AMA Portable R134a Charging Station

Features:
- Lightweight, robust steel frame incorporating manifold charging gauges (Vacuum gauge optional extra)
- Large 80mm gauges make it easy to read temperature and pressure scales
- Supplied with 80kg capacity digital weighing scales in solid carry case
- 2 Stage, 3 CFM (85ltr/min) Vacuum Pump
- Includes 96” (250cm) charging lines and R134a couplers
- Can be supplied in 240v or 110v operations

Part Number: 7010-14000
Part Number (w/vac gauge): 7010-14000V

AMA Portable R1234yf Charging Station

Features:
- Lightweight, robust steel frame incorporating manifold charging gauges (Vacuum gauge optional extra)
- Large 80mm gauges make it easy to read temperature and pressure scales
- Supplied with 80kg capacity digital weighing scales in solid carry case
- Red & Blue 72” (180cm) Charge Hoses 12mm-M Fittings
- Yellow 72” (180cm) Charge Hose 12mm x ½”x16 LH ACME
- R1234yf Charging Couplers – meets SAE J639 & J2888
- 2 Stage, 3 CFM (85ltr/min) Vacuum Pump
- Can be supplied in 240v or 110v operations

Part Number: 7010-15000
Part Number (w/vac gauge): 7010-15000V

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**CHARGING EQUIPMENT**

**Manifold Gauge Sets**

**R134a Manifold 2 Way, 2 Gauge Set**

Features:
- 80mm Gauges
- 96” (250cm) Charging Hoses and Couplers

Part Number: 7020-13120

**R134a Manifold 4 Way, 2 Gauge Set**

Features:
- 80mm Gauges
- 96” (250cm) Charging Hoses and Couplers

Part Number: 7020-13180

**R134a Manifold Gauge Set c/w Vacuum Gauge**

Features:
- 80mm Gauges
- Manifold Only (w/o Hose & Couplers)

Part Number: 7020-13024

**R1234yf Manifold 2 Way, 2 Gauge Set**

Features:
- 80mm Gauges
- Red & Blue 72” (180cm) Charge Hoses 12mm-M Fittings
- Yellow 72” (180cm) Charge Hose 12mm x ½”x16 LH ACME
- R1234yf Charging Couplers – meets SAE J639 & J2888

Part Number: 7020-23140
Manifold Gauge Sets

NEW!! R134a Digital Manifold 2 Way

Features:

- Pressure & Vacuum display
  - Low Side – PSI, Bar, Mpa, KG/cm² & InHg
  - High Side – PSI, Bar, Mpa & Kg/cm²
- Temperature Display: -4°C - 93°C
- Response Time: 250mSec
- Operating Temperature: 0°C - 45°C
- Power: 9V DC Battery (350 hours battery life continuous use)
- Low battery indicator
- Capable of software upgrade
- Includes set of 72” hoses and charging couplers

Part Number: 7020-16000

Charging Station Repair Parts

<table>
<thead>
<tr>
<th></th>
<th>STAGI</th>
<th>WIGAM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hi-Side Tap Repair Kit</td>
<td>7020-53030</td>
<td>7020-53030</td>
</tr>
<tr>
<td>Lo-Side Tap Repair Kit</td>
<td>7020-53031</td>
<td>7020-53031</td>
</tr>
<tr>
<td>Refrigerant Tap Repair Kit</td>
<td>7020-53032</td>
<td>7020-53032</td>
</tr>
<tr>
<td>Vacuum Tap Repair Kit</td>
<td>7020-53033</td>
<td>7020-53033</td>
</tr>
<tr>
<td>Tap Seal Kit</td>
<td>7030-51302</td>
<td>7020-53022</td>
</tr>
<tr>
<td>Pressure Relief Valve</td>
<td>7030-51325</td>
<td></td>
</tr>
<tr>
<td>Heater Element</td>
<td>7030-50510</td>
<td>7030-50510</td>
</tr>
</tbody>
</table>

Heater Blanket

Heater Blanket 240v & 110v

Features:

- Thermostatically Controlled
- Complete with Springs
- Fits most refrigerant cylinders

240v Part Number: 7220-10100
110v Part Number: 7220-10150

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CHARGING EQUIPMENT

Gauges

<table>
<thead>
<tr>
<th>Gauge Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>63mm - R134a Blue Low Pressure Gauge</td>
<td>7020-53213</td>
</tr>
<tr>
<td>63mm - R134a Red High Pressure Gauge</td>
<td>7020-53214</td>
</tr>
<tr>
<td>63mm - High Pressure Cylinder Gauge</td>
<td>7020-53203</td>
</tr>
<tr>
<td>80mm - R134a Blue Low Pressure Gauge</td>
<td>7020-53210</td>
</tr>
<tr>
<td>80mm - R134a Red High Pressure Gauge</td>
<td>7020-53211</td>
</tr>
<tr>
<td>80mm - Vacuum Gauge</td>
<td>7020-53212</td>
</tr>
<tr>
<td>80mm - R1234yf Blue Low Pressure Gauge</td>
<td>7020-23210</td>
</tr>
<tr>
<td>80mm - R1234yf Red High Pressure Gauge</td>
<td>7020-23211</td>
</tr>
</tbody>
</table>

Vacuum Pumps

<table>
<thead>
<tr>
<th>Vacuum Pump Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Stage 1.5 CFM 240v</td>
<td>7040-10005</td>
</tr>
<tr>
<td>Two Stage 1.5 CFM 240v</td>
<td>7040-10006</td>
</tr>
<tr>
<td>Two Stage 1.5 CFM 110v</td>
<td>7040-10007</td>
</tr>
<tr>
<td>Two Stage 3 CFM Dual Voltage</td>
<td>7040-10010</td>
</tr>
<tr>
<td>Two Stage 5 CFM 110v</td>
<td>7040-10015</td>
</tr>
</tbody>
</table>

Vacuum Pump Repair Parts

<table>
<thead>
<tr>
<th>Repair Part Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Vacuum Pump Adaptor – 1/4FF x 1/4MF x ½ ACME</td>
<td>7040-20001</td>
</tr>
<tr>
<td>2. Vacuum Pump Single ON/OFF Switch</td>
<td>7030-51315</td>
</tr>
<tr>
<td>3. Vacuum Pump Dual ON/OFF Switch</td>
<td>7030-51320</td>
</tr>
<tr>
<td>4. Aluminium Vacuum Pump Control Box</td>
<td>7020-53101</td>
</tr>
</tbody>
</table>

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Electronic Charging Scales

Mastercool Accu-Charge II Electronic Scale
Features:
- Charge Programming Function
- 110kg Capacity
- Adjustable Levelling Feet
- 40 hours battery life (approx.)
- Solid Plastic Carry Case

