



Built by technicians, for technicians

# **CDS**<sup>®</sup> Automotive

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# THEREW GOLD STANDARD

**In Refrigerant Management** 



7" Color Touch-Screen Control



Patented Oilless Compressor



Patented Motor-Controlled Ball Valves



1-2-5 Warranty



CPS® R134a REFRIGERANT MANAGEMENT CENTER CPS® R1234yf REFRIGERANT MANAGEMENT CENTER CPS® R134a & R1234yf REFRIGERANT MANAGEMENT CENTER

## FX SERIES REFRIGERANT MANAGEMENT CENTER

CPS Automotive proudly presents the latest in ease and endurance with its FX Series line of Refrigerant Management Centers that quickly and efficiently recover, recycle, and recharge automotive AC 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 change over 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

#### **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/ 50 micron rated
- 3.5" Gauges
- 10' Power cord
- 115v, 850 W

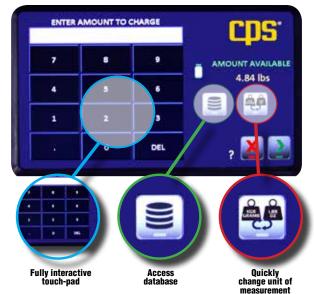
#### 2/3 HP Oilless compressor

- 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





				SPECIFIC	ATIONS			
Part No.	Certification	Refrigerant	H (in)	Dimensi W (in)	ons (inche D (in)	weight (lb)	UPC	HTC
FX134A	SAE J2788H	R-134a	47.5	27.5	25	208	750377134012	8415.83.90
<b>FX1234W</b> without Ref ID	SAE J2843	R1234yf	47.5	27.5	25	208	750377123412	8415.83.90
FX1234	SAE J2843	R1234yf	47.5	27.5	25	208	750377123405	8415.83.90
FX3030	SAE J3030	R-134a & R1234yf	60	27.5	25	240	750377303012	8415.83.90

FX3030	SAE J3030	R-134a & R1234yf	60	27.5	25	240	/503//303012	8415.83.90
		FX S	eries Re	placement	Parts and	Accessories		
FX3030X1	FX Series Maintenance Kit - Includes Filter, Vacuum Pump Oil and Coupler O-Rings							
			FX Series	Recomme	nded Acc	essories		
LDA1000H	SAE Pro-Set® electronic refrigerant leak detector							
481500	Spotgun Oil Injection	on Kit: injection system, I	R-134a ho	ose, R-12 a	dapter, 8 c	oz Cartridge PAG	46 Oil	
481500yf	Spotgun Oil Injection Kit: injection system, R1234yf adapter, 8 oz cartridge PAG 46 HFO oil cartridge							





# CPS® RECOVER, RECYCLE, RECHARGE SYSTEM

- Patented flow control
- 2/3 HP oilless compressor
- 50 lb storage tank
- No assembly required
- Superior mobility with heavy duty casters and foam-filled wheels
- Charges high and low side— or both
- Multi-language interface
- Flow control technology enables faster and more accurate recovery, recycling and recharging
- SAE J2788 and J2788H compliant per SAE J2911 listing requirements

**FA1000** (R134a)

FA1234 (R134a and R1234yf)





# CPS® RECOVER, RECYCLE, RECHARGE SYSTEM

- Semi-automatic operation
- · Simple operation for oil waste and air purge
- Microprocessor controlled recharge allows accuracy to 1/10 oz or 4 grams
- High efficiency 6 CFM vacuum pump
- 15 Volts, 50/60 Hz, single phase
- 2 year limited warranty
- 50 lb storage tank

**AR2700** (R134a only)

AR2700M (Multiple refrigerants)



#### **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**



## **CPS® SUPREME** FLUSH

Specially formulated with a proprietary chemistry to remove common system contaminants

**AFMSF** 

AFMXC 3/8" SAE fitting w/2-step rubber cone

AFMXCS Flush universal clamp rubber seal 2-step (pack of 2)

AFMXCSET Flush universal clamp set 3/8" fitting (pack of 2)

AFMXC4 Flush universal clamp 1/4" SAE fitting w/rubber cone

AFMXCS2 Flush universal clamp small cone rubber seal (pack of 2)

AR27XCK AR2788 condenser accessory kit

**AR27XHB115** 115V Heater blanket **AR27XHB230** 220V Heater blanket

AR27XVGK Vacuum gauge mounting kit for use w/VG100 or VG200

ARX134T	R-134a 1/2" ACME 23 kg recovery tank
ARX134TS	R-134a 1/2" ACME 23 kg recovery tank w/float switch
ARXC	Nylon cover for AR series
ARXF	AR212TR/300/400 replacement filter core
ARXF2	AR500/2700/2700M replacement filter
ARXF5	AR2788 / AR2788S filter for FA and FX series
CRX400T	23 kg tank fits FA and FX series equipment
CRXTOS3	CR overfill sensor cord kit 230V (all models)
FA1234X1	23 kg tank kit for additional refrigerants





#### **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 (VP2D)

CS12DMV4TP6Q R-134a, R22, R404A

CS12DMV4SP60 R-134a



#### PORTABLE RECOVERY EQUIPMENT

- · Complete with 30 lb DOT recovery tank and overflow protection
- Includes R-134a manifold set (#AMB134BUQ)
- Two cylinder oilless reciprocating compressor
- Includes oil separator and 17 cubic filter
- 115 V 50/60 Hz
- 850 W
- Cleanable 100 mesh screen filter integrated into suction port
- · Motor thermally protected
- High pressure shut-off: 550 psig

TRA210 includes oil drain bottle



#### A/C STARTER KIT

Includes VPC2SU compact vacuum pump, aluminum manifold with 6 ft hoses and manual couplers, LS780 electronic leak detector and heavy duty canvas bag with rubber bottom. KTBLM1



#### A/C STARTER KIT

Automotive starter kit is designed to get you started in A/C repair. Includes a vacuum pump, a 3-in-1 can tap to use on 1 lb refrigerant cans and refrigerant manifold with triple o-ring seal valves and 68mm anti-flutter gauge. Has 6' color-coded hoses with chrome manual couplers for years of service.

**VP2SKIT** (VPC2SU vacuum pump, aluminum manifold)

VP6SKIT (VP6 vacuum pump, brass manifold dual R-12/R-134a)

# CPS® COMPUTE-A-CHARGE® CHARGING AND RECOVERY SCALES

- The world's most advanced strain gage bridge load cell technology
- Unparalleled accuracy, precision and reliability
- Calibrated to strict NIST standards
- Ergonomic hand held 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 hand held 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





#### **WIRELESS HIGH CAPACITY SCALE**

- 220 lb (100kg) capacity / 0.25 oz (10g) resolution
- Wireless remote, best-in-class accuracy and large capacity
- Accommodates 30, 50, 90 and 125 lb cylinders

#### CC240RF



## WIRELESS AND PROGRAMMABLE HIGH CAPACITY SCALE

- 220 lb (100 kg) capacity / 0.25 oz (1g) resolution
- Fully programmable in charging/recovery mode using the handheld remote
- Accommodates 30, 50, 90 and 125 lb cylinders
- Four operating modes: Weigh, Set, Handle, Hold

#### CC840RF



#### **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**



#### **HIGH CAPACITY SCALE**

- 220 lb (100 kg) capacity / 0.25 oz (10g) resolution
- Our most versatile unit with bestin-class accuracy and enlarged capacity
- Accommodates 30, 50, 90 and 125 lb cylinders

#### **CC220**



#### STANDARD SCALE

- 110 lb (25 kg) capacity / 0.20 oz (5g) resolution
- Accommodates 30 and 50 lb cylinders

**CC110** 







#### **BLACKMAX®**

Black And Chrome Manifold Series

- 2-Valve black anodized aluminum block body
- Triple Seal™ piston valves
- 1/4" SAE 45° fittings
- 2 1/2" (68mm) Class 1.6 accuracy R-134a gauges with internal silicone dampening cup for flutter-free operation
- Three premium 8' Black & Chrome hose set
- Manual couplers
- Protective gauge boots
- Hanging hook
- Tin carrying case

#### **MAID8QZ**

#### PRO-SET®

The Working Man's Choice Manifold

- 2-Valve aluminum block body
- Triple Seal™ piston valves ½" ACME fittings
- Large, easy-to-read 3 1/8" (80mm) class 1.0 accuracy R-134a gauges with internal silicone dampening cup for flutter-free operation
- Three premium 6' Pro-Set hoses
- Manual couplers
- Custom carrying bag
- Protective gauge boots
- Hanging hook

#### MT7I7AGQ

#### **CPS®**

Brass Manifold Series

- 2-Valve brass body
- 21/2" (68mm) R-134a gauges with internal silicone dampening cup for flutter-free operation
- 1/2" ACME fittings
- Protective rubber gauge boot
- Three premium 6' hoses
- Premium chrome manual couplers
- Hanging hook

#### AM134BUQ

Part No.	Refrigerant	Manifold Series	Body Type	Valve Type	Fittings	Gauges	Hoses	Notes	
MAID8QZ	R-134a	BLACKMAX® Black and Chrome Series	2-Valve black anodized aluminum block body	Triple Seal™ piston valves	¼" SAE 45°	2½" Silicon dampened; 1.6 accuracy	(3) 8ft	Manual couplers	
MB234	R-12/R-134a	BLACKMAX® Gauge Set Series	2-Valve aluminum block body	Triple Seal™ piston valves	1/4" SAE	2½" Silicon dampened; 1.6 accuracy	(3) 5ft	Manual couplers	
MS134K MS134Q	R-134a R-134a	BLACKMAX® Econo Aluminum Series	2-Valve aluminum block body	Triple Seal™ piston valves	1/2" ACME	2½" Silicon dampened; 1.6 accuracy	(3) 5ft	Snap couplers  Manual couplers	
MV7SA6Q	R-134a	Pro-Set® The Working Man's Choice Deep Vacuum Series	2-Valve anodized	Vortech® Deep	½" ACME	3 1/8" Silicon dampened; 1.0 accuracy	(3) 6ft	Manual couplers	
MA1234	R-12/R-134a		aluminum block body	Vacuum Valves	1⁄4" SAE	2½" Silicon dampened; 1.6 accuracy	(3) 6ft with 45° ball valves on end	R-134a couplers	
MTHF0134	R-134a/ R1234yf	Pro-Set® The Working Man's Choice Series	ng Man's	Triple Seal™ piston valves	1⁄4" SAE	3 1/8" Silicon dampened; 1.0 accuracy	(3) 6ft	Two sets of manual couplers	
MT7I7A6Q	R-134a				½" ACME			Manual couplers	
AM134BUQ	R-134a	CPS® Brass Series	2-Valve brass body	Face Seal Valves	½" ACME	2½" Silicon dampened; 1.6 accuracy	(3) 6ft	Protective Gauge Boot	
MG134K	R-12/R-134a	CPS® Ball Valve Series	2-Valve black anodized aluminum block manifold	Ball valve design	½" ACME	2½" Silicon dampened; 1.6 accuracy	(3) 5ft	Manual couplers	
MGHF0134	R-134a/R- 1234yf	CPS® Piston	CDS® Diston	2-Valve black anodized	Ball valve design	1/4" SAE	2½" Silicon dampened; 1.6	(2) C#	Manual court
MAIA6Q	R-134a	Manifold Series	aluminum block manifold	Triple Seal™ piston valves	½" ACME	accuracy	(3) 6ft	Manual couplers	

