-OREPFIT12MI	Straight male O-ring insert #12	19mm



Part No	Description	Size
17-OREPFIT6F	Straight female O-ring #6	9.53mm
17-OREPFIT8F	Straight female O-ring #8	12.7mm
17-OREPFIT10F	Straight female O-ring #10	16mm
17-OREPFIT12F	Straight female O-ring #12	19mm



Part No	Description	Size
17-OREPFIT6M	Straight male O-ring #6	9.53mm
17-OREPFIT8M	Straight male O-ring #8	12.7mm
17-OREPFIT10M	Straight male O-ring #10	16mm
17-OREPFIT12M	Straight male O-ring #12	19mm



Part No	Description	Size
17-TL9.53	Tube to STANDARD #6 hose crimp fitting	9.53mm
17-TL13	Tube to STANDARD #8 hose crimp fitting	12.7mm
17-TL16	Tube to STANDARD #10 hose crimp fitting	16mm
17-TL19	Tube to STANDARD #12 hose crimp fitting	19mm



Part No	Description	Size
17-9.53RBTL	Tube to REDUCED #6 hose crimp fitting	9.53mm
17-13RBTL	Tube to REDUCED #8 hose crimp fitting	12.7mm
17-16RBTL	Tube to REDUCED #10 hose crimp fitting	16mm
17-19RBTL	Tube to REDUCED #12 hose crimp fitting	19mm



Burgaclip® Range



To ensure that the connection seals properly please follow the below steps:

1. Lightly sand the pipe ends with fine sand paper to remove dirt and debris.

2. Apply Lokprep to both ends of the pipe, making sure that the Lokprep does not enter the pipe.

3. Insert the pipe ends into the the Lokring connector ensuring the pipe ends are inserted to the inner limit and remain fixed in this position.

4. Close the Lokring connection up ensuring that both sides close fully and meet the centre stop.

FOR USE WITH REDUCED BORE HOSE ONLY **1 CASE & 2 CLIPS NEEDED PER FITTING**

Part No	Description
17-0006	Burgaclip® Tool

Heavy duty hand tool for quick and easy tightening of Burgaclip® metal clips.



Part No	Description	Size
17-1001B	Straight female O-ring Burgaclip fitting	No.6
17-2001B	Straight female O-ring Burgaclip fitting	No.8
17-3001B	Straight female O-ring Burgaclip fitting	No.10



Part No	Description	Size
17-1002B	45° female O-ring Burgaclip fitting	No.6
17-2002B	45° female O-ring Burgaclip fitting	No.8
17-3002B	45° female O-ring Burgaclip fitting	No.10



Part No	Description	Size
17-1003B	90° female O-ring Burgaclip fitting	No.6
17-2003B	90° female O-ring Burgaclip fitting	No.8
17-3003B	90° female O-ring Burgaclip fitting	No.10



Part No	Description	Size
17-1008B	Straight male O-ring Burgaclip fitting	No.6
17-2008B	Straight male O-ring Burgaclip fitting	No.8
17-3008B	Straight male O-ring Burgaclip fitting	No.10



Part No	Description	Size
17-1009B	45° male O-ring Burgaclip fitting	No.6
17-2009B	45° male O-ring Burgaclip fitting	No.8
17-3009B	45° male O-ring Burgaclip fitting	No.10



Part No	Description	Size
17-1010B	90° male O-ring Burgaclip fitting	No.6
17-2010B	90° male O-ring Burgaclip fitting	No.8
17-3010B	90° male O-ring Burgaclip fitting	No.10



Part No	Description	Size
17-1011B	Straight male Insert Burgaclip fitting	No.6
17-2011B	Straight male Insert Burgaclip fitting	No.8
17-3011B	Straight male Insert Burgaclip fitting	No.10



Part No	Description	Size
17-1012B	45° male Insert Burgaclip fitting	No.6
17-2012B	45° male Insert Burgaclip fitting	No.8
17-3012B	45° male Insert Burgaclip fitting	No.10



Part No	Description	Size
17-1013B	90° male Insert Burgaclip fitting	No.6
17-2013B	90° male Insert Burgaclip fitting	No.8
17-3013B	90° male Insert Burgaclip fitting	No.10



Part No	Description	Size
17-1014B	Inline Splicer Burgaclip fitting	No.6
17-2014B	Inline Splicer Burgaclip fitting	No.8
17-3014B	Inline Splicer Burgaclip fitting	No.10
17-4014B	Inline Splicer Burgaclip fitting	No.12