Part Number: 7030-13510

AMA Economy Electronic Charge Scale
Features:
- 80kg Capacity
- Large LCD display showing kg & lbs. / oz.
- 15 minute automatic shut-off
- Supplied in heavy duty carry case

Part Number: 7030-13520

NEW!! Mastercool Wireless Digital Electronic Scale
Features:
- Wireless unit prevents unwanted tangled wires
- Remote stores in the body of the platform
- Keypad provides synchronisation and zeroing
- Extremely accurate weight sensor – 0.1% of reading
- Magnet on remote allows easy placement on fixtures
- Battery life symbol for platform and remote constantly displayed on LCD panel
- Wireless signal strength indicator on remote display
- Charge programming, with alarm prior to charging completion
- 110kg weight capacity

Part Number: 7030-13530
CHARGING EQUIPMENT

Oil Injectors

1. 2oz In-Line Oil Injector
   - Part Number: 7220-02000 – ¼” Fitting
   - Part Number: 7220-02001 – ½” ACME Fitting

2. Roto-Ject Injector
   - Part Number: 7230-21195

3. Concertina Oil Injector
   - Part Number: 7220-20005

4. Spot gun Injector
   - Part Number: 7230-21182 – Applicator Gun
   - Part Number: 7230-21181 – Hose & Coupler

RECOVERY EQUIPMENT

Recovery Filters

In-Line Recovery Filter

Description

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recovery Filter ¼”MF x ¼”MF</td>
<td>7060-51000</td>
</tr>
<tr>
<td>Pack of 10 Recovery Filters</td>
<td>7060-51001</td>
</tr>
<tr>
<td>3” Red Hose (1/4” Fittings)</td>
<td>7250-10410</td>
</tr>
</tbody>
</table>

Recovery Unit Oil Separator

Features:
- Suitable for use with all refrigerants
- 108ml capacity

Part Number: 7220-22001

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**RECOVERY EQUIPMENT**

Mastercool Refrigerant Recovery Unit

Features:
- High performance oil-less compressor (1/2HP)
- Automatic low pressure cut-off switch
- Safety high pressure cut-off switch
- Fully reinforced hard plastic casing
- Purge facility. Suitable for all refrigerants

Part Number: 7060-14000

Mastercool Refrigerant Recovery Unit c/w Oil Separator

Features:
- High performance oil-less compressor (1/2HP)
- Automatic low pressure cut-off switch
- Safety high pressure cut-off switch
- Fully reinforced hard plastic casing
- Purge facility. Suitable for all refrigerants
- Built in oil separator and filter

Part Number: 7060-14500

CPS Refrigerant Recovery Unit

Features:
- Fully automatic liquid or vapour recovery
- Advanced rifled tube lance fin condenser
- Extremely quiet operation
- 550psi high pressure cut-off switch
- Fully Reinforced hard plastic casing
- Weight: 12.6kg

Part Number: 7060-12000

Mastercool ‘Twin-Turbo’ Refrigerant Recovery Unit

Features:
- High performance oil-less compressor (1/2HP)
- Automatic low pressure cut-off switch
- Safety high pressure cut-off switch
- Fully reinforced hard plastic casing
- Bumper guards to protect control knobs
- Weight: 12.8kg

Part Number: 7060-14005

[Contact Information]
Oxygen-Free Nitrogen

**In-Line Pressure Test Gauge for OFN Testing**

*Features:*
- Flexible hose with ¼” FM fitting at both ends
- Includes shut-off isolator tap
- Pulse free gauge

Part Number: 7050-10950

**NEW!! OFN Pressure Test Gauge Kit**

*Features:*
- 1/4” SAE flare outlet port, with control valve, to keep pressure on the regulator at all times
- T-Handle for ease of pressure adjustment
- 63 mm (2 1/2”) gauges with guards
- High pressure gauge 4400 psig (300 bar)
- Low pressure gauge 1000 psig (70 bar)

Part Number: 7050-10940

**Leak Locator**

**Pump Action Refrigerant Leak Locator**

*Features:*
- Leak detection spray for pressurised systems
- 1 litre bottle
- Will detect gas, refrigerant & air

Part Number: 7230-20065
**Electronic Leak Detection**

**Mastercool Refrigerant Leak Detector**

Features:
- 3 Levels of Sensitivity (5 Levels of Detection)
- Visual Leak Level Indicator
- Detects all Refrigerants
- Flexible 16” Probe
- Custom Moulded Carry Case
- Complete with batteries, sensor & filter

Part Number: 7230-20450
Replacement Sensor Tip Part Number: 7230-20457

**NEW!! Mastercool R1234yf Refrigerant Leak Detector**

Features:
- 3 Levels of Sensitivity, with response time of less than 1 second
- Intelligent tip – environment sensing element to eliminate potential of false alarms
- Flexible 15” probe for difficult to reach locations
- Display – 6 vertical LEDs enabled selectively (red, yellow and green) to display the following information to the user
  - The relative signal of the detected leak
  - The selected sensitivity range (low, medium or high) of the unit
  - Diagnostic information: Low battery, interference/wait, contaminated atmosphere readiness of the unit or fault conditions of the unit
- Keypad controls
  - On / OFF button (push on – off)
  - Volume / mute button (high, low or mute)
  - Sensitivity button for high, low or medium sensitivity level selection
  - Peak button when multiple leaks are suspected (push enable / disable)

Part Number: 7230-20600

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LEAK DETECTION
Complete UV Dye Detection Kits

UV Glo-Gun & Piranha Leak Detection Kit
Features:
- Strong Piranha lamp, powered by 12v battery
- Glo-Gun applicator c/w cartridge of UV dye (24 shot)
- Professional UV detection glasses
- Supplied in hard protective case
- Ideal for outdoor use due to the high wattage lamp

Part Number: 7230-21100
Replacement UV dye Part Number: 7230-21105

UV Concertina & Piranha Leak Detection Kit
Features:
- Strong Piranha lamp, powered by 12v battery
- Concertina applicator c/w cartridge of UV dye & PAG 100 oil
- Professional UV detection glasses
- Supplied in hard protective case
- Ideal for outdoor use due to the high wattage lamp

Part Number: 7230-21145
Replacement UV dye Part Number: 7230-21130

NEW!! Mastercool UV Leak Locator Kit
Features:
- High Intensity Mini Light (12V / 50 watt)
- Cartridge-type dye injector inc. 25 shot cartridge
- Professional UV detection glasses & service information labels
- Supplied in hard protective case
- Lamp complete with AC charger & cigar socket adaptor

Part Number: 7230-21210

UV Concertina & Invicta Leak Detection Kit
Features:
- Battery operated UV lamp
- Concertina applicator c/w cartridge of UV dye & PAG 100 oil
- Professional UV detection glasses
- Supplied in hard protective case
- Ideal for use in tight spaces