Manifold ar	nd Gauge Replacement Parts and Accessories
MVXKC	BLACKMAX Series manifolds with Vortech valves Replacement valve handle (chrome/metal)
MXPKC	BLACKMAX Replacement Valve Handle (Chrome)
M2XHA	Pro-Set/ Vortech valve manifold bodies 2-way hose anchor bracket for
M2XRK	Diaphragm valve repair kit: services two valves
M4XHA	4-Way hose anchor bracket for Vortech valve manifolds
M4XRK	Diaphragm valve repair kit: services four valves
MTXK	Working Man Series manifolds replacement valve handle rubber over metal
MV2XRK	Vortech valve repair kit: services two valves
MVXK	Plastic replacement valve handle with color inserts for Vortech valves
MXBK	CPS Brass Manifold Series Replacement Valve Handle
MXC	Plastic Carrying Case for Manifolds
MXMH	Chrome Hanging Hook for <u>all</u> Manifolds
MXPK	Plastic Replacement Valve Handle for Triple Seal Valves
MXPV	Triple Seal Complete Piston Valve Assembly
MXPV0	Triple Seal piston valve seals only repair kit: services two valves

RGCH	Gauge High R-12, 22, 502 2.5"/68mm, 1.6%, PSI/ $^\circ$ F w/Metal Case
RGI5H	Gauge High R-134a Only, 2.5" / 68mm, 1.6%, $$ PSI / kgcm2, $^{\circ}C$ / $^{\circ}F$ & Chrome Metal Case
RGIH	Gauge High R-134a Only, 2.5"/68mm, 1.6%, PSI/kgcm2, °C/°F $\&$ Metal Case
RGIHB	Gauge High R-134a Only, 2.5"/68mm, 1.6%, PSI/kgcm2, °C/°F & Metal Case & Boot
RGSH	Gauge High R-134a Only, 3 1/8"/80mm, 1.6%, PSI/kgcm2, $^{\circ}\text{C/}^{\circ}\text{F}$ & Metal Case
RGI5L	Gauge Low R-134a Only, 2.5"/68mm, 1.6%, PSI/kgcm2, °C/°F & Chrome Metal Case
RGIL	Gauge Low R-134a Only, 2.5"/68mm, 1.6%, PSI/kgcm2, °C/°F & Metal Case
RGILB	Gauge Low R-134a Only, 2.5"/68mm, 1.6%, PSI/kgcm2, °C/°F & Metal Case & Boot
RGSL	Gauge Low R-134a Only, 3 1/8"/80mm, 1.6%, PSI/kgcm2,°C/°F & Metal Case
RGX68BB	2.5" / 68mm Blue Protective Rubber Gauge Boot
RGX68RB	2.5" / 68mm Red Protective Rubber Gauge Boot
RGX80RB	3 1/8" / 80mm Red Protective Rubber Gauge Boot
RGX80BB	3 1/8" / 80mm Blue Protective Rubber Gauge Boot
RGX68L	2.5" / 68mm Gauge Lens
RGX80L	3 1/8" / 80mm Gauge Lens



	1/4" S	AE C	HARGI	NG HO	SES
Size	Features	3Pack	Blue	Red	Yellow
		HS3	HS3B	HS3R	HS3Y
3ft	(ABB)	HS3A	HS3BA	HS3RA	HS3YA
	(BV)	HS3E	HS3BE	HS3RE	HS3YE
		HS5		HS5R	HS5Y
5ft	(ABB)	HS5A	HS5BA	HS5RA	HS5YA
JIL	(BV)	HS5E	HS5BE	HS5RE	HS5YE
	(IBV)	HS5L			
		HS6	HS6B	HS6R	HS6Y
6ft	(BV)	HS6E	HS6BE	HS6RE	HS6YE
	(IBV)	HS6L	HS6BL	HS6RL	HS6YL
		HS8	HS8B	HS8R	HS8Y
8ft	(BV)	HS8E		HS8RE	HS8YE
	(IBV)	HS8L	HS8BL	HS8RL	HS8YL



	½" R-	134a	CHAR	GING H	OSES
Size	Features	3Pack	Blue	Red	Yellow
3ft			HA3B	HA3R	HA3Y
JIL	(ABB)	HA3A	HA3BA	HA3RA	HA3YA
5ft		HA5			HA5Y
JIC	(ABB)	*call			HA5YA
	(IBV)	*call		HA5RL	
6ft		HA6	HA6B	HA6R	HA6Y
OIL	(ABB)	HA6A			HA6YA
8ft		HA8	HA8B	HA8R	HA8Y



# PREMIUM BLACK AND CHROME CHARGING HOSES Size Features Black w/chrome Fittings 1/2" x 1/2" HA8BKAZ 14mm x 1/2" HA8BKZ

(ABB) = Anti-Blowback (BV) = Ball Valve (IBV) = Inline Ball Valve

#### **PREMIUM AUTOMOTIVE 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 preventing spray back

	Charging Hose Replacement Parts and Accessories
HX14R	R-134a 14MM Hose O-rings, Pack of 10
HX38G	3/8" SAE Hose Gaskets, Pack of 10
HX3G	3/16" Hose Gaskets, Pack of 10
HXD	1/4" SAE Hose Core Depressor, Pack of 10
HXG	1/4" SAE Replacement Hose Gaskets B426, Pack of 10
HXGA	Replacement Gaskets for 1/4" SAE ABB Fittings, Pack of 6
HXGB	1/4" SAE Replacement Hose Gaskets, Pack of 100
HXGD	1/4" SAE Hose Gaskets & Core Depressors, Pack of 6 ea.
HXGD2	1/2" ACME, 5/16" (1/2"-20 UNF) Gaskets & Core Depressors, Pack of 6 ea.
HXKIT	Charging Hose Maintenance Kit
HXTG	1/4" SAE Teflon Replacement Hose Gaskets, Pack of 10



# **Pro-Set** DUAL STAGE VACUUM PUMPS

Your solution for obtaining the deepest ultimate vacuum, greatest range of horsepower and free air displacement. Gas ballast valve speeds up vacuum. Offered in single and dual voltages.







Model	VP6D	VP10D	VP12D					
Stage	2							
Ultimate Vacuum	10 Microns 25 Microns							
Dimensions (Inches)	12 <i>2</i> "x5"x9.6"	14.9"x5.7"x10.6"	14.9" x 5.7" x 10.6"					
Weight	22.5 lb (10.2 kg)	30.3 lb (13.7 kg)	30.9 lb (14.0 kg)					
Free Air Displacement	6 CFM @ 60 Hz (144 I/m @ 50 Hz)	10 CFM @ 60Hz (240 l/m @ 50Hz)	12 CFM @ 60Hz (288 I/m @ 50Hz)					
Motor Size (HP), RPM @ 50/60Hz	<sup>1</sup> / <sub>2</sub> HP (2880, 3440 RPM)	3/4 HP (2880, 3440 RPM)	1 HP (2880, 3440 RPM)					
Voltage		110-120V Or 220-240V @ 50/60Hz						
Power Cord Connection to Pump	Univer	sal IEC Socket & Voltage Selector Sw	itch					
Operating Temperature Range		32°F to 125°F (0°C to 52°C)						
Pro-Set® Vacuum Pump Oil Capacity	16 oz (470 ml)	28 oz (830 ml)	27 oz (800 ml)					
Gas Ballast Valve		Yes						
Intake Fittings		SAE 1/4", 3/8", 1/2"						
Warranty (Years)		2						

# **Pro-Set** COMPACT DUAL OR SINGLE STAGE VACUUM PUMPS

Features some the smallest, lightest and most compact aluminum housings in the industry.







Model	VPC2DU	VPC2SU	VPC4SU				
Stage	2						
Ultimate Vacuum	15 Microns	100 Micr	ons				
Dimensions (Inches)	11.3"x4.5"x8.0"	9.1"x4.5"x8.0"	11.3"x4.5"x8.0"				
Weight	12.1 lb (5.5 kg)	9.3 lb (4.2 kg)	11.0 lb (5 kg)				
Free Air Displacement	2 CFM @ 60Hz	4 CFM @ 60 Hz (96 l/m @ 50 Hz)					
Motor Size (HP), RPM @ 50/60Hz	<sup>1</sup> / <sub>4</sub> HP (2880 , 3440 RPM)	¹/ <sub>5</sub> HP (2880, 3440 RPM)	<sup>1</sup> / <sub>4</sub> HP (2880, 3440 RPM)				
Voltage	115V	@ 60 Hz	220-240V @ 50 Hz				
Power Cord Connection to Pump	Hardwired, N	ema 115V Plug	Universal IEC, Schuko Plug				
Operating Temperature Range		32°F to 125°F (0°C to 52°C)					
Pro-Set® Vacuum Pump Oil Capacity	9 oz (	250 ml)	10 oz (300 ml)				
Gas Ballast Valve		No					
Intake Fittings		SAE: 1/4", ACME: 1/2"					
Warranty (Years)	1						

**Legend: VP**= Vacuum Pump, **VPS** = Ignition Proof VP; **2,4,6,8,10,12** = CFM; **D** = **Dual stage; A or E** = 220-240VAC 50 Hz; **J** = 100VAC 50/60 Hz; **U**=115VAC 60Hz, **No Consonant After "D"** = **Dual Voltage** 110-120VAC or 220-240VAC 50/60Hz. **Refrigerant Classes: A1** (non-toxic, non-flammable); **A2** (non-toxic, flammable); **A3** (non-toxic, explosive)

# **Pro-Set**SINGLE STAGE VACUUM PUMPS

Dual voltage pumps with voltage selector switch.







