



KYSOR
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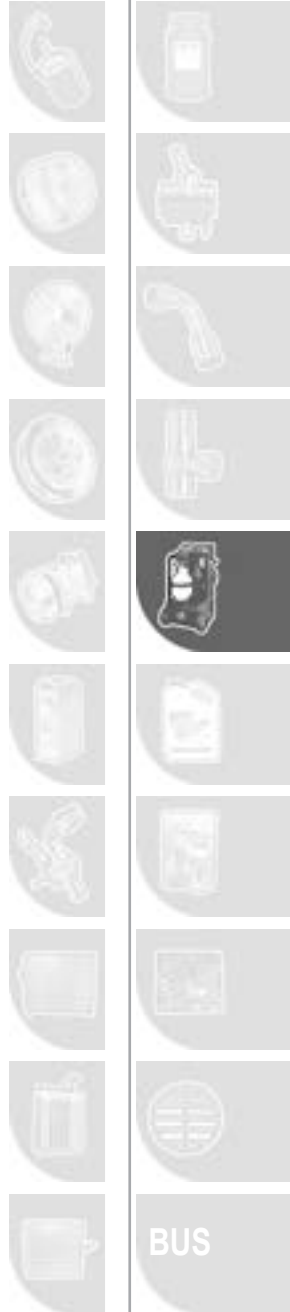
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Leak Detection Equipment

Tracerline Leak Detection

SERVICE EQUIPMENT

LEAKFINDER BIG EZ Kits for all A/C Systems

Package Size:
4 oz. & 8 oz.
Cartridges



Includes a 4 oz. BIG EZ cartridge with Fluoro-Lite universal A/C dye and injector assembly plus complete hardware.

Treats up to 32 vehicle A/C systems.

| Description | Part No. |
|--------------------------------|----------------|
| R-134a/PAG/Dye Kit | 2999003 |
| R-134a Universal Ester Dye Kit | 2999004 |

Glo-Away Dye Cleaner/Remover Refill Bottle

Package Size:
16 oz



Removes all traces of dye from repaired leak sites so repairs can be verified.

Water-based, nontoxic, nonflammable, noncarcinogenic, biodegradable and has no offensive odor.

Contains no harmful solvents or CFC's and is safe for use on plastic, rubber and metal.

Product can be shipped without a hazardous material surcharge.

| Description | Part No. |
|--|----------------|
| Glo-Away Dye Cleaner/Remover Refill Bottle | 2999005 |

LEAKFINDER BIG EZ Fluorescent A/C Dye Cartridge

Package Size:
4 oz. & 8 oz.
Cartridges



The only solvent-free dyes certified to meet or exceed SAE standard J2297.

Fits all popular caulking gun and pump type dye injectors.

| Description | Part No. |
|------------------------------|----------------|
| R-134a/Universal POE (4 oz.) | 2999006 |
| R-134a PAG (4 oz.) | 2999007 |
| R-134a/Universal POE (8 oz.) | 2999102 |
| R-134a PAG (8 oz.) | 2999103 |

BIG EZ Oil Cartridge

Package Size:
8 oz. Cartridges



PAG oil cartridges used with pump type injectors.

| Description | Part No. |
|--------------------------|----------------|
| R-134a PAG 100 (8 oz.) | 2999085 |
| R-134a PAG 150 (8 oz.) | 2999086 |
| R-134a Ester 100 (8 oz.) | 2999093 |

Part No. 2999009

BIG EZ Assembly



Part No. 2999010

Flourescence Enhancing Glasses



Part No. 2999013

R-134a BIG EZ Cartridge Hookup

R-134a SAE
Lowside Hose Assembly
*Comes with R-12 adapter



Part No. 2999096

Complete OPTIMAX/EZ-Ject Heavy-Duty Kit

- Carrying case
- 8 oz. GLO-AWAY dye cleaner
- Flourescence-enhancing glasses
- OPTIMAX LED flashlight with charger
- Dye service underhood labels
- 8 oz. All-In-One dye for oil, fuel, ATF, power steering and hydraulic leaks
- 8 oz. dye for coolant and truck/trailer/auto body leaks
- (2) 1/2 oz. EZ-Ject universal dye cartridges
- R-134a AC&R hose and R-12 adapter/purge fitting
- EZ-Ject dye injector

Pinpoint all refrigerant and fluid leaks.