Part Number: 7230-21155
Replacement UV dye Part Number: 7230-21130

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UV Dye Injection

1. Mastercool Hand Turn Mini Injector
   - Part Number: 7230-21200
   - Replacement Part Number: 7230-21205 (10 Shots)

2. Primalec Concertina Injector
   - Part Number: 7230-21170
   - Replacement Part Number: 7230-21130 (10 Shots)

3. Primalec Glo-Gun Injector
   - Part Number: 7230-21160
   - Hose Connector: 7230-21135
   - Replacement Part Number: 7230-21105 (24 Shots)

4. Spotgun UV Dye & Oil Injector
   - Part Number: 7230-21182
   - Applicator Gun: 7230-21181
   - Hose & Coupler: 7230-21180
   - Replacement Part Number: 7230-21180 (32 Shots)

5. 7.5ml Economy In-line Injector
   - Part Number: 7230-21190
   - Replacement Part Number: 7230-21116 (240ml bottle)

6. Primalec Roto-Ject Injector
   - Part Number: 7230-21195
   - Replacement Part Number: 7230-21130 (Concertina)
   - Replacement Part Number: 7230-21116 (240ml bottle)

UV Dye Inspection Glasses

Features:
- Amber lens allows greater sensitivity when searching for leaks
- Conforms to EN166:2001

Part Number: 7230-21107

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**LEAK DETECTION**

*UV Dye Leak Detection Lamps*

**Invictalux UV Inspection Lamp**

Features:
- 13 High Power UVA LEDs
- Strong easy to grip rubber and aluminium handle
- Flexible swan-neck extension module
- Supplied with 3 x AA batteries
- 6-7 hour battery life

Part Number: 7230-21108

**Piranha 12v UV Inspection Lamp**

Features:
- Powerful Beam – more than 4x some 50W & LED lamps
- Choice of UVA (315-405nm) or UV-Blue (315-440nm)
- Rubber covered housing and sheathed cable for durability
- 12v car plug and battery clips included

Part Number: 7230-21109

**41-LED UV Inspection Lamp**

Features:
- Tough body made from aluminium alloy
- 21 LED or 41 LED modes
- LED bulbs give up to 100,00 hours operation
- Supplied with 4 x AAA batteries

Part Number: 7230-21127

**NEW!! UV Swivel Head Inspection Lamp**

Features:
- 180° Swivel head gets into tight places
- 12V / 100W
- High quality LEDs
- Instant ON
- Heavy Duty metal construction
- Includes a pair of UV safety glasses

Part Number: 7230-21128

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### UV Dye Products

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. <strong>NEW!! Elke UV Dye 240ml bottle</strong> – For use with R134a systems</td>
<td>7230-21116E</td>
</tr>
</tbody>
</table>
| 2. **Glo Leak UV Dye 1/4oz bottle**                                          | 7230-21114 (single bottle)  
|                                                                              | 7230-21115 (box of 12) |
| 3. **NEW!! Elke UV Dye 240ml bottle** – For use with R1234yf systems       | 7230-21310E         |
| 4. **Glo Leak UV Dye Cartridge** – For use with Glo Gun applicator          | 7230-21105          |
| 5. **Glo Leak UV UV Dye Cartridge** – For use with Concertina applicator    | 7230-21130          |
| 6. **Mastercool UV Dye Cartridge** – For use with Mastercool hand turn mini injector | 7230-21205          |
| 7. **Spotgun UV Dye Cartridge** – For use with Spotgun applicator           | 7230-21180          |
## SERVICE FLUIDS & CHEMICALS

### R134a Oil

<table>
<thead>
<tr>
<th>Viscosity</th>
<th>Part Number 60ml*</th>
<th>Part Number 250ml</th>
<th>Part Number 1 litre</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAG 46 Low Viscosity</td>
<td>7310-46060</td>
<td>7310-46025E</td>
<td>7310-46090E</td>
</tr>
<tr>
<td>PAG 68 Mid Viscosity</td>
<td>n/a</td>
<td>7310-68025E</td>
<td>n/a</td>
</tr>
<tr>
<td>PAG 100 High Viscosity</td>
<td>7310-10060</td>
<td>7310-10025E</td>
<td>7310-10090E</td>
</tr>
<tr>
<td>PAG 150 Ultra-High Viscosity</td>
<td>7310-15060</td>
<td>7310-15025E</td>
<td>7310-15090E</td>
</tr>
<tr>
<td>POE 100 Ester Oil</td>
<td>7301-10060</td>
<td>7301-10025E</td>
<td>7301-10090E</td>
</tr>
</tbody>
</table>

*60ml PAG Oil is supplied in Concertina cartridges*

### R134a Oil c/w UV Dye

<table>
<thead>
<tr>
<th>Viscosity</th>
<th>Part Number 250ml</th>
<th>Part Number 1 litre</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAG 46 Low Viscosity c/w UV Dye</td>
<td>7310-46125E</td>
<td>7310-46190E</td>
</tr>
<tr>
<td>PAG 100 High Viscosity c/w UV Dye</td>
<td>7310-10125E</td>
<td>7310-10190E</td>
</tr>
</tbody>
</table>

### R134a Spotgun Oil

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PAG 46 (240ml)</strong></td>
<td>7310-46027</td>
</tr>
<tr>
<td><strong>PAG 100 (240ml)</strong></td>
<td>7310-10027</td>
</tr>
<tr>
<td><strong>PAG 150 (240ml)</strong></td>
<td>7310-15027</td>
</tr>
<tr>
<td><strong>POE 100 (240ml)</strong></td>
<td>7301-10027</td>
</tr>
</tbody>
</table>

### Specialist (inc. R1234yf) PAG Oil

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>R1234yf PAG Oil – Di-capped PAG oil, specially formulated to work with R1234yf systems. Also suitable for R134a Systems.</strong></td>
<td>7315-46025</td>
</tr>
<tr>
<td><strong>Hermetic Electric Compressor PAG Oil – Suitable for R134a systems typically found in Hybrid vehicles.</strong></td>
<td>7316-46025</td>
</tr>
<tr>
<td><strong>Electric Compressor PAG Oil – Ester based oil suitable for Hybrid &amp; Stop-Start systems with both electric compressors and R1234yf refrigerant.</strong></td>
<td>7316-68025</td>
</tr>
</tbody>
</table>

*[Image of R134a Oil, R134a Oil c/w UV Dye, R134a Spotgun Oil, Specialist (inc. R1234yf) PAG Oil]*

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**FLUSHING EQUIPMENT**

**Flushing Kits**

**NEW!! Comprehensive Hand Flush Kit (OFN not included)**

Features:

- Simple, lightweight & easy to use
- Quickly and effectively removes oil and debris from contaminated systems, maintaining compressor warranty
- Kit includes hose and flush gun
- Supplied with box of flushing adaptors (7050-20003E)
- PVC plastic container to catch flush and debris
- Large carry box for easy storage
- Ideal for mobile technicians

Kit Part Number: 7050-10070E

5ltr Solvent Flush: 7300-50015E

**Wigam Flash-Flush Kit**

Features:

- Simple, lightweight & easy to use
- 800g canister, contains flush solution pressurised by nitrogen at 30bar
- Kit includes 900mm charge line with manual shut-off tap
- Supplied with universal clamp to connect to the system
- Ideal product for Agricultural & Plant mobile engineers.