Model	VP2S	VP4S	VP6S						
Stage	1								
Ultimate Vacuum	50 Microns								
Dimensions (Inches)	12.2"x	5"x9.6"	13.1"x5.5"x10"						
Weight	13.7 lb (6.2 kg)	18.3 lb (8.3 kg)							
Free Air Displacement	2 CFM @ 60Hz (48 l/m @ 50Hz)	4 CFM @ 60Hz (96 I/m @ 50Hz)	6 CFM @ 60 Hz (144 I/m @ 50 Hz)						
Motor Size (HP), RPM @ 50/60Hz	<sup>1</sup> / <sub>4</sub> HP (1440 1720 RPM)	<sup>1</sup> / <sub>2</sub> HP (2880, 3440 RPM)							
Voltage	D	ual (110-120V Or 220-240V @ 50/60H	<u>z</u> )						
Power Cord Connection to Pump	Universal II	EC Socket, Voltage Selector Switch, Ne	ma 15 Plug						
Operating Temperature Range		32°F to 125°F (0°C to 52°C)							
Pro-Set® Vacuum Pump Oil Capacity	16 oz (	470 ml)	19 oz (540 ml)						
Gas Ballast Valve	No								
Intake Fittings		SAE: 1/4" & 3/8", ACME: 1/2"							
Warranty (Years)		2							



#### **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.

**VPOQ** (32 oz) **VPOP** (16 oz)



Entry level pumps that provide affordable, reliable and dependable service.







Model	TAVPC48SU	TAVPC96SU	TAVP144SU						
Stage	1								
Ultimate Vacuum	100 M	icrons	50 Microns						
Dimensions (Inches)	8.75"x4.1"x9.25"	8.75"x4.1"x9.25"	12.62"x4.8"x9.62"						
Weight	9.5 lbs (4.3 kg)	14.8 lbs (6.7 kg)							
Free Air Displacement	1.5 CFM @ 60 Hz (48 l/m @ 50 Hz)	3 CFM @ 60 Hz (96 I/m @ 50 Hz)	5 CFM @ 60 Hz (144 I/m @ 50 Hz)						
Motor Size (HP), RPM @ 50/60Hz	<sup>1</sup> / <sub>5</sub> HP (2880, 3440 RPM)	<sup>1</sup> / <sub>3</sub> HP (2880, 3440 RPM)							
Voltage		115V @ 50/60 Hz							
Power Cord Connection to Pump		Hardwired, Nema 115V Plug							
Operating Temperature Range		32°F to 125°F (0°C to 52°C)							
Pro-Set® Vacuum Pump Oil Capacity	9 oz (250 ml)	14 oz (4	400 ml)						
Gas Ballast Valve	No								
Intake Fittings	SAE: 1/4". ACME: 1/2"								
Warranty (Years)	1								



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

- Microprocessor controlled sensor electronics utilizing a multi channel signal detection method improves sensitivity while reducing false alarms
- Software managed sensor rejuvenation mode initiated at start up ensures the highest level of sensitivity every use, for up to 500 hours of detecting leaks of less than .1 oz per year
- 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** (Comes with mini UV Clip-on Light) **LDA1000H** (Leak Detector only)





#### 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



#### LEAK-SEEKER® REFRIGERANT LEAK DETECTOR

Combines the most advanced electronic circuitry with lon-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



#### **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.



	Leak Detector Replacement Parts and Accessories
LS2XF	Replacement sensor filters for the LDA1000 (pack of 10)
LS2XVF	Replacement vapor filter sensing tip for LDA1000H
EMOS2	Replacement sensor for the LDA1000H
LSXBC	Replacement battery cover for LS780A, LS780B, LS790A, LS790B
LSXBMK	Maintenance kit for LS780B, LS790B; Includes: (2) LSXS & (1) LSXSF
LSXC	Carrying case for LS780A, LS780B, LS790A & LS790B
LSXC3	Plastic carrying case for LS3000 & LS3000B
LSXE	Earphone for LS780A, LS780B, LS790A, LS790B
LSXMK	Maintenance kit for LS780A, LS790A; Includes: (2) LSXS & (1) LSXVF
LSXS	Ion-pump sensor for LS780A, LS780B, LS790A & LS790B
LSXS3	Replacement CCD sensor for the LS3000 & LS3000B
LSXSF	Selective filter housing for LS780B & LS790B
LSXVF	Water vapor filter for LS780A & LS790A
GSXS4	Replacement sensor element for GS40



#### NITROGEN PRESSURE LEAK TEST KIT

The NITROKIT allows you to test a repair job without using refrigerant and venting to the atmosphere. The NITROKIT is needed to precheck automotive A/C systems for leaks due to loose mechanical connections, hose leaks, evaporators and condensers. This kit allows for re-introduction of refrigerant into an A/C system

with confidence and preventing unnecessary leakage of refrigerant. The kit includes a high quality 1-valve manifold with a 0-200 PSIG 3-1/8" gauge, a nitrogen regulator, a 6' (180cm) premium red ¼" service hose, a 15' yellow hose assembly with ¼" MPT x ¼" coupler and a high side automotive snap coupler.

NITROKIT
NITROKITG (Includes NITROKIT with additional

nitrogen regulator)



#### AMP-SEEKER® DIGITAL TRUE RMS CLAMP-ON METER

Multi-Functional AC/DC Clamp Meter hosting an array of enhanced features such as the ability to capture true inrush measurements, non-contact voltage detection and data logging your output readings to a PC (USB connection cable included).

 Versatile for testing AC/ DC voltage, AC/DC current, resistance and frequency

- True RMS AC measurement
- Max/Min value measurement
- Audible continuity and diode test
- Non-contact voltage detection
- Integrated clamp light and LCD back-light
- Auto zero key for DCA measurement
- Auto/Manual range, auto power off
- Secondary injection molded case, safety as per IEC1010 CAT.III 600V

**AC750** 



# DIGITAL SOUND LEVEL METER

Professional grade sound level indicator designed to measure noise levels from 35 to 130 dB. The unit incorporates a large LCD, peak and average response settings and A-C weighing for checking compliance with standard safety regulations.

- Measures noise levels from 35 to 130 dB
- Over and Under range indicator, peak and average response settings
- Large LCD with maximum hold function
- CE approved and includes carrying case

SM150



#### HAND-HELD ELECTRONIC COMBUSTIBLE GAS DETECTOR

The GS40 is a self-contained, combustible gas leak detector designed to pinpoint gas leaks in the most demanding applications. An efficient and sensitive gas

sensor is combined with solid state circuitry which provides an audible alarm that increases in pitch as the concentration of the gas increases. A visual indication is also provided as well as provisions for an earphone for use in noisy environments.

**GS40** 



#### 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



#### PROGRAMMABLE DIGITAL POCKET THERMOMETER

- User-selectable temperature alarm
- Temperature range -58° to 500°F / -50° to 260°C
- Countdown timer
- Min/Max °F/°C selectable
- Highly accurate stainless steel 96mm puncture probe
- 4ft/122cm cord
- Operates on a single AAA alkaline battery
- 25 hours of battery life
- Low battery indicator

#### **TM50**



#### **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)



#### **AUTOMOTIVE A/C CLUTCH TOOL KIT**

- Comprehensive variety of A/C clutch hub pullers and installers for use with most GM, Ford, Chrysler and import vehicles
- Complete with CT499 spanner wrench
- · All steel construction for durability
- Comes with a comprehensive manual outlining specs for oil gap, compressor ID and troubleshooting tips

#### **CTK1300A**



#### **AUTOMOTIVE A/C CLUTCH TOOL KIT**

- Complete kit for use with a variety of clutch hubs
- Hub pullers and installers can be used with Ford, GM, Chrysler and most imports
- Covers Zexel, Sanden, all GM, Ford FS6, Hitachi and Nippondenso 6P / 10P

#### CTK9100



#### **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)



# UNIVERSAL AUTOMOTIVE ORIFICE TUBE KIT

- The kit can be used for most GM, Ford, and import cycling clutch orifice tube systems
- Includes a remover, extender body and damaged tube extractor

#### TLOTK



# UNIVERSAL AUTOMOTIVE O-RING KIT

Covers the most popular metric and SAE o-rings. A must for today's busy a/c repair shop.

- 18 sizes with 180 o-rings.
- HNBR and Neoprene
- OEM Approved

#### **TLRK**



R-134A/R-12 90° FLEX HOSE ADAPTER KIT ADK1234



R-12 TO R-134A CHARGE AND VACUUM ADAPTER KIT
ADK134

#### **FITTINGS AND ADAPTERS** AB 1/4" SAE male x 1/4" SAE female ABB hose end fitting AD12 Auto: 1/2" ACME F x Low-Side R-134a AD14 14mm male x 1/4" SAE male (Automotive adapter) AD41 125 lb Tank Adapter 3/4"-14 x 1/4" SAE male AD48 1/4" SAE female x 1/2" ACME male adapter AD48L 1/4" SAE female x 1/2" ACME left hand male AD81 125 lb tank adapter - 3/4" X 1/2" ACME male AD84 1/4" SAE male x 1/2" ACME F adapter AD84L 1/4" SAE male x 1/2" ACME Left hand female HFO tank adapter 1/2" ACME male x 1/2" ACME Left hand female HFO tank adapter AD88L R-134a High Side Service Port Caps, Pack of 10 AVC134H AVC134L R-134a Low Side Service Port Caps, Pack of 10 AVS1 Valve Cores, pack of 10 **BV12** 1/2" ACME male x 1/2" ACME female straight ball valve **BVXH** BV Handle with red, blue & yellow inserts





# 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-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** 



#### 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



# 4-WAY SAE VALVE CORE / THREAD CHASER

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



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

QC134SET Both QCL134 Low Side QCL134 High Side



- Manual coupler set with AD84L adapter fitting used to convert R-12/R-134a 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



- HFO-1234YF manual coupler set
- 12mm female
- Six latching balls provide superior alignment

QC1234SET Both QCL1214MM Low Side QCH1214MM High Side



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

QC13490SET Both QCL13490 Low Side QCH13490 High Side



1/2" Male x 1/2" female ABB hose end fitting **AB12** 



High and low side O-Rings for Premium Couplers QCH90/QCL90 **0CX0** 



High and low side O-Rings for Premium Couplers QCH14/ QCL14

QCXR34





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

Used for flushing components on or off the car.

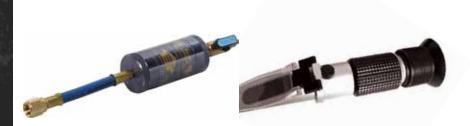
- Simple to use with shop air. Just fill the cylinder with flush solution
- Works well on all condensers and evaporators
- Comes complete with cylinder, hose and flush

**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**



### 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
Oil Injector O-Ring R-12/R-134a

#### 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



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

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

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

#### TLCT1234

**TLCTXG** (10 Replacement Gaskets for TLCT12 & TLCT34)



#### **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)



#### **POCKET DEBURRING TOOL (WITH BLADE STORAGE)**

For soft copper and aluminum tubing.