Tracerline Leak Detection

Part No. 2999097

Part No. 2999098

OPTIMAX Cordless, Rechargeable Leak Detection Flashlight



- Super-high intensity LED bulb with 100,000-hour service life
- 10 times brighter than regular LED lights
- Over 6 hours of peak performance
- Power comparable to super-high intensity 100W lamps
- Inspection range of up to 20 feet (6.1 m) or more
- Compatible with all leak detection dyes
- Powered by a rechargeable NiMH battery
- 120V, 230V, 240V or 100V AC charger included
- Fluorescence-enhancing glasses

COBRA Multi-Purpose Borescope

Features UV LED for detecting fluid leaks, refrigerant leaks and surface flaws, plus white light LED for component inspection.



- Superior optics and adjustable-focus eye piece allow crystal clear viewing
- 24 inch "no-droop" cable maintains position for easier access into hard-to-view areas
- Strong impact and water-resistant nylon housing stands up to the daily abuse of a shop environment
- Pistol grip handle provides steady, comfortable viewing
- Clip-on mirror permits viewing at an angle to detect "hidden" leaks and flaws
- Fluorescence-enhancing glasses
- Carrying case

Part No. 2999099

PRO-Alert Portable Refrigerant Leak Detector

Features high-performance heated-diode sensor technology.

- Detects leaks as small as 0.4 oz/year
- Automatically self-calibrates to neutralize background contamination
- Sensitive to both R-12 and R-134a refrigerants
- Certified to meet SAE J1627
- High/low switch for accurate diagnosis of both large and small leaks
- Variable-intensity audible alarm plus flashing LED help pinpoint leaks fast
- Flexible metal probe holds its position in tight quarters
- Easily replaceable foam filter protects sensor and pump
- Includes replacement filters, (2) D cell batteries and rugged carrying case



Leak Detection Equipment

Tracerline Leak Detection

Part No. 2999100

Marksman Ultrasonic Diagnostic Tool

Converts and amplifies inaudible ultrasonic sound into audible "natural" sound for accurate diagnosis of leaks and defects. Finds problems before they result in major breakdowns.



- Detects air brake, compressed air, vacuum and other pressurized leaks quickly and effortlessly
- Pinpoints gear and bearing wear in wheel hubs, transmissions, transfer cases, differentials and electric motors
- Checks for electrical discharge associated with insulation breakdown, carbon tracking and arcing
- Unique ultrasonic emitter helps find faulty seals, gaskets and weather stripping in truck cabs, trailers and other non-pressurized enclosures

Part No. 2999101

Quad Max Pro

Flexible, Multi-Function LED leak Detection Lamp with Mirror

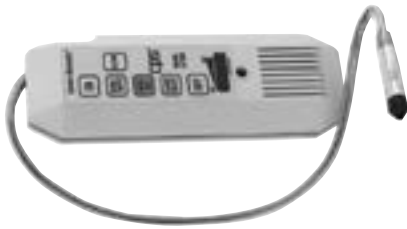


- Three lamp positions: UV/White/Off (3 UV LEDs for leak detection and 1 white LED light for regular inspection, all 100,000-hour life bulbs)
- Flexible head allows precision positioning in tight spots
- Adjustable service mirror helps pinpoint "hidden" leaks
- Powered by 3 "AAA" batteries (included)
- Fluorescence-enhancing glasses

Part No. 2999072

R-12 & R-134a Deluxe Leak Seeker Detector

Includes: Ear phones, case, extra sensor and (4) AA batteries.