Kit Part Number: 7040-10060

Replacement 800g Flush Canister: 7300-50201

**Basic Hand Flush Kit**

Features:

- Simple, lightweight & easy to use
- 1ltr capacity canister
- Kit includes 900mm charge line with flush gun
- Requires pressurised OFN to propel fluid around system
- Ideal product for Agricultural & Plant mobile engineers

Kit Part Number: 7050-10040E

5ltr Solvent Flush: 7300-50015E

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SERVICE FLUIDS & CHEMICALS

Flushing Equipment

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. NEW!! Flush Kit – 750ml can of pressurised flush solution, ideal for single use flushing</td>
<td>7050-10060E</td>
</tr>
<tr>
<td>2. NEW!! Re-usable hose and flush gun for 7050-10060E</td>
<td>7050-10065E</td>
</tr>
<tr>
<td>3. Airco Bio-Flush - Low odour, non-flammable, bio-degradable solution for flushing A/C systems – used with 7050-10040</td>
<td>1Ltr – 7300-50001</td>
</tr>
<tr>
<td></td>
<td>5Ltr – 7300-50015</td>
</tr>
<tr>
<td>4. NEW!! Elke – Highly flammable, solvent based flushing solution for all A/C systems. Very quick evaporation - used with 7050-10040</td>
<td>1Ltr – 7300-50001E</td>
</tr>
<tr>
<td></td>
<td>5Ltr – 7300-50015E</td>
</tr>
<tr>
<td>5. NEW!! Universal Flushing Adaptor Kit</td>
<td>7050-20003E</td>
</tr>
<tr>
<td>6. NEW!! Replacement rubber cone for flush gun</td>
<td>7050-10066E</td>
</tr>
</tbody>
</table>
**SERVICE FLUIDS & CHEMICALS**

**Vacuum Pump Oil**

**Vacuum Pump Oil**

Features:

- Suitable for all reciprocating and rotary vacuum pumps
- Anti-wear properties, oxidation resistance & rust protection
- Supplied in 1 litre bottle

Part Number: 7302-30090

**Recovery Unit Lubricant**

**Features:**

- High thermal and chemical stability
- Suitable for all refrigerant recovery units
- Supplied in 1 litre bottle

Part Number: 7301-03290

**UV Dye Cleaner**

**Glo Klenz UV Dye Cleaner**

Features:

- Citrus based solvent cleaner
- Removes spillage and other residues of all UV dye products
- Bio-degradable
- Also effective on greases, adhesives, tars & other gummy products
- Supplied in 500ml pump-action spray bottle

Part Number: 7230-21050

**NEW!! A/C System Sanitiser Treatment**

Features:

- Removes harmful bacteria and odours from A/C systems
- Cleans and disinfects the evaporator chamber and air channels
- Supplied with 600mm extension tube

50ml Part Number: 7320-90021E
400ml Part Number: 7320-90020E

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Serv Ice Fluids & Chemicals

Sealant

Airco Leak Treatment

Features:
- Stops & prevents small leaks in flexible components
- Rejuvenates O-rings, seals & flexible pipes

Part Number: 7230-30001
Re-usable Applicator Hose: 7230-30011
Pack of 6 (inc. 1 hose) Part Number: 7230-30002

Airco Seal Pro

Features:
- Permanently seals small leaks in metal parts – evaps, condensers etc.
- Rejuvenates O-rings, seals & flexible pipes
- Supplied with re-usable applicator hose

Part Number: 7230-30003

New!! Retro Fit Treatment

Features:
- Economically converts systems from R12 to R134a without flushing
- No need to open the system
- Contains Leak Stop to heal & prevent small leaks in rubber components
- Includes a PAG oil top-up
- Perfect solution to keeping the A/C working on older / classic vehicles
- Includes hose & coupler

Part Number: 7230-30010E

Retro Pro Treatment

Features:
- Economically converts systems from R12 to R134a without flushing
- No need to open the system
- Contains Leak Stop to heal & prevent small leaks in rubber components
- Includes a PAG oil top-up
- Perfect solution to keeping the A/C working on older / classic vehicles

Part Number: 7230-30010
Re-usable Hose: 7230-30011
Refrigerant

NEW!! Ozone Generator

Features:

- Eliminates ‘living’ odours in vehicles, motorhomes & boats
- No chemicals used, no consumables required
- Eliminates bad smells; pets, tobacco smoke, manure, mould
- Variable electronic timer control with LCD and auto shut-off
- Can be powered by cigarette lighter socket, 110V or 220V

Part Number: 7230-60000

---

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>R134a Refrigerant – Supplied in 12kg bottle*</td>
<td>7300-13402</td>
</tr>
<tr>
<td>R1234yf Refrigerant – Supplied in 5kg bottle*</td>
<td>7300-12340</td>
</tr>
<tr>
<td>10kg Refrigerant Recovery Cylinder</td>
<td>7060-90000</td>
</tr>
</tbody>
</table>

*Refrigerant supplied by AMA may be subject to a bottle deposit

---

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Refrigerant Diagnostics

Refrigerant Diagnostic Sight Glass
Features:
- Gives a visual inspection of what is in the system while running
- Can detect sealant, moisture, dirty oil & refrigerant
- Shows system charge level
- Maximum working pressure of 350psi (25bar)
- Supplied in hard plastic carry case for easy storage and protection

Part Number: 7230-50000

Mini ID Refrigerant Identifier
Features:
- Simple and easy to operate
- Supplied with battery power connectors
- Instant 95% refrigerant purity pass / fail system
- Indicates air content level within the system
- Supplied with hose and service coupling

Part Number: 7230-40020

Ultima ID Refrigerant Analyser
Features:
- Indicates purity of refrigerants
- Shows system air / moisture content
- Identifies R12 / R22 / R134a, hydrocarbons and blends
- Integral thermal printer
- Supplied with hose and service coupling
- Rechargeable battery pack included

Part Number: 7230-40030
### Budget R134a ¼” Male Charging Couplers

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Budget R134a Hi-Side (Red) ¼” Charge Coupler</strong></td>
<td>Straight: 7220-33041&lt;br&gt;90°: 7220-33051</td>
</tr>
<tr>
<td><strong>Budget R134a Lo-Side (Blue) ¼” Charge Coupler</strong></td>
<td>Straight: 7220-33040&lt;br&gt;90°: 7220-33050</td>
</tr>
</tbody>
</table>

