

# cps<sup>®</sup> Automotive

*Built by technicians, for technicians*

2016/2017



2<sup>nd</sup> Edition



**MOTORVAC**



**cps**

**VIEW**


EQUIPMENT


TOOLS

CHEMICALS

**ARE YOU READY?**  

**AIR CONDITIONING SYSTEMS  
ARE SWITCHING TO A NEW REFRIGERANT**

 **R-1234YF**

 **488046YF**

**The Next Generation is Here** **cps**<sup>®</sup>

# CPS is your ready source of R-1234YF Tools, Equipment and Chemicals!



CPS draws on its long history of design and manufacture of leading tools and instruments for the HVAC/R market to provide automotive service facilities and technicians battle-tested A/C service technology.

From CPS' Revolutionary FX Series A/C Equipment and electronic leak detection to the UView line of clean, injectable A/C oils, dyes and sealants, rely on CPS to help your business achieve A/C service excellence now and in the future.



# CPS<sup>®</sup> Automotive

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# THE NEW GOLD STANDARD

In Refrigerant Management

- ✓ 7" Color Touch-Screen Control
- ✓ Patented Oilless Compressor
- ✓ Patented Motor-Controlled Ball Valves
- ✓ 1-2-5 Warranty







## FX SERIES REFRIGERANT MANAGEMENT CENTER

CPS Automotive presents the latest in ease and endurance with its FX Series Refrigerant Management Centers that quickly and efficiently recover, recycle, and recharge automotive A/C systems.

### FEATURES

- 7" Color touch screen control panel
- 1-2-5 Warranty
- Displays maximum load up to 220 lbs. (up to 100 kg)
- Foam-filled wheels
- Refrigerant Management System monitors filter life and refrigerant usage
- Hybrid compatible
- Patented unique, fast and complete refrigerant changeover system
- Supports multiple languages/UOM
- Quickly access all functions from the main screen
- 'Car Health' Mode enables printing a snap-shot of pressures before and after service
- Dual handle bars/hose drapes



### 2/3 HP OILLESS COMPRESSOR

- Designed and built by CPS for high capacity commercial applications
- Eliminates failure issues due to improper oil filling of traditional compressors

### MOTOR-CONTROLLED BALL VALVES

- Opens wider for greater flow
- Resistant to clogging of debris or sealants

### SPECIFICATIONS

- Thermal printer standard on all models
- Vehicle database (included). Refrigerant and oil charging data
- 50 lb recovery tank (two with FX3030)
- Recovery rate = Up to 1 lb/min
- 6 CFM vacuum pump/ 10 micron rated
- 3.5" gauges
- 10' power cord
- 115v, 850 W

Replacement Parts and Accessories on page 52



### FX SERIES KITS

Everything you need to be SAE compliant! Includes oil injection kit, electronic leak detector, filter maintenance kit and digital thermometer.

**FXP1** with HFO oil injection kit  
**FXP2** with dual oil injection kit



### FILTER MAINTENANCE KIT

Includes filter, vacuum pump oil and coupler o-rings.

**FX3030X1** Filter Maintenance Kit  
**ARXF5** Filter only



### FX SERIES DUST COVER

Durable, water-repellent, fitted nylon cover with Velcro slit for easy removal.

**FXXC** Dust Cover

Part No.	Certification	Refrigerant	Dimensions (inches)				UPC	HTC
			H (in)	W (in)	D (in)	Weight (lb)		
<b>FX134A</b>	SAE J2788H	R-134a	47.5	27.5	25	208	750377134012	8415.83.90
<b>FX1234W</b> without Ref ID	SAE J2843	R-1234YF	47.5	27.5	25	208	750377123412	8415.83.90
<b>FX1234</b>	SAE J2843	R-1234YF	47.5	27.5	25	208	750377123405	8415.83.90
<b>FX3030</b>	SAE J3030	R-134a & R-1234YF	60	27.5	25	240	750377303012	8415.83.90

### 👉 CUSTOMERS WHO BOUGHT THIS ITEM ALSO BOUGHT:

- FX3030X1** FX Series Maintenance Kit - Includes Filter, Vacuum Pump Oil and Coupler O-Rings
- LDA1000H** SAE Pro-Set® electronic refrigerant leak detector
- 481500** Spotgun Oil Injection Kit: injection system, R-134a hose, R-12 adapter, 8 oz Cartridge PAG 46 Oil
- 481500yf** Spotgun Oil Injection Kit: injection system, R-1234YF adapter, 8 oz cartridge PAG 46 HFO oil cartridge



## CPS® RECOVER, RECYCLE, RECHARGE SYSTEM

- Fully automatic operation of recovery, recycle, evacuate, air purge and recharge
- Patented flow control
- 2/3 HP oilless compressor
- All steel construction offers superior mobility with heavy duty casters
- Charges high and low side (or both)
- Flow control technology enables faster and more accurate recovery, recycling and recharging
- Includes 8' hoses and 50 lb storage tank
- Compliant with SAE Standards
- Easy to program with simple command-based LCD display supports five languages (English, French, Spanish, German & Chinese).

**FA1000** R-134a

**FA1234** R-134a & R-1234yf

Replacement Parts and Accessories on page 52



## CPS® RECOVER, RECYCLE, RECHARGE SYSTEM

The AR2700 Series of semi-automatic RRR machines incorporate ball valves instead of solenoids and check valves in the recovery and evacuation flow path. Both of these components are susceptible to in-field failure when exposed to foreign contaminants such as aftermarket A/C sealants, loose desiccant, and other particles that cause them to leak or seal closed. The AR2700 can be run with a selectable valve for low, high or both in recovery, recycling and recharge mode and comes with a 50 lb tank, or purchase a 90 lb tank separately.

- Semi-automatic
- AR2700M supports multiple refrigerants
- Includes 'pump-down' feature (clears the machine when changing to another refrigerant to avoid cross contamination)
- All metal cabinet construction
- Built-in tool drawer
- Selectable operating language
- Eight foot hoses with manual couplers (Optional longer hoses for large trucks, container etc.), 50 lb storage tank

**AR2700** R-134a

**AR2700M** Multiple Refrigerants

Replacement Parts and Accessories on page 52



**CPS® A/C FLUSHING MACHINE**

Simple 2-step operation with a single connection

- Powered by shop air
- Air purge
- Forward or reverse flush without changing hoses
- Easy to connect quick couplers fit evaporators, condensers and hose connections
- 8' clear braided hoses

**AFM100**

Replacement Parts and Accessories on page 52



**CPS® SUPREME FLUSH**

Specially formulated with a proprietary chemistry to remove common system contaminants

**AFMSF**



**PORTABLE CHARGING AND RECOVERY STATIONS**

Includes CS12DMV4TP6Q Portable Charging Station, TRA21 Portable Recovery Equipment and DOT tank.

**MACKIT1**



**PORTABLE CHARGING STATIONS**

Everything you need to perform full system evacuation and charging in one compact, mobile unit.

- 4-Valve manifold R-134a
- Large 2.5" (68mm) gauges
- 6' Premium Hoses
- Couplers
- 220 lb scale
- 2 CFM, single stage, dual voltage vacuum pump

**CS12DMV4TP6Q** R-134a, R22, R404A

**CS12DMV4SP6Q** R-134a



**PORTABLE RECOVERY EQUIPMENT**

- Two cylinder oilless reciprocating compressor
- Includes oil separator and moisture filter
- 115 V 50/60 Hz, 850 W
- Cleanable 100 mesh screen filter

**TRA21** Includes 30lb DOT recovery tank

**TRA210** Includes oil drain bottle



**30 lb**

**REFRIGERANT RECOVERY TANKS**

- Recover, reclaim, transport, recycle, and use for storage
- All cylinders meet DOT specifications DOT04BA-400 and DOT04BW-400
- Working pressures of 260-400 Psi
- Powder coated for maximum rust protection
- UL listed valves

**CRX430T**

**CRX430TS** With tank overfill sensor



### PRO-SET® VACUUM PUMPS

Pro-Set® vacuum pumps are your premium solution for obtaining the deepest ultimate vacuum and provide the greatest range of horsepower and free air displacement.

- Air cooled, thermally protected motors encased in a durable aluminum housing
- Large oil-fill port with proprietary, mist-free exhaust cap
- Easily accessible oil drain port
- Large oil sight glass
- Multiple SAE and ACME intake fittings with check valve
- On/Off power switch
- Rubber lined handle, skid resistant rubber feet



### PREMIUM VACUUM PUMPS

- Includes gas ballast valve which speeds attainment of deep vacuum
- Two year warranty
- SAE 1/4", 3/8", 1/2" intake fittings
- For use with Class A1 (non-toxic, non-flammable) and A2 (non-toxic, flammable) refrigerants



### COMPACT VACUUM PUMPS

- Features some of the smallest, lightest and most compact aluminum housings in the industry
- SAE: 1/4", ACME: 1/2" intake fittings
- One year warranty

### PRO-SET® PREMIUM VACUUM PUMP OIL

Extremely high quality, severely hydro-treated vacuum pump oil compatible for use in pumps made by most manufacturers. It is strongly recommended that the vacuum pump oil be changed after each use to improve service and the life of the pump.

- VPOG6** 1 Gallon Bottles
- VPOQ12** 1 Quart Bottles
- VPOP12** 1 Pint Bottles

Model	Dual Stage				Single Stage	
	<b>BEST SELLER</b> VP6D	VPC2DU (Compact)	VP10D	VP12D	<b>BEST SELLER</b> VP6S	VPC4SU (Compact)
Stage	2	2	2	2	1	1
Ultimate Vacuum	10 Microns	15 Microns	25 Microns	25 Microns	50 Microns	100 Microns
Dimensions (Inches)	12.2" x 5" x 9.6"	11.3" x 4.5" x 8.0"	14.9" x 5.7" x 10.6"	14.9" x 5.7" x 10.6"	13.1" x 5.5" x 10"	11.3" x 4.5" x 8.0"
Weight	22.5 lb (10.2 kg)	12.1 lb (5.5 kg)	30.3 lb (13.7 kg)	30.9 lb (14.0 kg)	18.3 lb (8.3 kg)	11.0 lb (5 kg)
Free Air Displacement	6 CFM @ 60 Hz (144 l/m @ 50 Hz)	2 CFM @ 60Hz (48 l/m @ 50Hz)	10 CFM @ 60Hz (240 l/m @ 50Hz)	12 CFM @ 60Hz (288 l/m @ 50Hz)	6 CFM @ 60 Hz (144 l/m @ 50 Hz)	4 CFM @ 60 Hz (96 l/m @ 50 Hz)
Motor Size (HP), RPM @ 50/60Hz	1/2 HP (2880, 3440 RPM)	1/4 HP (2880, 3440 RPM)	3/4 HP (2880, 3440 RPM)	1 HP (2880, 3440 RPM)	1/2 HP (2880, 3440 RPM)	1/4 HP (2880, 3440 RPM)
Voltage	110-120V Or 220-240V @ 50/60Hz	115V @ 60 Hz	110-120V Or 220-240V @ 50/60Hz	110-120V Or 220-240V @ 50/60Hz	110-120V Or 220-240V @ 50/60Hz	115V @ 60 Hz
Power Cord Connection to Pump	Universal IEC Socket & Voltage Selector Switch	Hardwired, Nema 115V Plug	Universal IEC Socket & Voltage Selector Switch	Universal IEC Socket & Voltage Selector Switch	Universal IEC Socket, Voltage Selector Switch, Nema 15 Plug	Hardwired, Nema 115V Plug
Oil Capacity	16 oz (470 ml)	9 oz (250 ml)	28 oz (830 ml)	27 oz (800 ml)	19 oz (540 ml)	10 oz (300 ml)
Gas Ballast Valve	Yes	No	Yes	Yes	No	No

Visit us online at [cpsproducts.com](http://cpsproducts.com)

**NEW COMPUTE-A-CHARGE<sup>®</sup> WIRELESS REFRIGERANT CHARGING SCALE**

- 220 lb (100 kg) capacity / 0.25 oz (5 g) resolution
- 8.75" platform
- For use with CPS Link™ app and Android or iOS mobile device
- Weigh, charge and recover refrigerants
- Comes with soft carrying case
- Battery operated

**CC220W** Wireless Scale  
**CCXSC** Soft Carrying Case



Version 4.3 or higher

**CPS LINK™ APP**

U.S. Patent No. 9,043,161

Easily input or access:

- Job data (name, client, invoice #)
- Client list (name, address, e-mail, phone)
- Tank Tracker™ tank and refrigerant management system
- Optional cloud storage
- Custom alarms for weight set-points
- E-mail customer and job information
- Operates in ISM band for international use

Google Play is a trademark of Google Inc. Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc. All trademarks are owned by their respective companies.

**CPS<sup>®</sup> COMPUTE-A-CHARGE<sup>®</sup> CHARGING AND RECOVERY SCALES**

- Unparalleled accuracy, precision and reliability
- Calibrated to strict NIST standards
- Ergonomic handheld remote controls with large, high contrast wide angle LCD displays
- Rugged cast aluminum platform and base assemblies for stability and long life
- Electronic and mechanical overload protected to withstand 150% of capacity
- Environmentally sealed and temperature compensated for reliable operation in extreme environments
- Automatic tare upon every start up and manual zero function
- Magnetic backing on handheld display for mounting to metal services or 360° swivel hanging hook
- Easy to read, fast response measurement on large LCD
- Visual and mechanical overload protection
- Durable protective transport case enables operation of scale in or out of enclosure



**COMPUTE-A-CHARGE<sup>®</sup> PROGRAMMABLE HIGH CAPACITY SCALE**

- 220 lb (100 kg) capacity / 0.25 oz (1g) resolution
- Programmable for automatic charging or recovery via integrated solenoid valve
- Accommodates 30, 50, 90 and 125 lb cylinders

**CC800A**



**COMPUTE-A-CHARGE<sup>®</sup> SCALES**

- Our most versatile units with best-in-class accuracy
- CC110** 110 lb (100 kg) capacity/ 5 g resolution  
**CC220** 220 lb (100 kg) capacity/ 10 g resolution

## TWICE THE SENSOR AND BATTERY LIFE OF THE LEADING COMPETITOR

### PRO-SET® REFRIGERANT LEAK DETECTOR WITH MINI UV LIGHT

- Software managed sensor rejuvenation mode initiated at start up ensures the highest level of sensitivity with every use, for up to 500 hours of detecting leaks of less than .1 oz per year
- Microprocessor controlled sensor electronics utilizing a multi channel signal detection method improves sensitivity while reducing false alarms
- Certified to meet SAE J2791 for R-134a, meets US and International standards for automotive use for SAE J2913 for HFO-1234yf, and Euro Standard EN 14624
- 50 hour battery life (3 "C" batteries) Auto Off after 10 minutes
- 2 year warranty excluding batteries and sensor
- Both visual and audible leak indicators
- Patent Pending

**LDA1000UV** With Mini Clip-On UV Light  
**LDA1000H** Leak Detector only  
 Replacement Parts and Accessories on page 53



### CLIP-ON UV LIGHT

Proprietary "Clip-On" chassis for attachment to electronic leak detectors, video borescopes and extension type devices that measure 1/4" to 3/8" in diameter.

### UVMINI

Replacement Parts and Accessories on page 53



### LEAK-SEEKER® REFRIGERANT LEAK DETECTOR

A rugged, three position slide switch is used to turn the instrument on and select either LO or HI sensitivity ranges. Visual indication of the leak size is provided by a high intensity LED varying in brightness with the concentration of the refrigerant.

### LS780C

Replacement Parts and Accessories on page 53



### LEAK-SEEKER® REFRIGERANT LEAK DETECTOR

Combines the most advanced electronic circuitry with Ion-pump® sensor technology creating a highly sensitive, accurate electronic refrigerant leak detector. Over 100 computer generated tones and a high intensity bar graph display quickly alerts the user to varying halogen concentrations. Patented, automatic calibration design eliminates the need for manual balance or tick rate adjustments.

### LS790B

Replacement Parts and Accessories on page 53

### LEAK DETECTION POCKET MIRRORS

Spot those hard-to-find leaks and traces of refrigerant dye and oil in difficult areas by supplementing your detection with a telescoping mirror.

