

# MAHLE

*Driven by performance*

Catalog No. MSS-16  
Supersedes AFS-15

2016

## Automotive Service Tools and Equipment Product Catalog

AFTERMARKET



TechPRO® NitroPRO® FluidPRO® ArcticPRO®

## TechPRO®

**TechPRO® Automotive Diagnostic System** brings the industry's fastest scan tool to the Aftermarket for the first time. See the various options for the VCI1000 sold with a software subscription and preloaded tablets (see pages 3-6).



## ArcticPRO®

**ArcticPRO® A/C Servicing Equipment** now has options for low cost, mid-range, and high-end models, with same high quality performance of MAHLE's ArcticPRO line. New models include the **ACX1120H**, **ACX1150**, and **ACX1150H** (see pages 8-11).



### - COMING SOON -

The ArcticPRO® **ACX1185** and **ACX1285** will mark history as the first A/C servicing equipment fully-integrated with TechPRO® Automotive Diagnostic System, providing A/C diagnostics and HVAC system testing.



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# FROM A PARTS SUPPLIER TO A SOLUTIONS PROVIDER HELPING TECHNICIANS WORK SMARTER

For over 30 years MAHLE Service Solutions, a division of MAHLE Aftermarket, has specialized in the development and manufacturing of automotive tools and equipment. Our products and services are used in major OE vehicle manufacturing plants, dealerships and independent aftermarket service providers around the world. We are the largest global supplier of OE dealership scan tools.

Widely known as RTI prior to the acquisition by MAHLE Aftermarket in 2013, MAHLE Service Solutions was the first manufacturer of AC recovery equipment with the introduction of the first fluid machine in 1995. Today our vehicle service products include manufacturing test systems, diagnostic tools, air conditioning service, refrigerant recovery, fluid exchange and nitrogen tire inflation systems.

### Why MAHLE Service Solutions?

**First Choice Supplier** The largest service chains and OE's choose MAHLE Service Solutions as their supplier of equipment. We listen to our customers to understand their needs as business partners for repair and service solutions.

**Best-in-Class Solutions** We analyze the market and offer timely, reliable, and valuable solutions with global availability, improving workshop productivity and total cost of ownership.

**Best-in-Class Support** We proactively and innovatively act to support the success and sustainability of our customers with hundreds of service centers and free lifetime technical support. A large number of field sales representatives are available to support you with on-site set-up and training. And we can customize a solution to fit your individual service need.

**Experience** Along with over 30 years of vehicle manufacturing and service testing, we have over 100 years as one of the top vehicle automotive suppliers of engine technology.

**Reliable** Our tools and equipment undergo a stringent quality control process, above the industry standard.

**Industry-Leading** Our warranty is one of the best in the industry; extensive and no-hassle coverage. Replacement parts are available for next-day delivery.

Over 30 million vehicles a year are tested with a MAHLE Service Solutions product in over 25,000 dealer and aftermarket service shops around the world.



# MAHLE

*Driven by performance*

# TECHNOLOGY FULL SPEED AHEAD

## TechPRO® Diagnostic Scan Tool

**Analyze, Diagnose, and Repair Today's Vehicles Faster**



### **SPEED.**

Decode a VIN in seconds with 1 click. Communicates with all modules and reports all DTC's in 20-30 seconds on average.

### **COST.**

Subscription-based model vs. large initial investment.

### **FUNCTIONALITY.**

Use with existing tablet, laptop, or desktop with no need to purchase additional hardware. TechPRO® Diagnostic Scan Tool can be purchased with the option of a tablet bundle.

### **DATA.**

Real-time streaming data, with software updates downloaded rapidly from the Internet.

### **RESOURCE.**

History is collected on every component of the analysis with instant pass-thru to repair data for subscribers of Identifix, Mitchell 1, iATN and more...

### **TECH-FRIENDLY.**

Bright LED light confirms that VCI is communicating and audible alarm reminds technicians to disconnect.



# Adding Value to Your Shop's Bottom Line

## FAST DIAGNOSIS.

Measured in seconds vs. minutes for competitors' tools, TechPRO® Diagnostic Software can often save 5-10 minutes or more per accurate diagnosis and repair, increasing productivity and generating thousands of dollars more revenue per year.

## FAST RESOURCES.

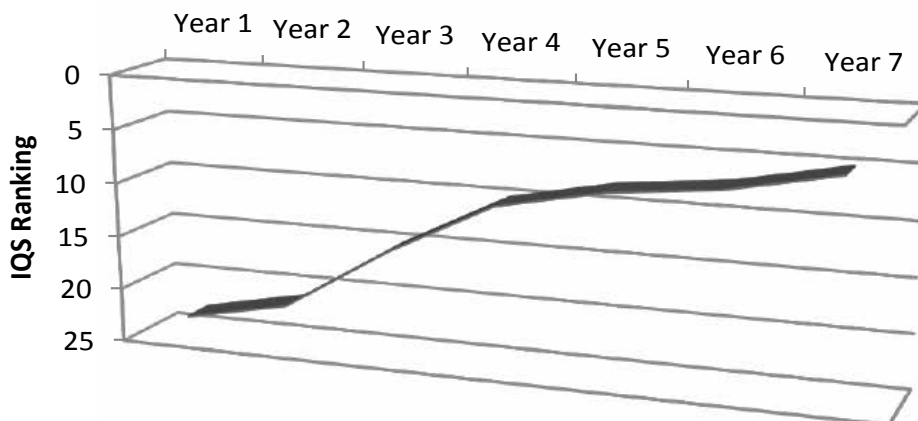
Fault codes describe the failure they represent, along with the code number corresponding to the failure, providing you with more in-depth information. PIDs, the ability to graph different functions, and live streaming data provide immediate access to information on how to complete the repair.

## QUALITY IMPROVEMENT.

Useful functions include cylinder balance tests, compression testing, misfire graphing and much more. You will put your customers back on the road with the assurance that their repair needs are met.

## Ford Quality Improvement

The same MAHLE engineers who designed TechPRO® provided factory end-of-line testing that was part of Ford's quality improvement success story.



\*Source: JD Power "Initial Quality Survey"™ (Defects reported by US consumers within 90 days after vehicle purchase.)





# Innovation That's Easy

1. Download TechPRO® Software
2. Connect via Bluetooth or USB
3. Start Seeing Your Shop's Savings



## SMART Technology

### Tech-friendly menu. Easy-to-read menu options for seven categories:

- Diagnose; OBDII; Snapshot Replay; Settings/Manage VCI; Feedback; Activate Subscription; MAHLE Chat.
- Speed of VIN decode. 1 second average via USB. 3-4 seconds average via Bluetooth.
- Speed of diagnosis. Full vehicle DTC scan of all modules in an average of 20-30 seconds.
- Data. Real-time streaming live data with graphing and gauges.
- Snapshot Replay. Always-on data recording allows seamless data review, export, and import.
- Repair Maintenance Interface. Jump directly from DTC's found to free web information on the code or to repair information found on RMI subscriptions.
- Tech-friendly alerts. Bright LED lights provide feedback that VCI is connected and communicating properly. Audible alarm on VCI sounds when not in operation to help prevent drive-offs.
- SMART technical support. Free lifetime support via

, email, or MAHLE chat button. MAHLE technical support can take control of the device remotely for troubleshooting and training.

# TechPRO® Automotive Diagnostic System

MAHLE's TechPRO® Diagnostic Scan Tool is the most advanced technology available for professional technicians. This versatile, software-based tool helps analyze, diagnose and repair today's sophisticated vehicles faster and more accurately than ever before.

Decades of providing diagnostics to OEM's end-of-line manufacturing test systems: now bringing this speed and stability to an aftermarket scan tool for the first time.



**Donny Seyfer:** Repair shop owner, industry educator and ASE Master Technician with 30+ years' experience

## Part Numbers

<b>402 80001 00</b>	Automotive Diagnostic System, includes VCI1000 and 1-year subscription
<b>402 80004 00</b>	402 80001 00 plus 8" tablet with preloaded software
<b>402 80006 00</b>	402 80001 00 plus 10" tablet with preloaded software
<b>402 80007 00</b>	402 80001 00 plus 12" Surface Pro tablet with preloaded software and ruggedized case

## MAHLE TechPRO® Automotive Diagnostic System Specifications and Minimum Requirements

VCI Certification	Meets SAE J1962
VCI FCC Codes	ID: X3ZBTMOD3 IC: 88228A-MOD3
VCI Dimensions (H x W x D)	4.56 x 1.96 x 1.06 in (116 x 50 x 27 mm)
VCI Weight	0.1 lbs. (0.450 kg)
VCI Warranty	2 Years
VCI Operating Voltage	4 to 30 volts DC
VCI Power Consumption	Operating: ~100 mA @ 12 Volts DC
VCI Temperature Range	-40 degrees to 140 degrees Fahrenheit
VCI External Connectors	OBD II male connector (built-in, but user replaceable) and microUSB
VCI to PC Connection	USB 2.0 Full Speed; Bluetooth 3.0 Class 1 (100 m/325' range)
PC Operating System Requirements	Windows 7, 8, or 10



# PERFORMANCE PACKED WITH VALUE



The solution for high-quality A/C servicing equipment at an economical price.

**Models in this section:**

- ACX1120H
- ACX1150
- ACX1150H

A/C Comparison Chart..... Page 21

# Optional Upgrades



- **ON-BOARD INTEGRATED THERMAL PRINTER.**

Print to USB (for standard paper) allows user to store “before and after” service information by vehicle and print information for the customer.

- **HOSE FLUSHING.**

- External on the ACX1120H and integrated internally on the ACX1150/1150H.

- **OPTIONAL DATABASE.**

- Reliable and high-quality vehicle database included for latest A/C service information. (ACX1150/1150H only)

- **TOUCH SCREEN DISPLAY.**

- Controlled by a 4.3” color touch screen for faster input (ACX1150/1150H only).



# ArcticPRO® for Refrigerant R134A

Affordable and innovative technology is delivered to you by MAHLE Service Solutions. Loaded with additional cost-saving features and same superior system performance you have come to expect with of the ArcticPRO series, the ACX1120H, ACX1150 and ACX1150H keep your shop's bottom line in mind. They are equipped with ECO LOCK quick couplers, which reduce the formation of non-condensable gases inside the vessels and avoids the dispersion of refrigerant in the air upon hose detachment. The automatic air purge eliminates contaminated air without monitoring gauges or opening valves to preserve equipment lifespan and improve operating efficiency. Capable of servicing all passenger cars, trucks, they also contain a high performance self-cleaning vacuum pump that requires less maintenance and eliminates 4 minutes off the standard service time, bringing more savings to your shop. The ACX1120H/1150H models are equipped to accommodate hybrid vehicles.



## Features

### R134A.

Fully recover and recharge in any climatic condition.

### ECONOMICAL.

Long life pump functionality that performs a self-cleaning process reducing maintenance.

### ADDITIONAL PRESSURE SENSOR.

Equipped with an additional pressure sensor for faster air purge.

### HYBRID FUNCTION.

Designed for servicing all passenger cars, trucks, and hybrid vehicles (ACX1120H/1150H only).

### TIME SAVING PERFORMANCE.

High performance vacuum pump to ensure faster service times, 4 minutes less than a double-capacity pump.

### TOOL TRAY.

Allows you to easily store and organize your tools.

### AIR PURGE.

Automatic air purge maximizes efficiency, speed and ease of control process.

### REMOTE TECHNICAL SUPPORT.

Plug-in and experience live remote support for troubleshooting and questions.

### ECO LOCK QUICK COUPLERS.

Engineered to prevent gas dispersion into the environment.



ECO LOCK  
Quick  
Couplers

# ArcticPRO®

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## ArcticPRO® Efficiency A/C Equipment

**P/N 460 80403 00** ACX1120H R134a Refrigerant Handling System (Hybrid Certified)

**P/N 460 80404 00** ACX1150 R134a Refrigerant Handling System

**P/N 460 80405 00** ACX1150H R134a Refrigerant Handling System (Hybrid Certified)

### Specifications

Certifications J2788, J2099, UL1963

Charge Performance +/- 0.5 oz. at 70° to 75° F (+/- 15g at 21° to 24° C)

Charging Cylinder 26.4 lb. (12 kg) DOT

Compressor 0.3598HP – 0.316kW, pressure protected, balanced start-up, oiled, hermetically sealed

Dimensions (H x W x D) 41.33 in x 25.78 in x 25.59 in (105 cm x 65.5 cm x 65 cm)

Display B&W; 35 x 200 mm; alphanumeric (ACX1120H) / Display 4.3" Color TFT Touchscreen (ACX1150/1150H)

Filter-Drier Capacity 150 lb. (75 kg)

Hoses 9 ft. (2.75 m)

Hybrid Function Integrated (ACX1120H and ACX1150H only)

Languages English, French, Spanish

Operating Ranges 50° - 122°F (10°-50°C)

Power Source 120VAC - 60HZ - 12 AMP

Printer Optional

Vacuum Pump 50 L/min (1.8 CFM) dual stage

**Warranty 2 Years – parts & labor**

Weight 187 lbs (85 kg)

# TRIED AND TRUE A/C SERVICING



The foundation of our A/C servicing equipment for the fastest service times and best recovery accuracy.

**Models in this section:**

- ACX1180
- ACX1180H
- ACX1180C

A/C Comparison Chart..... Page 21

# Optional Upgrades



- **DATABASE.**  
Reliable and high-quality vehicle database included for latest A/C service information.
- **ECO LOCK QUICK COUPLERS.**  
Engineered to prevent gas dispersion into the environment.
- **ON-BOARD INTEGRATED THERMAL PRINTER.**  
Print to USB (for standard paper) allows user to store “before and after” service information by vehicle and print information for the customer.
- **INTEGRATED IDENTIFIER.**  
Refrigerant identifier to avoid costly cross contamination. Sample filter clearly visible for inspection (not shown).



ECO LOCK  
Quick  
Couplers



# ArcticPRO® for Refrigerant **R134A**

ArcticPRO® ACX1180 series for refrigerant R134a is the foundation of our A/C servicing equipment, for the fastest service times and best recovery accuracy. Every ArcticPRO model is built around the ACX1180 for its superior record in performance and functionality and customer satisfaction. Loaded with features for maximum uptime, reliable functionality is achieved with on-board diagnostics that check premium high-flow capacity solenoids, transducers, compressor, vacuum pump, and calibration functions.

The ACX1180 services all passenger cars and trucks, while the ACX1180H is equipped to service hybrid vehicles.

## Features

### **R134A.**

Fully-automatic program to recover, vacuum, leak test and charge without command.

### **VACUUM LEAK TEST.**

Monitors level after evacuation, informs of possible leak.

### **AUTOMATIC AIR PURGE.**

Eliminates contaminated air without monitoring gauges or opening valves.

### **SHOCK-MOUNTED LOAD CELL.**

Ensures stable calibration and charge accuracy.

### **AUTOMATIC OIL DRAIN.**

Display reminds you to empty the graduated container and shows the amount of oil to replace.

### **ERGONOMIC.**

Designed with unobstructed accessibility for easy maintenance.

### **HYBRID FUNCTION.**

Capable of servicing high voltage electric compressor A/C systems (ACX1180H).

# ArcticPRO®

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# Optional Upgrades



- **DATABASE.**  
Reliable and high-quality vehicle database included for latest A/C service information.
- **ECO LOCK QUICK COUPLERS.**  
Engineered to prevent gas dispersion into the environment.
- **AUTOMATIC DYE INJECTION.**  
Detects leaks without additional UV dye handling (not shown).
- **INTEGRATED HOSE FLUSHING.**  
Eliminates need for additional or loose adapters (not shown).
- **ON-BOARD INTEGRATED THERMAL PRINTER.**  
Print to USB (for standard paper) allows user to store “before and after” service information by vehicle and print information for the customer.
- **INTEGRATED IDENTIFIER.**  
Refrigerant identifier to avoid costly cross contamination. Sample filter clearly visible for inspection (not shown).