### R134a ¼” Male Charging Couplers c/w Lock-Down Tap

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>R134a Hi-Side (Red) ¼” Charge Coupler</strong></td>
<td>7220-33015 (Parker) 7220-33056E (Standard)</td>
</tr>
<tr>
<td><strong>R134a Lo-Side (Blue) ¼” Charge Coupler</strong></td>
<td>7220-33025 (Parker) 7220-33055E (Standard)</td>
</tr>
</tbody>
</table>

### R134a 14mm Female Charging Couplers c/w Lock-Down Tap

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>R134a Hi-Side (Red) 14mm Charge Coupler</strong></td>
<td>7220-33010</td>
</tr>
<tr>
<td><strong>R134a Lo-Side (Blue) 14mm Charge Coupler</strong></td>
<td>7220-33020</td>
</tr>
</tbody>
</table>

### R134a ⅜” Male Charging Couplers c/w Lock-Down Tap

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>R134a Hi-Side (Red) ⅜” Charge Coupler</strong></td>
<td>7220-33042E</td>
</tr>
<tr>
<td><strong>R134a Lo-Side (Blue) ⅜” Charge Coupler</strong></td>
<td>7220-33043E</td>
</tr>
</tbody>
</table>

### R1234yf Charging Couplers c/w Lock-Down Tap

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>R1234yf Charge Coupler Set</strong></td>
<td>7220-34000</td>
</tr>
<tr>
<td><strong>R1234yf Hi-Side (Red) Charge Coupler</strong></td>
<td>7220-34010</td>
</tr>
<tr>
<td><strong>R134a Lo-Side (Blue) Charge Coupler</strong></td>
<td>7220-34020</td>
</tr>
</tbody>
</table>

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### CHARGE HOSES

#### ¼” Standard Charge Hoses (¼”FF x ¼”FF)

![Image of charge hoses]

<table>
<thead>
<tr>
<th>Description</th>
<th>Set of 3 Part Number</th>
<th>Red Part Number</th>
<th>Blue Part Number</th>
<th>Yellow Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>96” (250cm) Standard Hose ¼” x ¼”</td>
<td>7250-19600</td>
<td>7250-19610</td>
<td>7250-19620</td>
<td>7250-19630</td>
</tr>
<tr>
<td>72” (180cm) Standard Hose ¼” x ¼”</td>
<td>7250-17200</td>
<td>7250-17210</td>
<td>7250-17220</td>
<td>7250-17230</td>
</tr>
<tr>
<td>60” (150cm) Standard Hose ¼” x ¼”</td>
<td>7250-16000</td>
<td>7250-16010</td>
<td>7250-16020</td>
<td>7250-16030</td>
</tr>
<tr>
<td>36” (90cm) Standard Hose ¼” x ¼”</td>
<td>7250-13600</td>
<td>7250-13610</td>
<td>7250-13620</td>
<td>7250-13630</td>
</tr>
</tbody>
</table>

#### ¼” Charge Hoses c/w Manual Shut-Off Tap (¼”FF x ¼”FF)

![Image of charge hoses with shut-off tap]

<table>
<thead>
<tr>
<th>Description</th>
<th>Set of 3 Part Number</th>
<th>Red Part Number</th>
<th>Blue Part Number</th>
<th>Yellow Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>96” (250cm) Hose Shut-Off ¼” x ¼”</td>
<td>7250-29600A</td>
<td>7250-29610A</td>
<td>7250-29620A</td>
<td>7250-29630A</td>
</tr>
<tr>
<td>72” (180cm) Hose Shut-Off ¼” x ¼”</td>
<td>7250-27200A</td>
<td>7250-27210A</td>
<td>7250-27220A</td>
<td>7250-27230A</td>
</tr>
<tr>
<td>60” (150cm) Hose Shut-Off ¼” x ¼”</td>
<td>7250-26000A</td>
<td>7250-26010A</td>
<td>7250-26020A</td>
<td>7250-26030A</td>
</tr>
<tr>
<td>36” (90cm) Hose Shut-Off ¼” x ¼”</td>
<td>7250-23600A</td>
<td>7250-23610A</td>
<td>7250-23620A</td>
<td>7250-23630A</td>
</tr>
</tbody>
</table>

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### Extra Long ¼” Standard Charge Hoses (¼”FF x ¼”FF)

<table>
<thead>
<tr>
<th>Description</th>
<th>Red Hose Part Number</th>
<th>Blue Hose Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 metre Standard Hose ¼” x ¼”</td>
<td>7250-12010</td>
<td>7250-12020</td>
</tr>
<tr>
<td>4 metre Standard Hose ¼” x ¼”</td>
<td>7250-50400</td>
<td>7250-55400</td>
</tr>
<tr>
<td>5 metre Standard Hose ¼” x ¼”</td>
<td>7250-50500</td>
<td>7250-55500</td>
</tr>
</tbody>
</table>

### ½” ACME Charge Hoses (½” ACME x 14mm)

<table>
<thead>
<tr>
<th>Description</th>
<th>Red Hose</th>
<th>Blue Hose</th>
<th>Yellow* Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td>96” (250cm) Hose ½” ACME x 14mm</td>
<td>7250-79600</td>
<td>7250-79610</td>
<td>7250-79620</td>
</tr>
<tr>
<td>72” (180cm) Hose ½” ACME x 14mm</td>
<td>7250-77200</td>
<td>7250-77210</td>
<td>7250-77220</td>
</tr>
<tr>
<td>60” (150cm) Hose ½” ACME x 14mm</td>
<td>7250-76000</td>
<td>7250-76010</td>
<td>7250-76020</td>
</tr>
<tr>
<td>36” (90cm) Hose ½” ACME x 14mm</td>
<td>7250-73600</td>
<td>7250-73610</td>
<td>7250-73620</td>
</tr>
</tbody>
</table>

(*Yellow Hose fittings are ½” ACME FM x ½” ACME FM)

### 72” (180cm) R1234yf Hose 12mm-M x 12mm-M

<table>
<thead>
<tr>
<th>Description</th>
<th>Red Hose</th>
<th>Blue Hose</th>
<th>Yellow Hose*</th>
</tr>
</thead>
<tbody>
<tr>
<td>72” (180cm) R1234yf Hose 12mm-M x 12mm-M</td>
<td>7250-87200</td>
<td>7250-87210</td>
<td>7250-87220</td>
</tr>
</tbody>
</table>

(*Yellow Hose fittings are 12mm x ½”x16 ACME LH)
### Charge Line Adaptors

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>¼” FF x ¼” ACME M</td>
<td>7220-33000</td>
</tr>
<tr>
<td>½” ACME FF x ¾” M</td>
<td>7220-33004</td>
</tr>
<tr>
<td>¼” FF x 3/8” M</td>
<td>7220-33007</td>
</tr>
<tr>
<td>14mm M x ¼” M</td>
<td>7220-33009</td>
</tr>
<tr>
<td>¼” FF x ¼” M</td>
<td>7220-33008</td>
</tr>
<tr>
<td>¼” FF x ½” ACME M LH</td>
<td>7220-33200</td>
</tr>
</tbody>
</table>