### CIRCULAR TELESCOPING MIRROR

1 1/4" diameter  
**TLMIR1**



### CIRCULAR TELESCOPING MIRROR

2 1/4" diameter  
**TLMIR2**



### RECTANGULAR TELESCOPING MIRROR

3 1/2" x 2"  
**TLMIR3**







**NITROGEN PRESSURE LEAK TEST KIT**

Easily pre-check systems for leaks due to loose mechanical connections, hose leaks, evaporators and condensers without using refrigerant and venting into the atmosphere.

NITROKIT includes: a high quality 1-valve manifold with a 0-200 PSIG 3-1/8" gauge, 6' (180cm) premium red 1/4" service hose, 15' yellow hose assembly with 1/4" MPT x 1/4" coupler and a high side automotive snap coupler.

**NITROKIT**  
**NITROKITG** Includes nitrogen regulator



**NITROGEN REGULATOR**

- Enables pressure control of nitrogen tank for A/C pressure testing and transducer calibration

**BRRN1**



*Built in LED Light*



*K-Type Input*

**INFRARED THERMOMETER WITH ADJUSTABLE EMISSIVITY AND LASER SIGHT**

- High output laser sighting for visual reference to measurement area
- Integrated probe port for use with any wired K-type accessory probe
- Focused 12:1 distance to spot ratio for accuracy over extended distances
- User adjustable emissivity settings for accurate measurement of varied surface materials
- Unit displays Min/Max Average temperature readings
- Integrated LED worklight illuminates work area for safety
- Measurement display in °F or °C on a 4-digit back-lit LCD

**TMINI12**



**DIGITAL POCKET THERMOMETER**

Digital pocket thermometer with stainless steel probe and pocket clip. Range: -58° to 302°F / -50° to 150°C

**TMDP**



**ANALOG POCKET THERMOMETER**

5" (127 mm) analog pocket thermometer with 1" dial and stainless steel probe and pocket clip

**TMAP** Fahrenheit scale 0 - 220°F  
**TMAPC** Celsius scale -10 to 100°C



**A/C FLUSH GUN W/REGULATOR AND UNIVERSAL COUPLER AND BLOW GUN**

Used for flushing components on or off the car.

- Simple to use with shop air. Just fill the cylinder with flush solution
- Works well on all condensers and evaporators
- Comes complete with cylinder, hose and flush gun

**TLFGRA** Regulator, universal coupler, cylinder, hose and flush gun

**TLFG** Cylinder, hose and flush gun



**VACUUM GAUGE WITH DIGITAL LCD DISPLAY**

- Calibrated to strict NIST standards for best-in-class accuracy and reliability
- Advanced sensor design with self-heated thermistor bridge and automatic temperature compensation
- Field cleanable sensor designed to withstand 400 Psi of positive pressure
- Continual digital readout of evacuation process on large, easy to read 5-digit LCD display
- User selectable units: Microns, Torr, in/hg or mBar

**VG200**



**16'' RUBBER BOTTOM TOOL ORGANIZER**

**TLBAG2**



**SQUARE TOOL ORGANIZER**

**TLBAG1**



**PRO-SET<sup>®</sup> R-134A, R-1234YF**

- **Body Type:** 2-Valve anodized aluminum block body
- **Valve Type:** Triple Seal™ piston valves
- **Fittings:** ¼" SAE
- **Gauges:** 3 1/8" silicon dampened; 1.0 accuracy
- **Hoses:** (3) 6ft
- **Includes:** Two sets of manual couplers

**MTHF0134**

Replacement Parts and Accessories on pages 52-53



**PRO-SET<sup>®</sup> R-12, R-134A**

- **Body Type:** 2-Valve anodized aluminum block body
- **Valve Type:** Vortech<sup>®</sup> Deep Vacuum Valves
- **Fittings:** ¼" SAE
- **Gauges:** 2½" silicon dampened; 1.6 accuracy
- **Hoses:** (3) 6ft with 45° ball valves on end
- **Includes:** R-134a couplers

**MA1234**

Replacement Parts and Accessories on pages 52-53



**PRO-SET<sup>®</sup> R-134A**

- **Body Type:** 2-Valve anodized aluminum block body
- **Valve Type:** Triple Seal™ piston valves
- **Fittings:** ½" ACME
- **Gauges:** 3 1/8" silicon dampened; 1.0 accuracy
- **Hoses:** (3) 6ft
- **Includes:** Manual couplers

**MT717A6Q**

Replacement Parts and Accessories on pages 52-53



**BLACKMAX<sup>®</sup> R-134A**

- **Body Type:** 2-Valve black anodized aluminum block body
- **Valve Type:** Triple Seal™ piston valves
- **Fittings:** ¼" SAE 45°
- **Gauges:** 2½" silicon dampened; 1.6 accuracy
- **Hoses:** (3) 8ft
- **Includes:** Manual couplers, protective gauge boots, hanging hook and tin carrying case

**MAID8QZ**

Replacement Parts and Accessories on pages 52-53





**BLACKMAX® PREMIUM HOSES**

- Nylon permeation barrier (Meets SAE J2196)
- Leak-proof 8-sided crimp
- 800 Psi working pressure/ 4000 Psi burst pressure
- All-weather flexibility and strength
- Extra deep knurling on nuts for easy grip
- Adjustable valve core depressor
- Blow off grooves prevent spray back

**HA8BKAZ** 8ft w/chrome fittings 1/2" x 1/2"

**HA8BKZ** 8ft 14mm x 1/2"

Replacement Parts and Accessories on page 53



**1/4" SAE CHARGING HOSES**

Size	Features	3Pack	Blue	Red	Yellow
3ft		HS3	HS3B	HS3R	HS3Y
	(ABB)	HS3A	HS3BA	HS3RA	HS3YA
	(BV)	HS3E	HS3BE	HS3RE	HS3YE
5ft		HS5		HS5R	HS5Y
	(ABB)	HS5A	HS5BA	HS5RA	HS5YA
	(BV)	HS5E	HS5BE	HS5RE	HS5YE
6ft		HS6	HS6B	HS6R	HS6Y
	(BV)	HS6E	HS6BE	HS6RE	HS6YE
	(IBV)	HS6L	HS6BL	HS6RL	HS6YL
8ft		HS8	HS8B	HS8R	HS8Y
	(BV)	HS8E		HS8RE	HS8YE
	(IBV)	HS8L	HS8BL	HS8RL	HS8YL

**1/2" R-134A CHARGING HOSES**

Size	Features	3Pack	Blue	Red	Yellow
3ft			HA3B	HA3R	HA3Y
	(ABB)	HA3A	HA3BA	HA3RA	HA3YA
5ft			HA5		HA5Y
	(ABB)	*call			HA5YA
6ft			HA6	HA6B	HA6R
	(ABB)	HA6A			HA6YA
8ft			HA8	HA8B	HA8R
					HA8Y

(ABB) = Anti-Blowback

(BV) = Ball Valve

(IBV) = Inline Ball Valve



- R-134a premium manual coupler set
- 14mm fittings
- Six latching balls provide superior alignment
- 14mm female thread

**QC134SET** Both  
**QCL134** Low Side  
**QCH134** High Side



- R-134a snap coupler set
- 14mm fittings

**QC13490SET** Both  
**QCL13490** Low Side  
**QCH13490** High Side



- HFO1234YF manual coupler set
- 12mm female
- Six latching balls provide superior alignment

**QC1234SET** Both  
**QCL1214MM** Low Side  
**QCH1214MM** High Side



- Manual coupler set with AD84L adapter fitting used to convert R-12 to HFO1234YF
- 1/4"SAE male
- Six latching balls provide superior alignment

**QC123414SET** Both  
**QCL123414** Low Side  
**QCH123414** High Side



- Manual coupler set with AD88L adapter fitting used to convert R-134a to HFO1234YF
- 14mm female
- Six latching balls provide superior alignment

**QC1214SET** Both  
**QCL1214MM** Low Side  
**QCH1214MM** High Side



**R-134A VALVE CORE REMOVER AND INSTALLER**

- Fits high and low service with standard size valve cores
- Built-in ball valve retains charge and allows access to A/C system
- Excellent for replacing valve cores without discharging the system and for speedy recovery and recharging

**TLVC134**



**R-12/R-134A VALVE CORE AND ORIFICE KIT**

The TLK134 is the most complete tool kit on the market for valve core and orifice tube service. Includes an easy to find application chart.

**TLK134**



**SPRINGLOCK TOOL KIT**

- TL7238** (Includes all four)
- TL7239** 3/8" Fitting Springlock Tool (Red)
- TL7240** 1/2" Fitting Springlock Tool (Blue)
- TL7241** 5/8" Fitting Springlock Tool (Black)
- TL7242** 3/4" Fitting Springlock Tool (Beige)



**REFRACTOMETER**

Antifreeze / Battery / Cleaning Fluids Tester  
 This instrument is designed for testing the concentration of battery fluids, antifreeze liquids and cleaning fluids. The percentage indicator indicates the point of freezing for both propylene glycol and ethylene glycol. It can also be used for checking the strength of electrolyte solution in batteries.

**TLREF**



**A/C ALUMINUM DISCONNECT TOOL KIT**

Complete A/C and transmission line disconnect tool kit

- Features aluminum durable construction
- Sizes – 1/2", 3/8", 5/8", 3/4"
- For use with all vehicle makes and sizes

**TL7881**



**R-134A REFILLABLE EXPANDABLE SAE OIL DYE INJECTOR**

SAE oil and dye injector is designed to be installed on the low side of the manifold. The injector has a 2-ounce capacity and 1/2" ACME threads for easy installation.

- TLJ4** Assembly as pictured above
- TLJX4H** Replacement Oil Injector Hose for TLJ4
- TLJXR** Oil Injector O-Ring R-12/R-134a

For use with UView A/C oil page 28



**3-IN-1 SIDE CAN TAP VALVE**

Can be used with both R-12, R-134a, and oil cans

- Has both 1/4" and 1/2" ACME tee fittings
- Permanently attached swiveling inserts
- Quick change between can sizes

- TLCT1234**
- TLCTXG** 10 Replacement Gaskets



**HOSE FITTING  
ANTI-BLOWBACK**

**AB** 1/4" SAE male x 1/4" SAE female  
**AB12** 1/2" Male x 1/2" female ABB hose end fitting



**HOSE FITTING  
BALL VALVE**

**BV12** 1/2" ACME male x 1/2" ACME female straight ball valve  
**BVXH** BV Handle with red, blue & yellow inserts



**125 LB TANK FITTINGS**

**AD41** 3/4"-14 x 1/4" SAE male  
**AD81** 3/4" x 1/2" ACME male



**HFO TANK ADAPTERS**

**AD84L** 1/4" SAE male x 1/2" ACME Left hand female  
**AD88L** 1/2" ACME male x 1/2" ACME Left hand female



**ADAPTER FITTING**

**AD48** (3 pack) 1/4" SAE female x 1/2" ACME male adapter  
**AD48L** (3 pack) 1/4" SAE female x 1/2" ACME left hand male



**ADAPTER FITTING**

14mm male x 1/4" SAE male  
**AD14**



**ADAPTER FITTING  
LOW-SIDE R-134A**

1/2" ACME F x Low-Side R-134a  
**AD12**



**ADAPTER FITTING**

1/4" SAE male x 1/2" ACME F adapter  
**AD84**



**R-134A SERVICE  
PORT CAPS**

**AVC134H** High Side (10 pack)  
**AVC134L** Low Side (10 pack)



**VALVE CORES**

**AVS1** (10pack)



**4-WAY SAE VALVE CORE  
THREAD CHASER**

1/4" and 3/16"  
**TLVC4**  
**TLXVC** (Rebuild kit for TLVC4)



**POCKET VALVE CORE  
TOOL**

Comes with four spare cores  
**TLVC1**



**DUAL VALVE CORE  
REMOVER AND  
INSTALLER**

(1/4" SAE Valves and Auto R-134a Valves)  
**TLVC2**



**VALVE CORE  
REMOVER AND  
INSTALLER**

R-134a 8/10mm  
**TLVC810**



**R-134A/R-12 90°  
FLEX HOSE ADAPTER  
KIT**

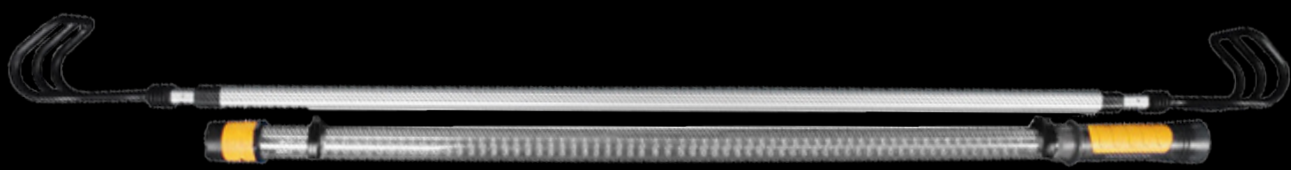
**ADK1234**



**R-12 TO R-134A  
CHARGE AND VACUUM  
ADAPTER KIT**

**ADK134**





**RECHARGEABLE UNDERHOOD LED WORKLIGHT**

See under the hood clearly with this ultra-bright LED worklight. The retractable handles allow limitless mounting possibilities.

- 200 LEDs
- Ultra-bright LED lamps
- Rechargeable battery
- Shatterproof tube

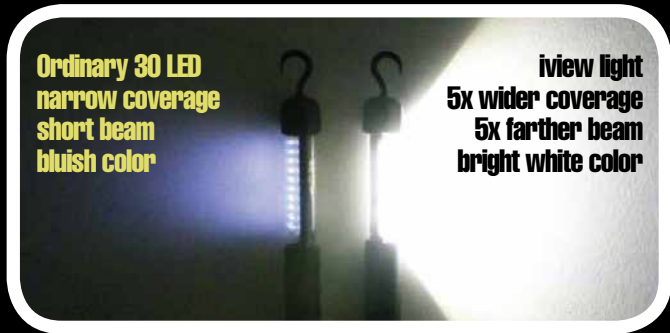
**TLWL132R**

Replacement Parts and Accessories on page 53



**iView**

**A difference you can clearly see.**



Ordinary 30 LED  
narrow coverage  
short beam  
bluish color

iView light  
5x wider coverage  
5x farther beam  
bright white color

**VIEW CORDLESS RECHARGEABLE WORKLIGHT**

“Single Strip” LED technology offers technicians a wider, brighter light. The iView emits over 330 lumens of light, the equivalent of a 75 watt incandescent bulb, at a wide angle without any shadows or hotspots. Three hours of continuous battery life allows you to finish your job with the same bright light you started with.

- Wide angle lens
- Eliminates the hassle of repositioning your light
- No shadows or hotspots
- Comfortable grip and impact resistant housing
- Smart charger never overcharges, preserves battery life

**413310**

Replacement Parts and Accessories on page 53

# UVIEW<sup>®</sup>



Visit us online at [uview.com](http://uview.com)



# BUILT BY TECHNICIANS- FOR TECHNICIANS.

- ✓ *Premium A/C dyes, oils, and sealants*
- ✓ *Industry-leading injection systems*
- ✓ *A/C leak detection and maintenance solutions*





SMALL ADDITIVE PACKAGE.

# BIG DIFFERENCE. SAME DOSE.

DO MORE WITH  
YOUR DYE.



Check out our video  
to learn more here!