Remove burrs and surface defects from inner/outer straight and hole edges

TLDB Plastic Handle De-Burring Tool
TLDBX Replacement Blade for TLDB
TLDB2 Metal Pen Type De-Burring Tool



#### 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



# SIX-SIDED FIN COMB

Repair bent fins with this universal 6-sided straightening tool **TLFC6** 



UNIVERSAL METAL FIN COMB TLFC1



FIN STRAIGHTENER
With protective rubber grip

handle TLFC2







- Tool locks onto tubing to prevent loss of refrigerant during service
- Rounded jaws to avoid cutting tubing
- Fast release mechanism

TLP0



Nickel plated

**TLSWHM** Metric Hex Wrench Set TLSWT Torx Wrench Set



#### **SERVICE WRENCH**

Metal construction with polished chrome finish. Made in USA

**TLSWL** Service Wrench: 3/16", 1/4", 9/16", 1/2" **TLSWO** Offset Service Wrench: 3/16", 1/4", 3/8", 5/16" **TLSWS** Service Wrench: 3/16", 1/4", 3/8", 5/16"



#### **CIRCULAR TELESCOPING MIRROR**

1 ¼" diameter **TLMIR1** 



#### **CIRCULAR TELESCOPING MIRROR**

2 ¼" diameter **TLMIR2** 



#### **RECTANGULAR TELESCOPING MIRROR**

3 ½" x 2" TLMIR3

# view

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



# **IVIEW CORDLESS RECHARGEABLE WORKLIGHT**

All new "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, 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
- Emits over 330 lumens of brilliant white light (equivalent to a 75 watt incandescent bulb)

413310



# RECHARGEABLE UNDERHOOD LED WORKLIGHT AUTOMOTIVE

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

- Ultra-bright LED lamps
- Detachable stretch cord ends for flexible attachment options
- Rechargeable battery
- Shatterproof tube

TLWL132R

TLW132R LED Worklight Replacement Parts and Accessories							
TLWL132R Rechargeable underhood LED worklight automotive							
<b>TLXWL132BAR</b> Replacement expandable bar for the TLWL132R							
TLXWL132CH110 110V wall charger for TLWL132R							
TLXWL132CH12	12V battery charger for TLWL132R						
TLXWL132CLIP	Light holding clips for TLWL132R						



#### **AUTO-IGNITE POWER TORCH 3-HEAD**

- Adjustable flame control
- For use with propylene (MAPPRO), MAPP and propane
- CGA600 inlet connection
- Reinforced plastic and stainless steel burn tube
- Tips and storage case with space for two cylinders

#### **BRHT2**









# AUTO-IGNITE HAND TORCH (CAST ALUMINUM)

- Adjustable flame control
- For use with propylene (MAPPRO), MAPP and propane
- CGA600 inlet connection
- Cast aluminum and stainless steel burn tube
- Flame lock button, precise flame adjustment

#### **BRHT1**



#### **AUTO-IGNITE HAND TORCH**

- Adjustable flame control
- For use with propylene (MAPPRO), MAPP and propane
- CGA600 inlet connection
- Brass regulator, composite handle and stainless steel burn tube
- New brass regulator and 5' hose length

#### **BRHT5**



#### **AUTO-IGNITE SWIVEL HAND TORCH**

- Adjustable flame control
- For use with propylene (MAPPRO), MAPP and propane
- CGA600 inlet connection
- Brass regulator and stainless steel burn tube
- Torch tube swivels 360 degrees, operates in any position

#### **BRHTS1A**



#### **NITROGEN REGULATOR**

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

#### **BRRN1**



# **SMALL ADDITIVE PACKAGE.**

# DIFFERENCE. SAME DOSE.

Do more with your dye. Switch to A/C ExtenDye™ and see the difference!



Super-concentrated UV dye detects leaks quickly, saving time and money



Advanced friction modifier improves friction coefficient by over 50% and fuel economy



Additional anti-wear chemistry to extend component life



Antioxidant stops the oxidation process, reducing acidity and prolonging oil life



Check out our video to learn more here!



#### A/C EXTENDYE™

Several years of engineering went into creating this all new dye. A/C ExtenDye<sup>™</sup> has four unique features:

- Super-concentrated UV dye 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.
- 2. Friction modifier increases lubricity (less friction) of the compressor oil, improving efficiency (friction coefficient) by over 50% and improving fuel economy.

- 3. Anti-wear additive creates a film that prevents contact between metal parts; reducing friction and heat, thereby extending component life. Effectively quiets noisy compressors.
- Antioxidant stops the oxidation process, reduces acidity and prolongs oil life.
  - SAE J2297 certified for use in
  - R-134a and R-1234yf systems
  - Hybrid safe
  - Solvent-free

QUIETCOOL"

When combined, we refer to this exciting new additive package as QuietCool™ Technology.



#### A/C EXTENDYE™ CARTRIDGE

Works exclusively with the Spotgun  $Jr.^{TM}$  injection system

399020A 1 oz 399020AEU 1 oz Winged 399006A 0.25 oz 399006AEU 0.25 oz Winged



#### A/C EXTENDYE™ CARTRIDGE

Works exclusively with the Spotgun™ injection system

499108A



# A/C EXTENDYE<sup>TM</sup> BOTTLE 200020A to position

**399020A** 1 oz Bottle **399006A** 0.25 oz Bottle

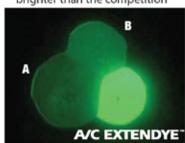


#### A/C EXTENDYE™ BOTTLE

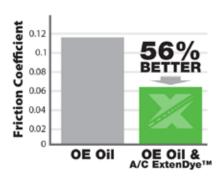
Exclusive new bottle design with accurate dosing chamber **499008A** 

#### Fluorescence

A/C ExtenDye fluoresces brighter than the competition



#### **Friction Coefficient**



# Wear Resistance

(Falex Test)

110%
BETTER

OE Oil OE Oil & A/C ExtenDye<sup>TM</sup>

		Unit	Std Pack	UPC	U	nit (inch	nes & Ibs	s)	ITF-14 Master	Ca	ase (incl	nes & Ib	s)
Part#	Description	Size			Length	Width	Height	Weight		Length	Width	Height	Weight
A/C ExtenD	ye®												
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

# Leak Guard



SAFELY AND PERMANENTLY
SEALS LEAKS



**CONTAINS SUPERIOR A/C** 



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

This Additive Certified to

8oz (240ml) Cartridge reats 8 A/C Systems

Part No: 480308

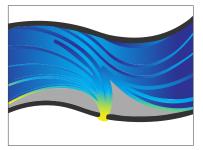
# YOUR BEST LINEOF DEFENSE

Visit us online at uview.com

# 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** 

		Unit	Std		U	nit (inch	es & Ibs)		ITF-14 Master	(	Case (inc	hes & Ib	s)
Part#	Description	Size	Pack	UPC	Length	Width		Weight	Carton	Length	Width		Weight
LeakGuard	тм												
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				
A/C Sealar	nts												
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
Replacem	ent Parts												
98010385	R-12 Application Hose for	the A/C S	Stop Le	ak (0.25" FFL)									
98037169	A/C Charge Hose - Low sid	de R-134	a										



## **EMERGING TECHNOLOGIES**

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

Be ready for the new R1234yf systems with our specially formulated oil and adapters. Also, our hybrid oil is designed for electrically driven compressors. It is specially packaged to avoid moisture contamination, maintaining excellent resistivity.



Part#	Description	Unit	Std	UPC	U	Init (inch	nes & lbs)	)	ITF-14 Master	С	ase (inch	nes & lb	s)
Γαιιπ	Description	Size	Pack	OF G	Length	Width	Height	Weight	Carton	Length	Width	Height	Weight
A/C Oil Bot	tles												
488046PB	NEW! 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	<b>NEW!</b> 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	NEW! 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	NEW! 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 Oil Car	tridges, for use with Spotgun												
488046YF	PAG 46 Oil Cartridge 1234yf	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 OilCartridge OEM approved	8 oz	6	628604003403	1.75	1.75	9.75	0.70	16286044880490	6.00	4.25	10.00	4.40
488046P	PAG 46 Oil Cartridge	8 oz	6	628604000877	1.75	1.75	9.75	0.70	16286044880469	6.00	4.25	10.00	4.40
488100P	PAG 100 Oil Cartridge	8 oz	6	628604000884	1.75	1.75	9.75	0.70	16286044881008	6.00	4.25	10.00	4.40
488104H	Hybrid Ester Oil Cartridge OEM approved	4 oz	6	628604003427	4.75	2.00	11.00	0.45	16286044881046	12.00	4.25	12.50	3.35
488108E	ESTER 100 Oil Cartridge	8 oz	6	628604000587	1.75	1.75	9.75	0.70	16286044881084	6.00	4.25	10.00	4.50
488125P	PAG 125 Oil Cartridge 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

#### **SPOTGUN PAG A/C OIL**

Today's vehicles require precise amounts of oil. Spotgun™ oil cartridges utilize the Spotgun injection system to inject a precise measured amount of A/C Oil while eliminating moisture contamination in the oil.

Works exclusively with the Spotgun injection system









**PAG 100** A/C OIL 488100P



#### **HYBRID OIL** (ESTER BASED)

Hybrid vehicles air conditioning systems are different and require specific POE oil that is low in moisture and free of any crosscontamination with other oils. 488104H



**ESTER OIL** 100 488108E



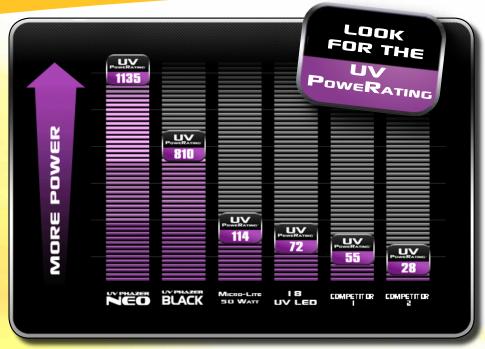
**PAG 125** A/C OIL 488125P



**PAG 150** A/C OIL 488150P

# 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 PoweRating™ Index does for the UV spectrum by quantifying light output that most effectively fluoresces UV dyes.

David No.	December 1	Dallama	Run Time	LIDO		Unit (in	ches & Ibs	3)		
Part No.	Description Battery (mi		(minutes)	UPC	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		
41300	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		
Replacement Parts and Accessories for UV Detection Lights										
461102	Mega-Lite 110V / 100W replacement bulb									
461105	Micro-Lite / Econo-Lite 12V / 50W replace	ment bulb								
461107	Mega-Lite replacement lens									
461111	Micro-Lite replacement lens									
461201	Mega-Lite 12V / 100W replacement bulb									
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 (220)	V-EU)								
98006475	UV Phazer BLACK lamp (AAA)									
98006465	UV Phazer BLACK lamp (Rechargeable									
98007540	Rubber retaining ring lens: Mega-Lite									
98007560	Rubber retaining ring lens: Micro-Lite									
98027240	MicroLED-Lite battery charger (120V)									



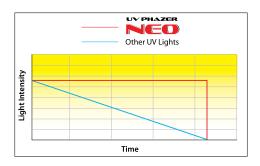
# UV UV P

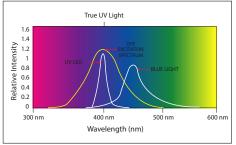
#### UV PHAZER™ NEO™ UV LEAK DETECTION LIGHT

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









#### 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



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.