- 10 Sensitivity ranges
- Automatic calibration
- 18" Flexible probe
- LED display
- Low battery indicator



A/C Flush Equipment

| Part No. 2999019 | Part No. 2999020 |
|---|--|
| <p>A/C Flush Gun Kit</p> <p>With hose and rubber tip nozzle. Compatible with R-12, Freeze 12 or R-134a A/C systems</p>  | <p>A/C Flush Capture Hose</p>  |

Recovery, Recycling, Flushing & Recharging Equipment

| Part No. 2999107 | Part No. 2999108 |
|---|--|
| <p>R-12, R-134a, R-22, R-502 MP & HP blends - and many more Recovery, Recycling, Evacuation & Recharging Unit Design certified by UL to meet SAE J-1770 standards</p> <p>Comes with:</p> <ul style="list-style-type: none"> • Lockout panel prevents mixing of refrigerants • Two 50-pound tanks <p>Features:</p> <ul style="list-style-type: none"> • Microprocessor - controls functions; prompts lead you through programming and also signal when it's time to change filter-drier, vacuum pump oil, and compressor oil • Float Chamber - automatically adjusts from liquid to vapor for most efficient recovery • Electronic Scale - makes it simple to recharge to factory specs; also weighs recovered refrigerant and provides tank overfill protection • Vacuum Pump - 6 CFM has the capacity to thoroughly evacuate the system, readying it for recharging <p>Part Number Reference:</p> <ul style="list-style-type: none"> • Recycling Filter-Drier: 19776 • VP Oil Type: 13203 quart (13204 gallon)  | <p>R-134a Recovery, Recycling, Evacuation, Leak tests & Recharging Unit Meets SAE J-2788 standards for accuracy: 95% refrigerant recovery and charging to +/- 1/2 oz.</p> <p>Comes with:</p> <ul style="list-style-type: none"> • Lockout panel prevents mixing of refrigerants • Two 50-pound tanks <p>Features:</p> <ul style="list-style-type: none"> • Automatic Air Purge • Refrigerant Charging • Refrigerant Management • Vacuum Function • New 4x20 multilingual display <p>Part Number Reference:</p> <ul style="list-style-type: none"> • Filter-Drier: 34724 • VP Oil Type: 13203 quart (13204 gallon)  |

SERVICE EQUIPMENT

Miscellaneous Service Equipment

Recovery, Recycling, Flushing & Recharging Equipment

Part No. 2999109

R-134a Recovery, Recycling, Evacuation, Leak tests & Recharging Unit
 Meets SAE J-2788 standards for accuracy: 95% refrigerant recovery and charging to +/- 1/2 oz.
 Combines simple operation with superior accuracy.

Features:

- Recovers 20% More Refrigerant
- Charge Accuracy +/- 1/2 Ounce
- Control panel offers flat storage feature when not in use
- Database expansion slot
- Two large tool storage areas
- Change between traditional & hybrid vehicle systems without fear of cross contamination with improved oil injection
- New 2X larger display makes it easier than ever to use
- Built-in storage for extra filter
- On-board storage for compressor oils
- With Automated A/C Service

Functions:

- Vacuum Leak Test
- Automatic Refrigerant Refill
- Automatic Air Purge
- Automatic Oil Drain
- Refrigerant Charging
- Refrigerant Management
- Vacuum Function

Part Number Reference:

- Filter-Drier: 34724
- VP Oil Type: 13203 quart (13204 gallon)



Manifold Gauge Sets

Part No. 2799111

R-134a Gauge Set with 72" Hoses

Contains R-134a Auto A/C 2-way manifold gauge set with hoses and manual couplers. Hose connections for blue and red hoses are 14mm-M. Yellow hose is 1/2" ACME-F with auto shut-off valves. Gauges are 2 1/2" in PSI/Kpa F°.



Part No. 2999021

Complete Multi-Refrigerant Gauge Set with Hoses

Contains 36" red and blue, 60" yellow hoses for use with multiple refrigerants including R-12, Freeze 12, R-134a, R-22, R-500, R-502 as well as other alternative refrigerants.



Manifold Gauge Sets

Part No. 2999022

Complete Multi-Refrigerant Gauge Set with Hosesw/o Dispensing Valve

72" red, yellow, blue, low-permeation, barrier-type hoses and low-profile, heavy duty high and low side service couplings.