Part No	Description	Size
17-0007	Burgaclip Plastic Case	No.6
17-0008	Burgaclip Plastic Case	No.8
17-0009	Burgaclip Plastic Case	No.10
17-0010	Burgaclip Plastic Case	No.12



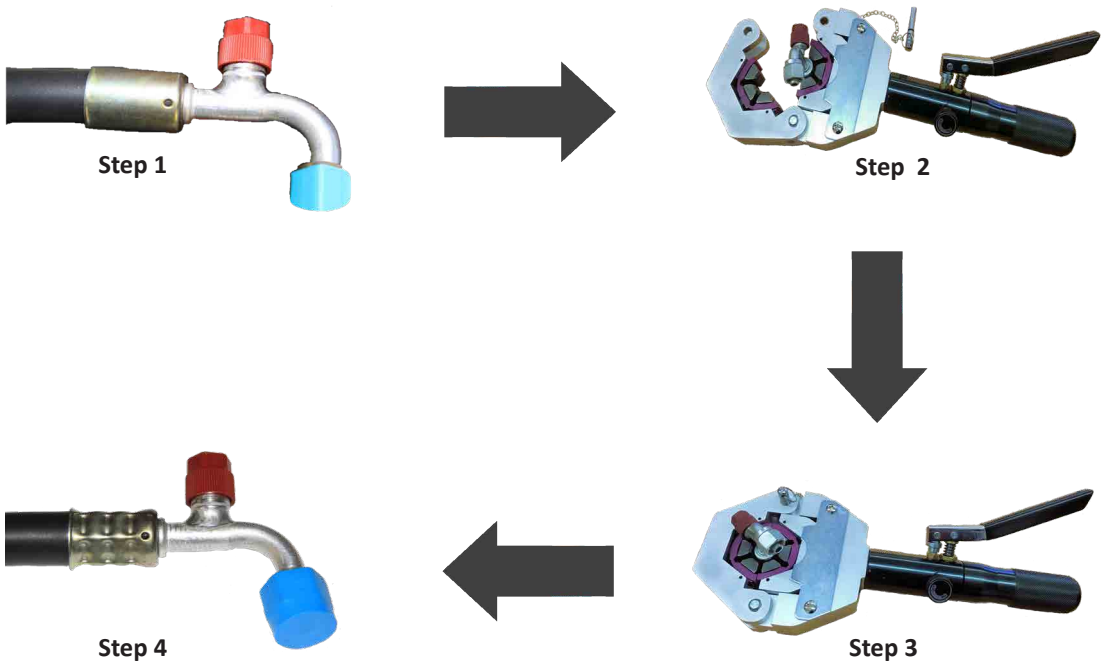
Part No	Description	Size
17-0002	Burgaclip Metal Clip	No.6
17-0003	Burgaclip Metal Clip	No.8
17-0004	Burgaclip Metal Clip	No.10
17-0005	Burgaclip Metal Clip	No.12



Hydraulic Hand Crimper & Die Kit

Installing air conditioning is something that is easy to do with one exception—making the necessary hoses. Generally, the required hoses and the necessary ends are included, however those ends must be crimped onto the hose to make a leak-free union. The crimping kit comes with eight sets of dies and is operated manually. The sturdy construction and simple operation produce professional-looking, leak-free connections.
The fittings used are the Beadlock style. The ferrule is locked onto the tube; the crimping tool compresses it, which locks the hose in place.

Pic 1 Please note the hole in the ferrule; it confirms that the hose is fully located in the fitting. The 90° fitting shown includes a service port for charging the system.
Pic 2 With the proper die in place the fitting is centered fore and aft in the clamp, which is closed and locked with a pin.
Pic 3 By pumping the handle it squeezes the die together. The job is complete when the handle will not pump any more.
Pic 4 The finished crimp is tight and professional looking.



Part No	Description
48-0003	Hydraulic Crimper for Standard & Reduced Bore Hose Crimp Fittings

Dies included in the kit are:

- REDUCED BORE 6,8,10,12
- STANDARD BORE 8,10,12

Please note that number 8 reduced bore die is also used to crimp the standard bore no.6 fitting.