ECO LOCK  
Quick  
Couplers

# ArcticPRO® for Refrigerant **R134A** for Heavy Duty A/C Servicing

ArcticPRO® ACX1180C for refrigerant R134a is the ***OEM Heavy Duty Commercial*** version of the ACX1180, with the same superior system performance. Innovative technology produces faster service times and higher service accuracy, providing the required features for OEM-Level A/C servicing.

## Features

### **R134A.**

Fully-automatic program to recover, vacuum, leak test and charge without command.

### **VACUUM LEAK TEST.**

Monitors level after evacuation, informs of possible leak.

### **AUTOMATIC AIR PURGE.**

Eliminates contaminated air without monitoring gauges or opening valves.

### **SHOCK-MOUNTED LOAD CELL.**

Ensures stable calibration and charge accuracy.

### **AUTOMATIC OIL DRAIN.**

Display reminds you to empty the graduated container and shows the amount of oil to replace.

### **ERGONOMIC.**

Designed with unobstructed accessibility for easy maintenance.

### **HYBRID FUNCTION.**

Capable of servicing high voltage electric compressor A/C systems.

### **20' CABLE TEMP PROBES.**

Monitor performance of the A/C unit through A/C vents.

### **50 LB INTERNAL TANK.**

Large enough for HD service.

### **FACTORY INSTALLED HEATER BELT.**

Heats cylinder to raise refrigerant pressure enabling you to charge during any climatic condition.



## ArcticPRO® ACX1180 Series

**P/N 460 80385 00** ACX1180 High Performance R134a Refrigerant Handling System

**P/N 460 80389 00** ACX1180H R134a Refrigerant Handling System (Hybrid Certified)

**P/N 460 80390 00** ACX1180C R134a Refrigerant Handling System (Commercial HD Version)

### Specifications

Certifications SAE J2788, SAE J2099, UL1963

Charge Performance +/- 0.5 oz. at 70° to 75° F (+/- 15g at 21° to 24° C)

Charging Cylinder 30 lb. (13.6 kg) DOT (ACX1180/1180H) / 50 lb. (22.7 kg) DOT (ACX1180C)

Compressor 3/8 HP – 0.279kW, pressure protected, balanced start-up, oiled, hermetically sealed

Dimensions (H x W x D) 40in x 23 in x 33 in (101.6 cm x 58 cm x 84 cm)

Filter-Drier Capacity 150 lb. (75kg) – spin-on type

Hoses 9 ft. (2.75 m)

Languages English, French, Spanish

Operating Ranges 50° - 122°F (10° - 50°C)

Power Source 120VAC - 60HZ - 12 AMP

Recycle Performance 95% at 70° - 75° F (21° - 24° C) within 30 minutes

Scale Accuracy +/- 0.03 oz. (+/- 1 g)

Vacuum Pump 1.8 CFM (50 L/min) dual stage (ACX1180/1180H) / 5 CFM (42 L/min) dual stage (ACX1180C)

Ventilation Fan 218 CFM Industrial-duty (ACX1180C only)

### Warranty 2 Years – parts & labor

Weight 187 lbs (85 kg) (ACX1180/1180H) / 225 lbs (102 kg) (ACX1180C)

# AWARD WINNING & ECO-FRIENDLY



**Designed to efficiently and safely service R1324yf refrigerant giving you the edge you need to increase your shop offerings.**

**Models in this section:**  
ACX1280

A/C Comparison Chart.....Page 21

# Optional Upgrades

- **ECO LOCK QUICK COUPLERS. [COMING SOON]**  
Engineered to prevent gas dispersion into the environment.



ECO LOCK  
Quick  
Couplers





# ArcticPRO® for Refrigerant R1234yf

The ArcticPRO® award winning ACX1280 R1234yf refrigerant handling system is remarked for the adoption of the new worldwide standard of refrigerant that is designed to reduce global warming potential. The ACX1280 is already recommended by several vehicle manufacturers, because numerous features enable technicians to handle refrigerant more safely than ever.

## Features

### **R1234yf.**

Fully-automatic program to recover, vacuum, leak test and charge without command for ease of operation.

### **AUTOMATIC OIL DRAIN.**

Display reminds you to empty the graduated container to show the amount of oil to replace. And monitors and reports amount of oil recovered during a recycle process.

### **VACUUM LEAK TEST.**

Monitors level after evacuation, informs of possible leak.

### **AUTOMATIC AIR PURGE.**

Eliminates contaminated air without monitoring gauges or opening valves.

### **INTEGRATED IDENTIFIER.**

Refrigerant identifier to avoid costly cross-contamination. Sample filter clearly visible for inspection.

### **INTEGRATED HOSE FLUSHING.**

Eliminates need for additional or loose adapters.

### **SPARK FREE.**

All electrical components are rated spark-free.

### **TOOL TRAY.**

Allows you to easily store and organize your tools.

### **FAN FLOW VENTILATION FLOW SWITCHES.**

Ensures cabinet is vented.

### **ON-BOARD INTEGRATED THERMAL PRINTER.**

Print to USB (for standard paper) allows user to store “before and after” service information by vehicle and print information for the customer.

**ArcticPRO® ACX1280 Series****P/N 460 80386 00** ACX1280 R1234yf Refrigerant Handling System**Specifications**

Certifications SAE J2788, SAE J2099, UL1963

Charge Performance +/- 0.5 oz. at 70° to 75° F (+/- 15g at 21° to 24° C)

Charging Cylinder 30 lb. (13.6 kg) DOT

Compressor 3/8 HP – 0.279 kW, pressure protected, balanced start-up, oiled, hermetically sealed

Dimensions (H x W x D) 40 in x 23 in x 33 in (101.6 cm x 58 cm x 84 cm)

Filter-Drier Capacity 150 lb. (75kg)

Hoses 9 ft. (2.75 m)

Languages English, French, Spanish

Operating Ranges 50° - 122°F (10° - 50°C)

Power Source 120 VAC - 60 HZ - 12 AMP

Vacuum Pump 1.8 CFM (50 L/min) dual stage

Scale Accuracy +/- 0.3 oz. (+/- 1 g)

Recycle Performance 95% at 70° to 75° F (21° to 24° C) within 30 minutes

**Warranty 2 Years – parts & labor**

Weight 223 lbs (101 kg)

# Going Beyond Standards

FEATURE COMPARISON	REFRIGERANT 134A							REFRIGERANT 1234YF	
	ACX1120H	ACX1150	ACX1150H	ACX1180	ACX1180C	ACX1180H	ACX1185*	ACX1280	ACX1285*
TechPRO® Diagnostic Software Integration							*		*
Fully-Automatic	*	*	*	*	*	*	*	*	*
Multi-lingual Display	*	*	*	*	*	*	*	*	*
2-Year Warranty	*	*	*	*	*	*	*	*	*
High & Low Side Refrigerant Charging	*	*	*	*	*	*	*	*	*
Vacuum Leak Test	*	*	*	*	*	*	*	*	*
Notification Alarm	*	*	*	*	*	*	*	*	*
Refrigerant & Filter Management	*	*	*	*	*	*	*	*	*
Automatic Oil Drain	*	*	*	*	*	*	*	*	*
Automatic Air Purge	*	*	*	*	*	*	*	*	*
ECO LOCK® Quick Couplers	*	*	*	●	●	●	●	COMING SOON	●
Included Database		●	●	●	●	●	*		*
On-board Integrated Thermal Printer	●	●	●	●	*	●	*	*	*
Remote Technical Support and Service	*	*	*				*		*
Integrated Hose Flushing (H and C models only)			*		*	*	*	*	*
External Hose Flushing	*								
Hybrid-Capable	*		*		*	*	*	*	*
5 CFM Vacuum Pump					*		*		*
1.5 CFM Vacuum Pump	*	*	*	*		*		*	
Shock-Mounted Load Cell				*	*	*	*	*	*
Integrated Identifier				●	●	●	*	*	*
Temp Probes with 20' Cables					*				
Factory-Installed Heater Belt					*				
Automatic Dye Injection		*							
50-lb Internal Cylinder					*		●		●
Filter Replacement Email Notification							*		*
Two Way Communication and Diagnostics							*		*
Print to Network Printer							*		*
Touch Screen		4.3"	4.3"				7"		7"
Wi-Fi and Bluetooth Enabled							*		*
Enterprise Data Mgmt/Reporting Functionality							●		●
Remote Monitoring Application							SP		SP

\* INCLUDED, ● OPTIONAL, SP SMARTPHONE

\*Coming soon



# KEEP IT CLEAN

ArcticPRO® ACF-3100 Air Conditioning Flush System cleans A/C system components by removing debris and dirt that can cause A/C system damage and failures.

Simple to operate, the ACF-3100 utilizes a closed-loop process which circulates flushing fluid for a thorough filtration of contaminants; uses shop air and can be operated unattended. The included universal adapter kit connects the ACF-3100 individually to the inlet and outlet ports of an A/C system component. Super Flush Pro fluid is available for safe, effective, and efficient flushing.



## Features

### CLEAN.

Special canister filter removes harmful vapors during flush process.

### EFFICIENT.

Closed-loop design for circulating flush fluid through system and filtering contaminants.

### EASY.

Completely automatic operation during flush process.

## ArcticPRO® Air Conditioning Flush System

**P/N 460 80004 00** ACF-3100 A/C Flush Machine without Adapters

**P/N 460 80005 00** ACF-3100 A/C Flush Machine with Universal Adapters

### Specifications

Air Supply 55-120 PSI

Dimensions (H x W x D) 39 in x 16.5 in x 27 in (99 cm x 42 cm x 68.5 cm)

New Fluid Pump 2 GPM, 7.57 LPM

Warranty 1 Year – parts & labor

Weight 120 lbs (54.43 kg)

# ArcticPRO®

# CHEMISTRY + INNOVATION = **HAPPY MOTORISTS**



**Offers your shop additional selling features of better fuel economy, longer tire life, and increased safety to motorists.**

**Models in this section:**  
NTF-515A

# PERFECT CHEMISTRY

NitroPRO® NTF-515A offers your shop additional selling features of better fuel economy, longer tire life, and increased safety to motorists.

## Features

### **FAST.**

Super-fast service times of seven (7) minutes for six (6) tires.

### **EASY.**

Automatic programmable operation with simultaneous fill for easy and fast operation.

### **CUSTOMIZABLE.**

Dual settings for either 95% or 98% Nitrogen purity.

### **BREAKTHROUGH TECHNOLOGY.**

Removes fine particulates & residual moisture to improve tire life.

### **TECHNICIAN-FRIENDLY.**

Highly visible LCD and analog gauge for increased technician optimization.

### **RELIABLE.**

Maintenance-free membrane technology for less downtime.



# NitroPRO®

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# How Nitrogen Works and What It Does

Nitrogen ( $N^2$ ) makes up the majority of the air that we breathe and is contained in the protein of all life on earth. It is colorless, tasteless, and non-toxic. The next most common component of air is oxygen ( $O^2$ ). Together,  $N^2$  and  $O^2$  make up approximately 99% of the air we breathe.

## **$N^2$ IS A LARGER MOLECULE THAN $O^2$**

Therefore, it cannot escape as easily as oxygen through porous material such as a rubber tire wall. Leaking at a much slower rate than oxygen, a tire filled with a higher percentage of  $N^2$  maintains its proper pressure roughly three to four times longer than air-filled tires. Proper inflation provides better fuel economy, superior handling, longer tire life, and increased safety by reducing the likelihood of low pressure related loss of control, blowouts and other tire failures.

## **$N^2$ IS A DRY, INERT GAS**

$O^2$  in a tire provides unwanted oxidation. Over time, this reaction destroys the tire carcass and corrodes wheels. A tire is prematurely aged by  $O^2$  from the inside-out as the pressurized air in the tire makes the  $O^2$  try to escape through the tire carcass, speeding up the damaging oxidation process.  $N^2$  on the other hand, is a harmless inert gas that does not react negatively with tires and wheels.  $N^2$  filled tires also reduce tire heat, thereby decreasing rolling resistance and increasing fuel economy.

## **$N^2$ IS NON-FLAMMABLE**

$O^2$  is a flammable gas while  $N^2$  is an extinguishing gas. Thus, a large number of mass transportation companies around the world fill their tires with  $N^2$  for added fire and explosion safety. In a vehicle fire, ruptured air-filled tires fuel the fire.  $N^2$  filled tires slow the fire.

## **NITROGEN-INFLATED TIRES ARE SAFER AND LAST LONGER THAN TIRES INFLATED WITH AIR**

- Nitrogen-inflated tires do not age as quickly as air-inflated tires
- Nitrogen-inflated tires minimize blowouts
- Nitrogen-inflated tires improve vehicle handling through proper inflation and consistently maintained pressure
- Nitrogen is an inert, non-combustible and non-flammable gas
- Nitrogen is a stable gas providing more constant pressure
- Nitrogen is a dry gas with no corrosive properties as found in compressed air

## NitroPRO® Nitrogen Tire Inflation System

**P/N 460 80029 00** NTF-515A – Portable Nitrogen Tire Inflation System

### Specifications

Accuracy +/- 1psi (6.9 kPA) (0.06 bar)

Air Supply 100 to 150 psi (6.9 to 10.3 bar) required 13.3 CFM required

Dimensions (H x W x D) 49 in x 20 in x 22 in (125 cm x 51 cm x 56 cm)

Display Increments 1 psi (0.06 bar)

Hoses Green ¼ inch air hose: Two 24 ft. (7.3 m), Two 12 ft. (3.7 m) working length hose

Nitrogen Purity Level Adjustable, 95% or 98% (from membrane)

Power Source Rechargeable battery\*

Service Time/ Vehicle 5 minutes average (for average tire size 225/60/r15)

Storage Tank Capacity 15 gal (56.8 liter)

Tires Per Hour 47 tires (maximum tires per hour including tank refill)

Warranty Membrane: 5 Years-parts/1 year-labor; Basic Unit: 1 Year-parts & labor; Wear Items: 90 days

Weight 238 lbs. (108 kg)

*\*Operates auto-fill, 110-220 VAC 50/60 HZ power required for re-charge. Includes low battery charge indicator. Includes process labeling, microprocessor w/ 4 push buttons & LCD display*

# MAXIMUM EFFICIENCY DELIVERED AUTOMATICALLY



**A full line of fluid exchange systems designed to extract used or contaminated fluids with no messy cleanup.**

**Models in this section:**

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# AUTOMATIC MADE EASY

FluidPRO® ATX-3 Automatic Transmission Fluid Exchange System offers precise and accurate fluid measurement with minimal technician input to maximize efficiency. Designed for ease of operation, the ATX-3 provides fully automatic operation for automotive fluid exchange servicing.

## Features

### ADAPTABLE.

'Dipstick' or 'Cooler' mode selector, start engine indicator (ATX-3 only).

### ELECTRONIC DIODE ILLUMINATED KEYPAD.

Fluid flow direction indicator verifies correct hook-up.

### TRANSMISSION DIAGNOSTIC PRESSURE GAUGE.

For a more effective exchange process.

### NEW AND USED FLUID SIGHT GLASSES.

Improve service accuracy.

### AUTOMATIC FLUID LEVEL ADJUSTMENT.

+/- ½ quarts.