### Valve Adaptors

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>¼” Male x ¼” Male Straight</td>
<td>7220-33006</td>
</tr>
<tr>
<td>¾” Male x 3/16” Female Flare Straight</td>
<td>7220-32010</td>
</tr>
<tr>
<td>¾” Male x 3/16” Female Flare 90°</td>
<td>7220-32030</td>
</tr>
<tr>
<td>¾” Male x ¾” Female Flare 45°</td>
<td>7220-32040</td>
</tr>
<tr>
<td>¾” Male x ¾” Female Flare 90°</td>
<td>7220-32050</td>
</tr>
<tr>
<td>¾” Male x ¾” Female Flare Straight Anti-Blowback</td>
<td>7220-30001</td>
</tr>
<tr>
<td>¾” Male x ¾” Female Flare 90° Anti-Blowback</td>
<td>7220-32070</td>
</tr>
</tbody>
</table>

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Charge Line Adaptors (Misc.)

**Description**  | **Part Number**  
---|---  
Nylon Gas Bottle Adaptor | 7220-10002  
Brass Gas Bottle Adaptor | 7220-10003  

Flexi-Ball Valve Set

Features:
- ¼" Male x ¼" Female Flare Fittings
- Can be added to any ¼" hose to allow manual shut-off
- Supplied as a pack of three

Part Number: 7220-32094

Charge Line Repair Parts

**Description**  | **Part Number**  
---|---  
Valve Depressor (10 pack) | 7250-01020  
¼" Charge Hose Gasket (10 pack) | 7250-01021  
½" ACME Charge Hose Gasket (10 pack) | 7250-01031
RETRO FIT

Retro Adaptors

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/16” – 20 FF (¼”) Lo-Side 13mm Straight</td>
<td>4205-03051</td>
</tr>
<tr>
<td>7/16” – 20 FF (¼”) Hi-Side 16mm Straight</td>
<td>4205-03050</td>
</tr>
<tr>
<td>3/16” – 20 FF Hi-Side 16mm Straight</td>
<td>4205-03018</td>
</tr>
<tr>
<td>7/16” – 20 FF (¼”) Lo-Side 13mm 90°</td>
<td>4205-03003</td>
</tr>
<tr>
<td>7/16” – 20 FF (¼”) Hi-Side 13mm 90°</td>
<td>4205-03005</td>
</tr>
<tr>
<td>3/16” – 20 FF Hi-Side 16mm 90°</td>
<td>4205-03019</td>
</tr>
</tbody>
</table>

Service Valves

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hi-Side 16mm – M15 x 1.0 (GM)</td>
<td>7255-10100</td>
</tr>
<tr>
<td>Lo-Side 13mm – M13 x 1.0 (GM)</td>
<td>7255-10105</td>
</tr>
<tr>
<td>Hi-Side 16mm – M12 x 1.5 (Ford)</td>
<td>7255-10110</td>
</tr>
<tr>
<td>Lo-Side 13mm – (Ford)</td>
<td>7255-10115</td>
</tr>
</tbody>
</table>

Caps (Pack of 10)

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue 13mm (Aeroquip) R134a (M8 thread)</td>
<td>4205-03014</td>
</tr>
<tr>
<td>Red 16mm (Aeroquip) R134a (M10 thread)</td>
<td>4205-03013</td>
</tr>
<tr>
<td>Black 13mm R134a (M8 thread)</td>
<td>4205-03016</td>
</tr>
<tr>
<td>Black 16mm R134a (M8 thread)</td>
<td>4205-03015</td>
</tr>
</tbody>
</table>

Retro-Fit Assortment Box

Includes:
- Retro-fit adaptors and caps
- Valve cores and remover tool
- Retro-fit labels (R134a)

Part Number: 4205-20001
### O-Ring Selection Box

**AMA Agricultural O-Ring Selection Box Includes:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Dimension (mm)</th>
<th>O-Ring Kit Qty.</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>#4 O-Ring</td>
<td>6.07 x 9.33 x 1.63</td>
<td>10</td>
<td>4690-10004</td>
</tr>
<tr>
<td>#6 O-Ring</td>
<td>7.67 x 11.21 x 1.78</td>
<td>30</td>
<td>4690-10006</td>
</tr>
<tr>
<td>#8 O-Ring</td>
<td>10.82 x 14.38 x 1.78</td>
<td>20</td>
<td>4690-10008</td>
</tr>
<tr>
<td>#10 O-Ring</td>
<td>14 x 17.56 x 1.78</td>
<td>20</td>
<td>4690-10010</td>
</tr>
<tr>
<td>#12 O-Ring</td>
<td>17.17 x 20.73 x 1.78</td>
<td>20</td>
<td>4690-10012</td>
</tr>
<tr>
<td>GM A6 / R4, Sanden Pad O-Ring</td>
<td>19.85 x 26.75 x 3.45</td>
<td>10</td>
<td>4690-10100</td>
</tr>
<tr>
<td>#6 Q/C, Oil Fill, Switch Port O-Ring</td>
<td>9 x 12.56 x 1.78</td>
<td>10</td>
<td>4690-10021</td>
</tr>
<tr>
<td>Denso Block Vale O-Ring</td>
<td>13 x 18 x 2.5</td>
<td>20</td>
<td>4690-10063</td>
</tr>
<tr>
<td>Denso Block Vale O-Ring</td>
<td>7 x 10 x 1.5</td>
<td>5</td>
<td>4690-10064</td>
</tr>
<tr>
<td>#8 Q/C O-Ring</td>
<td>18.54 x 22.06 x 1.76</td>
<td>10</td>
<td>4690-10022</td>
</tr>
<tr>
<td>#12 Q/C O-Ring</td>
<td>26.6 x 30.12 x 1.76</td>
<td>10</td>
<td>4690-10023</td>
</tr>
<tr>
<td>#8/10 Q/C O-Ring (square)</td>
<td>18 x 22 x 1.1</td>
<td>5</td>
<td>4690-10024</td>
</tr>
<tr>
<td>#12 Q/C O-Ring (square)</td>
<td>25.8 x 32 x 1.6</td>
<td>5</td>
<td>4690-10025</td>
</tr>
<tr>
<td>Sanden WV Head – Discharge O-Ring</td>
<td>21.5 x 28.55 x 3.5</td>
<td>10</td>
<td>4690-10070</td>
</tr>
<tr>
<td>Sanden WV Head – Suction O-Ring</td>
<td>25 x 32 x 3.5</td>
<td>10</td>
<td>4690-10071</td>
</tr>
<tr>
<td>Sanden SD7B10 – Suction O-Ring</td>
<td>18.72 x 23.96 x 2.62</td>
<td>10</td>
<td>4690-10073</td>
</tr>
<tr>
<td>Sanden SD7B10 – Discharge O-Ring</td>
<td>15.54 x 20.78 x 2.62</td>
<td>10</td>
<td>4690-10074</td>
</tr>
<tr>
<td>Case/New Holland O-Ring</td>
<td>7.65 x 11.21 x 1.78</td>
<td>10</td>
<td>4690-10075</td>
</tr>
</tbody>
</table>