FOR REDUCED BORE HOSE ADD AN "S" TO THE END OF THE PART NUMBER

Part No	Description	Size
17-1001	Straight Female O-ring Hose Crimp fitting	No.6
17-2001	Straight Female O-ring Hose Crimp fitting	No.8
17-3001	Straight Female O-ring Hose Crimp fitting	No.10
17-4001	Straight Female O-ring Hose Crimp fitting	No.12



Part No	Description	Size
17-1002	45° Female O-ring Hose Crimp fitting	No.6
17-2002	45° Female O-ring Hose Crimp fitting	No.8
17-3002	45° Female O-ring Hose Crimp fitting	No.10
17-4002	45° Female O-ring Hose Crimp fitting	No.12



Part No	Description	Size
17-1003	90° Female O-ring Hose Crimp fitting	No.6
17-2003	90° Female O-ring Hose Crimp fitting	No.8
17-3003	90° Female O-ring Hose Crimp fitting	No.10
17-4003	90° Female O-ring Hose Crimp fitting	No.12



Part No	Description	Size
17-1004	180° Female O-ring Hose Crimp fitting ("S" n/a)	No.6
17-2004	180° Female O-ring Hose Crimp fitting ("S" n/a)	No.8
17-3004	180° Female O-ring Hose Crimp fitting ("S" n/a)	No.10
17-4004	180° Female O-ring Hose Crimp fitting ("S" n/a)	No.12



Part No	Description	Size
17-1008	Straight male O-ring Hose Crimp fitting	No.6
17-2008	Straight male O-ring Hose Crimp fitting ("S" n/a)	No.8
17-3008	Straight male O-ring Hose Crimp fitting	No.10
17-4008	Straight male O-ring Hose Crimp fitting	No.12



Part No	Description	Size
17-1009	45° Male O-ring Hose Crimp fitting	No.6
17-2009	45° Male O-ring Hose Crimp fitting	No.8
17-3009	45° Male O-ring Hose Crimp fitting ("S" n/a)	No.10



Part No	Description	Size
17-1010	90° Male O-ring Hose Crimp fitting	No.6
17-2010	90° Male O-ring Hose Crimp fitting ("S" n/a)	No.8
17-3010	90° Male O-ring Hose Crimp fitting	No.10
17-4010	90° Male O-ring Hose Crimp fitting	No.12



Part No	Description	Size
17-1011	Straight male O-ring insert Hose Crimp fitting	No.6
17-2011	Straight male O-ring insert Hose Crimp fitting	No.8
17-3011	Straight male O-ring insert Hose Crimp fitting	No.10
17-4011	Straight male O-ring insert Hose Crimp fitting	No.12



Beadlock® Crimp Fittings

Part No	Description	Size
17-1012	45° Male O-ring insert Hose Crimp fitting ("S" n/a)	No.6
17-3012	45° Male O-ring insert Hose Crimp fitting	No.10
17-4012	45° Male O-ring insert Hose Crimp fitting	No.12



Part No	Description	Size
17-1013	90° Male O-ring insert Hose Crimp fitting	No.6
17-2013	90° Male O-ring insert Hose Crimp fitting	No.8
17-3013	90° Male O-ring insert Hose Crimp fitting	No.10
17-4013	90° Male O-ring insert Hose Crimp fitting ("S" n/a)	No.12



Part No	Description	Size
17-1014	Straight splicer Crimp fitting	No.6
17-2014	Straight splicer Crimp fitting	No.8
17-3014	Straight splicer Crimp fitting	No.10
17-4014	Straight splicer Crimp fitting	No.12



Part No	Description	Size
17-1005	Female O-ring R134 port Hose Crimp fitting	No.6
17-2005	Female O-ring R134 port Hose Crimp fitting	No.8
17-3005	Female O-ring R134 port Hose Crimp fitting	No.10



Part No	Description	Size
17-1006	45° Female O-ring R134 port Hose Crimp fitting	No.6
17-2006	45° Female O-ring R134 port Hose Crimp fitting	No.8
17-3006	45° Female O-ring R134 port Hose Crimp fitting	No.10



Part No	Description	Size
17-1007	90° Female O-ring R134 port Hose Crimp fitting	No.6
17-2007	90° Female O-ring R134 port Hose Crimp fitting	No.8
17-3007	90° Female O-ring R134 port Hose Crimp fitting	No.10



Part No	Description	Size
17-1015	Straight splicer R134 port Hose Crimp fitting	No.6
17-2015	Straight splicer R134 port Hose Crimp fitting	No.8
17-3015	Straight splicer R134 port Hose Crimp fitting	No.10
17-4015	Straight splicer R134 port Hose Crimp fitting	No.12



Part No	Description	Size
41-1016	6 O-Ring x 6 Flare Adaptor “top hat”	No.6
41-1017	8 O-Ring x 8 Flare Adaptor “top hat”	No.8
41-1018	10 O-Ring x 10 Flare Adaptor “top hat”	No.10