#### 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)



## LED-LITE™ (SIX LEDS)

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

- Includes UV enhancing glasses
- 3 AA batteries included

413010



#### **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





The world's most popular and professional injection method. Pull the trigger to inject a precise amount of dye into the A/C system and you're done The most economical system per service

Winning Iniection System

- 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**<sup>™</sup> Outstanding Value.

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

## **CHOOSING THE LEAK DETECTION KIT THAT'S RIGHT FOR YOU:**



#### **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



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

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



#### **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



#### **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

Dové No.	Injection Guetom		III/ Limbo	Onty/Size	UPC	Unit (inches & lbs)				
Part No.	Injection System	Application	UV Light	Qury/6126		Length	Width	Height	Weight	
414500A		A /C ExtenDue	Micro-Lite	8 oz / 240 mL	628604004585	17.00	13	5	6.55	
414565A	Cnotaun	A/C ExtenDye	UV Phazer BLACK (Rechargeable)	8 oz / 240 mL	628604004608	17.00	13	5	6.10	
414565	Spotgun	Universal A/C Due	UV Phazer BLACK (Rechargeable)	8 oz / 240 mL	628604004066	17.00	13	5	6.10	
415400		Universal A/C Dye	Mega-Lite	8 oz / 240 mL	628604001492	17.00	13	5	6.80	
332005A			UV Phazer Black (AAA Battery)	4 x 1 oz / 30mL	628604004561	14.00	11	4	3.6	
332010A		A/C ExtenDye	Pico-Lite	1 oz / 30mL	628604005247	14.00	11	4	3.6	
332220A	Spotgun Jr.		Pico-Lite	2 x 1 oz / 30mL	628604005261	14.00	11	4	3.6	
332005		Universal A/C Dve	UV Phazer Black (AAA Battery)	4 x 1 oz / 30mL	628604004042	14.00	11	4	3.6	
332220		Universal A/C Dye	Pico-Lite	2 x 1 oz / 30mL	628604002642	14.00	11	4	3.6	

	Replacement Parts and Accessories for Leak Detection Kits									
471111	Spotgun Injection Gun Kit: (3) injection guns, (3) R-134a Hoses and (1) Hanger Bracket		1234yf Spotgun Hose Assembly with coupler							
4/1111			Spotgun Jr. R-134a Hose / Coupler							
98007111	Spotgun Hanger Bracket	471547	1234yf Spotgun Hose assembly with coupler							
471112	UV Enhancing Glasses	981470	R-12 Aluminum adapter							
471535	R-134a Hose / Coupler: Twister & Spotgun injector systems	982564	Service Stickers: strip of 32 service stickers							
471536	High Side adapter: R-134a	98000010	Spotgun Jr. Injection Gun							
471539	Spotaun Injection Gun	98011025	Spotgun Jr. Hose - High side							

## **CHOOSING THE INJECTION KIT THAT'S RIGHT FOR YOU:**

#### **INJECTION KITS**

Everything you need to service A/C systems —fast!



# YOUR CHOICE OF INJECTION SYSTEMS.

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



# YOUR CHOICE OF CHEMISTRY DEPENDING ON YOUR NEEDS.

- A/C ExtenDye<sup>™</sup> 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<sup>™</sup> is formulated to safely and permanently stop small leaks



Part No.	Injection System	Application	Qnty/Size	UPC	Unit (inches & lbs)			
					Length	Width	Height	Weight
471500A	Spotgun	A/C ExtenDye	8 oz / 240 mL	628604004523	13.75	8.25	2.13	2.86
481500		PAG 46 A/C Oil	8 oz / 240 mL	628604005940	13.75	8.25	2.13	2.86
481500yf		PAG 46 HFO A/C Oil	8 oz / 240 mL	628604005964	13.75	8.25	2.13	2.86
471500		Universal A/C Dye	8 oz / 240 mL	628604000334	13.75	8.25	2.13	2.86
331500A		A/C ExtenDye	4 x 1 oz / 30mL	628604005223	13.75	8.25	2.13	1.70
330500A		A/C ExtenDye	4 x 0.25 oz / 7.5mL	628604005209	13.75	8.25	2.13	1.50
331500	Spotgun Jr.	Universal A/C Dye	2 x 1 oz / 30mL	628604002369	13.75	8.25	2.13	1.70
330500		Universal A/C Dye	6 x 0.25 oz / 7.5mL	628604000822	13.75	8.25	2.13	1.50
480300		LeakGuard	2 x 1 oz / 30mL	628604004523	13.75	8.25	2.13	1.70
321500A	ECO-Twist	A/C ExtenDye	4 x 1 oz / 30mL	628604005186	2.50	6.50	9.25	0.85
321500		Universal A/C Dye	4 x 1 oz / 30mL	628604003823	2.50	6.50	9.25	0.85
480310EU		LeakGuard	1 oz / 30mL	628604003564	6.75	4.00	1.50	0.40
321400H		Hybrid Oil cartridge	1 oz / 30mL	628604003885	2.50	6.50	9.25	0.85

Replacement Parts and Accessories for Injection Kits								
471111	Spotgun Injection Gun Kit: (3) injection guns, (3) R-134a Hoses and (1) Hanger Bracket	471540 471546	1234yf Spotgun Hose Assembly with coupler Spotgun Jr. R-134a Hose / Coupler					
98007111	Spotgun Hanger Bracket	471547	1234yf Spotgun Hose assembly with coupler					
471112	UV Enhancing Glasses	981470	R-12 Aluminum adapter					
471535	R-134a Hose / Coupler: Twister & Spotgun injector systems	982564	Service Stickers: strip of 32 service stickers					
471536	High Side adapter: R-134a	98000010	Spotgun Jr. Injection Gun					
471539	Spotgun Injection Gun	98011025	Spotgun Jr. Hose - High side					







#### **NEW! CPS® VIVID 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 1234yf systems
- Compatible with hybrid vehicles **UVIVD8**

#### **MULTI-PURPOSE DYE**

- Pinpoint leaks in engine oil, transmission, hydraulic, power steering, gasoline, and diesel fuel systems
- Services eight vehicles 483208 B483206

#### **RADIATOR COOLANT DYE**

For use with regular (green) coolant

 Pinpoint leaks in cooling systems, including radiator, hoses, fittings, water pumps and head gaskets
 483908

D. 1//	B	11.71.01	Std	LIDO	Unit (inches & lbs)		ITF-14 Master Case (inch			nes & Ibs)			
Part#	Description	Unit Size	Pack	UPC	Length	Width	Height	Weight	Carton	Length	Width	Height	Weight
Universal	A/C Dye												
UVIVD8	<b>NEW!</b> CPS Vivid A/C Dye	8 oz	6	628604006121	3.75	1.75	6.00	0.60	16286044990113	10.50	4.20	6.50	4.10
399020	Universal A/C Dye Cartridges	4x 1 oz	1	628604002383	4.75	1.75	4.75	0.45		N/A			
399006EU Universal A/C Dye Cartridges Winged		6 x 0.25 oz	1	628604003960	6.50	2.20	2.20	0.25		N/A			
399020EU	Universal A/C Dye Cartridges Winged	4x 1 oz	1	628604003984	4.75	1.75	4.75	0.45	N/A				
399006	Universal A/C Dye Cartridges	6 x 0.25 oz	1	628604001652	6.50	2.20	1.20	0.25		N/A			
499385	R-12 Automotive A/C Dye Capsules	6 x 0.03 oz	1	628604001805	4.75	3.25	1.75	0.25		N/A			
499387	R-134a Automotive 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
499008	Universal A/C Dye Bottle	8 oz	6	628604001652	3.75	1.75	6.00	0.60	16286044990083	10.50	4.20	6.50	4.10
499009	Universal A/C Dye wth 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			
B499012	Universal A/C Dye Bottles	6x 0.25 oz	1	628604001607	4.75	1.75	3.00	0.45		N/A			
B499024	Universal A/C Dye Bottles	6x1 oz	1	628604001614	2.75	4.50	3.00	0.75		N/A			
499108	Universal A/C Dye Cartridge	8 oz	6	628604003861	2.00	2.00	9.50	0.75	16286044991080	6.00	4.00	10.25	4.65
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
499388	Universal A/C Dye Capsules	6x 0.05 oz	1	628604001843	4.75	3.25	1.75	0.30		N/A			
499389	Universal A/C Dye Capsules	6x 0.05 oz	1	628604001867	7.75	4.50	2.00	0.90	N/A				
499390	Universal A/C Dye Capsules	6 x 0.05 oz	1	628604001881	7.75	4.50	2.00	0.90		N/A			
Multi-Purp	ose Dye												
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			
Coolant Dy	ye .												
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
Dye Clean	er												
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

# GIVE YOUR CARTHE FLU SHOT



Treat mold, mildew and bacteria



MiST™ Nano-droplets get directly to the source of the problem

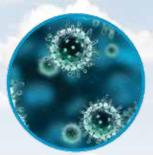


Safe, simple and effective profit generator that targets the health of the driver and occupants, not the vehicle

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



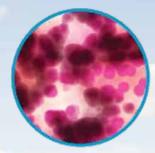
Removes Mold



Removes Flu Bug



Removes Pollen



Removes Bacteria



MIST™ VENT SAMPLES
BEFORE & AFTER





#### AWARD-WINNING COMPLETE IN-CAR SERVICE

MiST<sup>™</sup> penetrates the entire ventilation system and passenger compartment surfaces to restore interior air quality. MiST is a safe, simple and effective profit generator that targets the health of the driver and occupants, not the vehicle. 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



#### **MiST™ Starter Pack**

Includes:

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

590160P



# **Battery Extension Cord**

- 12 ft with accessory outlet
- Connects directly to vehicle's battery
- For use when cigarette lighter does not work
   590155





#### MiST<sup>™</sup> Car Interior Disinfectant / Sanitizer Formula

- The new EPA certified solution kills 99.99% of organisms in the car and features a new fresh lemon scent
- EPA#10324-85-84188
- DIN#02354314

#### 590270



#### MiST<sup>™</sup> Cleaning Solution

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

590250



#### MiST<sup>™</sup> 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 II 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