### DIGITAL WEIGHT SCALE.

Technology for accurate fluid exchange.

### PATENTED BYPASS CIRCUIT.

Increased safety for vehicle protection.

### FAST.

Full exchange service times of 2 to 5 minutes and 8 to 14 minutes in 'Dipstick' mode.



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## FluidPRO® ATX+Boost Automotive Fluid Exchange Systems

**P/N 400 80008 00** ATX-2+Boost Auto Transmission Fluid Exchanger w/ Boost Pump

**P/N 400 80009 00** ATX-3+Boost w/ Dipstick Tube-Cooler Line Option

**P/N 415 80014 00** ATX-2+Boost Combo ATF Exchanger w/ PSX-3

**P/N 415 80019 00** ATX-3+Boost Combo ATF Exchanger w/ PSX-3

### Specifications

Adapters Cooler line connection. Valved couplers for minimum spill. Standard adapters for Ford, GM, Chrysler, & Universal (most Asian).

Controls Microprocessor with digital keypad & light emitting diode

Dimensions (H x W x D) 45 in x 28 in x 26.5 in (112 cm x 70 cm x 67 cm)

Fluid Tanks / Types 26 quarts (24.6 liters) each for both new & used fluids / Multiple fluid capability

Hoses 10 ft. (3 m) black & red (exchange); 8 ft. (2.5 m) black (empty used tank) ATX-3+Boost also includes 5 ft. (1.5 m) clear, attached to 8 ft. (2.5 m) lack hose for dipstick mode.

New Fluid Pump Positive displacement gear pump, 4 quarts (3.8 liters) per minute/includes diaphragm pump, 7.2 quarts (6.84 liters) per min. Diaphragm pump increases fluid suction rate in low-flow/temperature controlled transmission in both ATX-2+Boost & ATX-3+Boost units.

Operating Range Cooler Mode: 32° to 122°F (0° to 50°C) Dipstick Mode: 42° to 122°F (5.5° to 50°C)

Power Source 12 VDC - 10 Amp

Process Time 3 to 6 minutes average full exchange. Dipstick Mode is available on the ATX-3+Boost with 8 to 14 minutes\* average full exchange

Scale Accuracy ±0.03% over usable range

Warranty 1 Year-parts & labor

Weight ATX-2+Boost: 242 lbs. (110 kg) / ATX-3+Boost: 244 lbs. (111 kg)

*\*\*Based on 12 quart exchange*

### DISTINGUISHING FEATURE COMPARISON

	ATX-2+BOOST	ATX-2+BOOST Combo	ATX-3+BOOST	ATX-3+BOOST Combo
Dipstick or Cooler Mode Selector Exchange	N/A	N/A	*	*
Dipstick Process Time	N/A	N/A	8-14 mins	8-14 mins
PSX-3 Mounted on Rear	N/A	*	N/A	*

**\* INCLUDED**

# MULTI-COOLANT EXCHANGE THAT MULTIPLIES RESULTS

FluidPRO® MCX-2 Multi-Coolant Fluid Exchange System provides the convenience of having one machine for multiple coolants, providing simple, rapid switching from one coolant type to another. MAHLE Service Solutions offers a range of choices in fluid exchange equipment; with the added feature of multiple tanks, the FluidPRO® MCX-2 provides versatility when switching from one coolant to another, allowing faster service times of three minutes. MCX-2HD provides the required features for heavy duty style servicing.

## Features

### VERSATILE.

Compatible with all coolant types for adaptability.

### EFFECTIVE.

Contains two 7.5 gal new coolant tanks and one 15 gallon waste tank provides simple, rapid switching from one coolant to another.

### AUTOMATIC PUMP SHUT-OFF.

Allows technicians to multi-task.

### DRIP-PROOF TANK CONNECTORS.

Easy to disconnect and eliminate waste.

### FAST.

Service times of 3 minutes for increased productivity.

### VISIBLE FLUID LEVEL INDICATORS.

Aid in service accuracy.

### EASY TO READ GAUGES.

Monitor system pressure and vacuum for increased safety.

### CONVENIENT.

Powered by vehicle's battery.



## FluidPRO® MCX-2 Multi-Coolant Exchange Systems

**P/N 470 80030 00** MCX-2 Multi-Coolant Exchanger w/ Pressure Test Feature

**P/N 470 80031 00** MCX-2F Multi-Coolant Exchanger, MCX-2 w/ Flush By-Pass

**P/N 470 80032 00** MCX-2HD MCX-2 with HD Truck Adapter Set, 15 gallon Tanks

### Specifications

Adapters Step Adapters: Universal; 2 sets; 1-1/4 in to 1-3/4 in range (3.2 cm to 4.4 cm) diameter (MCX-2HD contains additional step adapters) / Hose Adapters: Universal; 2 hoses, 1-1/4 in to 1-3/8 in (3.2 cm to 3.5 cm) and 1-1/2 in to 1-3/4 in. (3.8 cm to 4.4 cm) diameter (MCX-2HD contains additional adapter hoses)

Coolant Exchange 92 to 98% single pass, average exchange for most vehicles

Dimensions (H x W x D) 45 in x 38 in x 22.5 in (114 cm x 97 cm x 57 cm)

Hoses 10 ft. (3 m) black & red (exchange); 8 ft. (2.5 m) black (empty used tank) ATX-3+Boost also includes 5 ft. (1.5 m) clear, attached to 8 ft. (2.5 m) lack hose for dipstick mode

Fluid Tanks / Types Contains two 7.5 gal new coolant tanks; integrated output tube w/ debris filter screen and check valve; MCX-2HD contains two 15 gal (57 liter) new coolant tanks and one 15 gal waste coolant tank; integrated input/output tube; w/ automatic empty fluid level sensor

Hoses 3/8 in (9.5 mm); quick connect/disconnect (brass; chrome sleeve; silicone sealed)

Operating Range 32° to 122°F (0° to 50°C)

Power Source 12 VDC - 15 Amp

Pressure Switch 6 to 12 psi (0.4 to 0.8 bar); protects vehicle cooling systems from high pressure

Process Time Less than 3 minutes average full exchange

Pumps 2 gal. (7.9 liter) per minute Fill: Diaphragm Type / Drain: Impeller Type

Warranty 1 Year-parts & labor

Weight 170 lbs. (77 kg)



# SEEING IS BELIEVING

FluidPRO® VCX Vacuum Coolant Exchange Systems offer the visual appeal that helps your shop sell the importance of a clean coolant system; with large capacity cylinders designed for high-demand applications, coolant selection and changeover is easy for flexible adaptation of most vehicles. The FluidPRO® VCX series includes a Venturi vacuum generator that yields fast service times of 5-15 minutes – increasing customer satisfaction. Customers will believe in the value of maintaining a clean coolant system through the transparent cylinders that expose precipitants and corrosion products.

## Features

### EFFECTIVE.

Transparent, large capacity cylinders – separating new coolant and waste.

### COLOR-CODED FUNCTION VALVE.

For easy control and operation.

### ADAPTABLE.

Easy coolant selection/changeover for flexible adaptation of most vehicles.

### FAST.

Service cycles of 5-15 minutes for increased productivity.

### VACUUM GAUGE.

For complete exchange efficiency.

### PRESSURE RELIEF VALVE.

Located on waste fluid cylinder for increased safety.

### NO-LEAK END CAP DESIGN.

Reduces coolant waste.

### CONVENIENT.

Powered by shop air.



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## FluidPRO® VCX Vacuum Coolant Exchange Systems

**P/N 470 80019 00** VCX-1 Vacuum Coolant Exchanger, Two Tube Design

**P/N 470 80020 00** VCX-4 Vacuum Coolant Exchanger, Four Tube Design

### Specifications

Adapters 2 Cone plugs; 8 in (20 cm) hose adapter

Controls Ball valves w/ color-match system

Coolant Cylinders 20 quart (18.9 liter) each

Dimensions (H x W x D) 63 in x 28 in x 22.5 in (160 cm x 71 cm x 57 cm) (VCX-1) / 63 in x 28 in x 29 in (160 cm x 71 cm x 74 cm) (VCX-4)

Fluid Tanks / Types Any coolant type (Fast easy changeover)

Hoses Clear, wire reinforced 10 ft. (3 m)

New Fluid Pump Venturi vacuum generator; 28 inHg (0.95 bar) maximum

Power Source Shop air, 55 to 110 psi (3.8 to 7.6 bar)

Process Time 5 to 15 minutes average

Warranty 1 Year-parts & labor

Weight VCX-1: 166 lb. (75 kg) / VCX-4: 200 lb. (91 kg)

### FEATURE COMPARISON

	MCX	VCX
Coolant exchange process type	Simultaneously exchange old coolant with new	Two step process: vacuum coolant from system then refill with new
Exchange time	Approximately 3 minutes	Approximately 10 minutes
Exchange efficiency	92-98% (depending on vehicle)	50-70% (depending on vehicle)
Testing capability	Pressurized leak test	None
Input requirements	90-120 psi compressed air for system testing; 12v DC for exchange	90-120 psi compressed air
Ability to switch to different coolant type	Very easy with drip proof swapping of new fluid containers	Very easy - Control panel
Safety features	Overflow pressure release for hot service	Pressure relief valve
Models	MCX-2, MCX-2HD, MCX-2F	VCX-1, VCX-4
Vehicle service connection	Cooler hoses or pressurized reservoir	Radiator cap or pressurized reservoir

# LET PRODUCTIVITY TAKE THE WHEEL

FluidPRO® Power Steering Fluid Exchange Systems are the answer for providing multiple power steering fluid exchanges under one roof. Quick and easy changeover between different power steering fluid types of the PSX-3 allows for improved technician productivity. The FluidPRO PSX-3 is engineered for easy service hook-up and simple operation; just flip a switch and begin extracting or adding fluid. The added feature of the dual pump results in fast service times of 5-15 minutes, while the compact design takes up less floor space.

## Features

### **VERSATILE.**

Multiple power steering fluid capability for increased compatibility.

### **AUTOMATIC OPERATION.**

Boosts technician efficiency.

### **DUAL-PROCESS HOSES.**

Provides visual insight to new vs. used fluid.

### **DUAL DIAPHRAGM-TYPE PUMPS.**

Yields service times of 5-15 minutes.

### **EFFECTIVE.**

Equipped with 1 gallon new and 1 gallon used fluid tanks for complete servicing.

### **COMPACT CART.**

Designed to occupy less floor space.

### **CONVENIENT.**

Also available with ATX+Boost mount for providing automatic transmission fluid and power steering fluid exchange services at the same time.



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## FluidPRO® PSX-3 Power Fluid Exchange Systems

**P/N 415 80012 00** PSX-3 Power Steering Fluid Exchanger with Mobile Cart

**P/N 415 80015 00** PSX-3A Power Steering Fluid Exchanger-ATX Add-On, No Cart

### Specifications

Casters 360° swivel; locking

Dimensions (H x W x D) 45 in x 22 in x 21 in (113 cm x 55 cm x 53 cm)

Fluid Tank Capacities 1 gal (3.79 liter) clear PVC

Fluid Types Multiple power steering fluid capability (75-90W through 85-140W)

Hoses 3/8 in (0.95 cm) clear PVC

New/Used Fluid Pumps Diaphragm type, 1 gallon (3.79 liter) per minute

Operating Range 32° to 122°F (0° to 50°C)

Power Source 12 VDC - 4 Amp

Process Time 5 to 15 minutes average

Warranty 1 Year—parts & labor

Weight 48 lb. (22 kg)



# MAXIMIZING PRODUCTIVITY IN SMALL SPACES

The FluidPRO® DFX-1 Differential Fluid Exchange System is the complete answer for differential fluid exchange when delivering superior service means working in tight spaces. Designed for fully-automatic operation with minimal technician input to maximize efficiency, the DFX-1 is engineered for easy service hook-up and simple operation; just flip a switch and begin extracting or adding fluid. The added feature of the dual pump results in fast service times of 10-15 minutes – helping to get your drivers back on the road safely – while the compact design takes up less floor space.

## Features

### **ADAPTABLE.**

Serves all gear oils including synthetic for increased compatibility.

### **AUTOMATIC OPERATION.**

Providing improved technician efficiency.

### **VALVED-HOSE ENDS.**

Prevents fluid spill and ensures clean operation.

### **DUAL DIAPHRAGM-TYPE PUMP.**

Moves heavy oil for speedy service times of 5-15 minutes.

### **EFFECTIVE.**

Equipped with 1 gallon new and 1 gallon used fluid tanks for complete servicing.

### **COMPACT CART.**

Occupies less floor space.



## FluidPRO® DFX-1 Differential Fluid Exchange System

**P/N 445 80001 00** DFX-1 Differential Fluid Exchanger

### Specifications

Casters 360° swivel; locking

Dimensions (H x W x D) 45 in x 22 in x 21 in (113 cm x 55 cm x 53 cm)

Fluid Tank Capacities 1 gal (3.79 liter) clear PVC

Fluid Types All gear oils including synthetic

Hoses 3/8 in (0.95 cm) clear PVC; 9.5 ft. (3 m) long

New/Used Fluid Pumps Diaphragm type, 1 gallon (3.79 liter) per minute

Power Source 12 VAC - 0.7 Amp

Process Time 10 to 15 minutes average

Warranty 1 Year—parts & labor

Weight 54 lbs. (25 kg)

# DON'T HIT THE BRAKES ON PRODUCTIVITY

FluidPRO® BFX-3 Brake Flush System delivers complete brake fluid exchange in a simple, three-step process, unlike most competitive models; the automatic push/pull process is completed in three easy steps in less than 10 minutes, allowing maximum productivity. Compatible with both ABS & non-ABS brake systems, the BFX-3 is easy to operate with service times of 10 minutes and includes a variety of universal adapters designed to fit master cylinders of many vehicles, enhancing your shop's service offering. Choose the brake flush system that accelerates your productivity.

## Features

### VERSATILE.

Compatible with both ABS & non-ABS brake systems for increased utility.

### PISTOL WAND.

Provides convenience and accurate fill.

### AUTOMATED PUSH/PULL PROCESS.

Allows technicians to multi-task.

### EASY.

Hook-up with three-step process for simple servicing.

### FAST.

Complete service in less than 10 minutes for improved customer satisfaction.

### PRESSURE GAUGE.

Assists in brake system diagnosis.

### LCD DISPLAY.

Indicates when new fluid cylinder is empty and used fluid tank is full.

### ADAPTABLE.

Universal adapters designed to fit many makes and models of vehicles, enhancing service offerings.



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## FluidPRO® BFX-3 Brake Flush System

**P/N 425 80009 00** BFX-3 Brake Flush System for Vehicles Requiring Higher Pressure

**P/N 325 80001 00** BFX Complete Adapter Kit

### Specifications

Adapters Contains universal adapters for master cylinders

Vacuum pump Diaphragm 1.6 gal (6 liter) per minute

Fill pump Diaphragm 1.4 gal (5.3 liter) per minute

Fluid Tanks / Types 5 gal (19 liter) Used, 1 gal (3.8 liter) New; DOT 3 & DOT 4 brake fluid

Dimensions (H x W x D) 49 in x 20 in x 22 in 125 cm x 41 cm x 56 cm

Hoses Drain Hose - Black EPDM 1/4 in (0.6 cm), 12 ft. (3.7 m) long; Fill Hose - Black EPDM 1/4 in (0.6 cm), 12 ft. (3.7 m) long; Vacuum Hoses - Black EPDM 3/16 in (0.5 cm) with 90° rubber connectors; 20 ft. (6 m) rear (Qty 2) and 12 ft. (3.7 m) front (Qty 2)

Power Source 12 VDC - 10 Amp

Warranty 1 Year-parts & labor

Weight 54 lbs. (25 kg)



# CLEAN DIESELS ARE HAPPY DIESELS

FluidPRO® DCS-1 Diesel Cleaning Systems are designed to efficiently and effectively remove deposits from the combustion area and restore diesel engine performance and fuel economy, providing additional service offerings for your shop to include diesel engines. Engineered with features such as fill assist, quick disconnect fittings, and automated controls, the DCS-1 is easy to use. And for heavy duty applications, the DCS-1 is available with a heavy-duty truck adapter kit.