Standard Bore Hose 15m Reel

Part No	Inner Diameter	Outer Diameter	Length
17-6 HOSE STANDARD 15M	7.9mm	18.3mm	15mtrs
17-8 HOSE STANDARD 15M	10.3mm	22.4mm	15mtrs
17-10 HOSE STANDARD 15M	12.7mm	24.6mm	15mtrs
17-12 HOSE STANDARD 15M	15.9mm	27.7mm	15mtrs



Reduced Bore Hose 15m Reel

Part No	Inner Diameter	Outer Diameter	Length
17-6 HOSE M/B 15M	8.3mm	14.8mm	15mtrs
17-8 HOSE M/B 15M	10.6mm	17.2mm	15mtrs
17-10 HOSE M/B 15M	13mm	19.4mm	15mtrs
17-12 HOSE M/B 15M	16mm	23.6mm	15mtrs



Hose Ferrules (For Reduce Bore add an "S" to the end of the part number)

Part No	Description	
17-1016	Standard bore Hose ferrule	No.6
17-2016	Standard bore Hose ferrule	No.8
17-3016	Standard bore Hose ferrule	No.10
17-4016	Standard bore Hose ferrule	No.12



Hose Cutters

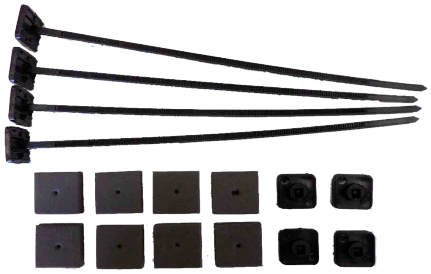
Part No	Description
41-1155	Hose Cutter

Scissor action hand held rubber hose cutter.



Part No	Description
05-AAG60145	Fan Cable Ties

For use with Spal Fans.



Anti-Condensation Tape

Part No	Description
22-AAGQ201	Anti-Condensation Tape

Tar cork tape commonly used to resolve problems such as pipe sweating in refrigerant pipe lines and control condensation by effective heat insulation.



Length: 9m

Fin Combs

Part No & Desc	Part No & Desc
48-0005A	48-0005



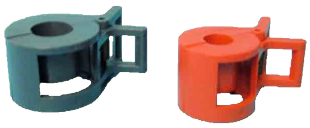
A Set of Six Fin Combs.



Condenser Fin Comb.

Springlock Tools

Spring Lock Tools

Part No	Description
41-0010	Set of Four Ford Spring Lock Tools These tools make it easier to disconnect A/C pressure lines on selected Ford vehicles. (Will fit some other applications too) 
41-0012	Set of Two VW Spring Lock Tools These tools make it easier to disconnect A/C pressure lines on selected VW vehicles. 
41-0011	Set of Two GM Spring Lock Tools These tools make it easier to disconnect A/C pressure lines on selected GM vehicles. 
41-0013	Mercedes Suction Line Spring Lock Tool These tools make it easier to disconnect A/C pressure lines on Mercedes W-211 vehicles. Suction line only 
41-0014	Smart Car Suction Line Spring Lock Tool This tool makes it easier to disconnect A/C pressure lines on selected Smart vehicles. Suction line only 
41-0015	Toyota Spring Lock Tool This tool makes it easier and safer to disconnect A/C pressure lines on selected Toyota vehicles. 
41-0108	Audi Spring Lock Tool This tool makes it easier and safer to disconnect A/C pressure lines on selected Audi vehicles. 
41-0084	Toyota LP Special Clamp LP special clamp for Toyota applications. 
41-0085	Toyota HP Special Clamp HP special clamp for Toyota applications. 

Orifice Tube & Garter Spring Kits

Part No	Description
41-1010	Orifice Tube Kit



Part No	Description
42-1000	Orifice Tube Removal Kit



Handy tool to remove orifice tubes.

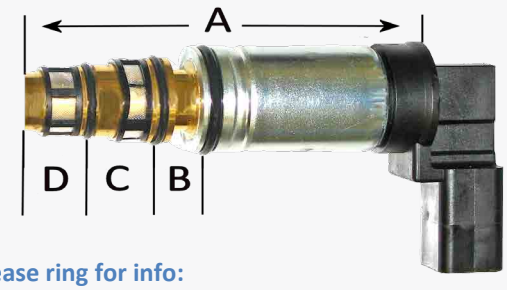
Part No	Description
42-1001	Orifice Tube Removal Tool

Tool for removing broken orifice tube,
Saves an embarrassing trip to the doctor.
strong metal construction.