Dowt#	Description	Unit	Std	LIDO	U	nit (incl	hes & lb:	s)	ITF-14 Master	Case (inches & Ibs		s)	
Part#	Description	Size	Pack	UPC	Length	Length Width Height Weight			Carton	Length	Width	Height	Weight
590160	MiST II Ultrasonic Cleaning Unit	NA	1	628604003182	16.00 8.25 10.50 5.80			NA					
590250	MiST Cleaning Solution	3.38 oz	12	628604002925	2.00	2.00 2.00 4.75 0.30		16286045902504	13.00	4.75	5.00	4.15	
590260	MiST Auto Remarketing Formula	3.38 oz	12	628604006107	2.00	2.00 2.00 4.75 0.30			16286045902603	13.00	4.75	5.00	4.15
590270	Car Interior Disinfectant / Sanitizer EPA Approved	NA	12	628604003267	2.00	2.00 2.00 4.75 0.30			10628604592706	13.00	4.75	5.00	4.50
590235	Vent Clip: Summer Breeze Air Freshener	NA	12	628604002840	NA				6.00	4.00	0.50	0.05	
590236	Vent Clip: Spicy Apple Air Freshener	NA	12	628604002864		NA				6.00	4.00	0.50	0.05
590237	Vent Clip: Citrus Air Freshener	NA	12	628604002888		NA				6.00	4.00	0.50	0.05
590238	Vent Clip: Vanilla Air Freshener	NA	12	628604002901	NA			NA		6.00	4.00	0.50	0.05
590239	Vent Clip: Clean Car Air Freshener	NA	12	628604003342	NA			NA		6.00	4.00	0.50	0.05
590155	12V Battery Extension Cord with accessory outlet (12ft)	NA	1	628604002826					NA				

		Replacement Parts and	ACCESSOMES	TOT MIST
	98003170	Piezo Ultrasonic Transducer (serial numbers prior to 11000)	98002350	MiST fan repair kit (serial numbers prior to 11000)
	08003320	Piezo Ultrasonic Transducer with Waterproof Connecter (serial	98002351	MiST piezo repair kit (serial numbers prior to 11000)
980033		numbers after 11000)	99090560	MiST Point of Sale Easel
	98002340	Fan with Waterproof Connector	99090575	MiST Point of Sale Consumer Cards



#### **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



#### **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-toreach areas
- OEM Approved by International Truck

#### 550500HD



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



#### **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



# REPLACEMENT TESTER FLUID BOTTLE

- 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

	Replacement Parts and Accessories fo	v Airlift and Co	colont Comico Colutione
	Replacement Parts and Accessories to	r Airiilt and G	bolant Service Solutions
550510	Airlift Venturi Assembly	550537	Universal Cone adapter
550530	Airlift Fill Hose Assembly	570150	Rad Neck adapter
550535	Airlift Rubber adapters (4 sizes)	98037360	Rad Neck Rubber Stopper
550537	Airlift Universal Cone adapter	98063000	Fill Tank Cover (30"/ 76.2cm)
	Airlift Vacuum Gauge Assembly		Extraction Hose Assembly
	Airlift II Vacuum Gauge		Fill Tank Filter
	Airlift Ball Valve		8" Fill Tank Tube
	Airlift Quick Connect Coupler male		O-ring - Fill Tank 7.841" OD X 0.177" th
	Airlift Quick Connect Coupler female		0
	Airlift Coupler Seal		O-ring - Fill Tank 7.880" OD X 0.197" th
	Airlift II Rubber Cone adapter		Drain Valve
98038015	Airlift II Fill Hose Assembly		Base Plate
98037321	and the second s	98064950	4" Wheel Assembly (each)
98037328		98066850	Vacuum Gauge 2.5"
550535	Rubber adapters (4 sizes)	98071200	Ring Stopper (each)

# VACUFILL

# 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**<sup>TM</sup>

- Connects easily to all engine cooling systems
- 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 with Waste Pump

The most economical coolant exchanger on the market now features an auxiliary pump for emptying the waste coolant reservoir.

#### 570000X



Your partner in preventive maintenance™





















MACHINES I CHEMICALS I ADAPTERS



#### **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 MotorVac proprietary CarbonClean chemistry
- Online application guide

#### 500-0220



#### 🕳 🔳 Adapters

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



# Online Application Guide

Scan the QR code to go to the Motorvac application guide.

Power Cord	4.9 m (16 ft)
Power Supply	12 Volt DC Operation
Hose	3 m (10 ft) Output
Fuel Pressure Gauge	Vehicle and System
Ship Weight	20 lbs (8.6 kg)
Ship Height	41" (104 cm)
Ship Width	24" (61 cm)
Ship Depth	19" (48 cm)
Cabinet	Rotomolded
Warranty	One year





#### **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



#### **WHY USE CARBONCLEAN®** 1000

After recognizing the need for better fuel cleaning services, MotorVac 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 063-1376 Adapter Nissan 11mm male well as fuel system functionality.

INCLUD	ED ADAPTERS
063-1311	Spring lock disconnect tool
063-1360	Manifold block assembly
063-1361	Adapter 7/16" female thread 90° enplated
063-1362	Adapter 5/16" female thread 90°
063-1363	Adapter 1/4" quick disconnect male 6mm
063-1365	Adapter 1/4" quick disconnect female 6mm
063-1366	Adapter 5/16" female thread st. enplated
063-1367	Adapter 7/16" female thread straight
063-1368	Adapter 8mm quick connect male
063-1369	Adapter 10mm quick connect male
063-1370	Adapter 10mm quick connect female
063-1371	Adapter Ford 9/16" quick connect male
063-1372	Adapter Ford-9/16" quick connect female
000 1070	Adoptes Nicean 11 mm 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
063-1318       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
063-1322 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
063-1332 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
063-1333 Male & Female swivel male 14 x 1.5 063-1335 Male & Female swivel male 16 x 1.5
063-1335 Male & Female swivel male 16 x 1.5
063-1339 Honda Civic guick 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







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

Power supply	12 volt DC Operating Range
Power Cord	10' (3 m) 14 Gauge Heavy Duty Power Leads
Timer	0-60 Minutes, Adjustable
Fuel Pressure Gauge	0-160 PSI Pressure (0-11 bar) (3.5" diameter)
Vacuum Gauge	0-30 in. hg. (-0.1/-1 bar) (2.5" diameter)
Circuit Protection	8 Amp Fast Blow
Hoses	10' Each Reinforced Output and Return
Hose	12' (OD) Vacuum
Fuel tank	5 qt Capacity
Pump	30 Gallon per Hour (113.55 L)
Filter	"Spin-on" (10 micron)
Ship Weight	75 lbs. (34.01 kg)
Ship Height	41" (104.14 cm)
Ship Width	24" (60.96 cm)
Ship Depth	19" (48.26 cm)
Cabinet	Rotomolded



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





### **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

200-3025A	Adapter kit-gas (standard) -revised
200-3026A	Adapter kit-gas (deluxe) -revised
SINGLE	ADAPTERS
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 disconnect1/4" Ford
060-4200	Male 5/16" Metal GM
060-4300	Male 3/8" Ford/GM
060-4501	Adapter, loop for single line fuel system

SINGLE /	ADAPTERS
	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
<b>OPTION</b>	AL ADAPTERS
060-2300	14mm female
060-2310	Adapter female inv flr m14x1.5
060-2315	Adapter male bbl flr m14 x 1
060-2320	Adapter female out flr f14x1.5
060-2325	Adapter male inv flr m14x1.5
060-2600	16mm female
060-2700	Union-M 14mm x 16mm
060-3101	Adapter, gas male w/flg Nissan Quest A/S
060-3102	Adapter, gas female Nissan Quest A/S
060-4800	Adapter Mitsubishi male
060-4805	Adapter Mitsubishi female





#### 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
- Safely dissolves and removes soft carbon deposits and passes them through the exhaust

#### 500-0352

Power Cord	9' (2.7 m)
Power Supply	12 volt DC
New Fluid Capacity	2 x (2 L)
Shipping Height	41" (104 cm)
Shipping Width	24" (61 cm)
Shipping Depth	19" (48 cm)



#### **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.

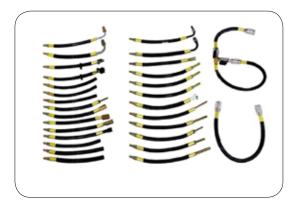


#### **CARBONCLEAN® MV3 and** DieselTune™ MV3D

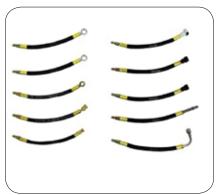
Fuel System Cleaner and Engine Decarbonizer

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

400-0020 CarbonClean MV3 **400-0010** DieseTune MV3D



200-3025A Standard Adapters (Included)



200-3026A Deluxe Adapters (Included)



200-8667 ICS Kit (Included)



#### **CARBONCLEAN® GDI MAINTENANCE KIT**

- Keep GDI engines clean
   Quickly breaks down and removes all sludge, Quickly breaks down and removes all studge, varnish and deposits, and holds them in suspension until they are drained
   Eliminates ethanol related fuel issues with our exclusive HydroBond<sup>TM</sup> Technology
   Reduces by up to 85% the olivapors that
- contribute to intake valve deposits

400-1205

-6	D. 1//	B	Std	ITF-14 Master	LIDO	Weight (lbs)		Un	Unit (inches)		Case (inches)		es)	
FUEL SERVICE	Part#	Description	Pack	Carton	UPC	Per Unit	Per Case	Length		Height	Length	Width	Height	
	400-0020	CarbonClean MV3 Fuel System Cleaner Concentrate	12	16286044000201	628604006329	0.55	6.95	2.25	2.25	5.63	7.25	9.25	6.25	
	400-0030	CarbonClean MV4 Intake Cleaning Detergent	12	16286044000300	628604006367	0.55	6.95	2.25	2.25	5.63	7.25	9.25	6.25	
	400-0050	CarbonClean MV5	6	16917340005262	697173000618	1.25	7.90	2.75	2.75	8.50	8.00	5.75	9.00	
	400-0060	CarbonClean MV6	6	16917340005279	697173000625	1.05	6.45	2.75	2.70	7.00	8.00	5.50	7.75	
	400-0126	CarbonClean MV3 Fuel System Cleaner Concentrate	4	16286044001260	628604006343	2.05	8.70	2.88	4.00	8.25	7.00	8.75	9.00	
	400-9900	CarbonClean 2 Part Fuel Kit	11	16286044099007	628604004226	1.80	20.37	2.75	6.00	8.25	13.50	12.50	8.50	
	400-9910	CarbonClean Complete Fuel System Kit	8	16286044099106	628604004226	2.15	18.14	2.75	8.00	8.25	13.50	12.50	8.50	
	400-0270	Concentrated Fuel Treatment	24	16286044002700	628604005407	0.15	3.75	1.25	1.25	4.25	5.50	8.00	5.00	
	400-1205	CarbonClean GDi Maintenance Kit	6	16286044012051	628604005384	3.00	18.75	4.38	7.00	8.50	14.00	10.50	9.75	
	400-2001	CarbonClean Fuel System Cleaner	12	16286044020018	628604004165	0.75	9.10	1.75	2.25	7.75	11.50	6.88	8.50	
	400-2018	CarbonClean Intake Cleaner	12	16286044020186	628604004189	0.35	4.85	2.13	2.13	5.25	9.50	7.00	6.75	
rian l	D. 1//	Description	Std	ITF-14 Master	HDO	Weight (lbs)		s) Unit		t (inches)		se (inch	hes)	
O O ENGINE SERVICE	Part#	Description	Pack	Carton	UPC	Per Unit	Per Case	Length	Width	Height	Length	Width	Height	
	400-5000EU	Engine Oil Cleaner	12	16286044050008	628604005049	1.05	12.75	2.75	2.75	6.75	11.25	8.50	7.75	
	400-6220	Engine Treatment	12	16286044062209	628604004202	0.90	10.91	1.75	2.25	7.75	11.50	6.88	8.50	
	400-1026	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	