## DETECT • ENHANCE • EXTEND

Super-concentrated UV dye	Friction modifier	Anti-wear additive	Antioxidant
<p>Detects leaks quickly, saving time and money. A/C ExtenDye is proven to fluoresce brighter than the competition. And there's no need to use more. Use the same quantity of A/C ExtenDye per application as our Universal A/C dye.</p>	<p>Increases lubricity (less friction) of the compressor oil, improving efficiency (friction coefficient) by over 50% and improving fuel economy.</p>	<p>Creates a film that prevents contact between metal parts; reducing friction and heat, thereby extending component life. Effectively quiets noisy compressors.</p>	<p>Stops the oxidation process, reduces acidity and prolongs oil life.</p>
<p><b>Fluorescence</b> A/C ExtenDye fluoresces brighter than the competition</p>	<p><b>Friction Coefficient</b></p>	<p><b>Wear Resistance</b> (Falex Test)</p>	<p>When combined, we refer to this exciting new additive package as QuietCool™ Technology.</p>

Visit us online at [uview.com](http://uview.com)

# LEAK DETECTION DYES

## A/C EXTENDYE™



### A/C EXTENDYE™ CARTRIDGE

Works exclusively with the Spotgun Jr.™ injection system

- 399020A** 1 oz Cartridge
- 399020AEU** 1 oz Winged Cartridge
- 399006A** 0.25 oz Cartridge
- 399006AEU** 0.25 oz Winged Cartridge



### A/C EXTENDYE™ CARTRIDGE

Works exclusively with the Spotgun™ injection system

- 499108A** 8 oz Cartridge



### A/C EXTENDYE™ BOTTLE

- B499024A** 1 oz Bottle
- B499012A** 0.25 oz Bottle



### A/C EXTENDYE™ BOTTLE

- Exclusive new bottle design with accurate dosing chamber
- 499008A** 8 oz Bottle



### NEW! CPS® VIVID UNIVERSAL A/C DYE

*Provides excellent fluorescence and exceptional value!*

- Highly fluorescent formula
- Co-solvent free chemistry
- Certified to meet SAE J2297 for use in R-134a and R-1234yf systems
- Compatible with hybrid vehicles

- UVVD8** 8.45 oz Bottle
- 477108** 8 oz Cartridge



### MULTI-PURPOSE DYE

- Pinpoint leaks in engine oil, transmission, hydraulic, power steering, gasoline, and diesel fuel systems
- Services eight vehicles

- 483208** 8 oz Bottle
- B483206** (6) 1 oz Bottle



### RADIATOR COOLANT DYE

*For use with regular (green) coolant*

- Pinpoint leaks in cooling systems, including radiator, hoses, fittings, water pumps and head gaskets

- 483908** 8 oz Bottle
- B483906** (6) 1 oz Bottle

See more dyes on following page

# LEAK DETECTION DYES

## NOT ALL DYES ARE CREATED EQUAL...

All UView dyes are super concentrated and safe for A/C systems. All UView air conditioning dyes meet SAE J2297 Standard for R-134a PAG systems and the new R-1234yf systems with PAG oil and are Hybrid safe.

Part#	Description	Unit Size	Std Pack	UPC	Unit (inches & lbs)				ITF-14 Master Carton	Case (inches & lbs)			
					Length	Width	Height	Weight		Length	Width	Height	Weight
<b>A/C ExtenDye®</b>													
499008A	A/C ExtenDye Bottle	8 oz	6	628604004486	3.75	1.75	6.00	0.62	16286044990106	10.50	4.20	6.50	4.03
B499024A	A/C ExtenDye Bottle	1 oz	6	628604005162	1.25	1.25	3.00	0.15	16286044990243	4.50	1.75	1.75	0.45
B499012A	A/C ExtenDye Bottle	0.25 oz	12	628604005148	1.00	1.00	1.75	0.10	16286044990120	4.50	2.75	3.00	0.12
499108A	A/C ExtenDye Cartridge	8 oz	6	628604004424	2.00	2.00	9.75	0.75	16286044991103	6.00	4.25	10.00	4.65
399020A	A/C ExtenDye Cartridges	4 x 1 oz	1	628604004448	4.75	1.75	4.75	0.45	NA				
399006A	A/C ExtenDye Cartridge	0.25 oz	6	628604005100	1.00	1.00	2.00	0.10	16286043990077	6.50	2.20	1.20	0.25
399020AEU	A/C ExtenDye Cartridges Winged	4 x 1 oz	1	628604004462	4.75	1.75	4.75	0.45	NA				
399006AEU	A/C ExtenDye Cartridge Winged	0.25 oz	6	628614005124	1.00	1.75	2.00	0.10	16286043990084	65.00	2.20	2.20	0.25
<b>Universal A/C Dye</b>													
UVIVD8	<b>NEW!</b> CPS Vivid A/C Dye	8.45 oz	6	628604006121	3.75	1.75	6.00	0.60	16286044990113	10.50	4.20	6.50	4.10
477108	<b>NEW!</b> CPS Vivid A/C Dye cartridge	8 oz	6	628604009085	2.00	2.00	9.75	0.75	16286044771088	6.00	4.25	10.00	4.65
499387	R-134a A/C Dye Capsules	6 x 0.06 oz	1	628604001829	4.75	3.25	1.75	0.30	N/A				
499005	Universal A/C Dye Cartridge	4 oz	6	628604001492	2.00	2.00	9.50	0.50	16286044990052	6.00	4.25	10.00	3.50
499009	Universal A/C Dye with eBOOST Bottle	8 oz	6	628604002383	3.75	1.75	6.00	0.60	16286044990090	10.50	4.20	6.50	4.10
499012	Universal A/C Dye Packets	12x.025oz	1	628604004448	4.50	2.75	1.75	0.12	N/A				
499109	Universal A/C Dye Cartridge with eBOOST	8 oz	6	628604003946	2.00	2.00	9.50	0.75	16286044991097	6.00	4.00	10.25	4.65
<b>Multi-Purpose Dye</b>													
B483206	Multi-Purpose Dye Bottles	6x1 oz	1	628604001638	4.50	2.75	3.00	0.60	N/A				
483208	Multi-Purpose Dye Bottle	8 oz	1	628604000488	3.50	1.75	6.00	0.55	16286044832086	10.50	4.20	6.50	4.10
483210	Multi-Purpose Dye for industrial use	1 gal	1	628604003106	5.50	5.50	12.00	7.30	N/A				
<b>Coolant Dye</b>													
B483906	Radiator Coolant Dye Bottles	6x1 oz	6	628604001621	4.50	2.75	3.00	0.70	N/A				
483908	Radiator Coolant Dye Bottle	8 oz	1	628604000518	3.50	1.75	6.00	0.55	16286044839085	10.50	4.20	6.50	4.10
<b>Dye Cleaner</b>													
481032	UV Dye Cleaner Spray bottle with nozzle	32 oz	6	628604001393	4.50	2.75	9.00	2.45	16286044810329	9.25	9.25	9.50	15.40

Visit us online at [uview.com](http://uview.com)



# LEAK DETECTION KITS

## 1 YOUR CHOICE OF INJECTION SYSTEM.

- The original Spotgun™ is versatile and economical
- The Spotgun Jr. is perfect for controlling inventory through the use of single application cartridges

## 2 YOUR CHOICE OF CHEMISTRY DEPENDING ON YOUR NEEDS.

- A/C ExtenDye™ is formulated with super concentrated UV Dye, plus friction modifiers, anti wear additives and antioxidants
- Also available with Universal A/C Dye

## 3 YOUR CHOICE OF UV DETECTION LIGHT.

Not all UV lights are created equal!

- 12V Mega-Lite™ and Micro-Lite™ provide strong, reliable power any time
- UV Phazer™ BLACK™ offers extreme performance and outstanding versatility
- LED-Lite™ offers an economical UV light
- Pico-Lite™ offers excellent value





## LEAK DETECTION KITS

Everything you need to find leaks—fast!

- All kits come with the industry's toughest and most durable UV enhancing glasses
- Storage case
- R-12 and R-134a adapters

Replacement Parts and Accessories on page 54

Part No.	Injection System	Application	UV Light	Qty/Size	UPC	Unit (inches & lbs)			
						Length	Width	Height	Weight
414500A	Spotgun	A/C ExtenDye	Micro-Lite	8 oz / 240 mL	628604004585	17.00	13	5	6.55
414565A			UV Phazer BLACK (Rechargeable)	8 oz / 240 mL	628604004608	17.00	13	5	6.10
332005A	Spotgun Jr.	A/C ExtenDye	UV Phazer Black (AAA Battery)	4 x 1 oz / 30mL	628604004561	14.00	11	4	3.6
332010A			Pico-Lite	1 oz / 30mL	628604005247	14.00	11	4	3.6
332220A			Pico-Lite	2 x 1 oz / 30mL	628604005261	14.00	11	4	3.6

# Leak+Guard™



**SAFELY AND PERMANENTLY  
SEALS LEAKS**



**CONTAINS SUPERIOR A/C  
DYE**



**THE FIRST SEALANT  
CERTIFIED TO  
MEET SAE J2670**

**YOUR  
BEST  
LINE OF  
DEFENSE**



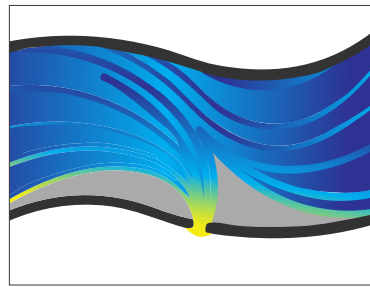
Visit us online at [uview.com](http://uview.com)

# A/C SEALANT

## THE SEALANT THAT WORKS EXCLUSIVELY WITH THE BEST INJECTION METHOD—THE SPOTGUN!

### LEAKGUARD™ PROFESSIONAL A/C STOP LEAK

- LeakGuard is the first A/C stop leak to be certified to meet the SAE J2670 Standard
- LeakGuard is specifically formulated for slow leaks (up to 0.5mm/0.02") that can occur over a 6–12 month period
- LeakGuard is endorsed by one of the largest U.S. service providers and used in every A/C service
- Used as a preventive maintenance, LeakGuard will stay in the system as a high quality lubricant until such time that a leak occurs
- Safely seals leaks in both rubber and metal components
- LeakGuard is an oil based sealant that does not react to moisture and will not harden, crystallize or clog the A/C system
- Safe for use in all systems, and all recovery equipment
- Contains super concentrated UV dye to diagnose leaks and stop them



LeakGuard™ (illustrated as yellow) seeks out even the smallest leaks and forms a permanent mechanical seal.



### LEAKGUARD™ 1 OZ CARTRIDGE

Works exclusively with the Spotgun Jr.™ injection system  
**480301**



### LEAKGUARD™ 8 OZ CARTRIDGE

Works exclusively with the Spotgun™ injection system  
**480308**

Part#	Description	Unit Size	Std Pack	UPC	Unit (inches & lbs)				ITF-14 Master Carton	Case (inches & lbs)			
					Length	Width	Height	Weight		Length	Width	Height	Weight
<b>LeakGuard™</b>													
480308	LeakGuard Cartridge	8 oz	6	628604004424	2.00	2.00	9.75	0.75	16286044803086	6.00	4.25	10.00	4.65
480300	LeakGuard Injection Kit - Spotgun Jr.	2 x 1 oz 1 x .25 oz	1	628604004523	13.75	8.25	2.13	1.50		N/A			
480301	LeakGuard Cartridge	1 oz	4	628604001577	1.00	1.00	4.00	0.15	16286044803017	4.75	1.50	4.75	0.40
480301EU	LeakGuard Cartridge Winged	1 oz	4	628604001003	1.00	1.00	4.00	0.15	N/A	4.75	1.50	4.75	0.40
480310EU	LeakGuard Injection Kit - ECO-Twist	1 oz	1	628604003564	6.75	4.00	1.50	0.40		N/A			
<b>A/C Sealants</b>													
480000	A/C Stop Leak Plus with UV Dye	4 oz	6	628604001904	3.25	2.75	5.25	0.50	16286044800009	8.75	7.00	6.00	3.10
480200	A/C Treatment Cartridge with UV Dye	1 oz	12	628604004066	1.00	1.00	4.00	0.10	16286044802003	7.75	4.50	2.20	1.30



# Leak+Guard™ OneShot

With A/C EXTENDYE™

## THE ONE SUPPLEMENT YOU NEED.

- QUICKLY AND EFFECTIVELY STOPS LEAKS
- DETECTS LEAKS WITH PREMIUM UV DYE
- ENHANCES A/C SYSTEM PERFORMANCE AND PROLONGS LIFE
- TOPS OFF A/C SYSTEMS WITH AN EXTRA 2 OZ OF R-134A
- WILL NOT HARM A/C SYSTEM OR RECOVERY EQUIPMENT



## INCLUDES:

LeakGuard™ Technology	A/C ExtenDye™	Friction Modifier	Anti-wear Additive	Antioxidant	R-134a Refrigerant
Effectively finds and permanently stops small leaks as they form. Does not harden or crystallize.	Fluoresces leaks brighter than the competition.	Increases lubricity (less friction) of the compressor oil, improving efficiency (friction coefficient) by over 50% and improving fuel economy.	Creates a film that reduces contact between metal parts; reducing friction and heat, thereby extending component life. Effectively quiets noisy compressors.	Stops the oxidation process, reduces acidity and prolongs oil life.	Tops up system with refrigerant lost to leaks.

Part#	Description	Unit Size	Std Pack	UPC	Unit (inches & lbs)				ITF-14 Master Carton	Case (inches & lbs)			
					Length	Width	Height	Weight		Length	Width	Height	Weight
<b>NEW! 480500</b>	LeakGuard OneShot Can	3.25 oz	12	628604008743	2.07	2.07	4.75	0.34	16286044805004	9	6.75	6.125	4.41

# EMERGING TECHNOLOGIES

## UView is prepared for the future of mobile air conditioning.

# A/C OIL

Be ready for the new R-1234yf systems with our specially formulated oil, engineered to extend and enhance component, fluid and system life. UView oils provide additional corrosion and anti-wear protection, temperature and chemical stability even in extreme conditions and exceptional lubricity and viscosity index characteristics.

UView hybrid oil is designed for electrically driven compressors. It is specially packaged to avoid moisture contamination, maintaining excellent resistivity.



### Spotgun™

- The world's most popular and professional injection method. Pull the trigger to inject a precise amount of dye and you're done!
- The most economical system per service
- Accurate dye delivery controls costs
- Cleanest delivery method available. No mess, no waste



### Spotgun Jr.™

#### "Single-Shot" System


- Professional injection system for those that need to manage their inventory
- Smaller dosage, as low as one cartridge per vehicle



### ECO-Twist™

#### Outstanding Value

- Economical injection system
- Perfect for advanced DIY users or low volume shops

Part#	Description	Unit Size	Std Pack	UPC	Unit (inches & lbs)				ITF-14 Master Carton	Case (inches & lbs)			
					Length	Width	Height	Weight		Length	Width	Height	Weight
<b>Spotgun A/C Oil Cartridges</b>													
488046YF	PAG 46 <b>1234yf</b>	8 oz	6	628604004967	1.75	1.75	9.75	0.70	16286044880490	6.00	4.25	10.00	4.40
4880460E	Double-End-Capped Universal PAG	8 oz	6	628604003403	1.75	1.75	9.75	0.70	16286044880490	6.00	4.25	10.00	4.40
488046P	PAG 46	8 oz	6	628604000877	1.75	1.75	9.75	0.70	16286044880469	6.00	4.25	10.00	4.40
488100P	PAG 100	8 oz	6	628604000884	1.75	1.75	9.75	0.70	16286044881008	6.00	4.25	10.00	4.40
488108E	ESTER 100	8 oz	6	628604000587	1.75	1.75	9.75	0.70	16286044881084	6.00	4.25	10.00	4.50
488125P	PAG 125 Meets GM spec. #9985752	8 oz	6	628604000891	1.75	1.75	9.75	0.70	16286044881251	6.00	4.25	10.00	4.50
488150P	PAG 150 Oil Cartridge	8 oz	6	628604000907	1.75	1.75	9.75	0.70	16286044881503	6.00	4.25	10.00	4.50
488104H	Hybrid Ester 	4 oz	6	628604003427	4.75	2.00	11.00	0.45	16286044881046	12.00	4.25	12.50	3.35
<b>NEW! Spotgun Jr. A/C Oil Cartridges</b>													
399046	Universal PAG 46 Oil	1 oz	12	628604001300	1.00	1.00	2.00	0.10	10628604399046	7.75	4.50	2.00	1.2
399046YF	PAG 46 <b>1234yf</b>	1 oz	4	628604009023	1.00	1.00	2.00	0.10	16286043990473	6.50	2.20	1.20	0.4
399100	PAG 100	1 oz	12	628604008422	1.00	1.00	2.00	0.10	16286043991005	7.75	4.50	2.00	1.2
399150	PAG 150	1 oz	4	628604008446	1.00	1.00	2.00	0.10	16286043991500	6.50	2.20	1.20	0.4
321410H	Hybrid Kit Refill	1 oz.	6	628604003946	6.5	4.5	1	0.15	16286043214104	7	4.5	6	1.2



# A/C OIL



## NEW! UVIEW PAG A/C OIL

- Available with or without A/C ExtenDye™ for fast leak detection
- A/C ExtenDye™ includes enhanced additive package to reduce wear, extend component life and improve efficiency of the A/C system
- Available in standard pack of 12
- 46 and 100 viscosities available

Part#	Description	Unit Size	Std Pack	UPC	Unit (inches & lbs)				ITF-14 Master Carton	Case (inches & lbs)			
					Length	Width	Height	Weight		Length	Width	Height	Weight
<b>A/C Oil Bottles</b>													
488046PB	PAG 46 Oil Bottle	8 oz	12	628604004844	1.91	1.91	6.60	0.63	16286044880476	8.25	6.50	7.75	8.00
488046PBD	PAG 46 Oil Bottle with A/C ExtenDye	8 oz	12	628604004868	1.91	1.91	6.60	0.63	16286044880483	8.25	6.50	7.75	8.00
488100PB	PAG 100 Oil Bottle	8 oz	12	628604004882	1.91	1.91	6.60	0.63	16286044881015	8.25	6.50	7.75	8.00
488100PBD	PAG 100 Oil Bottle with A/C ExtenDye	8 oz	12	628604004905	1.91	1.91	6.60	0.63	16286044881022	8.25	6.50	7.75	8.00
488016E	Universal Ester Oil with Dye and eBOOST	16 oz	12	628604003700	2.25	2.25	8.25	1.25	16286044880162	7.75	10.00	9.00	15.30
488016P	Universal PAG Oil with Dye and eBOOST	16 oz	12	628604003724	2.25	2.25	8.25	1.25	16286044880168	7.75	10.00	9.00	15.30
499019	eBOOST with A/C dye and Universal Oil Bottle	1 oz	6	628604003625	1.00	1.00	3.00	0.10	16286044990199	4.50	3.25	2.80	0.65



# A/C INJECTION KITS

A/C OIL | A/C EXTENDYE | LEAKGUARD

- ✓ **No Contamination**
- ✓ **Precise Injection**
- ✓ **No Waste**



SAE standards for A/C equipment in North America prohibit the use of onboard oil injection, (meaning oil must be added separately). This is the easiest and most efficient way to add A/C oil separately.