## Features

### OPERATIONAL CONTROLS.

Precise fluid and air management eliminates solution waste and shortens operation cycle time.

### QUICK DISCONNECT FITTINGS.

Provided at all air and fluid connections for fast, easy operation.

### ROBUST CONSTRUCTION.

Compact, impact-resistant cabinet for greater protection in shop environments.

### FILL LEVEL.

Translucent reservoir provides visual fluid level check to prevent accidental fuel system starvation.

### SIMPLE OPERATION.

Cleaner is gravity and pressure fed into diesel fuel system.



## FluidPRO® DCS-1 Diesel Cleaning Systems

**P/N 410 80002 00** DCS-1 Diesel Cleaning System

**P/N 410 80003 00** DCS-1HD Diesel Cleaning System for Heavy Duty Applications

### Specifications

Adapters Domestic/Import automobile basic adapter kit included

Alarm Type Red light indicator, audible buzzer

Cabinet Impact and corrosion resistant composite

Cleaning Fluid Capacity 1 qt., 8 oz. (1.0 liter)

Compatible Cleaning Fluids Diesel fuel system cleaner

Dimensions (H x W x D) 19 in x 13 in x 5 in (48 cm x 33 cm x 13 cm)

Hoses Includes two (2) 9 ft. color coded supply and return hoses; one (1) fuel tank bypass hose

Inlet Pressure Range 0 psi to 50 psi maximum

Power Source 3.0 VDC, requires two (2) AA batteries for power; batteries included

Pressure control 0 psi to 50 psi manual regulator

Pressure Source Compressed air or Nitrogen

Warranty 1 Year-parts & labor

Weight 23 lbs. (10kg)

# BREATHE EASIER

The FluidPRO® EV-1 Exhaust Ventilation System provides a safer and healthier work environment in your facility and gets the job done with a 0.75 HP motor for high-flow positive pressure ventilation. The EV-1 includes features such as a heat-resistant hose and corrosion-resistant fan that are durable for daily use. A dual exhaust adapter kit is also available which has crush resistant hoses.

## Features

### PORTABILITY.

Compact design with locking casters is practical for use in your shop.

### POWERFUL MOTOR.

Allows thorough ventilation with 0.75 HP.

### QUIET OPERATION.

Low noise rating for a more pleasant working experience.

### HEAT-RESISTANT HOSE.

Built for durability and longevity.

### SPRING-LOADED.

Easy to adjust the height.



## FluidPRO® Exhaust Ventilation System

**P/N 435 80001 00** EV-1 Exhaust Ventilation System

### Specifications

A-Weighted Surface Noise Rating Corrected LpAm = 73 dB(A)

Flow Capacity 270 CFM (460 CMH)

Fuses Qty. (2); 16 Amp time delayed; 0.39 in x 1.49 in (10 mm x 38 mm)

Hose 40 ft. (12 m) long; 5 in (12.7 cm) diameter

Motor 110 VAC 0.75 HP

Power Source Minimum 6 Amp

Operating Ranges 23° - 120°F (-5° - 49°C)

Warranty 1 Year-Parts & labor

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# ACCESSORIZE YOUR PRODUCTIVITY



**Find your accessories on the following pages.**

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P/N	DESCRIPTION
<b>ArcticPRO</b>	
<b>A/C Accessories</b>	
360 82938 00	A/C Database - Pass Car/Light Truck, MY2013 & Earlier
360 82934 00	Heater Belt Assembly, Factory Installed
465 80061 00	Productivity Package (TechAlert, A/C database, & 3 Year Warranty Ext.)
360 82176 00	RHS980/H 3-Year Extended Warranty (Individual Price)
026 80573 00	Cover, fits RHS980
561 80101 00	RHS980 Set-Up & Training DVD w/case
026 80092 00	Heater Belt 120 Volt, plug-in style, fits 30 lb. - 50 lb. cylinders
360 82905 00	Heater Belt Field Install Kit - Easy plug & play installation
360 82952 00	Cover, fits RHS1280 and ACSafe 10
360 82734 00	Calibration Kit, Load Cell, 4kg calibration weight
360 82740 00	Service Kit, vacuum pump oil, o-rings, in-line filter, ID filter, for ACX1280
360 82744 00	Calibration Check Ball
360 82477 00	Kit Conversion RHS980 to RHS980H
360 82446 00	RHS980C 3-Year Extended Warranty
360 83014 00	Cover, fits ACX1180 and ACX1280
026 80697 00	Cover Dust
<b>A/C System Oil</b>	
360 82928 00	Oil Drain Bottle Assembly 8 oz, 1/4" flare female, 90 deg. RHS730/780/2780
360 82929 00	Oil Charge Bottle Assembly 8 oz, 1/4" flare female, 90 deg. RHS730/780/2780
026 80550 00	PAG Oil Cartridge, 8 oz., 100 viscosity (used w/ Big EZ)
026 80551 00	POE Oil Cartridge, 8 oz., 100 viscosity (used w/ Big EZ)
360 82641 00	Oil Injection Kit includes oil, gun, R134a hose w/ coupling
011 80057 00	PAG 46, 8 oz. oil cartridge
011 80058 00	PAG 100, 8 oz. oil cartridge
011 80059 00	PAG 150, 8 oz. oil cartridge
011 80060 00	UView Universal Ester 8 oz. oil cartridge
011 80061 00	UView POE (Hybrid) 4 oz. oil cartridge
026 80179 03	SpotGun Injection Gun
026 80179 07	R134a Hose with Coupling for SpotGun
360 82735 00	Calibration Weight Oil Bottles, 1 kg calibration
360 82741 00	Replacement Used Oil Bottle, ACX1280
360 82946 00	Replacement Vacuum Pump Oil, 1 Quart, R1234yf
011 80017 00	PAG Oil 150, 8 oz.
011 80018 00	Mineral Oil SUS-500 Quart
011 80019 00	Oil Ford YA-9 Quart
026 80208 01	Oil Charge Bottle Only
026 80556 00	POE Oil Charging Hose Assembly
026 80557 00	PAG Oil Charging Hose Assembly
026 80672 00	Oil Charge Bottle Only
026 80673 00	Oil Drain Bottle Only
028 80002 01	Oil Syringe, Add Oil to Machine Compressors or A/C Components, 2 oz.
360 80171 00	Compressor Oil, 3GS 1 Quart, for Americold Compressors

P/N	DESCRIPTION
<b>ArcticPRO</b>	
<b>A/C System Oil Contiued</b>	
360 80773 00	In-Line Oil Injection Assembly, Machine Use, R12 w/o Inline Filters
360 80774 00	In-Line Oil Injection Assembly, Machine Use, R134a w/o Inline Filters
360 81336 00	Oil Kit (6 Separate Oils - 27 containers)
360 82481 00	Deluxe RHS980H/RHS980C Manual Oil Injector Kit
360 82742 00	Replacement New Oil Bottle, ACX1280
360 82874 00	Oil Charge Bottle Assembly, RHS980, ACX1180
360 82875 00	Oil Drain Bottle Assembly, RHS980, ACX1180
026 80698 00	Bottle Oil Charge
026 80699 00	Bottle Oil Drain
<b>A/C Couplers</b>	
023 80095 00	Red High Side Service Coupler for all R134a machines & gauge sets
023 80096 00	Blue Low Side Service Coupler for all R134a machines & gauge sets
360 80672 00	O-Ring Repair Set for R134a Service Couplers
360 82950 00	Replacement Service Coupler, HP, R1234yf
360 82951 00	Replacement Service Coupler, LP, R1234yf
360 82960 00	Replacement TKR Coupler, HP, R1234yf
360 82961 00	Replacement TKR Coupler, LP, R1234yf
360 82640 00	Coupler Replacement Kit, ID LS R1234yf
023 80464 00	Coupling Low Side R134a
023 80463 00	Coupling High Side R134a
<b>A/C Cylinders</b>	
360 80301 00	Cylinder, DOT, 30 lb, R134a, without Overfill Protection
360 80332 00	Cylinder, DOT, 30 lb, R134a, with Overfill Protection
023 80147 00	Tank Adapter, 1/2" Acme Female x Low Side R134a
023 80429 00	Tank Adapter, Low EU, W21.8
026 80026 00	Cylinder, 30 lb, 3/4 FPT - Flare
026 80101 00	Cylinder, 50 lb, 3/4 FPT
360 80000 00	Cylinder, 50 lb, 1/2 Acme Valve
360 80128 00	Cylinder , DOT, 30 lb, R12, without Overfill Protection
360 80310 00	Cylinder, DOT, 30 lb, R12, with Overfill Protection
360 81428 00	Cylinder, 30 lb, with 1/4 MFL
360 82697 00	Cylinder Adapter R1234yf
<b>A/C Filters</b>	
026 80044 00	Filter, For RRC750/760
026 80253 00	Filter, ACF-3100 & ESX-2
026 80299 00	Filter Coalescing, ACF-3100
026 80301 00	Filter Charcoal, ACF-3100
026 80128 00	Filter, ID1000 and ID2000 Refrigerant Identifiers
026 80069 00	Filter, High Side for 1996-2006 Model A/C Machines
026 80077 00	Filter, Low Side for 1996-2006 Model A/C Machines
360 81618 00	In-line Micron Filter for A/C Machines, Qty. 10
360 82133 00	Filter Kit for ACX1180, ACX1185, and RHS980

P/N	DESCRIPTION
<b>ArcticPRO</b>	
<b>A/C Filters Continued</b>	
026 80002 00	Filter, Acid, Older 750, 750X, 751, 760 Units
026 80089 00	Filter, EDF1, External Disposable Filter, TX200 and MaxiFlex Units
026 80240 00	In-Line Filter Assembly Complete, 1/4" MFL x 1/8" MPT
026 80241 00	In-Line Filter Assembly Complete, 1/2" ACME F x 1/8" MPT
026 80242 00	In-Line Filter Assembly Complete, 1/4" FFL x 1/4" MFL
360 82029 00	Maintenance Kit for RHS780/RHS730V Machines
360 82031 00	Maintenance Kit for RHS730E Machines
360 82032 00	Maintenance Kit for RHS680
360 82739 00	Replacement Combo Filter for ACX1280 and ACX1285
026 80300 00	Filter Replacement Element for 026 80299 00
026 80302 00	Filter Replacement Element for 026 80301 00
026 80480 02	Filter/Hose Replacement EID ID
026 80648 00	Filter ACF-3100, Pre-Coalescing
305 80033 00	Charcoal Filter Kit w/Pre Filter
305 80035 00	Filter Kit, ACF, 4 Filters and 1 MAHLE Coalescing Filter, for ACF-3100
305 80036 00	Filter Kit, 4 Filters and 1 Coalescing Filter, for some flush units
360 82175 00	Preventative Maintenance Kit, RHS980
026 80696 00	Filter Drier
024 80206 00	Filter Power 15A
<b>A/C Hoses</b>	
360 82096 00	Replacement R12 Hose Gaskets (quantity 10)
360 82097 00	Replacement R134a Hose Gaskets (quantity 10)
360 80471 00	Hose, Red, R12, 11' w/Ball Valve
360 80472 00	Hose, Blue, R12, 11' w/Ball Valve
360 80359 00	Replacement R-12 Hose Gaskets & Core Depressor Kit
028 80036 04	9 ft. Blue Hose, R134a, Replacement for RHS980 Series
028 80035 04	9 ft. Red Hose, R134a, Replacement for RHS980 Series
028 80036 02	11 ft. Blue Hose R134a
028 80035 02	11 ft. Red Hose R134a
028 80036 05	15 ft. Blue Hose R134a
028 80035 05	15 ft. Red Hose R134a
028 80036 03	20 ft. Blue Hose R134a
028 80035 03	20 ft. Red Hose R134a
360 80464 03	30" Yellow Hose R134a, Anti-Blowback x 1/2" ACME, Quick Fill Setup
360 82948 00	Replacement Service Hose Kit, HP, R1234yf
360 82949 00	Replacement Service Hose Kit, LP, R1234yf
360 80166 00	Yellow Hose R134a, 8' w/Ball Valve, 1/2" ACME F x 1/2" ACME F
360 80182 00	Hose Extension Set, R12 Red & Blue 6" w/Ball Valve
360 80223 00	Yellow Hose R12, 8' w/Ball Valve
360 80226 01	40" Yellow Hose R12, Order With 210720 Fitting for Quick Fill Setup
360 80335 00	Yellow Hose R12, 6" w/Ball Valve
360 80463 01	19" Yellow Hose R12, Refrigerant Transfer, 1/4" FFL x 1/4" FFL

P/N	DESCRIPTION
<b>ArcticPRO</b>	
<b>A/C Hoses Continued</b>	
360 80464 01	19" Yellow Hose R134a, Refrigerant Transfer, 1/2" ACME x 1/2" ACME
360 82398 00	Kit, Gasket, Mastercool Hose
360 82565 00	Kit R-134a, 9' Hoses, Couplers, Oil Drain Btl, Flush Adptr, .5" Acme Ftg
028 80532 00	Hose Red R134a
028 80533 00	Hose Blue R134a
<b>Printers</b>	
028 80136 00	ID1000 Printer Paper
360 82181 00	RHS980/RHS980H Printer - Factory Install
360 82182 00	RHS980/RHS980H Printer - Field Install
360 82218 00	Printer Paper RHS980 Series - 5 Rolls
360 82947 00	Replacement Printer Paper, for ACX1280
360 83107 00	Clima ACX Printer Kit
360 83110 00	Kit Printer Paper Thermal 5pk
<b>Refrigerant Identifiers</b>	
026 80643 00	Mini-ID Refrigerant Identifier, R134a Only, Go/No-Go
460 80253 00	ID1000 Pro Refrigerant Identifier, Dual Gas, Built-in Printer
460 80253 01	ID1000 Pro Refrigerant Identifier, Dual Gas, No Printer
360 82157 00	ID1000/ID1000 Pro Battery Charger
360 82179 00	RHS980 Series Refrigerant Identifier - Factory Install
360 82180 00	RHS980 Series Refrigerant Identifier - Field Install
360 82748 00	External Refrigerant Identifier, R1234yf, no printer
<b>Refrigerant Leak Detection</b>	
360 81813 00	Elite UV Kit, Cordless Light, Refillable Injector, 4 oz. Dye, Glasses, Case
026 80635 00	LD-2 Electronic Leak Detector w/ UV Light, R12/R134a/R1234yf
360 81733 00	Sealant Quick Detect Kit
026 80309 00	Sensor Plugs for Sealant Detector, 25 pack
026 80179 01	A/C Dye Cartridge 8 oz., 32 applications
011 80028 00	Dye A/C Universal (6) 1 oz. bottles
011 80029 00	Dye A/C Universal (4) 4 oz. bottles
026 80179 00	UV Leak Kit, 12 Volt Light, Injector, Glasses, 8 oz. Dye
026 80179 02	Dye Cleaner, 32 oz. Bottle
026 80179 04	Dye Enhancing Glasses
026 80179 05	R12 Dye Adapter
026 80179 10	Decals, 'Dye Installed' All Dye Types, 32 Pk.
026 80179 11	UV Light and Dye Enhancing Glasses
026 80179 12	Bulb for 12 Volt UV Light, Fits Most 12 Volt Lights
026 80320 00	Electronic Leak Detector, Premium R12/R134a, Model LD-1
026 80552 00	Universal Dye Cartridge, 8 oz (used w/ 360 82478 00)
026 80553 00	Pump Spray Dye Cleaner, 8 oz. Bottle
026 80554 00	Injector Assembly, R134a
026 80555 00	Dye Charging Hose Assembly
026 80660 00	LD-2 Replacement Parts Kit