**O-Ring Kit Part Number:** 4690-20750

### Compressor O-Rings

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>York Teflon Rotolock Seal</td>
<td>4690-10050</td>
</tr>
<tr>
<td>York Flange O-Ring</td>
<td>4690-10051</td>
</tr>
<tr>
<td>York / Sanden Tube-O O-Ring</td>
<td>4690-10020</td>
</tr>
<tr>
<td>Seltec DK Single Bolt Manifold O-Ring</td>
<td>4690-10080</td>
</tr>
<tr>
<td>Seltec DK Double Bolt Manifold O-Ring</td>
<td>4690-10080 (Suction)</td>
</tr>
<tr>
<td>Denso 10P*15 Discharge O-Ring</td>
<td>4690-10081 (Discharge)</td>
</tr>
<tr>
<td>Denso 10P*15 Suction O-Ring</td>
<td>4690-10060</td>
</tr>
<tr>
<td>Denso 6E / 6P / 10P O-Ring</td>
<td>4690-10061</td>
</tr>
</tbody>
</table>

**AMA Agricultural O-Ring Selection Box includes:**

- **www.ama.ac**
- **TEL: 01453 832884**
- **FAX: 01453 832040**
- **info@ama.ac**
O-RINGS

O-Ring Selection Box

Basic O-Ring Kit
Includes:
- Standard #6, #8, #10, #12 O-Rings
- R134a coupler repair seals
- GM A6 & Sanden Pad O-Rings

Part Number: 4690-20600

A/C Service Kit
Includes:
- Standard #6, #8, #10, #12 O-Rings
- Double O-Rings (to suit Citroen / Peugeot / Renault)
- Selection of retro-adaptors
- Retro-adaptor caps
- Selection of valve cores and valve core removal tool

Part Number: 4205-20002

O-Ring Lubrication

O-ring Silicone Oil
Features:
- Suitable for R12 & R134a O-ring and gasket material
- Prevents O-ring pinching or tearing during installation
- Extends O-Ring life

Part Number: 7300-60000

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Double Lip O-Ring</td>
<td>8mm – 4690-50011</td>
</tr>
<tr>
<td></td>
<td>13mm – 4690-50010</td>
</tr>
<tr>
<td></td>
<td>16mm – 4690-50012</td>
</tr>
<tr>
<td>2. Sleeve Type O-Ring</td>
<td>#6 – 4690-50020</td>
</tr>
<tr>
<td></td>
<td>#8 – 4690-50021</td>
</tr>
<tr>
<td></td>
<td>#10 – 4690-50022</td>
</tr>
<tr>
<td></td>
<td>#12 – 4690-50023</td>
</tr>
</tbody>
</table>

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Springlock O-Ring & Garter Spring Set

Includes:
- Standard #6, #8, #10, #12 Springlock tools
- Cleaning brushes for fittings
- Springlock tools suitable for GM / Vauxhall vehicles
- Springlock tools suitable for Volkswagen vehicles

<table>
<thead>
<tr>
<th></th>
<th>#6</th>
<th>#8</th>
<th>#10</th>
<th>#12</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-Ring*</td>
<td>4690-10041</td>
<td>4690-10042</td>
<td>4690-10043</td>
<td>4690-10044</td>
</tr>
<tr>
<td>Garter*</td>
<td>4690-10045</td>
<td>4690-10046</td>
<td>4690-10047</td>
<td>4690-10048</td>
</tr>
</tbody>
</table>

*Available separately in packs of 10

Set Part Number: 4690-20002

Springlock Tool Kit

Part Number: 7240-10049

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set of Springlock Tools</td>
<td>7240-10040</td>
</tr>
<tr>
<td>3/8” - #6 Red Springlock Tool</td>
<td>7240-10042</td>
</tr>
<tr>
<td>½” - #8 Blue Springlock Tool</td>
<td>7240-10044</td>
</tr>
<tr>
<td>5/8” - #10 Black Springlock Tool</td>
<td>7240-10046</td>
</tr>
<tr>
<td>¾” - #12 White Springlock Tool</td>
<td>7240-10048</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Springlock tool suitable for GM / Vauxhall vehicles</td>
<td>7240-10050</td>
</tr>
<tr>
<td>2. Springlock tool suitable for Toyota vehicles</td>
<td>7240-10052</td>
</tr>
<tr>
<td>3. Springlock tool suitable for Audi / VW vehicles</td>
<td>7240-10051</td>
</tr>
</tbody>
</table>

www.ama.ac TEL: 01453 832884 FAX: 01453 832040 info@ama.ac
**VALVE CORES**

**Valve Core Assortment Kits**

AMA Valve Core Assortment

Includes:

- Contains 60 assorted valve cores covering all applications
- Hi & Lo-Side caps also included
- Supplied in sturdy plastic compartment box

Part Number: 7255-10007

![Valve Core Assortment Kits Image]

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Valve Core R12 / R134a Standard Flow</td>
<td>7255-10020</td>
</tr>
<tr>
<td>2. Valve Core R134a High Flow</td>
<td>7255-10030</td>
</tr>
<tr>
<td>3. Valve Core R134a High Flow 13mm (Lo-Side)</td>
<td>7255-10035</td>
</tr>
<tr>
<td>4. Valve Core R134a High Flow 16mm (Hi-Side)</td>
<td>7255-10037</td>
</tr>
<tr>
<td>5. Valve Core M8 – Citroen / Peugeot / Volvo</td>
<td>7255-10040</td>
</tr>
<tr>
<td>6. Valve Core R134a Large Bore - GM</td>
<td>7255-10045</td>
</tr>
</tbody>
</table>

**Professional Valve Core Removal Master Kit**

Features:

- Covers all R12 & R134a system valve cores
- Allows technician to replace valve cores without decommissioning the system
- Simple and easy process, saving time & money
- Supplied in hard plastic storage case

Part Number: 7240-10065

![Professional Valve Core Removal Master Kit Image]

**Valve Core Removal Tool**

Features:

- For use with all R134a system valve cores
- Requires system to be decommissioned

Part Number: 7240-10070

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THERMOMETERS

Electronic Digital Thermometer

Features:

- Professional product for Air Conditioning and Refrigeration
- 100mm probe
- -50°C - 300°C Temperature Range
- Max/Min temperature setting with memory and alarm