Visit us online at motorvac.com



# CARBONCLEAN® COMPLETE FUEL SYSTEM KIT

- Cleans entire fuel system, including intake valves and the combustion chamber
- Smooths rough idle and reduces hesitation
- Eliminates ethanol-related fuel issues

400-9910



#### CARBONCLEAN® FUEL SYSTEM CLEANER

Fuel System Cleaner and Engine Decarbonizer

- Rapid one tank injector and fuel system clean up
- Eliminates ethanol-related fuel issues
- Enhances combustion by improving fuel atomization
- Catalytic converter and O<sub>2</sub> sensor safe

400-2001



#### CARBONCLEAN® INTAKE CLEANER

Air Intake Cleaner

- Catalytic converter and O2 sensor safe
- Cleans intake plenums and manifold runners
- Smooths rough idle
- Reduces hesitation

400-2018



#### MOTORVAC® CONCENTRATED FUEL TREATMENT

- Works with gas/petrol and diesel
- Eliminates water in the fuel
- Improves fuel atomization to increase power

400-0270



#### MOTORVAC® ENGINE OIL CLEANER

- MotorVac Engine Oil Cleaner effectively dissolves and suspends sludge and oil deposits so they can be safely and easily removed from the engine
- Formulated to help keep GDi engines clean
- Extra strength cleaner designed for extended oil change intervals
- Works with gas/petrol and diesel engines 400-5000



#### MOTORVAC® ENGINE TREATMENT

- MotorVac Engine Oil Treatment is designed to stabilize your motor oil and reduce intake valve deposits
- Formulated to help keep engine oil from separating
- Restores power and fuel economy
- Reduces sludge caused by ethanol blended fuel

400-6220



#### **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

Power Supply	12-24 Volt DC Operation
Power Leads	10', 14 Gauge Heavy Duty
Timer	0-60 Minute Adjustable
Hoses	10' Each Nylon Reinforced Output and Return
Wheels	8"
Fuel Tank Capacity	4.6 Gallons
Shipping Weight	85 lbs. (100 lbs.)
Shipping Dimensions	41" x 24" x 19"
Cabinet	Plastic Rotomolded
Warranty	One Year Limited Warranty



#### **Adapters**

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

ACCESSOF	RIES
200-3021A	Adapter kit, diesel (basic) - revised
200-3117	Adapter kit, diesel light truck
SINGLE AD	APTERS
Included w/Dies	el 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
060-3500	Male 3/8" Ford
060-3505	Female 3/8" Ford
060-3600	Male 1/2"
060-3605	Female 1/2" Ford
060-3900	Female Quick Disconnect-5/16" Ford
060-3901	Female Quick Disconnect-3/8" Ford
060-4200	Male 5/16" metal GM
060-4300	Male 3/8" Ford/GM
061-1550	Open end-1/2"
062-2040	Adapter-m 1/2" Chrysler, quick con

<b>OPTIONAL</b>	. 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	Adapter, female flare #6 JIC
061-0026	Adapter, 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	Adapter, loop for single line fuel system
060-4700	Prime adapter

	D. 1//	5	Std	ITF-14 Master Carton	UPC	Weight (lbs)		Unit (inches)			Case (inches)		
DJESEL ERVICE	Part#	Description	Std Pack			Per Unit	Per Case	Length	Width	Height	Length	Width	Height
	400-0010	DieselTune™ MV3D Diesel Engine Detergent	12	16286044000102	628604006305	1.05	12.75	2.75	2.75	6.75	11.25	8.50	7.75
	400-3012	DieselTune™ Max Strength Fuel Injector Cleaner	12	16286044030123	628604005421	0.70	8.50	1.75	2.25	7.75	9.00	7.00	6.00
	400-3022	DieselTune™ Complete Fuel Supplement	12	16286044030222	628604005445	0.70	8.50	1.75	2.25	7.75	11.50	6.88	8.50
	400-0280	DieselTune™ EGR System Cleaner	12	16286044002809	628604006503	2.25	28.50	3.13	3.13	9.00	14.00	10.25	10.00



#### **Adapters**

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



# TRANSTECH™ ATF CLEANER AND PROTECTANT CARTRIDGES

2-step inline kit **400-0137EU** 



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

Power Supply	12 volt DC Operation
Power Cord	10 ft (3 m)
Hose	10 ft (3 m) Output
Fluid Capacity	26 qts or 24.6L
Shipping Weight	87 lbs
Shipping Dimensions	21" x 26" x 45"
Cabinet	Black plastic



#### 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







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



#### **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

#### 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
- High Volume Pump For rapid and efficient service 500-1125B

Power Cord	10' (3 m) 12 gauge
Power Supply	12 volt DC
New Fluid Capacity	26 Quart (24.6L)
Shipping Height	41" (104 cm)
Shipping Width	24" (61 cm)
Shipping Depth	19" (48 cm)
Shipping Weight	90lbs (40.8 kg)



#### 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



SINGLE A	DADTEDE
included w/ Sta	DAIPTENS Indard Adapter Kit # 200-3100A
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	Adapter 90° 3/8F flare/Deep Ford
062-2060	Adapter, F 5/16" Deep thread, elbow
080-0594	3/8" FPT X MQD
080-0595	Coupler 1/4" MQD X 3/8" MPT, ZPS
SINGLE AI	DAPTERS Ixe Adapter kit # 200-3101A
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	Adapter, male 1/2" Chrysler, Quick Connect
062-2066	Adapter, 90° male 3/8" GM Quick Connect
062-4401	Adapter, Ford Quick Disconnect 3/8"
080-0592	Coupler-1/4" MQDX1/4" FPT, STL

<b>ACCESSO</b>	RIES				
010-1052	Bottle 8oz clear, no cap				
010-5602	Tool caddy 4x4x16 plastic black				
011-5014	Adapter stand for Transtech II or III				
200-3100A	Adapter kit Transtech (standard) -revised				
200-3101A	Adapter kit Transtech (deluxe) -revised				
200-3120	Adapter kit European transmissions				
200-8099	Assembly, direction flow adapter				
200-8906	Quick reference card Transtech				
OPTIONAL	. ADAPTERS				
	Adapter Trans GM 7/16" inverted flare male				
	Adapter Trans GM 7/16" inverted flare female				
060-2010	Adapter Trans GM 1/2" inverted flare male				
060-2015	Adapter Trans GM 1/2" inverted flare female				
060-2020	Adapter Trans GM 1/2" hose				
060-2025	Adapter Trans VW M12 male				
060-2030	Adapter Trans VW M12 with D-ring				
060-2035	Adapter Trans Jeep 5/8-18 male				
060-2040	Adapter Trans Jeep 5/8-18 female				
060-2045	Adapter Trans Jeep SAE 45° flare male				
060-2050	Adapter Trans Jeep SAE 45° flare female				
060-2055	Adapter Trans Ford SAE 45° flare female				
060-2060	Adapter Trans Ford SAE 45° flare male				
060-2065	Adapter Trans BMW 14mm male				
060-2070	Adapter Trans BMW M18 male				
060-2075	Adapter Trans BMW M18 female				
060-2080	Adapter Trans SAAB/Citroen/Lancia M14 male				
060-2090	Adapter Trans Fiat M12 male				
060-2095	Adapter Trans Audi M22 male				
060-2105	Adapter Trans Audi M22 female				
060-2110	Adapter Trans Opel Corsa male & female				
060-2300	14mm female				
060-2700	Jnion 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				

	I
062-0140	#6-45 flared tube with nut
062-2000	Adapter, Trans, BMW M12,M,O-RIN
062-2005	Adapter, Trans, BMW M12,F,O-RIN
062-2010	Adapter, Trans, BMW M10,M,M18NU
062-2015	Adapter, Trans, BMW M10,F,O-RIN
062-2020	Adapter, Trans, BMW 14mm
062-2061	Adapter, Trans, Volvo male .587DI
062-2062	Adapter, Trans, Volvo female 5931
062-2063	Adapter, male "S" Series Volvo
062-2064	Adapter, female "S" Series Volvo
062-2065	Adapter, Saturn includes 080-0593/030-3101
062-2068A	Adapter, Duramax female for all TT'S
062-2069	Adapter, Duramax male for all TT'S
062-2070	Adapter, female 2004 F350 diesel
062-2071	Adapter, male 2004 F350 diesel
062-2072	Cadillac CTS Adapter
062-2073	Adapter, Mercedes Benz male
062-2074	Adapter, Mercedes Benz female
062-2075	Adapter, Jaguar ZF Male
062-2076	Adapter, Jaguar ZF Female
062-2080	Adapter, Trans PSA heat exchange small
062-2085	Adapter, Trans Citroen XM heat exchanger
062-2090	Adapter, Trans PSA heat exchange large
062-2095	Adapter, Trans VAG male
062-3000	Adapter, Trans VAG female
062-3005	Adapter, Trans, Ford 1/2" w/Therm M
062-3006	Adapter, Trans, Ford 1/2" w/Therm F
062-3007	Adapter, Trans, Ford 3/4" w/Therm F
062-3008	Adapter, Trans, Ford 3/4" w/Therm M
062-3010	Adapter, Trans, BMW 8-Speed Trans, (Female)
062-3011	Adapter, Trans, BMW 8-Speed Trans, (Male)
062-4400	Adapter, Ford Quick Disconnect 1/2"
065-1033	Adapter, 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 adapter assembly

	Part#	Description	Std Pack	ITF-14 Master	aster		Weight (lbs)		t (lbs)	Unit (inches)			Case (inches)		
TRANSMISSION SERVICE	Γαιι#	Description	Pack	Carton	UFG	Per Unit	Per Case	Length	Width	Height	Length	Width	Height		
	400-0137	TransTech™ 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		
	400-0137EU	TransTech™ Inline Service Kit	3	16286044001376	628604004622	1.15	4.00	2.00	3.50	9.50	4.00	5.75	10.00		