# 48 | ACCESSORIES (Category Listing)

P/N	DESCRIPTION
<b>ArcticPRO</b>	
<b>Refrigerant Leak Detection Continued</b>	
360 81752 00	Refillable Dye/Oil Injector, R12/134a, 2 oz. Capacity w/4 oz. Dye
360 81815 00	Sensor, For Leak Detectors 214100, LD-1, 3 Pk.
360 81816 00	UV Light, Rechargeable, Cordless, 12 Volt, with Storage Case, Glasses
360 82478 00	Dye Injector Kit (requires 360 82469 00)
360 82676 00	Replacement Leak Detector Kit R1234yf
<b>Vacuum Pumps &amp; Accessories</b>	
360 81488 00	Vacuum Pump - 7 CFM
360 80844 00	Vacuum Pump Adapter - 1/4 Flare Female x 1/2 Acme Male
011 80004 00	Vacuum Pump Oil, 1 Quart (obsolete P/N - use 011 80070 00 below)
011 80070 00	Vacuum Pump Oil, 1 Quart, for vacuum pumps on any MAHLE A/C unit
360 80012 00	Vacuum Pump Oil, Case (12 Quarts)
026 80363 00	Vacuum Pump - 2.5 CFM, Twin Port Design
026 80700 00	Pump Vacuum VE215
<b>A/C Flushing</b>	
011 80026 00	Super Flush PRO Four (4) 1 Gallon jugs
305 80032 00	Universal Flush Adapter Kit (included with ACF-3100 Machine)
011 80020 00	Retrofit Kit with Flush - 1 Car
011 80023 09	Flush, Use RTI Flush Gun or Similar (9) - 1 Quart Bottles
360 81335 00	Retrofit Kit with Flush - 18 Cars
360 82395 00	Flush Adapter Kit, 2788H
360 82543 00	Flush Adapter Replacement Kit, 2788
360 82746 00	Flush Adapter Replacement Kit, HP
<b>A/C Adapters</b>	
360 82953 00	Adapter, External Tank, 1/2 LH acme
360 82954 00	Replacement High-Low Flush Adapter
026 80209 06	GM '91 High Side Adapter, R12
026 80042 00	R12 Adapter Kit, Basic
<b>A/C Tools</b>	
026 80047 00	Thermometer - Duct, -400 F to +1600 F
026 80062 00	Valve Core Tool - R12
026 80111 00	Electronic Weight Scale
026 80192 00	Valve Core Remover
026 80210 00	Orifice Tube Removal Tool Set
026 80211 00	Heat Gun - Deluxe
026 80213 00	Valve Core Tool - R134a
026 80214 00	R12 Service Port Thread Restore Tool
026 80215 00	R134a Service Port Reamer
026 80216 00	Ford Spring Lock Tool Kit
026 80217 00	Dual O'Ring Tool
026 80218 00	Fin Comb Tool, Six-Sided
026 80219 00	Sockets - Pinnacle - Set of 2
026 80348 00	Electronic Weight Scale, Capacity 175 lb., (80 KG)

P/N	DESCRIPTION
<b>ArcticPRO</b>	
<b>A/C Tools Continued</b>	
026 80373 00	Quick Disconnect Set (5 Piece)
360 81429 00	A/C Tool Kit
<b>A/C Supplies &amp; Consumables</b>	
011 80022 06	Evaporator Treatment - Replacement - Case of 6 Bottles, 6 Pk.
026 80221 00	System Guard Port Seals - 125 Vehicle, 250 Pk.
026 80223 00	Complete O'Ring Assortment, GM, Ford, Chrysler, Import and more
026 80223 01	Ford, Port Caps, O'rings, Valve Cores, Garter Springs, Box 1
026 80223 02	GM, O'Rings, Box 2
026 80223 03	Chrysler, Gaskets, Box 3
026 80223 04	Import, O'rings, Box 4
026 80223 05	Orifice Tubes and Retrofit Fittings, Box 5
360 81351 00	Evaporator Deodorizer Starter Kit, Does (6) vehicles, Equip. Included
<b>A/C Manifold Gauges</b>	
026 80059 00	Manifold Gauge Set R134a/F/PSI
360 81489 00	Manifold Gauge Set R12, 6 ft. R/Y/B Hose Set with Shut-Off Valves
360 81490 00	Manifold Gauge Set R134a, Brass, R/Y/B Hose Set & Couplers
360 81900 00	Manifold Gauge Set R134a, Aluminum, 6 ft. R/Y/B Hose Set & Couplers
360 82879 00	Manifold Gauge Set R1234yf PS
<b>NitroPRO</b>	
<b>NitroPRO Filters</b>	
355 80149 00	Filter Replacement Kit for NTF-515, 15 Plus and 60 Plus models.
355 80150 00	Carbon Bed Replacement Kit for NTF-515, 15 Plus and 60 Plus models.
355 80025 00	Filter Replacement Kit for NTF-230 models.
355 80062 00	Filter Replacement Kit for 5.1 CFM membrane
<b>NitroPRO Accessories</b>	
355 80022 00	Nitrogen Purity Tester
355 80235 00	Digital Fill Gun Digital display w/variable units of measure
355 80123 00	Dually Hose Fill Kit, adapts to (6) hose fill capability for NTF-515.
355 80204 00	Battery Rechargeable Pack + Power Cord, 110 - 120V for NTF-515/230
355 80101 00	Air Chuck Replacement Kit, Quantity 1
355 80106 00	Air Chuck Replacement Kit, Quantity 5
028 80365 00	Tire Deflators, Set of 4
023 80390 00	Chuck Air Clip On Valved 1/4 F
026 80620 00	Holder, NTO-200 Wall Mount w/screws
355 80049 00	Kit Hose Reel Green NTF
355 80070 00	Kit Regulator (NTF)
355 80156 00	Kit N2 Cap (qty. 500)
355 80157 00	Kit N2 Cap (qty. 1000)

P/N	DESCRIPTION
<b>FluidPRO</b>	
<b>ATX Accessories</b>	
300 80051 00	ATX Sight Glass Kit, Sight Glass Bowl, Filter, O'Ring (2 ea.)
300 80052 00	ATX By-Pass Adapter Hose
300 80061 00	ATX Flush Canister, In-Line Applications, 14 oz Capacity
300 80014 00	Adapter Hose, Straight, Connects Machine to Vehicle
300 80015 00	Adapter Hose, 90°, Connects Machine to Vehicle
000 80074 00	Push-Loc Tool Ford vehicles; for quick disconnect line removal
300 80076 00	ATX Dipstick Wand Assembly, 5/16" OD
300 80077 00	ATX Dipstick Wand Assembly, 1/4 "OD
300 80112 00	ATX Dipstick Wand Assembly, 3/8" OD
<b>ATX Adapters</b>	
300 80048 00	Standard Adapter Kit Included with ATX equipment
300 80049 00	Deluxe ATX Adapter Kit, Includes many foreign vehicle adapters
000 80035 00	ATX Adapter 2A, 3/8" dia., quick disconnect; GM 1996 and newer; male
000 80108 00	ATX Adapter 3B, Mercedes-Benz Vito-Sprinter, 2010 and newer; male
000 80036 00	ATX Adapter 8, Compatible with most imports, two for use; male
000 80070 00	ATX Adapter 9, 3/8" dia. disconnect; F150, Corvette, 2002+ newer; male
000 80041 00	ATX Adapter 10, Clamp, 8-12mm; used to connect adapter hoses
000 80042 00	ATX Adapter 11, Clamp, 10-16mm; used to connect adapter hoses
000 80043 00	ATX Adapter 12, Clamp, 16-25mm; used to connect adapter hoses
000 80073 00	ATX Adapter 20, Cadillac CTS, 2002-2006; male
000 80063 00	ATX Adapter 21, 7/16" inverted flare, stamp: 518509; GM; male
000 80064 00	ATX Adapter 22, 1/2" quick connect, stamp: 518510; GM; female
000 80061 00	ATX Adapter 23, 1/2" inverted flare; GM, Dodge, HD2500, male, see catalogalog
000 80062 00	ATX Adapter 24, 1/2" inverted flare; HD2500, female, see catalog
000 80065 00	ATX Adapter 25, 7/16" inverted flare, stamp: 518511; male
000 80075 00	ATX Adapter 26, 5/8" dia.; GM with Allison Transmission, see catalog
000 80059 00	ATX Adapter 27, 5/8" dia.; Allison Transmission, male, see catalog
000 80060 00	ATX Adapter 28, 5/8" dia.; Allison Transmission, female, see catalog
000 80071 00	ATX Adapter 29, GM, model: Duramax Diesel; male
000 80072 00	ATX Adapter 30, GM, model: Duramax Diesel; female
000 80050 00	ATX Adapter 31A, Volvo, requires two for use; male
000 80057 00	ATX Adapter 33, 14mm; Saab; male
000 80058 00	ATX Adapter 34, 14mm; Saab; female
000 80051 00	ATX Adapter 35, Volkswagen; requires two; male
000 80056 00	ATX Adapter 36, BMW quick connect
000 80066 00	ATX Adapter 38, XJ8; Range Rover, Jaguar, 1997 - 2008; male
000 80067 00	ATX Adapter 39, XJ8; Range Rover, Jaguar, 1997 - 2008; female
000 80068 00	ATX Adapter 40, Range Rover, 1996 - 1998; male
000 80069 00	ATX Adapter 41, Range Rover, 1996 - 1998; female
000 80076 00	ATX Adapter 43, Audi, 2000 and newer; male
000 80077 00	ATX Adapter 44, Audi, 2000 and newer; female

P/N	DESCRIPTION
<b>FluidPRO</b>	
<b>ATX Adapters Contiued.</b>	
000 80095 00	ATX Adapter 45, Audi, model: A6, 1996 and newer; male
000 80096 00	ATX Adapter 46, Audi, model: A6, 1996 and newer; female
000 80097 00	ATX Adapter 47, Jaguar, model: XJ8, 1998 and newer; male
000 80098 00	ATX Adapter 48, Jaguar, model: XJ8, 1998 and newer; female
000 80085 00	ATX Adapter 47C, Saab 93 Sport, vehicle year 2003 - 2008
000 80099 00	ATX Adapter 51, Volvo, model: S40 Series; male
000 80100 00	ATX Adapter 51A, Volvo; female
000 80089 00	ATX Adapter 52, 14mm, quick disconnect; Rover BMW; male
000 80090 00	ATX Adapter 52A, 14mm, quick disconnect; Rover BMW; female
000 80101 00	ATX Adapter 53, BMW, model: 500 Series; male
000 80102 00	ATX Adapter 53A, BMW, model: 500 Series; female
000 80103 00	ATX Adapter 54, Quick disconnect; Mercedes-Benz, male
000 80104 00	ATX Adapter 54A, Quick disconnect; Mercedes-Benz, female
000 80105 00	ATX Adapter 55, Volkswagen/Nissan; male
000 80106 00	ATX Adapter 55A, Volkswagen/Nissan; female
000 80117 00	ATX Adapter 56/56A, BMW, model: X5-X6, vehicle year 2007-2009
000 80054 00	ATX Adapter 61, Jeep, model: Liberty, 2002-2007; male
000 80055 00	ATX Adapter 62, Jeep, model: Liberty, 2002-2007; female
000 80091 00	ATX Adapter 68, Volkswagen, spin-on
000 80115 00	ATX Adapter 91, Honda/Acura, male
000 80116 00	ATX Adapter 92, Honda/Acura, female
000 80082 00	ATX Adapter 93, F250, F350, F450, Excursion, 2005+, see catalog
000 80111 00	ATX Adapter 94, Ford, model: Fusion, 2010-2011; male
000 80080 00	ATX Adapter 95, Saturn ION 2.2 Liter, GTO, 2003+, male, see catalog
000 80081 00	ATX Adapter 96, Saturn ION 2.2 Liter, GTO, 2003+, female, see catalog
000 80078 00	ATX Adapter 97, F250 Power Stroke, Dodge, Diesel, male, see catalog
000 80079 00	ATX Adapter 98, F250 Power Stroke, Dodge, Diesel, female, see catalog
000 80047 00	ATX Adapter 99, Adapter Clip for AV & AV1; Volvos, all models, 1993+
000 80112 00	ATX Adapter Ford vehicles using 1/2" quick disconnect, male, see catalog
300 80148 00	ATX Adapter 101, Ford, model: Fusion/Taurus, 2012 and newer; male
000 80001 00	ATX Adapter A, 3/8" dia.; Ford 1985 and newer; male
000 80002 00	ATX Adapter A-1, 3/8" dia.; Ford 1985 and newer; female
000 80029 00	ATX Adapter AV, Volvo, all models, 1993 and newer; male
000 80030 00	ATX Adapter AV-1, Volvo, all models, 1993 and newer; female
000 80003 00	ATX Adapter B, 5/16" dia., Ford 1980 and newer; male
000 80004 00	ATX Adapter B-1, 5/16" dia., Ford 1980 and newer; female
000 80005 00	ATX Adapter C, Ford, Jaguar, M-B, Volvo, Cadillac, male, see catalog
000 80006 00	ATX Adapter C-1, Ford, Jaguar, M-B, Volvo, Cadillac, female, see catalog
000 80052 00	ATX Adapter CA, Jeep Grand Cherokee, 2000 and newer; male
000 80053 00	ATX Adapter CA-1, Jeep Grand Cherokee, 2000 and newer; female
000 80007 00	ATX Adapter D, Ford Contour and Mystique, 1995 and newer; male