Compressor Control Valves

Part No	Description	Type: SANDEN
44-9808	PXE13/PXE16 VALVE	



Please ring for info:

Part No	Description	Type: SANDEN
44-9809	PXE13/16/SD6V12 VALVE	



A=73.0mm B=2 Holes
C=2 Holes+micro filter D=2 Holes

Part No	Description	Type: SANDEN
44-9810	SD7C16 VALVE	



A=92.0mm B=4 Holes + micro filter
C=4 Holes D=2 Holes

Part No	Description	Type: SANDEN
44-9811	PXE14/PXE16 OPEL VALVE	



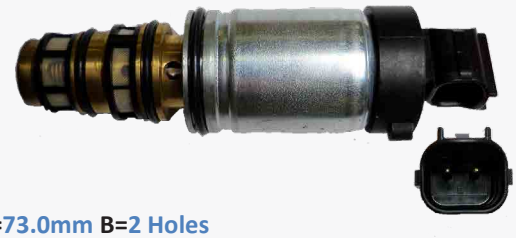
A=73.3mm B=2 Holes
C=4 Holes + micro filter D=2 Holes

Part No	Description	Type: VARIOUS
44-9812	AUDI/MERC/BMW VALVE	



A=83.5mm B=1 Hole
C=4 Holes + micro filter D=4 Holes + micro filter

Part No	Description	Type: DELPHI CVC
44-9814	VAUX/OPEL 14/16 VALVE	



A=73.0mm B=2 Holes
C=6 Holes + micro filter D=2 Holes + micro filter

Part No	Description	Type: VARIOUS
44-9815	BMW VALVE	



A=73.5mm B=2 Holes
C=6 Holes + micro filter D=2 Holes + micro filter

Part No	Description	Type: CALSONIC
44-9817	BMW CSE613 VALVE	



A=80.5mm B=2 Holes
C=No Holes + micro filter D=No Holes + micro filter

Compressor Control Valves

Part No	Description	Type: DENSO
44-9800	CONTROL VALVE 7SEU17	



A=83mm B=1 Hole
C=2 Holes D=2 Holes

Part No	Description	Type: DENSO
44-9801	CONTROL VALVE 7SEU16/17	



A=82.5mm B=1 Hole
C=2 Holes D=2 Holes

Part No	Description	Type: DENSO
44-9802	CONTROL VALVE 7SEU16/17	



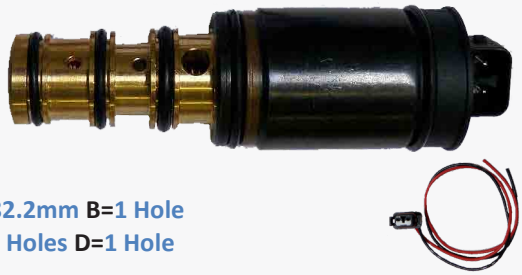
A=82.5mm B=1 Hole
C=2 Holes D=2 Holes

Part No	Description	Type: DENSO
44-9804	CONTROL VALVE 6SE/7S	



A=82.5mm B=2 Holes
C=4 Holes D=2 Holes

Part No	Description	Type: DENSO
44-9805	CONTROL VALVE 6SEU	



A=82.2mm B=1 Hole
C=2 Holes D=1 Hole

Part No	Description	Type: DENSO
44-9806	CONTROL VALVE 6SEU16C	



A=82.5mm B=1 Hole
C=2 Holes D=2 Holes

Part No	Description	Type: DENSO
44-9807	CONTROL VALVE 6SEU12C	



A=83.5mm B=1 Hole
C=2 Holes D=2 Holes

Part No	Description	Type: DENSO
44-9813	5SL12C VALVE FIAT	



A=53.5mm B=2 Holes
C=No Holes D=No Holes

Compressor Front Hubs, Hub Removers & Rubber Dampeners

Part No	Description	Denso
44-9709	Replacement Hub	



Denso clutch-less steel front hub.

Part No	Description	Denso
44-9710	Replacement Hub	



Replacement Denso clutch-less steel/plastic front hub.

Part No	Description	Denso
44-9711	Replacement Hub	



Replacement Denso front limiter steel/plastic hub.

Part No	Description	Denso
44-9712	Replacement Hub	



Replacement Denso clutch-less steel front hub.

Part No	Description	Denso
44-9713	Replacement Hub	



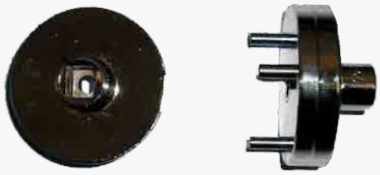
Replacement Denso clutch-less steel/plastic front hub for 5SEO9C.

Part No	Description	Denso
44-9798	Hub Remover	



HUB REMOVER for Denso compressors 7SEU type.