A Fast and Efficient Power Steering Exchange Machine

- 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

Power Cord	10' (3m), 14 Gauge
Power Supply	12 Volt DC Operation
Circuit Protection	15 Amp Circuit Breaker
Hoses	Two Service Hoses 9', Waste Hose 5' 8"
Tanks	70 oz Capacity
Pumps	One @ 1 GPM, One @ 1.8 GPM (Suction)
Filter	Internal Screen Mesh (Waste Tank)
Ship Weight	85 lbs.
Ship Dimensions	43" x 24" x 19"
Cabinet	Roto-molded
Warranty	One Year Limited Warranty

#### 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



D#//	Description	Std	ITF-14 Master	LIDO	Weight Unit			Case				
Part#	Description	Std Pack	Carton	UPC	Unit	Case	Length	Width	Height	Length	Width	Height
400-1045	SteerClean™ SCK1000 2-Step Cleaning and Conditioning Kit	6	16286044010453	628604006442	.5 kg	3.3. kg	57 mm	114 mm	143 mm	292 mm	175 mm	216 mm





#### 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 fluide.
- 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

Air Supply Requirements	80-150 psi
Hose Lengths	8 ft long service hoses
New Fluid Tank Capacity	2.1 qts
Waste Fluid Tank Capacity	4.2 qts
Dimensions	38.5" x 19.5" x 26.5"
Shipping Dimensions	40" x 23.5" x 20"
Shipping Weight	43 lb





## **COOLANTCLEAN™ III**WITH FLOW DIRECTION ADAPTER

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 pnuematic)
- Manual control ball valves
- Pressure is limited to 10 psi if cap malfunctions, fluid will overflow into reservoir

#### 500-5100P

	0.0.40 \ 0.41 \ 1.0.41
Hose	8 ft (2.43 m.) Output and Return with Quick Coupling
Tank	2 - 26 Quart Coolant Fluid: Clean and Waste
Ship Weight	70 lbs.
Ship Height	41" (104.14 cm)
Ship Width	24" (60.96 cm)
Ship Depth	19" (48.26 cm)
Cabinet	Rotomolded
Warranty	One Year Limited Warranty



Optional D-Gas Adapter **200-8715** 



#### **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** 



Dort#	Description	Std	ITF-14 Master	LIDC	Weight (lbs)		Unit (inches)			Case (inches)		
Part#	Description	Pack	Carton	UPC	Per Unit	Per Case	Length	Width	Height	Length	Width	Height
400-0138	CoolantClean™ 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>ACCESSO</b>	RIES						
010-1052	Bottle 8oz clear, no cap						
010-5602	Tool caddy 4x4x16 plastic black						
200-3106 Adapter kit-coolant clean (standard)							
CINICI E A	DARTERS						
SINGLE ADAPTERS Included w/ Optional Adapter Kit # 200-8803							
Included w/ Up	tional Adapter Kit # 200-8803						
063-1034	Adapter, plastic 2-1/4x2-1/2x3 cool						
063-1034	Adapter, plastic 2-1/4x2-1/2x3 cool						
063-1034 070-2000	Adapter, plastic 2-1/4x2-1/2x3 cool Hose, 2 1/4" OD cut into 5" lengths o/c						
063-1034 070-2000 070-2001	Adapter, plastic 2-1/4x2-1/2x3 cool Hose, 2 1/4" OD cut into 5" lengths o/c Hose, 2 1/2" OD cut into 5" lengths o/c						

SINGLE AD	
Included w/Basi	c Adapter Kit # 200-3106
010-5408	Clamp large size #36 CT-2100
030-4404	Fitting step vacuum 1/4" X3 /8"
060-1400	Female 5/16"
063-1030	Adapter step 1-1/4" X1-1/2" plastic
063-1031	Adapter plug 1-1/4" X1-1/2" plastic
063-1032	Adapter 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
080-6005	Hose clamp 1-1/16" to 2"

OPTIONAL	ADAPTERS
063-1038	BMW coolant adapter - male
063-1039	Audi coolant adapter - male
200-8715	Optional - D-Gas Adapter
200-8803	Adapter kit-coolant (heavy duty)



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



#### **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

Power Supply	12 volt DC
Shipping Dimensions	13.8" x 8" x 5.5"

# MIST™ ULTRASONIC SOLUTION

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

#### 400-0501



****	Part#	# Description	Std Pack	ITF-14 Master Carton	UPC	Weight (lbs)		Unit (inches)			Case (inches)		
AC SERVICE						Per Unit	Per Case	Length	Width	Height	Length	Width	Height
	400-0501	CarClean MiST Ultrasonic Solution	12	16971734005016	697173000489	0.30	3.65	2.00	2.00	4.50	12.75	4.75	5.00
	400-0525	CarClean MiST	12	16286044005251	628604006428	0.004	0.05				4.00	6.00	0.10





#### **COOLSMOKE®**

The next generation of EVAP Leak Detection

- Pressure and vacuum leak diagnostics with smoke solution containing UV enhanced dye
- Instant smoke
- Two ways to spot the leak
- Does not use heat to create smoke
- Improve performance with UV Phazer<sup>™</sup> Black<sup>™</sup> (#413075)
   500-0100



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



Required voltage	12 Volt DC
Shipping weight	18.5 Lbs / 8 Kg
Shipping dimensions	14" x 14" x 12"
Power cord length	10 Ft / 3M
Supply hose	10 Ft / 3M
UPC	628604001348

W
LEAK DETECTION

CTION	Part# Description		Std	UPC	Weight (lbs)		Unit (inches)	
	T GIT!	Doscription	Pack	0.0	Per Unit	Length	Width	Height
	400-1054	CoolSmoke Replacement Fluid with Dye	1	628604001287	0.45	1.25	3.50	6.00





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. The BrakeVac II reduces the concerns associated with both air pressure and vacuum style brake bleeding. 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
- 1 gallon fluid tank and removable waste tank for multiple services
- Drain switch to empty new fluid tank for changing to different brake fluids
- Extra-long 10 foot pressure hose with quick disconnect coupler assures full lift extension
- 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
- Portable, operates on 12 volts DC

#### 500-8100

	·
Power Cord	16.5'
Power Supply	12 Volt DC
Pressure Gauge	0-85 PSI / 0-6 Bar
Circuit Protection	15 AMP Circuit Breaker
Hoses	11.5'
Tanks	1 Gallon Clean and 1 Removable Waste Tank
Pumps	Two 1 GPM
Ship Weight	85 lbs.
Shipping Dimesions	41" x 24" x 19"
Cabinet	Rotomolded
Warranty	One Year Limited Warranty



# Adapters Scan the QR

code to view a listing of all adapters.



#### 200-3118M

STANDARD ADAPTERS (INCLUDED)

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

ACCESSO	RIES
100-8101	Quick reference cards
200-3118M	Complete adapter kit
SINGLE A	DAPTERS Included w/ Basic Adapter kit # 200-3118M
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 adapter (foreign)
066-6005	Universal round adapter with chain tension hold down
066-6006	Expandable o-ring adapter with hold down chain (Honda M/C 2.11" - 2.17")
066-6007	Expandable o-ring adapter 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
OPTIONAL	L ADAPTERS
066-0020	Adapter, universal 3 3/4" diameter for brake machine
066-1100	Honda brake adapter
066-6011	Durable plate adapter with 2 hold down chains (rect. Cast iron m/c)

# **Replacement Parts**

LEAK DETECTION LIGHTS				
415000	MEGA-LITE™			
461102	200	110V/100 Watt Replacement Bulb		
461107		Replacement Lens		
461201		12V/100 Watt Replacement Bulb		
98007540	0	Rubber Retaining Lens Ring		
413000	MICRO-LITE™			
461105		12V/50 Watt Replacement Bulb		
461111		Replacement Lens		
98007560	0	Rubber Retaining Lens Ring		
413030	ECONO-LITE™			
461105	900	12V/50 Watt Replacement Bulb		
471112		UV Enhancing Glasses		

UV LEAK DETECTION KITS Spotgun, Spotgun Jr. & ECO-Twist				
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	Company of the Compan	Service Stickers: Strip of 32		
471111	ENT	Spotgun™ Injection Gun Kit		
471539		Spotgun™ Injection Gun		

UV LEAK DETECTION KITS (continued) Spotgun, Spotgun Jr. & ECO-Twist			
98000010	k	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	

COOLING SYSTEM TOOLS AIRLIFT, AIRLIFT II					
550510	9	Venturi Assembly (Airlift™)			
550530	9	Fill Hose Assembly (Airlift™)			
550535	.000	(4) Rubber Stoppers (Airlift™)			
550537		Universal Cone Adapter (Airlift™)			
98037000	9	Vacuum Gauge (Airlift™)			
98037025		Vacuum Gauge (1.5") (Airlift™ II)			
98037030	۶	Ball Valve (Airlift™)			
98037060		Quick Connector/Coupler (Airlift™)			
98037070	0	Coupler Seal (Airlift™)			
98038015	0	Fill Hose Assembly (Airlift™ II)			
560000	COMBUSTION LEAK TESTER				
98037321	•	Squeeze Bulb			
98037328		Tester			

## **Replacement Parts**

COOLANT EXCHANGER VACUFILL			
5505350	000:	Rubber Adapters	
550537		Universal Cone Adapter	
5701500		Rad Neck Adapter	
98037360		Rad Neck Rubber Stopper	
98063000	0	Fill Tank Cover	
98063100	0	Extraction Hose Assembly	
98063150		Fill Tank Filter	
98063300	4.4.4.4.	20 cm Fill Tank Tube	
98063450		O-Ring: Refill Tank	
98064600	-	Drain Valve	
98064750		Base Plate	
98064950		1/4" Wheel Assembly	
98066850	<b>S</b>	Vacuum Gauge 64 mm	
98067750		Extension Tube Assembly	
98071200	0	Ringer Stopper	
98063310	0	O-Ring Repair Kit	
98063320	8	Fill Tank and O-Rings	

MIST™ UNIT			
590160		MIST™ UNIT	
98003350	P	Piezo Ultrasonic Transducer with Waterproof Connecter (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	2	MiST™ POS Stand	
99090575		MiST™ POS Consumer Cards	

FREEDOM-LITE™ and iView 413303, 413310, TLWL132R				
98006351	ď	Hook		
98006352		Handle, Tube, Hook & Cap for Freedom-Lite™ and iView		
98006353	Switch for all Freedom-Lites <sup>T</sup> (Cradle)			
TLWL132R	Rechargeable underhood lec worklight automotive			
TLXWL132BAR	Replacement expandable bar for the TLWL132R			
TLXWL132CH110	110V wall charger for TLWL132R			
TLXWL132CH12	12V battery charger for TLWL132R			
TLXWL132CLIP	Light holding clips for TLWL132R			

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# **CDS**<sup>®</sup> Automotive