P/N	DESCRIPTION
<b>FluidPRO</b>	
<b>ATX Adapters Contiued.</b>	
000 80008 00	ATX Adapter D-1, Ford Contour and Mystique, 1995 and newer; female
000 80009 00	ATX Adapter E, Ford Diesel Truck; male
000 80010 00	ATX Adapter E-1, Ford Diesel Truck; female
000 80017 00	ATX Adapter F, Dodge Durango, 1998 and newer; male
000 80018 00	ATX Adapter F-1, Dodge Durango, 1998 and newer; female
000 80013 00	ATX Adapter H, Jeep Cherokee, 1980 to 1986; male
000 80014 00	ATX Adapter H-1, Jeep Cherokee, 1980 to 1986; female
000 80015 00	ATX Adapter I, Jeep Cherokee, 1993 to 1997; male
000 80016 00	ATX Adapter I-1, Jeep Cherokee, 1993 to 1997; female
000 80031 00	ATX Adapter J, 5/16" dia.; GM; male
000 80032 00	ATX Adapter J-1, 5/16" dia.; GM; female
000 80033 00	ATX Adapter K, 3/8" dia.; GM; male
000 80034 00	ATX Adapter K-1, 3/8" dia.; GM; female
000 80023 00	ATX Adapter L, O-ring adapter; BMW, 1987 and newer; male
000 80024 00	ATX Adapter L-01, O-ring adapter; BMW, 1987 and newer; female
000 80025 00	ATX Adapter M, BMW & Mercedes-Benz, 1985+, male, see catalog
000 80026 00	ATX Adapter M-1, BMW & Mercedes-Benz, 1985+,female, see catalog
000 80027 00	ATX Adapter N, Flare adapter, BMW, up to 1985; male
000 80028 00	ATX Adapter N-1, Flare adapter, BMW, up to 1985; female
000 80019 00	ATX Adapter V, Jeep Cherokee, 1998; male
000 80020 00	ATX Adapter V-1, Jeep Cherokee, 1998; female
000 80049 00	ATX Adapter VO, Volkswagen, requires two for use; male
000 80109 00	ATX Adapter BMW, 500 Series; male
300 80126 00	ATX Adapter Kit, Ford, 6R Transmission, used only with ATX-3; male
000 80110 00	ATX Adapter Kit, Volkswagen/Ford, vehicles with DSG Trans, see catalog
000 80107 00	ATX Adapter, GM 2B
<b>DCS Adapters</b>	
310 80040 00	Standard Adapter Kit Included with DCS-1; includes hoses
310 80045 00	Heavy Duty Adapter Kit For truck and industrial
010 80095 00	DCS Adapter 4A, 1/4" flare hose, 434015; male
010 80096 00	DCS Adapter 5A, 5/16" flare hose, 434016; female
010 80097 00	DCS Adapter 6A, Heavy duty 3/8" flare hose; male, see catalog
010 80053 00	DCS Adapter 8, Gold, 434020
010 80098 00	DCS Adapter 8A, Heavy duty 1/2" flare hose; male, see catalog
010 80099 00	DCS Adapter 10A, Heavy duty 5/8" flare hose; male, see catalog
010 80094 00	DCS Adapter 1008A, 5/8" x 1/2" flare; female
010 80092 00	DCS Adapter 5500A, Heavy duty 1/2" air brake; see catalog
010 80093 00	DCS Adapter 5800A, Heavy duty 5/8" air brake; see catalog
010 80054 00	DCS Adapter BJ, Gold, 434021
010 80055 00	DCS Adapter BJL, Gold, 434022
000 80083 00	DCS Adapters H/H1, Heavy duty; sold as set; see catalog

P/N	DESCRIPTION
<b>FluidPRO</b>	
<b>DCS Adapters Contiued</b>	
010 80101 00	DCS Adapters Q & Q1 (sold as set)
010 80102 00	DCS Adapters R & R1 (sold as set)
010 80103 00	DCS Adapters T & T1 (sold as set)
010 80104 00	DCS Adapters U & U1 (sold as set)
010 80105 00	DCS Adapters X & X1 (sold as set)
000 80042 00	DCS Adapter 11
000 80043 00	DCS Adapter 12
000 80086 00	DCS Adapter 1A; female
000 80087 00	DCS Adapter 3A; female
000 80088 00	DCS Adapter 4A; female
<b>ATX/DCS Accessories</b>	
000 80037 00	ATX/DCS Adapter, Open End Adapter Flex Hose 1/4"
000 80038 00	ATX/DCS Adapter, Open End Adapter Flex Hose 5/16"
000 80039 00	ATX/DCS Adapter, Open End Adapter Flex Hose 3/8"
000 80040 00	ATX/DCS Adapter, Open End Adapter Flex Hose 1/2"
000 80045 00	ATX/DCS Push-Loc Tool, 5/16" dia., see catalog
000 80046 00	ATX/DCS Push-Loc Tool, 3/8" dia., see catalog
000 80084 00	ATX/DCS Push-Loc Tool, 5/16" dia., see catalog
<b>ATX/DCS Adapters</b>	
000 80000 00	ATX/DCS Adapter 1, Quick disconnect; Ford 1985 and newer; male
000 80021 00	ATX/DCS Adapter 3, Quick disconnect; Jeep, Dodge, male, see catalog
000 80022 00	ATX/DCS Adapter 4, Dodge V10 Trucks & Diesels, 1995 and newer; male
000 80011 00	ATX/DCS Adapter G, Ford Escort, 1995 and newer; male
000 80012 00	ATX/DCS Adapter G1, Ford Escort, 1995 and newer; female
<b>BFX Accessories</b>	
026 80354 00	"Brake-A-Sure" Brake Fluid Test Strips FASCAR® 100 strips, see catalog
325 80045 00	BFX New Fluid Tank, 1 gallon
<b>BFX Master Cylinder Adapters</b>	
325 80001 00	Complete BFX Adapter Kit
025 88013 00	Hydraulic Clutch Flushing Adapter Kit, Adds clutch flushing , see catalog
025 88012 00	BFX Adapter Kit BA014, Hydraulic Clutch Flush Kit, see catalog
025 88001 00	BFX Adapter BA01, Three tab, twist on with expandable O-ring. see catalog
025 88002 00	BFX Adapter BA02, Two tab, twist on with expandable O-ring, see catalog
025 88003 00	BFX Adapter BA03, Three tab plastic twist cap. see catalog
025 88004 00	BFX Adapter BA04, Three tab plastic twist cap. see catalog
025 88005 00	BFX Adapter BA05, for threaded master cylinder reservoirs, see catalog
025 88006 00	BFX Adapter BA07, All vehicles with a round master cylinder.
025 88007 00	BFX Adapter BA08, Vehicles with reservoirs with round opening, see catalog
025 88008 00	BFX Adapter BA09, Honda reservoirs with round opening, see catalog

P/N	DESCRIPTION
<b>FluidPRO</b>	
<b>MCX Accessories</b>	
025 88009 00	BFX Adapter BA010, Toyota reservoirs with small round opening.
025 88010 00	BFX Adapter BA011, Toyota reservoirs with large round opening.
025 88011 00	BFX Adapter BA012, Universal Cast
025 88014 00	BFX Adapter BA013, Nissan Altima, Xterra
025 80326 00	Fuse, special low blow
026 80250 00	Sight Glass Bowl, includes filter, o-ring, filter housing
370 80007 01	MCX Fill Tank, Obsolete. Replaced by 370 80252 01 below
370 80252 01	MCX Fill Tank, 7.0 gal. includes fitting, tube, filter, check valve
370 80184 00	MCX-2HD Fill Tank, 15 gal., Includes Fitting, Tube, Filter, Check Valve
370 80204 00	MCX Waste Tank, 15 gal., Includes Fitting, Float Switch, Auto Shut-off
370 80019 00	Kit standard with MCX machines, hoses, adapters, hose clamps, wand
370 80033 00	MCX Flush Hose Assembly
370 80124 00	MCX Caster Kit, provides improved mobility through some shop doors
370 80165 00	MCX Impeller Kit, early model with 3-screw pump cover, JABSCO pump
370 80166 00	MCX Impeller Kit, current model with 4-screw pump cover
370 80169 00	MCX Wand, complete
370 80097 00	MCX Adapter Storage Bracket, mounting hardware included
370 80049 00	MCX 90° Hose Adapter , 1-1/4" to 1-3/8"
370 80050 00	MCX 90° Hose Adapter 90°, 1-1/2" to 1-3/4"
370 80051 00	MCX 90° Hose Adapter 90°, 2" to 2-1/2"
070 80053 00	Refractometer - Battery Charge, Propylene & Ethylene Glycol, F & C
370 80183 00	Kit, Foam Wheel & Axle Conversion
370 80185 00	Waste Tank Assembly, MCX Round
<b>MCX Adapters</b>	
370 80123 00	MCX Heavy Duty Adapter Kit, 2", 2-1/4", 2-1/2", see catalog
370 80004 00	MCX Step Adapter, 1-1/4" to 1-3/8"
370 80005 00	MCX Step Adapter, 1-1/2" to 1-3/4"
370 80048 00	MCX Step Adapter, 2" to 2-1/2"
370 80175 00	MCX Adapter, Audi S4, 2001 V6 Twin Turbo
370 80172 00	MCX Adapter, BMW 3 & 5 Series, 1999 and newer
370 80239 00	MCX Adapter, Ford 6.4L & 6.7L Diesel
370 80173 00	MCX Adapter, Saturn pressurized reservoir
<b>VCX Adapters</b>	
370 80071 00	VCX Adapter Kit, consists of cone and hose
370 80095 00	VCX Adapter Kit, for Radiator Pressure Relief
060 81215 00	VCX Adapter, Cone Plug
<b>PSX Adapters</b>	
315 80082 00	PSX-3 Adapter Kit, connects hoses to reservoir; approx 5" dia.; see catalog
315 80004 00	PSX New Fluid Tank 1 gallon
315 80005 00	PSX Used Fluid Tank 1 gallon
<b>DFX Accessories</b>	
315 80054 00	DFX Small Nylon Hose Extension

P/N	DESCRIPTION
<b>FluidPRO</b>	
<b>EV Accessories</b>	
335 80001 00	Dual Exhaust Adapter Kit for EV-1, 2 ea. 5' 5" Hoses, High-Temp Nozzles
<b>ELF Adapters</b>	
028 80377 00	ELF Adapter 2, 1-Hole Stopper
<b>General Accessories</b>	
026 80086 00	Dust Cover, small, made from reinforced fabric. see catalog
026 80108 00	Dust Cover, large, made from reinforced fabric. see catalog
375 80002 00	ELF-1 Fog Fluid, 4 oz.. bottle
026 80361 00	Quick Disconnect Set Four sizes included: 3/8", 1/2", 5/8", 7/8" see catalog
370 80164 00	Coolant Test Strips, 70 per bottle, 6 bottles per carton
360 82128 00	Kit, Foam Wheel & Axle, Converts ATX, BFX, NTF, VCX, RHS730, RHS780
<b>TechALERT</b>	
495 80017 00	TechALERT Factory Installed
495 80000 00	TechALERT (1 Base & 1 Remote)
495 80001 00	TechALERT (1 Remote)
495 80002 00	TechALERT (1 Base)
<b>Small Tools</b>	
430 80004 00	FHS-100 Fluid Handling System, air operated, empty and fill
026 80638 00	BT-1 Battery Tester, For testing vehicle batteries and more, see catalog
026 80646 00	VFT-1 Vehicle Fluid Tester, conducts multiple fluid tests, see catalog
026 80434 00	Gas Pedal Depressor
040 80112 00	Brake Pedal Depressor 610140
300 80060 00	110 Volt to 12 Volt Converter Kit
<b>TechPRO</b>	
<b>Tablet</b>	
002 80012 00	Holster VCI Neoprene w Lanyard
002 80018 00	12" TechPRO Tablet
024 80198 00	Cable USA A to Micro USB 6Ft. B
024 80209 00	Cable Micro USB to USB-A Female
035 82355 00	TechPRO Quick Start Guide
302 80000 00	TechPRO VCI Docking Port
302 80001 00	8" Tablet TechPRO 10 Inch Screen
302 80002 00	10" Tablet TechPRO 8 Inch Screen



# 56 | ACCESSORIES (Part Number Listing)

P/N	DESCRIPTION
000 80000 00	ATX/DCS Adapter 1, Quick disconnect; Ford 1985 and newer; male
000 80001 00	ATX Adapter A, 3/8" dia.; Ford 1985 and newer; male
000 80002 00	ATX Adapter A-1, 3/8" dia.; Ford 1985 and newer; female
000 80003 00	ATX Adapter B, 5/16" dia., Ford 1980 and newer; male
000 80004 00	ATX Adapter B-1, 5/16" dia., Ford 1980 and newer; female
000 80005 00	ATX Adapter C, Ford, Jaguar, M-B, Volvo, Cadillac, male, see catalog
000 80006 00	ATX Adapter C-1, Ford, Jaguar, M-B, Volvo, Cadillac, female, see catalog
000 80007 00	ATX Adapter D, Ford Contour and Mystique, 1995 and newer; male
000 80008 00	ATX Adapter D-1, Ford Contour and Mystique, 1995 and newer; female
000 80009 00	ATX Adapter E, Ford Diesel Truck; male
000 80010 00	ATX Adapter E-1, Ford Diesel Truck; female
000 80011 00	ATX/DCS Adapter G, Ford Escort, 1995 and newer; male
000 80012 00	ATX/DCS Adapter G1, Ford Escort, 1995 and newer; female
000 80013 00	ATX Adapter H, Jeep Cherokee, 1980 to 1986; male
000 80014 00	ATX Adapter H-1, Jeep Cherokee, 1980 to 1986; female
000 80015 00	ATX Adapter I, Jeep Cherokee, 1993 to 1997; male
000 80016 00	ATX Adapter I-1, Jeep Cherokee, 1993 to 1997; female
000 80017 00	ATX Adapter F, Dodge Durango, 1998 and newer; male
000 80018 00	ATX Adapter F-1, Dodge Durango, 1998 and newer; female
000 80019 00	ATX Adapter V, Jeep Cherokee, 1998; male
000 80020 00	ATX Adapter V-1, Jeep Cherokee, 1998; female
000 80021 00	ATX/DCS Adapter 3, Quick disconnect; Jeep, Dodge, male, see catalog
000 80022 00	ATX/DCS Adapter 4, Dodge V10 Trucks & Diesels, 1995 and newer; male
000 80023 00	ATX Adapter L, O-ring adapter; BMW, 1987 and newer; male
000 80024 00	ATX Adapter L-01, O-ring adapter; BMW, 1987 and newer; female
000 80025 00	ATX Adapter M, BMW & Mercedes-Benz, 1985+, male, see catalog
000 80026 00	ATX Adapter M-1, BMW & Mercedes-Benz, 1985+, female, see catalog
000 80027 00	ATX Adapter N, Flare adapter, BMW, up to 1985; male
000 80028 00	ATX Adapter N-1, Flare adapter, BMW, up to 1985; female
000 80029 00	ATX Adapter AV, Volvo, all models, 1993 and newer; male
000 80030 00	ATX Adapter AV-1, Volvo, all models, 1993 and newer; female
000 80031 00	ATX Adapter J, 5/16" dia.; GM; male
000 80032 00	ATX Adapter J-1, 5/16" dia.; GM; female
000 80033 00	ATX Adapter K, 3/8" dia.; GM; male
000 80034 00	ATX Adapter K-1, 3/8" dia.; GM; female
000 80035 00	ATX Adapter 2A, 3/8" dia., quick disconnect; GM 1996 and newer; male
000 80036 00	ATX Adapter 8, Compatible with most imports, two for use; male
000 80037 00	ATX/DCS Adapter, Open End Adapter Flex Hose 1/4"
000 80038 00	ATX/DCS Adapter, Open End Adapter Flex Hose 5/16"
000 80039 00	ATX/DCS Adapter, Open End Adapter Flex Hose 3/8"
000 80040 00	ATX/DCS Adapter, Open End Adapter Flex Hose 1/2"
000 80041 00	ATX Adapter 10, Clamp, 8-12mm; used to connect adapter hoses
000 80042 00	ATX Adapter 11, Clamp, 10-16mm; used to connect adapter hoses
000 80042 00	DCS Adapter 11