Part No	Description	Denso
44-9799	Hub Remover	



HUB REMOVER for Denso. 1/2" socket connection with a 2" pin distance on the face of the puller.

Part No	Description	Various
41-1103	Hub Remover	



HUB REMOVER. Universal hub puller.

Part No	Description	Denso
44-9796	Replacement Rubber dampener	



Denso rubber dampener for 5SE09C.
Sold individually. Qty 1

Part No	Description	Denso
44-9797	Replacement Rubber dampener	



Denso rubber dampener for 5SEU, 5SL, 6EU & 7EU.
Sold individually. Qty 1

Compressor Bearings



Part No	Description & Size
44-9702	40x62x24mm Compressor Bearing. Fits Sanden.
44-9700	47x30x12mm Compressor Bearing. Fits Denso, Sanden, MSC & Mitsubishi.
44-0632	50x35x20mm Compressor Bearing. Fits Sanden & Visteon.
44-AAG0040	52x30x22mm Compressor Bearing. Fits Denso 10PA 15/17/20.
44-9701	52x35x12mm Compressor Bearing. Fits Denso Scroll.
44-9703	55x35x20mm Compressor Bearing. Fits Zexel, Sanden & Panasonic.
44-AAG0657	52x35x22mm Compressor Bearing. Fits Denso, CVC & Calsonic.
44-9707	54x38x17mm Compressor Bearing. Fits Denso.
44-9708	55x32x23mm Compressor Bearing. Fits Panasonic & Matsushita.
44-AAG0644	55x30x23mm Compressor Bearing. Fits Visteon Scroll FS10.
44-AAG0659	62x40x20mm Compressor Bearing. Fits GM V5,R4,DA6 & A6. Visteon FS6.

Compressor Guard & Replacement Filters

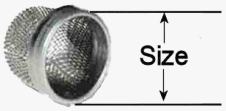
Part No	Description
41-0021	Compressor Guard

The Compressor Guard protects the system from debris entering the compressor using a mesh filter on the suction port.



Part No	Description	Size O/D
41-0028	Blue Mesh Filter Pk5	11.96mm
41-0029	Black Mesh Filter Pk5	12.95mm
41-0030	Yellow Mesh Filter Pk5	13.23mm
41-0031	Green Mesh Filter Pk5	13.49mm
41-0032	Purple Mesh Filter Pk5	13.67mm
41-0033	Black Mesh Filter Pk5	14.02mm
41-0034	Black Mesh Filter Pk5	15.11mm
41-0035	Green Mesh Filter Pk5	15.70mm



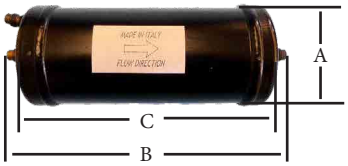


A/C Machine Filters

A/C Machine Filters

Part No	Description
41-0069	Wigam® & CTR® Filter

Filter for Wigam® & CTR® Charging Stations.



A=76mm x B=230mm C= 185mm 1/4 Flare

Part No	Description
41-0072	Robinair® SPX® Filter

Filter for Robinair® SPX Charging Stations.



A=90mm x B=294mm C=248mm 1/4 O-Ring

Part No	Description
41-0070	Krios®Ecotechnic®Mavre®Spin®

Filter for Krios® Ecotechnics® Mavre® Spin® charging stations.



A=76mm x B=140mm C=115mm 1/4 Flare

Part No	Description
41-0073	Texa® Filter

Filter for TEXA® charging stations.



A=76mm x B=240mm C=200mm 3/8 O-Ring

Part No	Description
41-0071	Robinair® SPX® Filter

Filter for Robinair® SPX® 17700-2K, 34134A,34134-2K, 342000,34234, 34300-2K, 34700, 34700-2K,34700Z, 34788,34800-2K, 34900.



A=76mm x B=275mm C=254mm Coupler Type

Part No	Description
41-0086	Brain Bee® Filter

Filter for Brain Bee® charging stations. Weu303moi.



A=76mm x B=243mm C=190mm 3/8 Flare

Part No	Description
41-7774	ISC® Filter

Filter for Texa® & ISC® charging stations.



A=76mm x B=230mm C=196mm 3/8 O-Ring

Part No	Description
41-7776	ISC® Filter

Filter for ISC® charging stations.



A=63mm x B=200mm C=170mm 3/8 O-Ring

Part No	Description
41-7777	Air Solutions® Oksys® Filter

Filter for Air Solutions® & Oksys® charging stations.



A=63mm x B=160mm C=115mm 1/4 Flare

Part No	Description
41-7780	Waeco® Filter

NEW FOR 2025

Filter for Waeco® charging stations.