Part No. 2999023

Manifold Gauge Set w/o Hoses

A professional mobile A/C manifold gauge made specifically for R-134a systems.



Part No. 2999024

Complete Multi-Refrigerant Gauge Set w/o Hoses

For use with multiple refrigerants including R-12, Freeze 12, R-134a, R-22, R-500, R-502 as well as other alternative refrigerants.



Part No. 2999025

Generic Low Side Manifold Gauge

A quality replacement low side manifold gauge for any multi-refrigerant Manifold Gauge Set. Features recalibration adjustment (*Blue*).



Part No. 2999026

Generic High Side Manifold Gauge

A quality replacement high side manifold gauge for any multi-refrigerant Manifold Gauge Set. Features recalibration adjustment (*Red*).



Part No. 2999028

R-12, R-22, R-502 Gauge Set with 72" Hoses

Contains R-12, R-22, and R-502 2-way manifold gauge set with hoses. Standard Hose with Auto Shutoff. Hose connections are 1/4" SAE. Gauges are 2 1/2" in PSI and F°.



SERVICE EQUIPMENT





Miscellaneous Service Equipment





R-134a Dispensing Tools

SERVICE EQUIPMENT




| Part No. 2999030 | Part No. 2999032 | Part No. 2999110 |
|--|--|---|
| <p>R-134a EZ Tapper (Green) Makes servicing R-134a A/C systems with 12 oz. cans of refrigerant faster and easier. Also includes an adapter for 4 oz. cans of oil charge.</p>  | <p>R-134a Professional Dispensing Valve For use with R-134a 12 oz. cans. Includes large handle for easier operation.</p>  | <p>R-134a Recharge Kit Designed for easy recharging of R-134a A/C systems using 12 oz. cans. Contains dispensing valve, hose and low side quick coupler.</p>  |

A/C Service Products

| Part No. 2999033 | Part No. 2999034 | Part No. 2999036 | Part No. 2999037 |
|--|---|--|--|
| <p>R-12 to R-134a Hose Adapter Allows conversion of existing R-12 charging hoses for R-134a service. 1/4" Male SAE x 14mm Male</p>  | <p>R-12 to R-134a Hose Conversion Kit Quickly converts your existing R-12 charging hoses over for use with R-134a systems. Includes high and low side quick couplers, a common service hose and shutoff valves to prevent the release of refrigerant. Shutoff valves will attach to any 1/4" SAE flare fitting.</p>  | <p>Service Coupling R-134a High Side</p>  | <p>Service Coupling R-134a Low Side</p>  |

| Part No. 2999041 | Part No. 2999042 | Part No. 2999043 | Part No. 2999047 |
|---|--|--|--|
| <p>Charging Hose Set A set of 72" red, yellow & blue low permeation barrier-type hoses.</p>  | <p>Low Side Quick Coupler Includes a quick coupler, 7" barrier-type hose and shutoff valve to prevent the release of refrigerant. Shutoff valve will attach to any 14mm Male hose.</p>  | <p>High Side Quick Coupler Includes a quick coupler, 7" barrier-type hose and shutoff valve to prevent the release of refrigerant. Shutoff valve will attach to any 14mm Male hose.</p>  | <p>Yellow 1/2" ACME x 1/2" ACME Ball valve design with flexible hose controls refrigerant with a quarter turn of the valve handle. Meets SAE, EPA and UL requirements for containment of refrigerant. Can be operated with one hand. Screws onto charging hose end.</p>  |

A/C Service Products





| Part No. 2999049 | Part No. 2999050 | Part No. 2999051 |
|--|--|--|
| High Side Adapter Adapts 3/16" Male SAE high side service port on newer model vehicles to 1/4" Male SAE to allow for high side monitoring. | Flex Hose Adapter Makes it easy to connect charging equipment to hard to reach 1/4" low side service ports. 1/4" Male SAE x 1/4" Female SAE. | A/C Test Thermometer High quality test thermometer for checking outlet duct and ambient temperatures. Conveniently fits in shirt pocket. |
|  |  |  |