**1**

## YOUR CHOICE OF INJECTION SYSTEMS.

- The original Spotgun™ is versatile and economical
- The Spotgun Jr. is perfect for controlling inventory through the use of single application cartridges
- The ECO-Twist™ system is the perfect entry-level injection tool




**2**

## YOUR CHOICE OF CHEMISTRY DEPENDING ON YOUR NEEDS.

- A/C ExtenDye™ is formulated with super concentrated UV dye, plus friction modifiers, anti wear additives and antioxidants
- Also available with Universal A/C Dye
- A/C Oil is a perfect companion to SAE A/C recovery units
- LeakGuard™ is formulated to safely and permanently stop small leaks

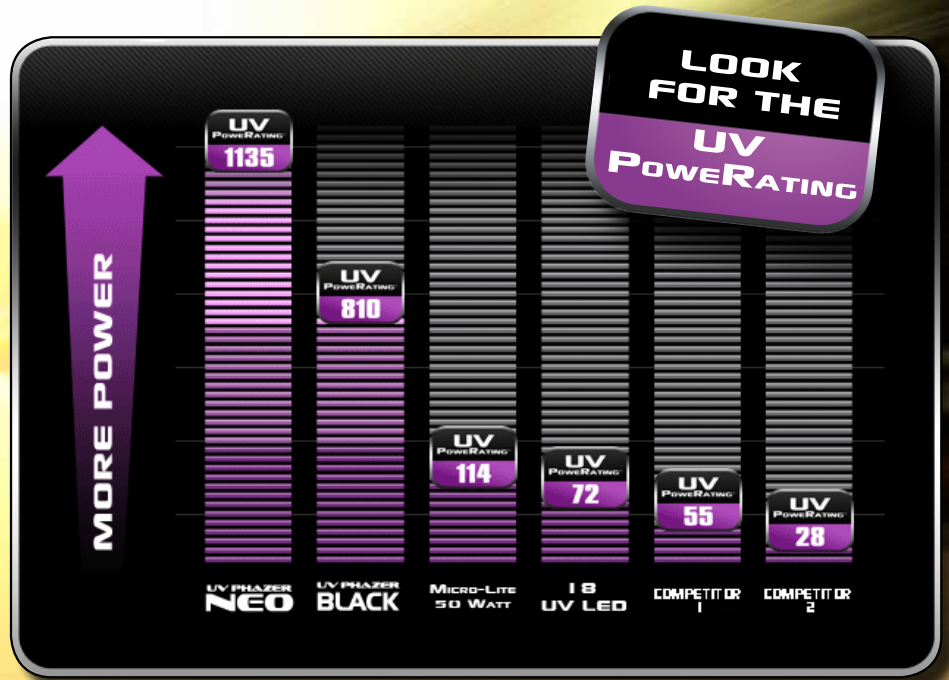


Replacement Parts and Accessories on page 55




Part No.	Injection System	Application	Refrigerant	Qty/Size	UPC	Unit (inches & lbs)			
						Length	Width	Height	Weight
471500A		A/C ExtenDye	R-134a, R-12	8 oz / 240 mL	628604004523	13.75	8.25	2.13	2.86
481500		PAG 46 A/C Oil	R-134a, R-12	8 oz / 240 mL	628604005940	13.75	8.25	2.13	2.86
481500YF		PAG 46 HFO A/C Oil	<b>R-1234yf</b>	8 oz / 240 mL	628604005964	13.75	8.25	2.13	2.86
331500A		A/C ExtenDye	R-134a, R-12	4 x 1 oz / 30mL	628604005223	13.75	8.25	2.13	1.70
330500A		A/C ExtenDye	R-134a, R-12	4 x 0.25 oz / 7.5mL	628604005209	13.75	8.25	2.13	1.50
<b>NEW</b> 381400		PAG 46 A/C Oil	<b>R-1234yf</b>	8 x 1 oz	628604008705	13.75	8.25	2.13	2.5
<b>NEW</b> 381450		PAG 46 & PAG 46 HFO A/C Oil	R-134a, R-12, <b>R-1234yf</b>	4 x 1 oz 4 x 1 oz	628604008729	13.75	8.25	2.13	3
480300		LeakGuard	R-134a, R-12	2 x 1 oz / 30mL	628604004523	13.75	8.25	2.13	1.70
321500A		A/C ExtenDye	R-134a, R-12	4 x 1 oz / 30mL	628604005186	2.50	6.50	9.25	0.85
480310EU		LeakGuard	R-134a, R-12	1 oz / 30mL	628604003564	6.75	4.00	1.50	0.40
321400H		Hybrid Oil Cartridge	R-134a, R-12	1 oz / 30mL	628604003885	2.50	6.50	9.25	0.85

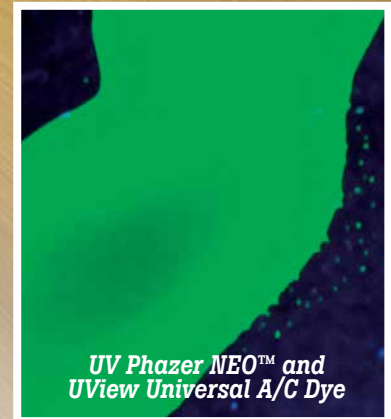
# NOT ALL UV LIGHTS ARE CREATED EQUAL

*A/C systems are getting smaller, and leaks are harder to find. UView helps you find more leaks faster, saving you money!*



What the lumens index does for visible lighting, the UV PowerRating™ Index does for the UV spectrum by quantifying light output that most effectively fluoresces UV dyes.

- 
**High Output True UV LED™ UV light fluoresces dyes brighter and provides more contrast than blue LEDs, making leaks easier to find and reduces inspection time.**
- 
**Constant power output ensures the light produces peak output, regardless of battery charge.**
- 
**Adjustable Lens Focus allows for focusing light intensity**



**ACTUAL PHOTOS (images have NOT been enhanced.)**

UV DETECTION LIGHTS								
Part No.	Description	Battery	Run Time (minutes)	UPC	Unit (inches & lbs)			
					Length	Width	Height	Weight
413025	UV Phazer NEO	Rechargeable Lithium-ion	90	628604003908	10.75	4.25	3.25	0.75
413065	UV Phazer BLACK	Rechargeable Lithium-ion	120	628604004004	10.75	4.50	3.25	0.75
413075	UV Phazer BLACK	3 x AAA alkaline	120	628604004028	10.75	4.50	3.25	0.75
413000	Micro-Lite 12V/50W (w/storage case)	12V (Vehicle)	NA	628604000068	12.50	9.25	3.75	2.40
413001	Micro-Lite 12V/50W	12V (Vehicle)	NA	628604000075	9.00	9.25	5.50	1.45
415000	Mega-Lite 2V/100W (w/storage case)	12V (Vehicle)	NA	628604001423	14	11	4	2.8
415001	Mega-Lite 2V/100W	12V (Vehicle)	NA	628604001447	9.00	9	6	2
413010	LED-Lite (6 LEDs)	3 x AAA alkaline	60	628604002581	7.75	4.50	2.00	0.50
413020	Pico-Lite	3 x AAA alkaline	60	628604002604	7.75	4.50	2.00	0.50





Powered by  
**LI-ION**  
Technology

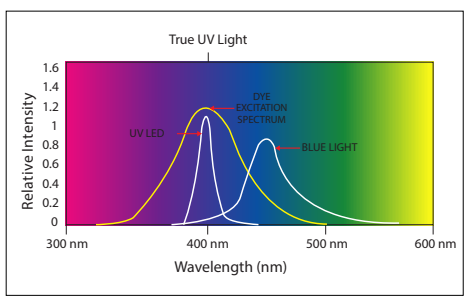
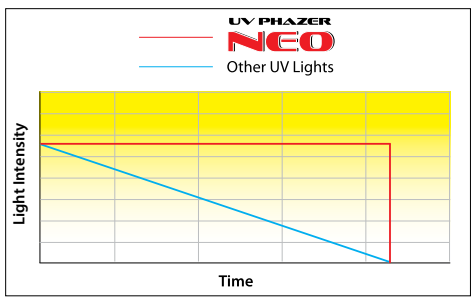
**UV PowerRating**  
**1135**

### UV PHAZER™ NEO™ UV LEAK DETECTION LIGHT

*NEO™ finds leaks that others miss.*

- High Output UV LED
- True UV: Fluoresces dyes brighter than blue LED lights
- Maintains steady power output throughout charge
- Adjustable lens focus allows focusing light intensity
- Rechargeable Lithium Ion battery: Years of trouble free battery life
- Compact design, perfect for use in tight areas
- Durable aluminum construction

**413025**  
Replacement Parts and Accessories on page 54



Powered by  
**LI-ION**  
Technology

**UV PowerRating**  
**810**

### UV PHAZER™ BLACK UV LEAK DETECTION LIGHT

*Extreme Performance. Outstanding Value.*

- Powerful, true UV LED illuminates up to 11X brighter
- 400nm wavelength fluoresces dyes brighter
- Provides more contrast than blue light, making leaks easier to identify
- Adjustable lens allows quick scans for larger leaks, or a concentration of light for hard-to-find, smaller leaks
- Compact housing allows for access into tight spaces
- Rugged aluminum construction stands up to years of heavy use

**413065** (Rechargeable Li-Ion) pictured above  
**413075** (AAA Batteries) pictured at right  
Replacement Parts and Accessories on page 54



*The rechargeable version 413065 features a Lithium Ion battery, good for two hours of output, charge after charge. An all new charging port eliminates the need to remove the battery for charging. A smart charger protects the battery from overcharging and extends battery life, for years of trouble free use. The AAA version 413075 is cost effective yet powerful, with two hours of output.*



**UV PowerRating**  
**180**

### MICRO-LITE™ 50-WATT INSPECTION LIGHT

*Compact and Powerful.*

- The most popular 50-watt light. 70-degree angled head allows access into tight areas making leak detection easier
- Includes UV enhancing glasses

**413001**  
**413000** (w/storage case)  
Replacement Parts and Accessories on page 54



### LED-LITE™ (SIX LED)

*Professional compact leak detection light with six LEDs to illuminate all UV leak detection dyes.*

- Includes UV enhancing glasses
- 3 AA batteries included

**413010**  
Replacement Parts and Accessories on page 54



### PICO-LITE™

*Professional compact leak detection light delivers big performance.*

- Utilizing a 1-Watt Luxeon®, the latest in high intensity LED technology
- Compatible with all UV leak detection dyes
- Includes UV enhancing glasses
- 3 AA batteries included

**413020**  
Replacement Parts and Accessories on page 54



# GIVE YOUR CAR THE FLU SHOT



*Treat mold, mildew and bacteria*



*MiST™ nano-droplets get directly to the source of the problem*

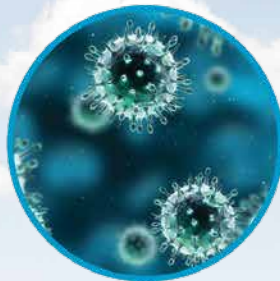


*Safe, simple and effective profit generator that targets the health of the driver and occupants, not the vehicle*

*Start offering every one of your customers this inexpensive treatment...for their health!*



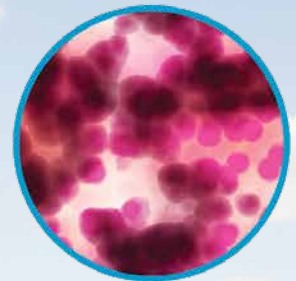
**Removes  
Mold**



**Removes  
Flu Bug**



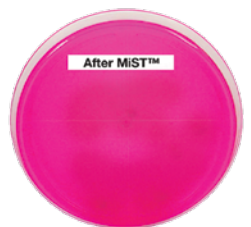
**Removes  
Pollen**



**Removes  
Bacteria**



## MIST™ VENT SAMPLES BEFORE & AFTER



Visit us online at [uview.com](http://uview.com)

# AWARD-WINNING COMPLETE IN-CAR SERVICE

MiST™ penetrates the entire ventilation system and passenger compartment surfaces to restore interior air quality. Mist is a safe, simple and effective service that targets the health of the driver. MiST is the perfect preventive maintenance (PM) service because it can be run on any vehicle, leased or owned that comes into your shop, regardless of year, make, model or mileage.



## MiST™ Ultrasonic Cleaning Unit

- Portable 12V DC ultrasonic machine
- Nano-droplet delivery system of a specially formulated cleaning solution
- Fast service time
- Unattended operation
- Automatic shut-off upon completion

**590160**

Replacement Parts and Accessories on page 55



## MiST™ Starter Pack

Includes:

- Mist Ultrasonic Cleaning Unit
- (2) Cases of 12 MiST Ultrasonic Cleaning Solution

**590160P**

Replacement Parts and Accessories on page 55



## Battery Extension Cord

- 12 ft with accessory outlet
- Connects directly to vehicle battery
- For use when cigarette lighter does not work

**590155**

Replacement Parts and Accessories on page 55



## MiST™ Cleaning Solution

- MiST service for vehicle interiors and ventilation system
- Designed for exclusive use with MiST Ultrasonic unit (Single application)

**590250**



## MiST™ Auto Remarketing

- Specially designed for used cars to treat mold, mildew and bacteria in the HVAC System and cabin of a vehicle
- Designed for exclusive use with MiST Ultrasonic unit (Single application)

**590260**



## MiST™ Vent Air Fresheners

- Clip-on vent. Fragrance leaves vehicle smelling clean and fresh

**590235** Summer Breeze

**590236** Spicy Apple

**590237** Citrus

**590238** Vanilla

**590239** Clean Car

Part#	Description	Std Pack	Unit Size	UPC	Unit (inches & lbs)				ITF-14 Master Carton	Case (inches & lbs)			
					Length	Width	Height	Weight		Length	Width	Height	Weight
590160	MiST II Ultrasonic Cleaning Unit	1	NA	628604003182	16.00	8.25	10.50	5.80	NA	NA	NA	NA	NA
590250	MiST Cleaning Solution	12	3.38 oz	628604002925	2.00	2.00	4.75	0.30	16286045902504	13.00	4.75	5.00	4.15
590260	MiST Auto Remarketing Formula	12	3.38 oz	628604006107	2.00	2.00	4.75	0.30	16286045902603	13.00	4.75	5.00	4.15
590235	Vent Clip: Summer Breeze Air Freshener	12	NA	628604002840				NA		6.00	4.00	0.50	0.05
590236	Vent Clip: Spicy Apple Air Freshener	12	NA	628604002864				NA		6.00	4.00	0.50	0.05
590237	Vent Clip: Citrus Air Freshener	12	NA	628604002888				NA		6.00	4.00	0.50	0.05
590238	Vent Clip: Vanilla Air Freshener	12	NA	628604002901				NA		6.00	4.00	0.50	0.05
590239	Vent Clip: Clean Car Air Freshener	12	NA	628604003342				NA		6.00	4.00	0.50	0.05
590155	12V Battery Extension Cord with accessory outlet (12ft)	1	NA	628604002826					NA				



OEM  
APPROVED



### AIRLIFT™ KIT

Eliminate airlocks in vehicle cooling systems and refills in seconds. OEM approved worldwide!