A=67mm X B=275mm C=250mm Pad fitting

Part No	Description
41-7781	Bosch® Filter

NEW FOR 2025

Filter for Air Bosch® charging stations.



A=76mm x B=213mm C=165mm 3/8-12UNF-2A

Part No	Description
41-7782	Brain Bee® – Mahle® Filter

NEW FOR 2025

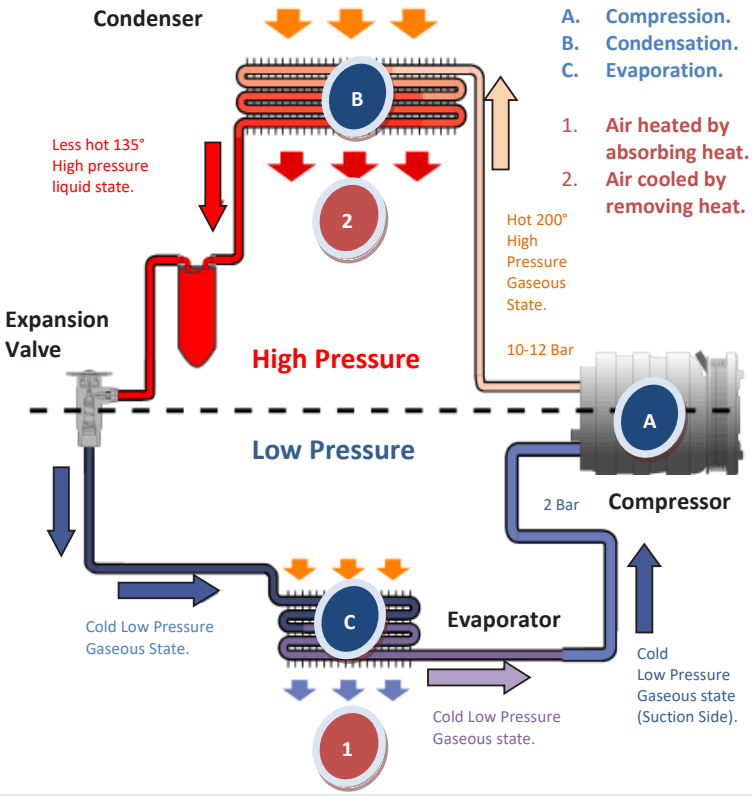
Filter for Air Brain Bee® & Mahle® charging stations.



A=76mm x B=170mm C=107mm 3/8 Flare

Air Conditioning (AC or A/C) is the process of removing heat from the interior of an occupied space to improve the comfort of the occupants. The processes listed below are an example of the most used in automotive vehicles.

Refrigerant gas vapour mixed with compressor lubricant oil enters the compressor and is compressed to a higher pressure. The result is a higher temperature. This hot, compressed refrigerant vapour is now at a temperature and pressure at which it can be condensed. This is then routed through a condenser which is usually located in front of the vehicle's radiator. Here, the refrigerant is cooled by air flowing across the condenser's fins.
A radiator fan or the vehicle's general movement forward increases cooling.
The High-pressure gas is condensed into a high-pressure liquid.



The condensed and pressurised liquid refrigerant is then routed through the receiver drier.
A receiver drier's internals comprise of a one-way desiccant filter that both dehydrates the refrigerant and compressor lubricant oil mixture in order to remove any residual water content (which would become ice inside the expansion valve and therefore clog it). The receiver-drier also helps filter and remove any solid particles carried by the liquid gas/oil. The Liquid gas and oil is then forced through an expansion valve where it undergoes an abrupt reduction in pressure. The pressure reduction results in flash evaporation which lowers its temperature.
The cold refrigerant is then routed through the evaporator in the passenger compartment. The air after being filtered by a cabin filter, is blown by a variable speed blower motor across the evaporator, causing the liquid part of the cold refrigerant mixture to evaporate, further lowering the temperature. The warm air is cooled and deprived of any humidity (which condenses on the evaporator fins) and is drained externally. Cold air is then delivered through the interior vents.

Marketing Support

Part No	Description
40-0014	Complete Marketing Pack
40-0012	Exterior Wall Sign
40-0010	Shop Wall Poster

Exterior Wall Sign: (800mm x 500mm) Qty 1
Shop Wall Poster: (420mm x 300mm) Qty 1



42-0010



42-0012

Replacing a failed A/C compressor

Any work carried out on A/C systems should be undertaken by a competent person who has a full understanding on how the system works. Electric/hybrid cars require a greater level of care due to their extreme high operation voltage. It is highly recommended that the correct type and viscosity of oil (as per OEM recommendations) is used.