P/N	DESCRIPTION
000 80043 00	ATX Adapter 12, Clamp, 16-25mm; used to connect adapter hoses
000 80043 00	DCS Adapter 12
000 80045 00	ATX/DCS Push-Loc Tool, 5/16" dia., see catalog
000 80046 00	ATX/DCS Push-Loc Tool, 3/8" dia., see catalog
000 80047 00	ATX Adapter 99, Adapter Clip for AV & AV1; Volvos, all models, 1993+
000 80049 00	ATX Adapter VO, Volkswagen, requires two for use; male
000 80050 00	ATX Adapter 31A, Volvo, requires two for use; male
000 80051 00	ATX Adapter 35, Volkswagen; requires two; male
000 80052 00	ATX Adapter CA, Jeep Grand Cherokee, 2000 and newer; male
000 80053 00	ATX Adapter CA-1, Jeep Grand Cherokee, 2000 and newer; female
000 80054 00	ATX Adapter 61, Jeep, model: Liberty, 2002-2007; male
000 80055 00	ATX Adapter 62, Jeep, model: Liberty, 2002-2007; female
000 80056 00	ATX Adapter 36, BMW quick connect
000 80057 00	ATX Adapter 33, 14mm; Saab; male
000 80058 00	ATX Adapter 34, 14mm; Saab; female
000 80059 00	ATX Adapter 27, 5/8" dia.; Allison Transmission, male, see catalog
000 80060 00	ATX Adapter 28, 5/8" dia.; Allison Transmission, female, see catalog
000 80061 00	ATX Adapter 23, 1/2" inverted flare; GM, Dodge, HD2500, male, see catalog
000 80062 00	ATX Adapter 24, 1/2" inverted flare; HD2500, female, see catalog
000 80063 00	ATX Adapter 21, 7/16" inverted flare, stamp: 518509; GM; male
000 80064 00	ATX Adapter 22, 1/2" quick connect, stamp: 518510; GM; female
000 80065 00	ATX Adapter 25, 7/16" inverted flare, stamp: 518511; male
000 80066 00	ATX Adapter 38, XJ8; Range Rover, Jaguar, 1997 - 2008; male
000 80067 00	ATX Adapter 39, XJ8; Range Rover, Jaguar, 1997 - 2008; female
000 80068 00	ATX Adapter 40, Range Rover, 1996 - 1998; male
000 80069 00	ATX Adapter 41, Range Rover, 1996 - 1998; female
000 80070 00	ATX Adapter 9, 3/8" dia. disconnect; F150, Corvette, 2002+ newer; male
000 80071 00	ATX Adapter 29, GM, model: Duramax Diesel; male
000 80072 00	ATX Adapter 30, GM, model: Duramax Diesel; female
000 80073 00	ATX Adapter 20, Cadillac CTS, 2002-2006; male
000 80074 00	Push-Loc Tool Ford vehicles; for quick disconnect line removal
000 80075 00	ATX Adapter 26, 5/8" dia.; GM with Allison Transmission, see catalog
000 80076 00	ATX Adapter 43, Audi, 2000 and newer; male
000 80077 00	ATX Adapter 44, Audi, 2000 and newer; female
000 80078 00	ATX Adapter 97, F250 Power Stroke, Dodge, Diesel, male, see catalog
000 80079 00	ATX Adapter 98, F250 Power Stroke, Dodge, Diesel, female, see catalog
000 80080 00	ATX Adapter 95, Saturn ION 2.2 Liter, GTO, 2003+, male, see catalog
000 80081 00	ATX Adapter 96, Saturn ION 2.2 Liter, GTO, 2003+, female, see catalog
000 80082 00	ATX Adapter 93, F250, F350, F450, Excursion, 2005+, see catalog
000 80083 00	DCS Adapters H/H1, Heavy duty; sold as set; see catalog
000 80084 00	ATX/DCS Push-Loc Tool, 5/16" dia., see catalog
000 80085 00	ATX Adapter 47C, Saab 93 Sport, vehicle year 2003 - 2008
000 80086 00	DCS Adapter 1A; female
000 80087 00	DCS Adapter 3A; female

P/N	DESCRIPTION
000 80088 00	DCS Adapter 4A; female
000 80089 00	ATX Adapter 52, 14mm, quick disconnect; Rover BMW; male
000 80090 00	ATX Adapter 52A, 14mm, quick disconnect; Rover BMW; female
000 80091 00	ATX Adapter 68, Volkswagen, spin-on
000 80095 00	ATX Adapter 45, Audi, model: A6, 1996 and newer; male
000 80096 00	ATX Adapter 46, Audi, model: A6, 1996 and newer; female
000 80097 00	ATX Adapter 47, Jaguar, model: XJ8, 1998 and newer; male
000 80098 00	ATX Adapter 48, Jaguar, model: XJ8, 1998 and newer; female
000 80099 00	ATX Adapter 51, Volvo, model: S40 Series; male
000 80100 00	ATX Adapter 51A, Volvo; female
000 80101 00	ATX Adapter 53, BMW, model: 500 Series; male
000 80102 00	ATX Adapter 53A, BMW, model: 500 Series; female
000 80103 00	ATX Adapter 54, Quick disconnect; Mercedes-Benz, male
000 80104 00	ATX Adapter 54A, Quick disconnect; Mercedes-Benz, female
000 80105 00	ATX Adapter 55, Volkswagen/Nissan; male
000 80106 00	ATX Adapter 55A, Volkswagen/Nissan; female
000 80107 00	ATX Adapter, GM 2B
000 80108 00	ATX Adapter 3B, Mercedes-Benz Vito-Sprinter, 2010 and newer; male
000 80109 00	ATX Adapter BMW, 500 Series; male
000 80110 00	ATX Adapter Kit, Volkswagen/Ford, vehicles with DSG Trans, see catalog
000 80111 00	ATX Adapter 94, Ford, model: Fusion, 2010-2011; male
000 80112 00	ATX Adapter Ford vehicles using 1/2" quick disconnect, male, see catalog
000 80115 00	ATX Adapter 91, Honda/Acura, male
000 80116 00	ATX Adapter 92, Honda/Acura, female
000 80117 00	ATX Adapter 56/56A, BMW, model: X5-X6, vehicle year 2007-2009
002 80012 00	Holster VCI Neoprene w Lanyard
002 80018 00	12" TechPRO tablet
010 80053 00	DCS Adapter 8, Gold, 434020
010 80054 00	DCS Adapter BJ, Gold, 434021
010 80055 00	DCS Adapter BJL, Gold, 434022
010 80092 00	DCS Adapter 5500A, Heavy duty 1/2" air brake; see catalog
010 80093 00	DCS Adapter 5800A, Heavy duty 5/8" air brake; see catalog
010 80094 00	DCS Adapter 1008A, 5/8" x 1/2" flare; female
010 80095 00	DCS Adapter 4A, 1/4" flare hose, 434015; male
010 80096 00	DCS Adapter 5A, 5/16" flare hose, 434016; female
010 80097 00	DCS Adapter 6A, Heavy duty 3/8" flare hose; male, see catalog
010 80098 00	DCS Adapter 8A, Heavy duty 1/2" flare hose; male, see catalog
010 80099 00	DCS Adapter 10A, Heavy duty 5/8" flare hose; male, see catalog
010 80101 00	DCS Adapters Q & Q1 (sold as set)
010 80102 00	DCS Adapters R & R1 (sold as set)
010 80103 00	DCS Adapters T & T1 (sold as set)
010 80104 00	DCS Adapters U & U1 (sold as set)
010 80105 00	DCS Adapters X & X1 (sold as set)
011 80004 00	Vacuum Pump Oil, 1 Quart (obsolete P/N - use 011 80070 00 below)

P/N	DESCRIPTION
011 80017 00	PAG Oil 150, 8 oz.
011 80018 00	Mineral Oil SUS-500 Quart
011 80019 00	Oil Ford YA-9 Quart
011 80020 00	Retrofit Kit with Flush - 1 Car
011 80022 06	Evaporator Treatment - Replacement - Case of 6 Bottles, 6 Pk.
011 80023 09	Flush, Use RTI Flush Gun or Similar (9) - 1 Quart Bottles
011 80026 00	Super Flush PRO Four (4) 1 Gallon jugs
011 80028 00	Dye A/C Universal (6) 1 oz. bottles
011 80029 00	Dye A/C Universal (4) 4 oz. bottles
011 80057 00	PAG 46, 8 oz. oil cartridge
011 80058 00	PAG 100, 8 oz. oil cartridge
011 80059 00	PAG 150, 8 oz. oil cartridge
011 80060 00	UView Universal Ester 8 oz. oil cartridge
011 80061 00	UView POE (Hybrid) 4 oz. oil cartridge
011 80070 00	Vacuum Pump Oil, 1 Quart, for vacuum pumps on any MAHLE A/C unit
023 80095 00	Red High Side Service Coupler for all R134a machines & gauge sets
023 80096 00	Blue Low Side Service Coupler for all R134a machines & gauge sets
023 80147 00	Tank Adapter, 1/2" Acme Female x Low Side R134a
023 80390 00	Chuck Air Clip On Valved 1/4 F
023 80429 00	Tank Adapter, Low EU, W21.8
023 80464 00	Coupling Low Side R134a
023 80463 00	Coupling High Side R134a
024 80198 00	Cable USA A to Micro USB 6Ft. B
024 80206 00	Filter Power 15A
024 80209 00	Cable Micro USB to USB-A Female
025 80326 00	Fuse, special low blow
025 88001 00	BFX Adapter BA01, Three tab, twist on with expandable O-ring. see catalog
025 88002 00	BFX Adapter BA02, Two tab, twist on with expandable O-ring, see catalog
025 88003 00	BFX Adapter BA03, Three tab plastic twist cap. see catalog
025 88004 00	BFX Adapter BA04, Three tab plastic twist cap. see catalog
025 88005 00	BFX Adapter BA05, for threaded master cylinder reservoirs, see catalog
025 88006 00	BFX Adapter BA07, All vehicles with a round master cylinder.
025 88007 00	BFX Adapter BA08, Vehicles with reservoirs with round opening, see catalog
025 88008 00	BFX Adapter BA09, Honda reservoirs with round opening, see catalog
025 88009 00	BFX Adapter BA010, Toyota reservoirs with small round opening.
025 88010 00	BFX Adapter BA011, Toyota reservoirs with large round opening.
025 88011 00	BFX Adapter BA012, Universal Cast
025 88012 00	BFX Adapter Kit BA014, Hydraulic Clutch Flush Kit, see catalog
025 88013 00	Hydraulic Clutch Flushing Adapter Kit, Adds clutch flushing , see catalog
025 88014 00	BFX Adapter BA013, Nissan Altima, Xterra
026 80002 00	Filter, Acid, Older 750, 750X, 751, 760 Units
026 80026 00	Cylinder, 30 lb, 3/4 FPT - Flare
026 80042 00	R12 Adapter Kit, Basic
026 80044 00	Filter, For RRC750/760

# 60 | ACCESSORIES (Part Number Listing)

P/N	DESCRIPTION
026 80047 00	Thermometer - Duct, -400 F to +1600 F
026 80059 00	Manifold Gauge Set R134a/F/PSI
026 80062 00	Valve Core Tool - R12
026 80069 00	Filter, High Side for 1996-2006 Model A/C Machines
026 80077 00	Filter, Low Side for 1996-2006 Model A/C Machines
026 80086 00	Dust Cover, small, made from reinforced fabric. see catalog
026 80089 00	Filter, EDF1, External Disposable Filter, TX200 and MaxiFlex Units
026 80092 00	Heater Belt 120 Volt, plug-in style, fits 30 lb. - 50 lb. cylinders
026 80101 00	Cylinder, 50 lb, 3/4 FPT
026 80108 00	Dust Cover, large, made from reinforced fabric. see catalog
026 80111 00	Electronic Weight Scale
026 80128 00	Filter, ID1000 and ID2000 Refrigerant Identifiers
026 80179 00	UV Leak Kit, 12 Volt Light, Injector, Glasses, 8 oz. Dye
026 80179 01	A/C Dye Cartridge 8 oz., 32 applications
026 80179 02	Dye Cleaner, 32 oz. Bottle
026 80179 03	SpotGun Injection Gun
026 80179 04	Dye Enhancing Glasses
026 80179 05	R12 Dye Adapter
026 80179 07	R134a Hose with Coupling for SpotGun
026 80179 10	Decals, 'Dye Installed' All Dye Types, 32 Pk.
026 80179 11	UV Light and Dye Enhancing Glasses
026 80179 12	Bulb for 12 Volt UV Light, Fits Most 12 Volt Lights
026 80192 00	Valve Core Remover
026 80208 01	Oil Charge Bottle Only
026 80209 06	GM '91 High Side Adapter, R12
026 80210 00	Orifice Tube Removal Tool Set
026 80211 00	Heat Gun - Deluxe
026 80213 00	Valve Core Tool - R134a
026 80214 00	R12 Service Port Thread Restore Tool
026 80215 00	R134a Service Port Reamer
026 80216 00	Ford Spring Lock Tool Kit
026 80217 00	Dual O'Ring Tool
026 80218 00	Fin Comb Tool, Six-Sided
026 80219 00	Sockets - Pinnacle - Set of 2
026 80221 00	System Guard Port Seals - 125 Vehicle, 250 Pk.
026 80223 00	Complete O'Ring Assortment, GM, Ford, Chrysler, Import and more
026 80223 01	Ford, Port Caps, O'rings, Valve Cores, Garter Springs, Box 1
026 80223 02	GM, O'Rings, Box 2
026 80223 03	Chrysler, Gaskets, Box 3
026 80223 04	Import, O'rings, Box 4
026 80223 05	Orifice Tubes and Retrofit Fittings, Box 5
026 80240 00	In-Line Filter AssemblyComplete, 1/4" MFL x 1/8" MPT
026 80241 00	In-Line Filter AssemblyComplete, 1/2" ACME F x 1/8" MPT
026 80242 00	In-Line Filter AssemblyComplete, 1/4" FFL x 1/4" MFL



P/N	DESCRIPTION
026 80250 00	Sight Glass Bowl, includes filter, o-ring, filter housing
026 80253 00	Filter, ACF-3100 & ESX-2
026 80299 00	Filter Coalescing, ACF-3100
026 80300 00	Filter Replacement Element for 026 80299 00
026 80301 00	Filter Charcoal, ACF-3100
026 80302 00	Filter Replacement Element for 026 80301 00
026 80309 00	Sensor Plugs for Sealant Detector, 25 pack
026 80320 00	Electronic Leak Detector, Premium R12/R134a, Model LD-1
026 80348 00	Electronic Weight Scale, Capacity 175 lb., (80 KG)
026 80354 00	"Brake-A-Sure" Brake Fluid Test Strips FASCAR® 100 strips, see catalog
026 80361 00	Quick Disconnect Set Four sizes included: 3/8", 1/2", 5/8", 7/8" see catalog
026 80363 00	Vacuum Pump - 2.5 CFM, Twin Port Design
026 80373 00	Quick Disconnect Set (5 Piece)
026 80434 00	Gas Pedal Depressor
026 80480 02	Filter/Hose Replacement EID ID
026 80550 00	PAG Oil Cartridge, 8 oz., 100 viscosity (used w/ Big EZ)
026 80551 00	POE Oil Cartridge, 8 oz., 100 viscosity (used w/ Big EZ)
026 80552 00	Universal Dye Cartridge, 8 oz (used w/ 360 82478 00)
026 80553 00	Pump Spray Dye Cleaner, 8 oz. Bottle
026 80554 00	Injector Assembly, R134a
026 80555 00	Dye Charging Hose Assembly
026 80556 00	POE Oil Charging Hose Assembly
026 80557 00	PAG Oil Charging Hose Assembly
026 80573 00	Cover, fits RHS980
026 80620 00	Holder, NTO-200 Wall Mount w/screws
026 80635 00	LD-2 Electronic Leak Detector w/ UV Light, R12/R134a/R1234yf
026 80638 00	BT-1 Battery Tester, For testing vehicle batteries and more, see catalog
026 80643 00	Mini-ID Refrigerant Identifier, R134a Only, Go/No-Go
026 80646 00	VFT-1 Vehicle Fluid Tester, conducts multiple fluid tests, see catalog
026 80648 00	Filter ACF-3100, Pre-Coalescing
026 80660 00	LD-2 Replacement Parts Kit
026 80672 00	Oil Charge Bottle Only
026 80673 00	Oil Drain Bottle Only
026 80696 00	Filter Drier
026 80697 00	Cover Dust
026 80698 00	Bottle Oil Charge
026 80699 00	Bottle Oil Drain
026 80700 00	Pump Vacuum VE215
028 80002 01	Oil Syringe, Add Oil to Machine Compressors or A/C Components, 2 oz.
028 80035 02	11 ft. Red Hose R134a
028 80035 03	20 ft. Red Hose R134a
028 80035 04	9 ft. Red Hose, R134a, Replacement for RHS980 Series
028 80035 05	15 ft. Red Hose R134a
028 80036 02	11 ft. Blue Hose R134a