- Refills the entire cooling system including the heater core!
- Eliminates time consuming bleeding and purging
- Checks for leaks while under vacuum
- Works on: cars, trucks, off road vehicles
- Suitable for battery cooling systems in electric and hybrid vehicles

**550000**

Replacement Parts and Accessories on page 54



### AIRLIFT™ II

An inexpensive solution to today's complex problem of airlocks in vehicle cooling systems.

- Refills entire cooling system in seconds, including the heater core!
- Eliminates time consuming bleeding and purging
- Checks for leaks while under vacuum
- Push button valve eliminates the need to change hoses
- Works on all cooling systems with "Fits-All" cone adapter

**550500**

Replacement Parts and Accessories on page 54

OEM  
APPROVED



### AIRLIFT™ II HD

- Built to remove airlocks in the HD cooling system.
- Eliminates the time consuming process of refilling and bleeding cooling systems by creating a vacuum that refills the entire system in seconds, including the heater core, EGR coolers, intercoolers, and aftercoolers
- Equipped with a 90 degree angled gauge to accommodate tight fit applications and also checks for leaks while under vacuum
- Includes a cone adapter to fit most systems with an extra-long 8' hose for hard-to-reach areas
- OEM Approved by International Truck

**550500HD**

Replacement Parts and Accessories on page 54





### COMBUSTION LEAK TESTER

- Dual-chamber design for higher accuracy to eliminate false readings
- First chamber filters out alkaline particles that could result in a false indication of a combustion leak
- Test results in the second chamber provide a true indication of a combustion leak
- Works on gasoline and diesel engines

**560000**



### COMBUSTION LEAK TESTER FLUID

- For Combustion Leak Tester #560000 (uses +/- 2 oz of fluid per service)
- Positive proof a leak is present:  
*If tester fluid changes from blue to yellow in gasoline engines*  
*If tester fluid changes from blue to green in diesel engines*

**560500**



### RADIATOR TEST KIT

Unit comes complete with adapters, pressure test pump, thermometer and case.

- Has all adapters necessary to work with virtually 99% of all vehicles on the road domestic and foreign
- Full set of adapters for heavy and light duty trucks
- Color-coded adapters

**TLRAD** (Adapters are color coded anodized aluminum)  
**TLRADN** (Adapters are color coded durable nylon)



## THE VACUFILL IS A PROVEN ENGINE TOOL THAT REMOVES AND REFILLS COOLANT SYSTEMS AND PERFORMS A BUILT-IN LEAK TEST IN LESS TIME THAN TODAY'S CONVENTIONAL METHODS.

- **Connects easily to all engine cooling systems.** Simply connect to radiator opening or reservoir tank. No need to cut heater hoses or disconnect upper radiator hoses
- **Test for leaks.** Confirms system integrity, reduces chance of refilling a leaky system
- **Eliminates potential airlock problems.** Refill cooling system using "Patented" vacuum technology. (Refills like OEM's) Eliminates the need for burping and warm up
- **Refills in seconds.** Quickly refill from used or new coolant reservoir. Accurately pre-mix a 50/50 mixture of coolant in three gallon holding reservoir
- Safely store used coolant in large, 12 gallon holding reservoir
- No electrical or moving parts
- Operates completely on shop air
- Easy to operate
- Ideal for use with coolant flush chemicals

### VACUFILL™

- Connects easily to all engine cooling systems
- Available with auxiliary pump for emptying the waste coolant reservoir
- Tests for leaks while under vacuum
- Refills the entire system in seconds while eliminating airlocks
- Large three gallon new-coolant fill tank
- Large 12 gallon waste-coolant reservoir

**570000** VacuFill™

**570000X** VacuFill™ with Waste Pump

Replacement Parts and Accessories on pages 54-55



**WASTE PUMP**

# MOTORVAC®

*Your partner in preventive maintenance™*



MACHINES | CHEMICALS | ADAPTERS

Visit us online at [motorvac.com](http://motorvac.com)

**ISO 9001**  
CERTIFIED



# NEXT GENERATION LEAK DETECTION FOR FORCED INDUCTION GASOLINE AND DIESEL ENGINES.

**COOL SMOKE® HP DELIVERS MARKET-LEADING EASE OF USE, RELIABILITY AND LEAK DETECTION.**

## COOL SMOKE® HP

- Control CoolSmoke® HP with your Android® or Apple® mobile device
- Delivers dense smoke across its entire operating range of 3-60 psi unlike competitive products that must reduce smoke output at higher pressures due to limitations in their technologies
- 3.5 inch multicolor digital LCD display
- The Cool Smoke® HP operates on 12 or 24 volt DC, is not polarity sensitive and draws minimal current. Smoke is produced without heat, making it safer, more reliable and more energy efficient than competitive models
- Customer configurable settings include multiple languages and units of measure
- Multiple adapter configurations ensure the ability to connect to any automotive induction system

**500-0150** Cool Smoke® HP with Turbo Adapter Kit

**500-0150NA** Cool Smoke® HP without adapters



**200-0150**  
Turbo Adapter Kit

Model	Cool Smoke® HP
Input	12 to 24 VDC 1A (not polarity dependent)
<b>Machine Dimensions</b>	
Height	33 cm (13")
Width	28 cm (11")
Depth	46 cm (18")
<b>Carton Dimensions</b>	
Height	38 cm (15")
Width	46 cm (18")
Depth	51 cm (20")
Shipping Weight	4.5 kg (9.8 lbs)
New Fluid Capacity	120 mL (4.1 fl oz)
Waste Tank Capacity	N/A
Length of Power Cord	3 m (10 ft)
Length of Hose	2.5 m (8 ft)
Warranty	One Year

## FOR USE WITH COOLSMOKE® HP



## COOLSMOKE® REPLACEMENT FLUID

Designed specifically for use with the MotorVac Cool Smoke System

- CoolSmoke fluid with UV Dye pin-points leaks faster and more accurately than any other leak detection fluid
- Environmentally friendly

**400-1054** 6.8 oz

**400-1055** 4.1 oz (won't overflow unit)





## CARBONCLEAN® 1000

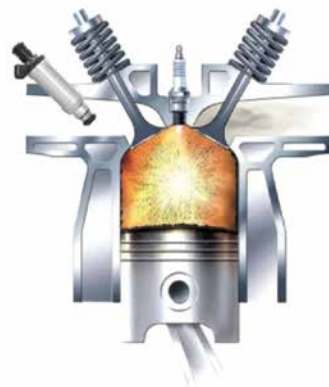
Everything you need to provide The Tune-Up for the 21st Century!

Complete, professional through-rail fuel system decarbonizing service

- Unique time saving adapter system makes connecting to the rail simple and fast
- Premixed detergent solution utilizes proprietary CarbonClean chemistry
- Online application guide

**500-0220**

Adapters listed numerically on page 50



## WHY USE CARBONCLEAN 1000?

After recognizing the need for fuel cleaning services, the MotorVac team looked at what is currently offered in the market today. Induction services are relatively quick and simple to perform, but fail to distribute product to all cylinders and do not provide a thorough cleaning. Fuel rail hook ups provide the most effective results, but in the past have been overlooked due to complexity of disabling the fuel pump and connecting to the fuel rail.

The CarbonClean 1000 was designed to overcome these challenges while providing the thorough cleaning of a fuel rail and engine decarbonizing service, with the convenience of a simple hook up utilizing our online application guide and easy to use fuel adapter connect set. Once the service is near completion a warning buzzer is activated eliminating a check engine light at end of service. Furthermore, the CarbonClean 1000 offers fuel pump performance diagnostic capabilities as well as fuel system functionality.

Model	CarbonClean® 1000
Input	12 VDC 1A

### Machine Dimensions

Height	99 cm (39")
Width	28 cm (11")
Depth	43 cm (17")

### Carton Dimensions

Height	104 cm (41")
Width	61 cm (24")
Depth	48 cm (19")
Shipping Weight	8.6 kg (20 lbs)
New Fluid Capacity	Single use can
Waste Tank Capacity	N/A
Length of Power Cord	4.9 m (16 ft)
Length of Hose	3 m (10 ft)
Warranty	One Year



**200-0122**  
S Tool



**300-3200**  
Dust Cover



## Adapters

Scan the QR code to view our online catalog of adapters.

## FOR USE WITH CARBONCLEAN® 1000



### CARBONCLEAN® MV5

Fuel System Cleaner and Engine Decarbonizer

- Super concentrated detergent package rapidly cleans fuel system including injectors and intake valves
- Exclusive Hydrobond™ Technology uses proprietary chemistry to “steam clean” combustion chamber deposits
- Works exclusively with CarbonClean® 1000

**400-0050**



### CARBONCLEAN® MV6

Fuel System Cleaner and Engine Decarbonizer

- Super concentrated detergent package rapidly cleans fuel system including injectors and intake valves
- Exclusive Hydrobond™ Technology uses proprietary chemistry to “steam clean” combustion chamber deposits
- Works with any pressurized canister tool with fuel rail connectivity

**400-0060**

Visit us online at [motorvac.com](http://motorvac.com)

# CARBONCLEAN® 245

Professional Fuel System Service and Diagnostic Center

- Advanced electronic controls
- Unique safety features allow system to run unattended
- Fuel system diagnostic capabilities allow up to five different tests to be performed
- The CarbonClean 245 comes with the ICS Kit Part#200-8667

**500-0245**

Adapters listed numerically on page 50

Model	CarbonClean® 245
Input	12 VDC 6A
<b>Machine Dimensions</b>	
Height	96.5 cm (38")
Width	58.4 cm (23")
Depth	43 cm (17")
<b>Carton Dimensions</b>	
Height	104 cm (41")
Width	61 cm (24")
Depth	48 cm (19")
Shipping Weight	34 kg (75 lbs)
New Fluid Capacity	4.7 L (5 qt)
Waste Tank Capacity	N/A
Length of Power Cord	3 m (10 ft)
Length of Hose	3 m (10 ft), 3.7 (12 ft)
Warranty	One Year



## Online MotorVac Application Guide

Scan the QR code or type in the URL to view step-by-step instructions. [motorvacapplicationguide.com](http://motorvacapplicationguide.com)

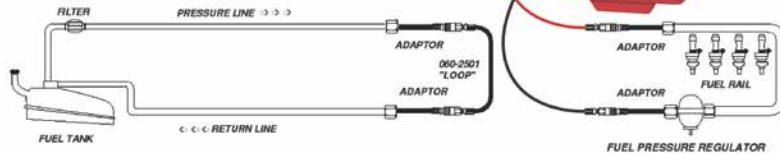


**200-8667**  
ICS Kit (Included)



## Adapters

Scan the QR code to view our online catalog of adapters.



# FOR USE WITH CARBONCLEAN® 245



## CARBONCLEAN® MV3 Fuel System Cleaner Concentrate

- Proprietary gas/petrol detergent concentrate
- Eliminates soft carbon and other contaminants
- Contains no harmful alcohols such as methanol and hexanol which are known to damage seals

**400-0020** (8 oz)  
**400-0126** (32 oz)



## CARBONCLEAN® MV4 Intake System Cleaning Detergent

- Incorporates a foaming action to decarbonize air intake, plenum, throttle body, intake runners and intake valves
  - Applied using the ICS kit or S-Tool canister
  - Not harmful to seals
- 400-0030**





## CARBONCLEAN® DUAL

Complete Fuel System Service for both Gasoline and Diesel Engines

- The CarbonClean Dual services both gasoline and diesel engines to clean the entire fuel system. When used with fuel system cleaning detergents and the Intake Cleaning Kit, CarbonClean Dual cleans the gasoline engine's air plenum, throttle body, air bypass valve, injectors, valves, combustion chambers, oxygen sensor and catalytic converters without having to remove any engine components. When used with diesel detergent, CarbonClean Dual cleans the diesel fuel injectors, injector pump and combustion chambers
- Works on port-fuel, TBI, CIS, and carbureted systems
- Safely dissolves contaminants, gum and varnish deposits, capturing them in the built-in 10 micron filter
- Cleans injector screens, intake and exhaust valves, top of pistons, combustion chamber, oxygen sensor and catalytic converter
- Safely dissolves and removes soft carbon deposits and passes them through the exhaust

**500-0352**

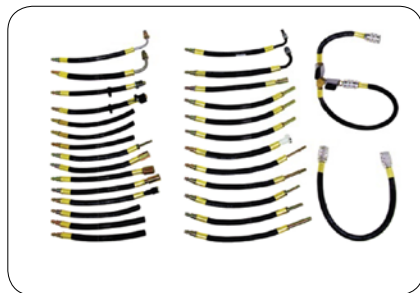
Adapters listed numerically on page 50



### Adapters

Scan the QR code to view a listing of all adapters.

Note: Carbonclean Dual comes with a combination of Carbonclean 245 and DieselTune adapters.



**200-3025A**  
Standard Adapters (Included)



**200-3026A**  
Deluxe Adapters (Included)

Model	CarbonClean® Dual
Input	12 VDC 6A
<b>Machine Dimensions</b>	
Height	96.5 cm (38")
Width	58.4 cm (23")
Depth	43 cm (17")
<b>Carton Dimensions</b>	
Height	104 cm (41")
Width	61 cm (24")
Depth	48 cm (19")
Shipping Weight	40.8 kg (90 lbs)
New Fluid Capacity	2 L (2.1 qt) for Petrol and Diesel
Waste Tank Capacity	N/A
Length of Power Cord	2.7 m (9 ft)
Length of Hose	3 m (10 ft)
Warranty	One Year

## FOR USE WITH CARBONCLEAN® DUAL



### MOTORVAC® CARBONCLEAN® MV3 and MOTORVAC® DieselTune™ MV3D

Fuel System Cleaner and Engine Decarbonizer

- The CarbonClean Dual works with MV3 gas/ petrol concentrate and the MV3D diesel concentrate

**400-0020** CarbonClean MV3

**400-0010** DieselTune MV3D

### MotorVac Detergents Clean From the Inside Out

- Our CarbonClean detergents will loosen and dissolve the resin, gum and varnish that build up throughout an engine's entire fuel system.
- Our cleaning process starts from the air intake, all the way through to the exhaust system.
- CarbonClean detergents use a proprietary formula that combines various elements to form a strong-yet-safe cleaner.
- Our detergents do not contain methanol, isopropanol, hexanol, butanol or ethanol, all known to be corrosive in fuel.
- CarbonClean detergents will not damage the engine components and can be used with confidence.



## DIESELTUNE™

### Professional Fuel System Service for Diesel Engines

DieselTune is a 2-line cleaning system that connects to the engine through OEM specific adapters. DieselTune passes a concentrated mixture of MotorVac cleaning detergent and diesel fuel through the components of the fuel system while the engine is running. The system removes organic and inorganic fuel deposits that build up in fuel injectors, injection pumps and combustion chambers. Carbon, gum and varnish deposits in the entire upper engine are dissolved and removed during combustion, then passed through the exhaust.