Part Number: 7230-10030E

Electronic Digital Pocket Thermometer

Features:

- Long stainless steel probe for Air Conditioning ducts
- Max/Min temperature display
- -50°C - 300°C Temperature Range

Part Number: 7230-10045

Infra-Red Thermometer with Laser

Features:

- Offers laser targeting accuracy
- Enhanced backlit LCD display
- Expanded Temperature Range (-50°C - 500°C)
- Compact design, easy to use & store
- Response time: 0.5 seconds

Part Number: 7230-10060

Dual Temp Infra-Red / Probe Thermometer

Features:

- Both infra-red and contact probe technologies
- Lock mode for hands free scanning
- Expanded Temperature Range (-55°C - 200°C)
- Compact design, easy to use & store
- Minimum / Maximum capture mode
- Adjustable Emissivity

Part Number: 7230-10065

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**ORIFICE TUBES**

Orifice Tube Kit

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Orifice Tube Kit</td>
<td>3503-90001</td>
</tr>
<tr>
<td>Black Orifice Tube</td>
<td>3503-10053</td>
</tr>
<tr>
<td>Blue Orifice Tube</td>
<td>3503-10054</td>
</tr>
<tr>
<td>Brown Orifice Tube</td>
<td>3503-10051</td>
</tr>
<tr>
<td>Orange Orifice Tube</td>
<td>3503-10055</td>
</tr>
<tr>
<td>Purple Orifice Tube</td>
<td>3503-10056</td>
</tr>
<tr>
<td>Red Orifice Tube</td>
<td>3503-79701</td>
</tr>
<tr>
<td>White Orifice Tube</td>
<td>3503-10052</td>
</tr>
<tr>
<td>Yellow Orifice Tube</td>
<td>3503-10057</td>
</tr>
</tbody>
</table>

Orifice Tube Extractor Kit

- 5pc kit will remove and install any type of orifice tube
- Supplied in custom moulded storage box

Part Number: 7450-10001

**RECYCLE GUARD**

Recycle Guard

Fits between the vehicle’s A/C system and the recycling equipment, Recycle Guard’s patented filtration removes oil, dye and additives such as sealants before it enters the recycling machine.

- High porosity filter medium
- Traps and removes leak sealants before the enter your service equipment
- Extends life of costly recovery machine oil separators
- Removes dye, traps oil sludge
- Keeps machine cleaner

Part Number: 7060-61000
Replacement Filter Pack: 7060-61050

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NEW! Line Splice

Line Splice is a quick, permanent metal line repair with no line removal. Damaged A/C, transmission, power steering, heater or other metal pipework on vehicles can cost a lot of downtime, lost productivity and customer dissatisfaction. Line splice is a permanent repair without line removal, special tools or adhesive chemicals.

Features:
- New HNBR seal sleeve dramatically expands the sealing surface area
- Anti-vibration tension ring for long-term service in high-vibration use
- Simple and easy process, saving time & money
- Compensates for ‘out-of-round’ and other tubing imperfections
- Leak free to 2300psi
- Install with spanner or wrench

### Description
- Complete Line Splice Set 7120-10000
- 1/2” Line Splice Pack 7120-10001
- 3/8” Line Splice Pack 7120-10002
- 5/16” Line Splice Pack 7120-10003
- 5/8” Line Splice Pack 7120-10004
- 3/4” Line Splice Pack 7120-10005

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### Manual Hand Crimper

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete ATCO Hand Crimp Set</td>
<td>7100-10042</td>
</tr>
<tr>
<td>#6 STD Replacement Crimp Die</td>
<td>7100-10110</td>
</tr>
<tr>
<td>#8 STD Replacement Crimp Die</td>
<td>7100-10111</td>
</tr>
<tr>
<td>#10 STD Replacement Crimp Die</td>
<td>7100-10112</td>
</tr>
<tr>
<td>#12 STD Replacement Crimp Die</td>
<td>7100-10113</td>
</tr>
</tbody>
</table>

### Lokring Tools

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lokring Hand Tool (w/o jaws)</td>
<td>7110-00001</td>
</tr>
<tr>
<td>8mm (5/16”) Lokring Assembly Jaws</td>
<td>7110-00010</td>
</tr>
<tr>
<td>10mm (3/8”) Lokring Assembly Jaws</td>
<td>7110-00020</td>
</tr>
<tr>
<td>12mm (1/2”) Lokring Assembly Jaws</td>
<td>7110-00030</td>
</tr>
<tr>
<td>16mm (5/8”) Lokring Assembly Jaws</td>
<td>7110-00040</td>
</tr>
<tr>
<td>19mm (3/4”) Lokring Assembly Jaws</td>
<td>7110-00050</td>
</tr>
<tr>
<td>Lokprep Solution</td>
<td>7110-10002</td>
</tr>
</tbody>
</table>

A comprehensive range of Lokring fittings and aluminium tubing is also available from AMA.

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**COMPRESSOR TOOLS**

**Clutch Removal**

**Compressor Clutch Kit**

Features:
- Kit includes tools to remove most clutches
- Instruction manual covers air gap specs, oil, compressor ID & FAQs
- Supplied in tough plastic carry case

Part Number: 7410-10010

**Deluxe Hub Puller and Installer**

Features:
- Kit contains complete offering of compressor clutch pullers & installers
- Includes compressor identification chart
- Supplied in custom moulded plastic case

Part Number: 7410-76001

**Master Compressor Seal Service Kit**

Features:
- Includes all tools required to replace shaft seals
- Clutch and clutch bearing removal / installation tools
- Complete with steel tool box and instructions

Part Number: 7410-91268

**Thread Chaser Kit**

Features:
- Metric Kit includes: M14, M16, M18, M20, M22, M24, M28
  Part Number: 7430-10010
- Imperial Kit includes: 5/8", 3/4", 7/8, 1", 1 1/16"
  Part Number: 7430-10020

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**Miscellaneous**

**Anti-Condensation Tape**
- Sold as 9 metre roll
- Black, reinforced self-adhesive tape with disposable protective lining

Part Number: 7700-10001

**Basic PPE Set**
- Eyewear conforms to EN166
- Nitrile based, high puncture resistant gloves (EN388/407)

Part Number: 7240-20006L

**Condenser / Evaporator Fin Comb**
- Cleans & straightens condenser and evaporator fins
- Six side head: 8, 9, 10, 12, 14 and 15 fins per inch applications

Part Number: 7240-10020

**Compressor Guard Kit**
- Catches solids and debris that system flushing misses
- OEM approved
- No hose cutting
- No potential new leak points
- Stops debris entering and damaging the compressor

Part Number: 7440-10500

**Workshop Charging Station Filter**
- Fitted to many workshop charging stations
- Should be replaced on an annual basis

Part Number: 7030-60000

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