It is important to remember that compressors do not "just fail" there will be a reason for its failure and this must be found and rectified prior to the new compressor being fitted.

CORRECT INSTALLATION OF A COMPRESSOR

- **Firstly, visually inspect the replacement compressor checking for any damage and that it is complete.**



NEW UNIT



OLD UNIT

- **Empty the refrigerant in the system with certified equipment then remove the old unit. Again make sure the new unit matches the old unit by checking the clutch alignment, mounting points and electrical plug connection. In some cases it may be necessary to swap the hose manifold, pressure switch or electrical plug from the old unit onto the new unit.**

- **New compressors are generally supplied with a charge of oil, unless stated otherwise in the box or on the new compressor.**
  IT IS ADVISABLE TO CHECK TO ENSURE IT HAS THE CORRECT OIL QUANTITY FOR YOUR VEHICLE.

- **When a compressor is removed approximately 70% of the oil will remain in the system's evaporator, condenser and hoses/pipes. Because of this you MUST flush the system to remove any excess oil and any debris from the old failed compressor.**



Dry Air Flushing Kit
41-50014



Mobile Nitrogen Flushing Kit
41-50020

- **You MUST change the receiver drier EVERYTIME you open the system but especially once you have changed a compressor, because debris could be hiding inside the filter.**

- **Once the system has been completely flushed and all the flush has been removed the new compressor can now be installed, checking the clutch alignment once again. Rotate the front plate 10 times clockwise and 10 times anti clockwise to remove any oil build up in the compressor (this will help prevent liquid locking upon the first start up).**

- **Vacuum the system for a minimum of 45 mins, this will remove any moisture that has managed to enter the system when replacing the failed compressor.**

- **Recharge the system checking fan and clutch operation. Make sure to check that the air temperature coming out of the vents remains above freezing point at all times.**

Cool Zone
Automotive

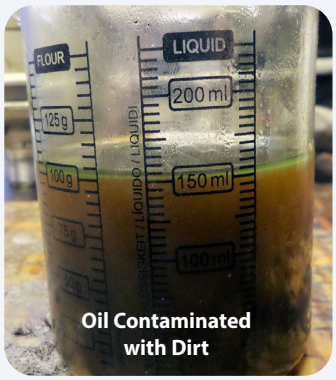
A/C Systems: to flush or not to flush

Fitted on nearly all new production cars, air conditioning offers lucrative servicing and repair work for an independent garage

A/C systems only have one moving component - the compressor. Oil circulates through the system, lubricating each component (condenser, evaporator, receiver drier/accumulator, expansion valve and hoses). Any debris or contamination will affect every component. To remove the debris, the oil must be removed by carrying out a full system flush.

When to flush?

When the compressor is removed, drain the oil to check its cleanliness. If the oil looks contaminated the system must be flushed. It is advisable to flush every time the compressor is changed to be 100% certain of the system oil charge (too much oil causes the compressor to liquid lock in a similar way to excess engine oil in a car).



Oil Contaminated with Dirt

How to perform a flush

Use a charging station's flush procedure if available (note: recovery mode is not a flush).

Otherwise use a flushing kit (see examples alongside). When flushing, clean individual hoses and heat exchangers. The receiver drier and compressor cannot be flushed and must be replaced.

What happens if flushing is not done?

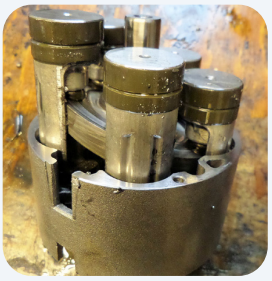
Any contamination in the system could result in ongoing failures. Blockages can occur in expansion valves and orifice tubes (see below). Condensers are manufactured with very fine internal passes which can also block.

Examples of blocked orifice tubes:




Examples of failed compressors due to contamination







Dry Air Flushing Kit
(41-50014)



Mobile Nitrogen Flushing Kit
(41-50020)



Comply with compressor warranty restrictions

Always follow the compressor supplier's instructions to comply with their warranty restrictions. Compressors generally do not fail. If a compressor does fail there will be a reason which needs to be found and rectified. Avoid excess oil (the most common cause of repeat failure).

Is a flushing system useful?

Want to avoid repeat A/C system failures, upset customers and rejected warranty claims? A flushing system is highly recommended, more so now than ever, with refrigerant 1234yf systems being introduced. These often have sealed compressors, so oil levels cannot be checked and flushing will be necessary every time the compressor is removed.

Cool Zone Automotive

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