- Variable pressure for diesel lift pumps up to 100psi or 6.8 bar
- Safely dissolves carbon deposits on diesel engines through exclusive soak mode
- Microprocessor-based controls for automatic operation
- Automatically maintains correct pressure and flow for worry-free operation
- Safe for use in all diesel engines, including heavy-duty truck applications
- Patented microprocessor for ease of use
- Lowers exhaust opacity and harmful emissions
- Automatically maintains correct pressure and flow for worry-free operation
- Exclusive soak mode for deep cleaning of the fuel delivery system
- Restores fuel economy and horsepower
- Extends fuel injector and fuel pump life

### 500-4006P

Adapters listed numerically on page 50

Model	DieselTune™
Input	12 VDC 6A
<b>Machine Dimensions</b>	
Height	99 cm (39")
Width	53.3 cm (21")
Depth	43 cm (17")
<b>Carton Dimensions</b>	
Height	104 cm (41")
Width	61 cm (24")
Depth	48 cm (19")
Shipping Weight	36.3 kg (80 lbs)
New Fluid Capacity	17.4 L (4.6 gal)
Waste Tank Capacity	N/A
Length of Power Cord	3 m (10 ft)
Length of Hose	3 m (10 ft)
Warranty	One Year



### Adapters

Scan the QR code to view a listing of all adapters.

## FOR USE WITH DIESELTUNE™



### MOTORVAC® DieselTune™ MV3D

Fuel System Cleaner and Engine Decarbonizer

- The CarbonClean Dual works with MV3 gas/ petrol concentrate and the MV3D diesel concentrate

400-0010 DieselTune MV3D



**Dirty injectors impede flow and dispersion of fuel. Clean injectors improve fuel system efficiency and performance.**



## TRANSTECH™ IV+

### *Inline and Dipstick Automatic Transmission Fluid Exchange System*

The TransTech IV+ combines both Inline and Dipstick capabilities allowing for the two most common methods of ATF exchange from a single machine. With both Inline and Dipstick services together in one cabinet, the TransTech IV+ occupies reduced floor space with minimal investment while providing service to a wider variety of vehicles.

#### **Inline Exchange**

This conventional ATF exchange method provides an effective transmission flush by connecting directly to the transmission cooler lines. New fluid flows through the transmission as old fluid is directed into the TransTech IV+ waste tank in a 1-to-1 ratio.

**Dipstick Exchange** - The TransTech IV+ features a convenient Dipstick option that allows an effective ATF exchange through the transmission dipstick tube. This useful alternative is suitable when cooler lines are corroded or difficult to access.

- **Automatic Inline Exchange** - Connect to a transmission cooler line and press one button—walk away until the service is complete
- **Dipstick Exchange** - A convenient dipstick tube exchange requiring no tools or adapters
- **Drain Pan Feature** - Allows operator to drain transmission pan for a convenient and mess-free filter change
- **Transmission Cooler Flush Feature** - Allows operator to flush transmission cooler and cooler lines

- **Patented Level Synchronization** - Ensures the transmission cannot be under or overfilled
- **Automatic Bypass** - Ensures that transmission will not run out of fluid during the exchange process
- **26 Quart New Fluid Reservoir** - Allows user to service large capacity transmissions
- **High Volume Pump** - For rapid and efficient service

**500-1125B**

Adapters listed numerically on page 51

Model	TransTech™ IV+
Input	12 VDC 8A

#### **Machine Dimensions**

Height	99 cm (39")
Width	53.3 cm (21")
Depth	43 cm (17")

#### **Carton Dimensions**

Height	104 cm (41")
Width	61 cm (24")
Depth	48 cm (19")
Shipping Weight	40.8 kg (90 lbs)
New Fluid Capacity	24.6 L (26 qt)
Waste Tank Capacity	24.6 L (26 qt)
Length of Power Cord	3 m (10 ft)
Length of Hose	3 m (10 ft)
Warranty	One Year



### **Adapters**

Scan the QR code to view a listing of all adapters.

## FOR USE WITH TRANSTECH™ IV+



### **MOTORVAC® UNIVERSAL ATF PROTECTANT**

By using MotorVac Universal ATF Protectant, a full service facility can service virtually all vehicles by stocking only synthetic DEXRON® III and DEXRON® VI.

- Eliminates the need to stock multiple ATF types
- Prolongs transmission life by reducing excessive heat and friction
- Ensures smoother shifting and eliminates transmission shudder
- Conditions and restores seals and O-rings to help eliminate leaks

**400-1030AS**



### **MOTORVAC® TRANSTECH™ TT2K**

#### *2-Step Cleaning and Conditioning Kit*

- Add the service chemical in through the dipstick

#### **STEP 1** TT1 ATF Cleaner:

Removes varnish, sludge and contaminants that build up in the transmission.

#### **STEP 2** TT2 ATF Conditioner:

Rejuvenates seals and reduces the possibility of leaks. The conditioner also reduces oxidation and heat-related breakdowns.

**400-0137 (2 Step Kit)**

Visit us online at [motorvac.com](http://motorvac.com)

## TRANSTECH™ III+

### Inline Automatic Transmission Fluid Exchange System

A complete professional inline automatic transmission fluid exchange system that is now even easier to use with our new automatic flow direction technology and our exclusive inline chemical treatment program. The TransTech III+ advanced electronic interface allows complete, “one touch” control. It even has a quick and easy “Drain Pan” function for spill free transmission filter changes during ATF exchange. The TransTech III+ connects through transmission cooler lines and provides a clean, environmentally-friendly and systematic approach to servicing automatic transmissions. The unit will flush virtually all of the old transmission fluid and replace it with the new fluid while controlling the flow automatically with the engine running.

- **Automatic Inline Exchange**  
Connect to a transmission cooler line and press one button— walk away until the service is complete
- **Drain Pan Feature**  
Allows operator to drain transmission pan for a convenient and mess-free filter change
- **Transmission Cooler Flush Feature**  
Allows operator to flush transmission cooler and cooler lines
- **Patented Level Synchronization**  
Ensures the transmission cannot be under or overfilled
- **Automatic Bypass**  
Ensures that transmission will not run out of fluid during the exchange process

### 500-1100B

Adapters listed numerically on page 51

Model	TransTech™ III+
Input	12 VDC 8A
<b>Machine Dimensions</b>	
Height	99 cm (39")
Width	53.3 cm (21")
Depth	43 cm (17")
<b>Carton Dimensions</b>	
Height	104 cm (41")
Width	66 cm (26")
Depth	53 cm (21")
Shipping Weight	39.5 kg (87 lbs)
New Fluid Capacity	24.6 L (26 qt)
Waste Tank Capacity	24.6 L (26 qt)
Length of Power Cord	3 m (10 ft)
Length of Hose	3 m (10 ft)
Warranty	One Year



### Adapters

Scan the QR code to view the adapters. Adapters are listed on next page.

## FOR USE WITH TRANSTECH™ III+



### TRANSTECH™ ATF CLEANER AND PROTECTANT CARTRIDGES

2-step inline kit  
400-0137EU



### TRANSTECH™ INLINE SERVICE KIT

For vehicles with no dipstick.

- New inline starter kit allows the cleaner and protectant to be introduced directly into the transmission cooler system
- Applies service chemicals in the most effective way
- Includes ATF Cleaner and Protectant Cartridges and Spotgun

300-4110





## STEERCLEAN™ 1000

*A Fast and Efficient Power Steering Exchange Machine*

SteerClean is designed to exchange virtually all of a vehicle's power steering fluid in just 5 minutes with a few simple steps.

SteerClean can increase a shop's profits by reducing the time it takes to do a complete exchange and simplifies the process for the technician. This new turnkey PSF service center is easy to use with a one-touch control and provides a highly effective service for all automotive vehicles. The SteerClean System will ensure that you are conducting the best service possible.

Friction and heat in the power steering system causes oxidation that breaks down the fluid and its lubricating ability. This can accelerate wear in the pump, valves and gears and result in expensive repairs. Debris and contaminants in the power steering system can cause the valves and other components to stick, dry and worn out seals can lead to leaks, and foaming can lead to vibration in the system, all creating difficult steering and problems in the system. The SteerClean Service will improve the operation of the steering system and extend its life.

- Safe and effective preventive maintenance service to improve steering performance and extend component life
- The service can be performed safely and compatible with all domestic vehicles

### 500-7050

Model	SteerClean™ 1000
Input	12 VDC 6A
<b>Machine Dimensions</b>	
Height	96.5 cm (38")
Width	55.9 cm (22")
Depth	43 cm (17")
<b>Carton Dimensions</b>	
Height	109 cm (43")
Width	61 cm (24")
Depth	48 cm (19")
Shipping Weight	38.6 kg (85 lbs)
New Fluid Capacity	2 L (2.1 qt)
Waste Tank Capacity	3.8 L (1 gal)
Length of Power Cord	3 m (10 ft)
Length of Hose	2.7 m (9 ft)
Warranty	One Year

## FOR USE WITH STEERCLEAN™ 1000



### STEERCLEAN™ SCK1000

*2-Step Cleaning and Conditioning Kit*

**STEP 1** SteerClean Power Steering Flush Detergent removes varnish and sludge deposits to increase fluid circulation and extend component life. Promotes a better fluid exchange.

**STEP 2** SteerClean Power Steering Fluid Conditioner protects against wear and noise and helps keep the system clean after a service. Conditions seals to prevent potential leaks.

**400-1045 (2 Step Kit)**

## COOLANTCLEAN™ III

Professional coolant exchange service in just minutes.

The CoolantClean III exchanges virtually all of the used coolant mixture in a vehicle's cooling system in a few simple steps. The CoolantClean III coolant flush service can increase a shop's profits by reducing the time it takes to do a complete fluid exchange to approximately 15 minutes. Simply by connecting to the vehicle's upper radiator hose, the unit will flush virtually all of the old coolant and replace it with the new coolant

- Static or dynamic fluid exchange
- One switch, multi-function operation with "closed loop" mode at end of service
- Unique "vacuum switch" regulates system depressurization and fluid evacuation
- Complete flow synchronization maintains a 1-to-1 fluid ratio exchange
- Front panel controls all machine functions with pressure gauge and warning lights
- Industrial grade radiator hoses and adapters included to service most vehicles
- Dual pump operation (Air diaphragm pump pneumatic)
- Manual control ball valves
- Pressure is limited to 10 psi – if cap malfunctions, fluid will overflow into reservoir

**500-5100P** With Standard Adapter Kit

**500-5100PD** With Standard Adapter Kit plus De-Gas and Coolant Flow Direction adapters

Adapters listed numerically on page 51

Model	CoolantClean™ III
Input	12 VDC 8A
<b>Machine Dimensions</b>	
Height	96.5 cm (38")
Width	58.4 cm (23")
Depth	43 cm (17")
<b>Carton Dimensions</b>	
Height	104 cm (41")
Width	61 cm (24")
Depth	48 cm (19")
Shipping Weight	31.8 kg (70 lbs)
New Fluid Capacity	24.6 L (26 qt)
Waste Tank Capacity	24.6 L (26 qt)
Length of Power Cord	3 m (10 ft)
Length of Hose	2.4 m (8 ft)
Warranty	One Year



### Adapters

Scan the QR code to view a listing of all adapters.



De-Gas Adapter  
**200-8715**

Included with the 500-5100PD



Coolant Flow Direction Adapter  
**200-8975**

Included with the 500-5100PD

## FOR USE WITH COOLANTCLEAN™ III



### COOLANTCLEAN™ CC2K

2-Step Cleaning and Conditioning Kit

**STEP 1** CC5 removes rust, scale, and other contaminants.

**STEP 2** CC6 contains rust and corrosion inhibitors which help to prevent deposits that can lead to overheating.

**400-0138** (2 Step Kit)

## CARCLEAN™ SYSTEM

### HVAC and Interior Sanitizing System

- Sanitizes and disinfects the entire HVAC system and passenger cabin
- Restores in-vehicle air quality for a healthier driving environment
- Portable. Operates on 12 volt DC

**500-0500**

Model	CarClean™ System
Input	12 VDC

#### Machine Dimensions

Height	33 cm (13")
Width	14 cm (5.5")
Depth	19 cm (7.5")

#### Carton Dimensions

Height	35 cm (13.8")
Width	20.3 cm (8")
Depth	14 cm (5.5")
Shipping Weight	2.1 kg (4.5 lbs)
New Fluid Capacity	100 mL (3.4 fl oz)
Waste Tank Capacity	N/A
Length of Power Cord	1 m (3.5 ft)
Length of Hose	N/A
Warranty	One Year



## FOR USE WITH CARCLEAN™ SYSTEM



### MIST™ ULTRASONIC SOLUTION

- New fresh scent! Cleans and restores the vehicle's HVAC system and cabin
- Designed to work with the CarClean™ System

**400-0501**



### MIST™ VENT CLIP FRESHENER

- Adds a 'new car' scent to the vehicle's ventilation system and cabin

**400-0525**

## COOLSMOKE®

### The next generation of EVAP Leak Detection

- Pressure and vacuum leak diagnostics with instant smoke solution containing UV enhanced dye
- Two ways to spot the leak
- Does not use heat to create smoke

**500-0100**

Model	Cool Smoke®
Input	12 VDC 0.75A

#### Machine Dimensions

Height	29.2 cm (11.5")
Width	34.3 cm (13.5")
Depth	28 cm (11")

#### Carton Dimensions

Height	35.6 cm (14")
Width	35.6 cm (14")
Depth	30.5 cm (12")
Shipping Weight	8 kg (18.5 lbs)
New Fluid Capacity	120 mL (4 fl oz)
Waste Tank Capacity	N/A
Length of Power Cord	3 m (10 ft)
Length of Hose	3 m (10 ft)
Warranty	One Year



Improve performance with UV Phazer™ Black™ (#413075)

## FOR USE WITH COOLSMOKE®



### COOLSMOKE® REPLACEMENT FLUID

Designed specifically for use with the MotorVac Cool Smoke System

- CoolSmoke fluid with UV Dye pin-points leaks faster and more accurate than any other leak detection fluid
- Environmentally friendly

**400-1054** 6.8 oz

**400-1055** 4.1 oz (won't overfill unit)

Visit us online at [motorvac.com](http://motorvac.com)





## DIFF-VAC™ 1000

### Differential and Multi Fluid Exchange System

- Extract or exchange differential, engine oil, transmission, power steering, coolant and transfer case fluids
- Two 5 GPM diaphragm pumps allow for deep vacuum for extraction of high viscosity fluids regardless of temperature conditions

**Air operated** – no need to waste time locating and connecting to battery terminals

**Two dedicated pumps** – no cross contamination between used and new fluids

**Optional Drain Hose** – does not limit the amount of fluid that can be recovered

**Easy to operate** – does not require disconnection of lines or hoses

**500-9025**

Model	Diff-Vac™ 1000
Input	
<b>Machine Dimensions</b>	
Height	99 cm (39")
Width	53.3 cm (21")
Depth	48 cm (19")
<b>Carton Dimensions</b>	
Height	104 cm (41")
Width	61 cm (24")
Depth	48 cm (19")
Shipping Weight	19.5 kg (43 lbs)
New Fluid Capacity	2 L (2.1 qt)
Waste Tank Capacity	3.8 L (1 gal)
Length of Power Cord	3 m (10 ft)
Length of Hose	2.4 m (8 ft)
Warranty	One Year

## BRAKEVAC™ II

### Premium Brake Fluid Flush System

The BrakeVac II brake bleeder machine is a simple, user-friendly and efficient way to flush and bleed today's high-tech brake systems. This system can complete a full brake system flush in 10 minutes with only one operator, thereby lowering labor costs and maximizing profits.

- Performs brake flush using pressure and vacuum simultaneously
- Vacuum pump to easily remove fluid from brake fluid reservoir
- Complete brake system flush in just 10 minutes
- Pressure and vacuum assist, ensuring quick operation
- Adjustable pressure regulator controls operating pressure
- Drain switch to empty new fluid tank for changing to different brake fluids
- Easy to view tank allows for fast visual check of fluid in the reservoir
- Pressure and vacuum assist ensuring quick operation.
- Adjustable pressure regulator controls operating pressure

**500-8100**

Adapters listed numerically on page 51



**200-3118M**

STANDARD ADAPTERS (INCLUDED)





























\* BrakeVac II unit may also be purchased without adapters. Part number 500-8105. OEM specific adapters are available.