2999056 2999088 2999091

ROBIN AIR REPLACEMENT FILTERS

| Description | Part No. |
|--|----------------|
| In-Line Pre-Filter, 16 cu. in. | 2999056 |
| Quick change filter for 17700A, 34450, 34700 Series | 2999088 |
| Spin-On filter for 17700A, 17700-2K, 34134A, 34134-2K, 342000, 34234, 34300-2K, 34700, 34700-2K, 34800, 34800-2K, 34900 Series | 2999091 |

| Part No. 2999059 | Part No. 2999060 | Part No. 2999061 | Part No. 2999063 |
|---|---|---|--|
| 2 CFM Vacuum Pump (Single Stage) This model is ideal for smaller sized systems (less than 3 lbs. charge capacity). The inlet ports include: 1/4" Flare, 1/2" ACME (for automotive R-134a systems). | 5 CFM Vacuum Pump (Two Stage) This model is an excellent choice for small to medium sized systems (2.5 lb. to 10 lb. charge capacity). This two stage pump features a manifold valve to isolate it from the system and three inlet ports: 1/4" flare, 3/8" flare, and 1/2" ACME (for automotive R-134a systems). | R-134a Oil Injector 1/2" ACME-M x 1/2" ACME-F Add oil by allowing vacuum to pull it in after evacuation process or use refrigerant to push it in using the recharge process. Rugged all metal 2 oz. canister. The standard models use a needle style valve attached between the manifold gauge set or charging equipment and A/C hose. | R-134a Eaton (M8 & M10) Valve Core Kit Covers the Eaton style R-134a valve cores. Kit includes: <ul style="list-style-type: none"> • Valve assembly • Eaton low side valve core remover/installer assembly • Eaton high side valve core remover/installer assembly • R-134a high side 16mm connector • R-134a low side 13mm connector • Plastic elbow molded box |
| SPECIFICATIONS: Free Air Displacement 2 CFM Ultimate Vacuum 70 microns No. of Stages Single Motor 1/3 HP Pump Speed 1725 RPM 110V/60Hz | SPECIFICATIONS: Free Air Displacement 5 CFM Ultimate Vacuum 25 microns No. of Stages Two Motor 1/3 HP Pump Speed 1725 RPM 110V/60Hz |  |  |
|  |  | | |

SERVICE EQUIPMENT



Miscellaneous Service Equipment

A/C Service Products

Part No. 2999064

Standard Valve Core Remover/Installer

Sturdy ball valve design controls refrigerant flow with 1/4 turn of the valve lever. Lever position also gives visual indication of whether valve is opened or closed.



Part No. 2999066

Deluxe Clutch Hub Puller/Installer Kit

This kit contains a complete offering of A/C compressor clutch hub pullers and installers for GM, Ford, Chrysler and Imports.

Kit includes a compressor identification chart and comes in a custom molded case.



Part No. 2999073

The Mini Temp Non-Contact Thermometer

- 0° to 750° F
- Hand held
- 98% accuracy
- Uses 9V battery
- Data hold feature



Part No. 2999074

Shield Style Digital Pocket Thermometer

-40° to 300°F



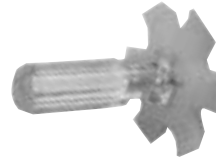
Part No. 2999075

Fin Straightener

A six-in-one straightener to clean and straighten condenser and evaporator coil fins

Features:

- Tool is compact for use in confined spaces
- 8, 9, 10, 12, 14 and 15 fins per inch
- Handle size: 3-1/2" long
- Straighten size: 3-1/8" diameter



Part No. 2999095

Refrigerant Identifier Plus

- Displays the actual percent of R-12, R-134a, R-22, and air in the system and tank
- Air purge
- Visual and audible hydrocarbon alarm
- On-board printer port



Refrigeration Tape

Part No. 2999015

Refrigeration Tape

(30 foot roll) 2" wide by 1/8" tape used in covering A/C fittings