## 62 | ACCESSORIES (Part Number Listing)

P/N	DESCRIPTION
028 80036 03	20 ft. Blue Hose R134a
028 80036 04	9 ft. Blue Hose, R134a, Replacement for RHS980 Series
028 80036 05	15 ft. Blue Hose R134a
028 80136 00	ID1000 Printer Paper
028 80365 00	Tire Deflators, Set of 4
028 80377 00	ELF Adapter 2, 1-Hole Stopper
028 80532 00	Hose Red R134a
028 80533 00	Hose Blue R134a
035 82355 00	TechPRO Quick Start Guide
040 80112 00	Brake Pedal Depressor 610140
060 81215 00	VCX Adapter, Cone Plug
070 80053 00	Refractometer - Battery Charge, Propylene & Ethylene Glycol, F & C
300 80014 00	Adapter Hose, Straight, Connects Machine to Vehicle
300 80015 00	Adapter Hose, 90°, Connects Machine to Vehicle
300 80048 00	Standard Adapter Kit Included with ATX equipment
300 80049 00	Deluxe ATX Adapter Kit, Includes many foreign vehicle adapters
300 80051 00	ATX Sight Glass Kit, Sight Glass Bowl, Filter, O'Ring (2 ea.)
300 80052 00	ATX By-Pass Adapter Hose
300 80060 00	110 Volt to 12 Volt Converter Kit
300 80061 00	ATX Flush Canister, In-Line Applications, 14 oz Capacity
300 80076 00	ATX Dipstick Wand Assembly, 5/16" OD
300 80077 00	ATX Dipstick Wand Assembly, 1/4 "OD
300 80112 00	ATX Dipstick Wand Assembly, 3/8" OD
300 80126 00	ATX Adapter Kit, Ford, 6R Transmission, used only with ATX-3; male
300 80148 00	ATX Adapter 101, Ford, model: Fusion/Taurus, 2012 and newer; male
302 80000 00	TechPRO VCI Docking Port
302 80001 00	8" Tablet TechPRO 10 Inch Screen
302 80002 00	10" Tablet TechPRO 8 Inch Screen
305 80032 00	Universal Flush Adapter Kit (included with ACF-3100 Machine)
305 80033 00	Charcoal Filter Kit w/Pre Filter
305 80035 00	Filter Kit, ACF, 4 Filters and 1 MAHLE Coalescing Filter, for ACF-3100
305 80036 00	Filter Kit, 4 Filters and 1 Coalescing Filter, for some flush units
310 80040 00	Standard Adapter Kit Included with DCS-1; includes hoses
310 80045 00	Heavy Duty Adapter Kit For truck and industrial
315 80004 00	PSX New Fluid Tank 1 gallon
315 80005 00	PSX Used Fluid Tank 1 gallon
315 80054 00	DFX Small Nylon Hose Extension
315 80082 00	PSX-3 Adapter Kit, connects hoses to reservoir; approx 5" dia.; see catalog
325 80001 00	Complete BFX Adapter Kit
325 80045 00	BFX New Fluid Tank, 1 gallon
335 80001 00	Dual Exhaust Adapter Kit for EV-1, 2 ea. 5' 5" Hoses, High-Temp Nozzles
355 80022 00	Nitrogen Purity Tester
355 80025 00	Filter Replacement Kit for NTF-230 models.
355 80049 00	Kit Hose Reel Green NTF

P/N	DESCRIPTION
355 80062 00	Filter Replacement Kit for 5.1 CFM membrane
355 80070 00	Kit Regulator (NTF)
355 80101 00	Air Chuck Replacement Kit, Quantity 1
355 80106 00	Air Chuck Replacement Kit, Quantity 5
355 80123 00	Dually Hose Fill Kit, adapts to (6) hose fill capability for NTF-515.
355 80149 00	Filter Replacement Kit for NTF-515, 15 Plus and 60 Plus models.
355 80150 00	Carbon Bed Replacement Kit for NTF-515, 15 Plus and 60 Plus models.
355 80156 00	Kit N2 Cap (qty. 500)
355 80157 00	Kit N2 Cap (qty. 1000)
355 80204 00	Battery Rechargeable Pack + Power Cord, 110 - 120V for NTF-515/230
355 80235 00	Digital Fill Gun Digital display w/variable units of measure
360 80000 00	Cylinder, 50 lb, 1/2 Acme Valve
360 80012 00	Vacuum Pump Oil, Case (12 Quarts)
360 80128 00	Cylinder , DOT, 30 lb, R12, without Overfill Protection
360 80166 00	Yellow Hose R134a, 8' w/Ball Valve, 1/2" ACME F x 1/2" ACME F
360 80171 00	Compressor Oil, 3GS 1 Quart, for Americold Compressors
360 80182 00	Hose Extension Set, R12 Red & Blue 6" w/Ball Valve
360 80223 00	Yellow Hose R12, 8' w/Ball Valve
360 80226 01	40" Yellow Hose R12, Order With 210720 Fitting for Quick Fill Setup
360 80301 00	Cylinder, DOT, 30 lb, R134a, without Overfill Protection
360 80310 00	Cylinder, DOT, 30 lb, R12, with Overfill Protection
360 80332 00	Cylinder, DOT, 30 lb, R134a, with Overfill Protection
360 80335 00	Yellow Hose R12, 6" w/Ball Valve
360 80359 00	Replacement R-12 Hose Gaskets & Core Depressor Kit
360 80463 01	19" Yellow Hose R12, Refrigerant Transfer, 1/4" FFL x 1/4" FFL
360 80464 01	19" Yellow Hose R134a, Refrigerant Transfer, 1/2" ACME x 1/2" ACME
360 80464 03	30" Yellow Hose R134a, Anti-Blowback x 1/2" ACME, Quick Fill Setup
360 80471 00	Hose, Red, R12, 11' w/Ball Valve
360 80472 00	Hose, Blue, R12, 11' w/Ball Valve
360 80672 00	O-Ring Repair Set for R134a Service Couplers
360 80773 00	In-Line Oil Injection Assembly, Machine Use, R12 w/o Inline Filters
360 80774 00	In-Line Oil Injection Assembly, Machine Use, R134a w/o Inline Filters
360 80844 00	Vacuum Pump Adapter - 1/4 Flare Female x 1/2 Acme Male
360 81335 00	Retrofit Kit with Flush - 18 Cars
360 81336 00	Oil Kit (6 Separate Oils - 27 containers)
360 81351 00	Evaporator Deodorizer Starter Kit, Does (6) vehicles, Equip. Included
360 81428 00	Cylinder, 30 lb, with 1/4 MFL
360 81429 00	A/C Tool Kit
360 81488 00	Vacuum Pump - 7 CFM
360 81489 00	Manifold Gauge Set R12, 6 ft. R/Y/B Hose Set with Shut-Off Valves
360 81490 00	Manifold Gauge Set R134a, Brass, R/Y/B Hose Set & Couplers
360 81618 00	In-line Micron Filter for A/C Machines, Qty. 10
360 81733 00	Sealant Quick Detect Kit
360 81752 00	Refillable Dye/Oil Injector, R12/134a, 2 oz. Capacity w/4 oz. Dye

## 64 | ACCESSORIES (Part Number Listing)

P/N	DESCRIPTION
360 81813 00	Elite UV Kit, Cordless Light, Refillable Injector, 4 oz. Dye, Glasses, Case
360 81815 00	Sensor, For Leak Detectors 214100, LD-1, 3 Pk.
360 81816 00	UV Light, Rechargeable, Cordless, 12 Volt, with Storage Case, Glasses
360 81900 00	Manifold Gauge Set R134a, Aluminum, 6 ft. R/Y/B Hose Set & Couplers
360 82029 00	Maintenance Kit for RHS780/RHS730V Machines
360 82031 00	Maintenance Kit for RHS730E Machines
360 82032 00	Maintenance Kit for RHS680
360 82096 00	Replacement R12 Hose Gaskets (quantity 10)
360 82097 00	Replacement R134a Hose Gaskets (quantity 10)
360 82128 00	Kit, Foam Wheel & Axle, Converts ATX, BFX, NTF, VCX, RHS730, RHS780
360 82133 00	Filter Kit for ACX1180, ACX1185, and RHS980
360 82157 00	ID1000/ID1000 Pro Battery Charger
360 82175 00	Preventative Maintenance Kit, RHS980
360 82176 00	RHS980/H 3-Year Extended Warranty (Individual Price)
360 82179 00	RHS980 Series Refrigerant Identifier - Factory Install
360 82180 00	RHS980 Series Refrigerant Identifier - Field Install
360 82181 00	RHS980/RHS980H Printer - Factory Install
360 82182 00	RHS980/RHS980H Printer - Field Install
360 82218 00	Printer Paper RHS980 Series - 5 Rolls
360 82395 00	Flush Adapter Kit, 2788H
360 82398 00	Kit, Gasket, Mastercool Hose
360 82446 00	RHS980C 3-Year Extended Warranty
360 82477 00	Kit Conversion RHS980 to RHS980H
360 82478 00	Dye Injector Kit (requires 360 82469 00)
360 82481 00	Deluxe RHS980H/RHS980C Manual Oil Injector Kit
360 82543 00	Flush Adapter Replacement Kit, 2788
360 82565 00	Kit R-134a, 9' Hoses, Couplers, Oil Drain Btl, Flush Adptr, .5" Acme Ftg
360 82640 00	Coupler Replacement Kit, ID LS R1234yf
360 82641 00	Oil Injection Kit includes oil, gun, R134a hose w/ coupling
360 82676 00	Replacement Leak Detector Kit R1234yf
360 82697 00	Cylinder Adapter R1234yf
360 82734 00	Calibration Kit, Load Cell, 4kg calibration weight
360 82735 00	Calibration Weight Oil Bottles, 1 kg calibration
360 82739 00	Replacement Combo Filter for ACX1280 and ACX1285
360 82740 00	Service Kit, vacuum pump oil, o-rings, in-line filter, ID filter, for ACX1280
360 82741 00	Replacement Used Oil Bottle, ACX1280
360 82742 00	Replacement New Oil Bottle, ACX1280
360 82744 00	Calibration Check Ball
360 82746 00	Flush Adapter Replacemnet Kit, HP
360 82748 00	External Refrigerant Identifier, R1234yf, no printer
360 82874 00	Oil Charge Bottle Assembly, RHS980, ACX1180
360 82875 00	Oil Drain Bottle Assembly, RHS980, ACX1180
360 82879 00	Manifold Gauge Set R1234yf PS
360 82905 00	Heater Belt Field Install Kit - Easy plug & play installation

P/N	DESCRIPTION
360 82928 00	Oil Drain Bottle Assembly 8 oz, 1/4" flare female, 90 deg. RHS730/780/2780
360 82929 00	Oil Charge Bottle Assembly 8 oz, 1/4" flare female, 90 deg. RHS730/780/2780
360 82934 00	Heater Belt Assembly, Factory Installed
360 82938 00	A/C Database - Pass Car/Light Truck, MY2013 & Earlier
360 82946 00	Replacement Vacuum Pump Oil, 1 Quart, R1234yf
360 82947 00	Replacement Printer Paper, for ACX1280
360 82948 00	Replacement Service Hose Kit, HP, R1234yf
360 82949 00	Replacement Service Hose Kit, LP, R1234yf
360 82950 00	Replacement Service Coupler, HP, R1234yf
360 82951 00	Replacement Service Coupler, LP, R1234yf
360 82952 00	Cover, fits RHS1280 and ACSafe 10
360 82953 00	Adapter, External Tank, 1/2 LH acme
360 82954 00	Replacement High-Low Flush Adapter
360 82960 00	Replacement TKR Coupler, HP, R1234yf
360 82961 00	Replacement TKR Coupler, LP, R1234yf
360 83014 00	Cover, fits ACX1180 and ACX1280
360 83107 00	Clima ACX Printer Kit
360 83110 00	Kit Printer Paper Thermal 5pk
370 80004 00	MCX Step Adapter, 1-1/4" to 1-3/8"
370 80005 00	MCX Step Adapter, 1-1/2" to 1-3/4"
370 80007 01	MCX Fill Tank, Obsolete. Replaced by 370 80252 01 below
370 80019 00	Kit standard with MCX machines, hoses, adapters, hose clamps, wand
370 80033 00	MCX Flush Hose Assembly
370 80048 00	MCX Step Adapter, 2" to 2-1/2"
370 80049 00	MCX 90° Hose Adapter, 1-1/4" to 1-3/8"
370 80050 00	MCX 90° Hose Adapter 90°, 1-1/2" to 1-3/4"
370 80051 00	MCX 90° Hose Adapter 90°, 2" to 2-1/2"
370 80071 00	VCX Adapter Kit, consists of cone and hose
370 80095 00	VCX Adapter Kit, for Radiator Pressure Relief
370 80097 00	MCX Adapter Storage Bracket, mounting hardware included
370 80123 00	MCX Heavy Duty Adapter Kit, 2", 2-1/4", 2-1/2", see catalog
370 80124 00	MCX Caster Kit, provides improved mobility through some shop doors
370 80164 00	Coolant Test Strips, 70 per bottle, 6 bottles per carton
370 80165 00	MCX Impeller Kit, early model with 3-screw pump cover, JABSCO pump
370 80166 00	MCX Impeller Kit, current model with 4-screw pump cover
370 80169 00	MCX Wand, complete
370 80172 00	MCX Adapter, BMW 3 & 5 Series, 1999 and newer
370 80173 00	MCX Adapter, Saturn pressurized reservoir
370 80175 00	MCX Adapter, Audi S4, 2001 V6 Twin Turbo
370 80183 00	Kit, Foam Wheel & Axle Conversion
370 80184 00	MCX-2HD Fill Tank, 15 gal., Includes Fitting, Tube, Filter, Check Valve
370 80185 00	Waste Tank Assembly, MCX Round
370 80204 00	MCX Waste Tank, 15 gal., Includes Fitting, Float Switch, Auto Shut-off
370 80239 00	MCX Adapter, Ford 6.4L & 6.7L Diesel



## 66 | ACCESSORIES (Part Number Listing)

<b>P/N</b>	<b>DESCRIPTION</b>
370 80252 01	MCX Fill Tank, 7.0 gal. includes fitting, tube, filter, check valve
375 80002 00	ELF-1 Fog Fluid, 4 oz.. bottle
430 80004 00	FHS-100 Fluid Handling System, air operated, empty and fill
460 80253 00	ID1000 Pro Refrigerant Identifier, Dual Gas, Built-in Printer
460 80253 01	ID1000 Pro Refrigerant Identifier, Dual Gas, No Printer
465 80061 00	Productivity Package (TechAlert, A/C database, & 3 Year Warranty Ext.)
495 80000 00	TechALERT (1 Base & 1 Remote)
495 80001 00	TechALERT (1 Remote)
495 80002 00	TechALERT (1 Base)
495 80017 00	TechALERT Factory Installed
561 80101 00	RHS980 Set-Up & Training DVD w/case