Model	BrakeVac™ II
Input	12 VDC 15A
<b>Machine Dimensions</b>	
Height	96.5 cm (38")
Width	53.3 cm (21")
Depth	43 cm (17")
<b>Carton Dimensions</b>	
Height	104 cm (41")
Width	61 cm (24")
Depth	48 cm (19")
Shipping Weight	38.6 kg (85 lbs)
New Fluid Capacity	3.8 L (1 gal)
Waste Tank Capacity	3.8 L (1 gal)
Length of Power Cord	42 cm (16.5")
Length of Hose	29.2 cm (11.5")
Warranty	One Year



### Adapters


Scan the QR code to view a listing of all adapters.


	Part#	Description	Std Pack	ITF-14 Master Carton	UPC	Weight (lbs) Unit Case	Length	Unit (inches) Width Height	Case (inches) Length Width Height
		<b>400-0020</b> MotorVac® CarbonClean® MV3 (8 oz)	12	16286044000201	628604006329	0.55 6.95	2.25	2.25 5.63	7.25 9.25 6.25
		<b>400-0126</b> MotorVac® CarbonClean® MV3 (32 oz)	4	16286044001260	628604006343	2.05 8.70	2.88	4.00 8.25	7.00 8.75 9.00
		<b>400-0030</b> MV4 Intake Cleaning Detergent	12	16286044000300	628604006367	0.55 6.95	2.25	2.25 5.63	7.25 9.25 6.25
		<b>400-0050</b> MotorVac® CarbonClean® MV-5 (17 oz)	6	16286044000508	628604006961	1.25 7.90	2.75	2.75 8.50	8.00 5.75 9.00
		<b>400-0060</b> MotorVac® CarbonClean® MV-6 (16 oz)	6	16286044000607	628604006923	1.05 6.45	2.75	2.70 7.00	8.00 5.50 7.75
		<b>400-9900</b> 2-Part Fuel Kit	11	162860440099007	628604004226	1.80 20.37	2.75	6.00 8.25	13.50 12.50 8.50
		<b>400-9910</b> Complete Fuel System Kit	8	162860440099106	628604004226	2.15 18.14	2.75	8.00 8.25	13.50 12.50 8.50
		<b>400-1205</b> GDi Maintenance Kit	6	16286044012051	628604005384	3.00 18.75	4.38	7.00 8.50	14.00 10.50 9.75
		<b>400-2001</b> Fuel System Cleaner	12	16286044020018	628604004165	0.75 9.10	1.75	2.25 7.75	11.50 6.88 8.50
		<b>400-2018</b> Intake Cleaner	12	16286044020186	628604004189	0.35 4.85	2.13	2.13 5.25	9.50 7.00 6.75
		<b>400-0270</b> Concentrated Fuel Treatment	24	16286044002700	628604005407	0.15 3.75	1.25	1.25 4.25	5.50 8.00 5.00
		<b>400-0010</b> DieselTune MV3D	12	16286044000102	628604006305	1.0 12.6	2.75	2.75 7	8.5 11 8
		<b>400-3022</b> Complete Fuel Supplement	12	16286044030222	628604001492	.75 9.3	1.75	2.25 7.75	10 8.5 8.5
		<b>400-3012</b> Max Strength Fuel Injector Cleaner	12	16286044030123	628604001454	.70 8.95	1.75	2.25 7.75	10 8.5 8.5


	Part#	Description	Std Pack	ITF-14 Master Carton	UPC	Weight (lbs) Unit Case	Length	Unit (inches) Width Height	Case (inches) Length Width Height
		<b>400-5000EU</b> Engine Oil Cleaner	12	16286044050008	628604004646	1.05 12.75	2.75	2.75 6.75	11.25 8.50 7.75
		<b>400-6220</b> Engine Treatment	12	16286044062209	628604005049	0.90 10.91	1.75	2.25 7.75	11.50 6.88 8.50
		<b>200-1026</b> OilClean OC2B 2 Part Service Kit	6	16286044010262	628604006466	1.15 7.00	2.75	5.00 6.75	8.75 11.25 7.50
		<b>400-0137</b> TT2K 2-Step Cleaning and Conditioning Kit	6	16286044001399	628604006381	1.05 6.90	2.25	4.50 5.63	7.50 9.25 6.25
		<b>400-0137EU</b> TransTech™ Inline Service Kit	3	16286044001376	628604004622	1.15 4.00	2.00	3.50 9.50	4.00 5.75 10.00
		<b>400-1045</b> 2-Step Cleaning and Conditioning Kit	6	16286044010453	628604006442	1.10 7.25	2.25	4.50 5.63	11.50 6.88 8.50
		<b>400-0138</b> CC2K 2-Step Cleaning and Conditioning Kit	6	16286044001383	628604006404	1.15 7.35	2.25	4.50 5.63	7.75 9.25 6.25
		<b>400-0501</b> CarClean MiST Ultrasonic Solution	12	16286044005015	62860411828	0.30 3.65	2.00	2.00 4.50	12.75 4.75 5.00
		<b>400-0525</b> CarClean MiST Vent Air Fresheners	12	16286044005251	628604006428	0.004 0.05	-	- -	4.00 6.00 0.10
		<b>400-1054</b> CoolSmoke Replacement Fluid with Dye	1		628604001287	0.45 -	1.25	3.50 6.00	- - -





 <b>CARBONCLEAN 1000</b> Included adapters	
063-1311	Spring lock disconnect tool
063-1360	Manifold block assembly
063-1361	7/16" female thread 90° enplated
063-1362	5/16" female thread 90°
063-1363	1/4" quick disconnect male 6mm
063-1365	1/4" quick disconnect female 6mm
063-1366	5/16" female thread st. enplated
063-1367	7/16" female thread straight
063-1368	8mm quick connect male
063-1369	10mm quick connect male
063-1370	10mm quick connect female
063-1371	Ford 9/16" quick connect male
063-1372	Ford-9/16" quick connect female
063-1376	Nissan 11mm male
OPTIONAL ADAPTERS	
063-1317	Male 14mm x 1.5
063-1318	Female 14mm x 1.5
063-1322	Male Banjo Bolt male 10 x 1.0
063-1332	Female Swivel male 12 x 1.5
063-1333	Male & Female swivel male 14 x 1.5
063-1335	Male & Female swivel male 16 x 1.5
063-1339	Honda Civic quick connect 6mm male
063-1345	Optional - Relay - Honda Fuel Pump Disable
063-1353	Optional fuel nut Honda
063-1354	GM S-bend 7/16" Female Thread
063-1373	Male banjo bolt male 12 x 1.25
063-1374	Male banjo bolt male 12 x 1.5
063-1375	Honda banjo 12mm
063-1377	Hyundai 15 mm male
063-1378	Hyundai 16 mm male

 <b>CARBONCLEAN 245</b> Included w/ Standard Adapter Kit #200-3025A	
060-0440	Clamp hose, medium 7/32"-5/8"
060-0450	Clamp hose, large 7/16"-25/32"
060-1000	Tube-M 1/4"
060-1100	Tube-M 5/16"
060-1200	Tube-M 3/8"
060-1300	Female 1/4"
060-1500	Female 3/8"
060-1700	Elbow flared X 5/16" MPT
060-1800	Elbow flared X 3/8" MPT
060-2501	Female quick disconnect
060-2800	Male quick disconnect 1/4" Ford
060-3100	Inlet-M TBI & PFI
060-3105	Inlet-F TBI & PFI
060-3300	Outlet-TBI & PFI GM
060-3305	TBI & PFI F
060-3500	Male 3/8" Ford
060-3505	Female 3/8" Ford
060-3600	Male 1/2"
060-3605	Female 1/2" Ford
060-3901	Female quick disconnect 3/8" Ford
060-3902	Female quick disconnect 1/4" Ford
060-4200	Male 5/16" Metal GM
060-4300	Male 3/8" Ford/GM
060-4501	Loop for single line fuel system
Included w/Deluxe Adapter Kit # 200-3026A	
060-1600	Banjo 12mm
060-1602	Elbow banjo 12mm
060-1900	Bolt banjo 12mm
060-1901	Washer banjo 12mm copper
060-1902	Nut cap banjo 12mm
060-2402	Banjo 14mm
060-2740	Bolt banjo 14mm
060-2741	Washer 14mm
060-2742	Cap nut 14 mm
060-3304	TBI & PFI-M
060-3400	TBI & PFI w/ 1800
060-3508	Valve Schrader Ford
060-3700	Valve Schrader GM
060-3900	Female quick disconnect 5/16" Ford
060-3901	Female quick disconnect 3/8" Ford
060-4300	Male 3/8" Ford/GM
OPTIONAL ADAPTERS	
060-2300	14mm female
060-2310	Female inv flr m14x1.5
060-2315	Male bbl flr m14 x 1
060-2320	Female out flr f14x1.5
060-2325	Male inv flr m14x1.5
060-2600	16mm female
060-2700	Union-M 14mm x 16mm
060-3101	Gas male w/flg Nissan Quest A/S
060-3102	Gas female Nissan Quest A/S
060-4800	Mitsubishi male
060-4805	Mitsubishi female
Accessories	
200-3025A	Kit gas (standard) revised
200-3026A	Kit gas (deluxe) revised

 <b>DIESEL TUNE</b> Included w/Diesel Light Truck Kit # 200-3117	
060-3100	Inlet Male TBI & PFI
060-3105	Inlet Female TBI & PFI
060-3300	Outlet TBI & PFI GM
060-3305	TBI & PFI F
060-3505	Female 3/8" Ford
060-3605	Female 1/2" Ford
060-3900	Ford Female Quick Disconnect-5/16"
060-3901	Ford Female Quick Disconnect-3/8"
060-3500	Ford Male 3/8"
060-3600	Male 1/2"
060-4200	GM Male 5/16" metal
060-4300	Ford/GM Male 3/8"
061-1550	Open end-1/2"
062-2040	Adapter-m 1/2" Chrysler, quick con
OPTIONAL ADAPTERS	
060-2402	Banjo 14mm
060-2740	Bolt-banjo 14mm
060-2741	Washer 14mm
060-2742	Cap nut 14 mm
060-3200	Male quick disconnect 1/4"
061-0001	Fuel siphon
061-0004	45 flare male 1/4" #4
061-0005	45 flare male 5/16" #5
061-0006	45 flare male 3/8" #6
061-0008	45 flare male 1/2" #8
061-0010	45 flare male 5/8" #10
061-0016	Female flare #6 JIC
061-0026	Male flare #6 JIC
061-0505	Coupler flare female #5 x #5
061-0604	Coupler flare female #6 x #4
061-0605	45 Flare male #6 x #5 45
061-1008	Coupler flare female #10 x #8
061-1210	45 flare male #12 X #10
061-1212	Coupler flare female #12 x #12
061-3510	Open end 3/16"
061-5500	Conn 1/2" NAB NY
061-5800	Conn 5/8" NAB NY
060-0440	Clamp hose, medium 7/32"-5/8"
060-0450	Clamp hose, large 7/16"-25/32"
060-1000	Tube male 1/4"
060-1100	Tube male 5/16"
060-1200	Tube male 3/8"
060-1300	Female 1/4"
060-1400	Female 5/16"
060-1500	Female 3/8"
060-2501	Female quick disconnect-loop w/quick discont from
060-3200	Male quick disconnect-1/4"
060-4501	loop for single line fuel system
060-4700	Prime adapter
ACCESSORIES	
200-3021A	Kit, diesel (basic) - revised
200-3117	Kit, diesel light truck



<b>TRANSTECH™ Included w/ Standard Adapter Kit #200-3100A</b>	
060-0450	CLAMP-HOSE, LARGE 7/16"-25/32"
060-1000	Tube-M 1/4"
060-1100	Tube-M 5/16"
060-1200	Tube-M 3/8"
060-1300	Female 1/4"
060-1400	Female 5/16"
060-1500	Female 3/8"
060-1700	Elbow flared X 5/16" MPT
060-1800	Elbow flared X 3/8" MPT
060-3800	Flared 8MM Volvo
061-0605	45 Flare M #6 X #5 45
062-0100	5/16" Deep fitting male
062-0120	3/8" Deep fitting flare male
062-0170	90 1/4" NPT 5/16" INVT flare
062-0180	90 1/4" NPT 3/8" Female INV flare
062-1034	90° 3/8F flare/Deep Ford
062-2060	F 5/16" Deep thread, elbow
080-0594	3/8" FPT X MQD
080-0595	Coupler 1/4" MQD X 3/8" MPT, ZPS
<b>Included w/Deluxe Adapter kit # 200-3101A</b>	
060-2402	Banjo 14mm
060-2600	16Mm female
060-2740	Bolt-banjo 14mm
060-2741	Washer 14mm
060-2742	Cap nut 14 mm
060-4200	Male 5/16" metal GM
060-4300	Male 3/8" Ford/GM
061-1550	Open end 1/2"
062-2040	male 1/2" Chrysler, Quick Connect
062-2066	90° male 3/8" GM Quick Connect
062-4401	Ford Quick Disconnect 3/8"
080-0592	Coupler-1/4" MQDX1/4" FPT, STL
<b>OPTIONAL ADAPTERS</b>	
060-2000	GM 7/16" inverted flare male
060-2005	GM 7/16" inverted flare female
060-2010	GM 1/2" inverted flare male
060-2015	GM 1/2" inverted flare female
060-2020	GM 1/2" hose
060-2025	VW M12 male
060-2030	VW M12 with D-ring
060-2035	Jeep 5/8-18 male
060-2040	Jeep 5/8-18 female
060-2045	Jeep SAE 45° flare male
060-2050	Jeep SAE 45° flare female
060-2055	Ford SAE 45° flare female
060-2060	Ford SAE 45° flare male
060-2065	BMW 14mm male

060-2070	BMW M18 male
060-2075	BMW M18 female
060-2080	SAAB/Citroen/Lancia M14 male
060-2090	Fiat M12 male
060-2095	Audi M22 male
060-2105	Audi M22 female
060-2110	Opel Corsa male & female
060-2300	14mm female
060-2700	Union male 14mm X 16mm
061-0008	45 flare M 1/2" #8
061-0010	45 flare M 5/8" #10
061-1008	COUPLER-flare F #10 X #8
062-0140	#6-45 flared tube with nut
062-2000	BMW M12,M, O-RIN
062-2005	BMW M12,F,O-RIN
062-2010	BMW M10,M,M18NU
062-2015	BMW M10,F, O-RIN
062-2020	BMW 14mm
062-2061	Volvo male .587DI
062-2062	Volvo female 593I
062-2063	Male "S" Series Volvo
062-2064	Female "S" Series Volvo
062-2065	Saturn includes 080-0593/030-3101
062-2068A	Duramax female for all TTS
062-2069	Duramax male for all TTS
062-2070	Female 2004 F350 diesel
062-2071	Male 2004 F350 diesel
062-2072	Cadillac CTS Adapter
062-2073	Mercedes Benz male
062-2074	Mercedes Benz female
062-2080	PSA heat exchange small
062-2085	Citroen XM heat exchanger
062-2090	PSA heat exchange large
062-2095	VAG male
062-3000	VAG female
062-4400	Ford Quick Disconnect 1/2"
065-1033	Drain hook for oil flush
080-0593	Coupler,1/4" MQD X 1/4"MPT, ZP
200-0062	Assy, transmission flush tool
200-6100	Assy, press. Reducer regulator
200-6101	High pressure assembly
<b>Accessories</b>	
010-1052	Bottle 8oz clear, no cap
010-5602	Tool caddy 4x4x16 plastic black
011-5014	Stand for Transtech II or III
200-3100A	Kit Transtech (standard) -revised
200-3101A	Kit Transtech (deluxe) -revised
200-3120	Kit European transmissions
200-8099	Assembly, direction flow adapter
200-8906	Quick reference card Transtech

<b>COOLANTCLEAN™ III Included w/Basic Adapter Kit # 200-3106</b>	
010-5408	Clamp large size #36 CT-2100
030-4404	Fitting step vacuum 1/4" X3/8"
060-1400	Female 5/16"
063-1030	Step 1-1/4" X1-1/2" plastic
063-1031	Plug 1-1/4" X1-1/2" plastic
063-1032	Step 1-3/4" x2.0" plastic
063-1033	Adapter-plug 1-3/4" x2.0" plastic
070-0120	Hose 3/8" ID 4" rubber hose
070-0126	Hose 1-1/4" ID rubber NY braid black
070-0127	Hose 1-1/2" ID rubber NY braid black
070-0128	Hose 1-3/4" rubber NY braid black
070-0129	Hose 2" ID rubber NY braid black
<b>Included w/ Optional Adapter Kit # 200-8803</b>	
063-1034	Plastic 2-1/4x2-1/2x3 cool
070-2000	Hose, 2 1/4" OD cut into 5" lengths o/c
070-2001	Hose, 2 1/2" OD cut into 5" lengths o/c
070-2002	Hose, 3" OD cut into 5" lengths o/c
080-7000	Hose clamp 2 1/4" x 2 1/2"
080-7001	Hose clamp 2 1/2" x 3 1/2"
<b>OPTIONAL ADAPTERS</b>	
063-1038	BMW coolant - male
063-1039	Audi coolant - male
200-8803	Kit-coolant (heavy duty)
<b>ACCESSORIES</b>	
010-1052	Bottle 8oz clear, no cap
010-5602	Tool caddy 4x4x16 plastic black
200-3106	Kit-coolant clean (standard)

<b>BRAKEVAC Included w/ Basic Adapter Kit # 200-3118M</b>	
066-6000	Two piece 3 tab with expandable o-rings (Chrysler)
066-6002	Twist on with 3 tabs & expandable o-ring (Ford)
066-6003	Twist on with 3 tabs & expandable o-ring (GM)
066-6004	Threaded screw cap (foreign)
066-6005	Universal round with chain tension hold down
066-6006	Expandable o-ring with hold down chain (Honda M/C 2.11" - 2.17")
066-6007	Expandable o-ring with hold down chain (Honda M/C 2.91")
066-6008	Expandable o-ring with adjustable hold down tabs (Toyota M/C 1.69")
066-6009	Expandable o-ring with adjustable hold down tabs (Toyota M/C 2.75")
066-6010	Twin cylinders with rubber cones connected together with common hose
066-6012	Twist on with 2 tabs & expandable o-ring (Ford)
066-6013	Nissan Altima and Xterra adapter
<b>OPTIONAL ADAPTERS</b>	
066-0020	Universal 3/3/4" diameter for brake machine
066-1100	Honda brake adapter
066-6011	Durable plate with 2 hold down chains (rect. Cast iron m/c)
<b>ACCESSORIES</b>	
200-3118M	Complete kit
100-8101	Quick reference cards





# Replacement Parts & Accessories











## R/R/R MACHINES

<b>FX3030X1</b>	FX Series Maintenance Kit - Includes Filter, Vacuum Pump Oil and Coupler O-Rings	
<b>ARXF5</b>	AR2788 / AR2788S filter for FA and FX series	
<b>ARXF2</b>	AR500/2700/2700M replacement filter	
<b>ARXF</b>	AR212TR/300/400 replacement filter core	
<b>AR27XHB115</b>	115V Heater blanket	
<b>AR27XHB230</b>	220V Heater blanket	
<b>ARX134T</b>	R-134a 1/2" ACME 50 lb recovery tank	
<b>ARX134TS</b>	R-134a 1/2" ACME 50 lb recovery tank w/float switch	
<b>FA1234X1</b>	50 lb tank kit for additional refrigerants	
<b>AFMXC</b>	3/8" SAE fitting w/2-step rubber cone	
<b>AFMXCS</b>	Flush universal clamp rubber seal 2-step (pack of 2)	
<b>AFMXCSET</b>	Flush universal clamp set 3/8" fitting (pack of 2)	
<b>AFMXC4</b>	Flush universal clamp 1/4" SAE fitting w/rubber cone	
<b>AFMXCS2</b>	Flush universal clamp small cone rubber seal (pack of 2)	
<b>AR27XCK</b>	AR2788 condenser accessory kit	
<b>AR27XVGK</b>	Vacuum gauge mounting kit for use w/VG100 or VG200	
<b>ARXC</b>	Nylon cover for AR series	
<b>CRX400T</b>	50 lb tank fits FA and FX series equipment	
<b>CRXTOS3</b>	CR overfill sensor cord kit 230V (all models)	

## MANIFOLD AND GAUGES

<b>MVXKC</b>	BLACKMAX Series manifolds with Vortech valves Replacement valve handle (chrome/metal)	
<b>MXPKC</b>	BLACKMAX Replacement Valve Handle (Chrome)	
<b>M2XHA</b>	Pro-Set/ Vortech valve manifold bodies 2-way hose anchor bracket for	
<b>M2XRK</b>	Diaphragm valve repair kit: services two valves	
<b>M4XRK</b>	Diaphragm valve repair kit: services four valves	
<b>M4XHA</b>	4-Way hose anchor bracket for Vortech valve manifolds	
<b>MTXK</b>	Working Man Series manifolds replacement valve handle rubber over metal	
<b>MV2XRK</b>	Vortech valve repair kit: services two valves	
<b>MVXK</b>	Plastic replacement valve handle with color inserts for Vortech valves	
<b>MXBK</b>	CPS Brass Manifold Series Replacement Valve Handle	
<b>MXC</b>	Plastic Carrying Case for Manifolds	
<b>MXMH</b>	Chrome Hanging Hook for all Manifolds	
<b>MXPK</b>	Plastic Replacement Valve Handle for Triple Seal Valves	
<b>MXPV</b>	Triple Seal Complete Piston Valve Assembly	
<b>MXPVO</b>	Triple Seal piston valve seals only repair kit: services two valves	
<b>RGCH</b>	Gauge High R-12, 22, 502 2.5"/68mm, 1.6%, PSI/F w/Metal Case	
<b>RG15H</b>	Gauge High R-134a Only, 2.5" / 68mm, 1.6%, PSI / kgcm2, °C / °F & Chrome Metal Case	
<b>RG1H</b>	Gauge High R-134a Only, 2.5"/68mm, 1.6%, PSI/kgcm2, °C/°F & Metal Case	
<b>RG1HB</b>	Gauge High R-134a Only, 2.5"/68mm, 1.6%, PSI/kgcm2, °C/°F & Metal Case & Boot	
<b>RGSH</b>	Gauge High R-134a Only, 3 1/8"/80mm, 1.6%, PSI/kgcm2, °C/°F & Metal Case	
<b>RG15L</b>	Gauge Low R-134a Only, 2.5"/68mm, 1.6%, PSI/kgcm2, °C/°F & Chrome Metal Case	
<b>RG1L</b>	Gauge Low R-134a Only, 2.5"/68mm, 1.6%, PSI/kgcm2, °C/°F & Metal Case	
<b>RG1LB</b>	Gauge Low R-134a Only, 2.5"/68mm, 1.6%, PSI/kgcm2, °C/°F & Metal Case & Boot	



<b>RGSL</b>	Gauge Low R-134a Only, 3 1/8"/80mm, 1.6%, PSI/kgcm2, °C/°F & Metal Case	
<b>RGX68BB</b>	2.5" / 68mm Blue Protective Rubber Gauge Boot	
<b>RGX80BB</b>	3 1/8" / 80mm Blue Protective Rubber Gauge Boot	
<b>RGX68RB</b>	2.5" / 68mm Red Protective Rubber Gauge Boot	
<b>RGX80RB</b>	3 1/8" / 80mm Red Protective Rubber Gauge Boot	
<b>RGX68L</b>	2.5" / 68mm Gauge Lens	
<b>RGX80L</b>	3 1/8" / 80mm Gauge Lens	
<b>QCXO</b>	High and low side O-Rings for Premium Couplers QCH90/QCL90	
<b>QCXR34</b>	High and low side O-Rings for Premium Couplers QCH14/QCL14	
<b>CHARGING HOSES</b>		
<b>HX14R</b>	R-134a 14MM Hose O-rings, Pack of 10	
<b>HX38G</b>	3/8" SAE Hose Gaskets, Pack of 10	
<b>HX3G</b>	3/16" Hose Gaskets, Pack of 10	
<b>HXG</b>	1/4" SAE Replacement Hose Gaskets B426, Pack of 10	
<b>HXD</b>	1/4" SAE Hose Core Depressor, Pack of 10	
<b>HXGA</b>	Replacement Gaskets for 1/4" SAE ABB Fittings, Pack of 6	
<b>HXGB</b>	1/4" SAE Replacement Hose Gaskets, Pack of 100	
<b>HXTG</b>	1/4" SAE Teflon Replacement Hose Gaskets, Pack of 10	
<b>HXGD</b>	1/4" SAE Hose Gaskets & Core Depressors, Pack of 6 ea.	
<b>HXGD2</b>	1/2" ACME, 5/16" (1/2"-20 UNF) Gaskets & Core Depressors, Pack of 6 ea.	
<b>HXKIT</b>	Charging Hose Maintenance Kit	

<b>ELECTRONIC LEAK DETECTION</b>		
<b>LS2XF</b>	Replacement sensor filters for the LDA1000 (pack of 10)	
<b>LS2XVF</b>	Replacement vapor filter sensing tip for LDA1000H	
<b>EMOS2</b>	Replacement sensor for the LDA1000H	
<b>LSXBC</b>	Replacement battery cover for LS780A, LS780B, LS790A, LS790B	
<b>LSXBMK</b>	Maintenance kit for LS780B, LS790B; Includes: (2) LSXS & (1) LSXSF	
<b>LSXC</b>	Carrying case for LS780A, LS780B, LS790A & LS790B	
<b>LSXC3</b>	Plastic carrying case for LS3000 & LS3000B	
<b>LSXE</b>	Earphone for LS780A, LS780B, LS790A, LS790B	
<b>LSXMK</b>	Maintenance kit for LS780A, LS790A; Includes: (2) LSXS & (1) LSXVF	
<b>LSXS</b>	Ion-pump sensor for LS780A, LS780B, LS790A & LS790B	
<b>LSXS3</b>	Replacement CCD sensor for the LS3000 & LS3000B	
<b>LSXSF</b>	Selective filter housing for LS780B & LS790B	
<b>LSXVF</b>	Water vapor filter for LS780A & LS790A	
<b>WORKLIGHTS</b>		
<b>TLXWL132BAR</b>	Replacement expandable bar for the TLWL132R	
<b>TLXWL132CH110</b>	110V wall charger for TLWL132R	
<b>TLXWL132CH12</b>	12V battery charger for TLWL132R	
<b>TLXWL132CLIP</b>	Light holding clips for TLWL132R	
<b>98006351</b>	Hook	
<b>98006352</b>	Handle, Tube, Hook & Cap for Freedom-Lite™ and iView	
<b>98006353</b>	Switch for all Freedom-Lites™ (Cradle)	
<b>TLWL132R</b>	Rechargeable underhood led worklight automotive	





# Replacement Parts & Accessories

## UV LEAK DETECTION



98006433	UV Phazer NEO lamp	
98027045	3.7V Lithium Ion battery	
98027303	Lithium Ion charger 3.7V with port (110V)	
98027304	Lithium Ion charger 3.7V with port (220V-EU)	
98006475	UV Phazer BLACK lamp (AAA)	
98006465	UV Phazer BLACK lamp (Rechargeable)	
98027240	MicroLED-Lite battery charger (120V)	
461102	110V/100 Watt Replacement Bulb Mega-Lite™	
461201	12V/100 Watt Replacement Bulb Mega-Lite™	
461107	Replacement Lens Mega-Lite™	
461111	Replacement Lens Micro-Lite™	
98007540	Rubber Retaining Lens Ring Mega-Lite™	
98007560	Rubber Retaining Lens Ring Micro-Lite™	
461105	12V/50 Watt Replacement Bulb Micro-Lite™, Econo-Lite™	
471112	UV Enhancing Glasses Econo-Lite™	

## COOLING SYSTEM TOOLS (AIRLIFT, AIRLIFT II)








550510	Venturi Assembly (Airlift™)	
550530	Fill Hose Assembly (Airlift™)	
550535	(4) Rubber Stoppers (Airlift™)	
550537	Universal Cone Adapter (Airlift™)	
98037000	Vacuum Gauge (Airlift™)	
98037025	Vacuum Gauge (1.5") (Airlift™ II)	
98037030	Ball Valve (Airlift™)	
98037060	Quick Connector/Coupler (Airlift™)	

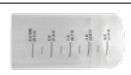












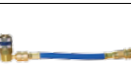







98037070	Coupler Seal (Airlift™)	
98038015	Fill Hose Assembly (Airlift™ II)	
98037090	Airlift Quick Connect Coupler male	
98037390	Airlift II Rubber Cone adapter	
98037321	Squeeze Bulb	
98037328	Tester	
550535	Rubber adapters (4 sizes)	
550537	Universal Cone adapter	
570150	Rad Neck adapter	
98037360	Rad Neck Rubber Stopper	
98063000	Fill Tank Cover (30"/ 76.2cm)	
98063100	Extraction Hose Assembly	
98063150	Fill Tank Filter	
98063300	8" Fill Tank Tube	
98063450	O-ring - Fill Tank 7.841" OD X 0.177" th	
98063451	O-ring - Fill Tank 7.880" OD X 0.197" th	
98064600	Drain Valve	
98064750	Base Plate	
98064950	4" Wheel Assembly (each)	
98066850	Vacuum Gauge 2.5"	
98071200	Ring Stopper (each)	


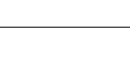







## COMBUSTION LEAK TESTER

98037321	Squeeze Bulb	
98037328	Tester	

## VACUFILL COOLANT EXCHANGER

5505350	Rubber Adapters	
550537	Universal Cone Adapter	
5701500	Rad Neck Adapter	
98037360	Rad Neck Rubber Stopper	
98063000	Fill Tank Cover	
98063100	Extraction Hose Assembly	
98063150	Fill Tank Filter	

98063300	20 cm Fill Tank Tube	
98063450	O-Ring: Refill Tank	
98064600	Drain Valve	
98064750	Base Plate	
98064950	1/4" Wheel Assembly	
98066850	Vacuum Gauge 64 mm	
98067750	Extension Tube Assembly	
98071200	Ringer Stopper	
98063310	O-Ring Repair Kit	
98063320	Fill Tank and O-Rings	
<b>UV LEAK DETECTION KITS (Spotgun, Spotgun Jr. &amp; ECO-Twist)</b>		
471112	UV Enhancing Glasses	
471535	R-134a Hose/Coupler: Twister & Spotgun™ Systems	
471536	High Side Adapter: R-134a	
471546	Spotgun™ Jr. R-134a Hose/ Coupler	
981470	R-12 Adapter Aluminum	
982564	Service Stickers: Strip of 32	
471111	Spotgun™ Injection Gun Kit	
471539	Spotgun™ Injection Gun	
98000010	Spotgun™ Jr. Injection Gun	
98007111	Spotgun™ Hanger Bracket	
98011025	Spotgun™ Jr. Hose High-Side	

471540	1234yf Spotgun Hose Assembly	
471547	1234yf Spotgun Jr. Hose Assembly	
<b>A/C DYE INJECTION KITS</b>		
471111	Spotgun Injection Gun Kit: (3) injection guns, (3) R-134a Hoses and (1) Hanger Bracket	
98007111	Spotgun Hanger Bracket	
471112	UV Enhancing Glasses	
471535	R-134a Hose / Coupler: Twister & Spotgun injector systems	
471536	High Side adapter: R-134a	
471539	Spotgun Injection Gun	
471540	1234yf Spotgun Hose Assembly with coupler	
471546	Spotgun Jr. R-134a Hose / Coupler	
471547	1234yf Spotgun Hose assembly with coupler	
981470	R-12 Aluminum adapter	
982564	Service Stickers: strip of 32 service stickers	
98000010	Spotgun Jr. Injection Gun	
98011025	Spotgun Jr. Hose - High side	
<b>LEAK GUARD</b>		
98010385	R-12 Application Hose for the A/C Stop Leak (0.25" FFL)	
98037169	A/C Charge Hose - Low side R-134a	
<b>MIST™ UNIT</b>		
98003170	Piezo Ultrasonic Transducer (serial numbers prior to 11000)	
98003350	Piezo Ultrasonic Transducer with Waterproof Connector (serial numbers after 11000)	
98002340	Fan with Waterproof Connector	
98002350	MiST fan repair kit (serial numbers prior to 11000)	
98002351	MiST piezo repair kit (serial numbers prior to 11000)	
99090560	MiST™ POS Stand	
99090575	MiST™ POS Consumer Cards	



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