



**Intuitive Design,
Elevated Efficiency,
Improved Performance**



R134a **MOBILE MONSTER**

91788 R134a Mobile Monster ▲

- 4-way aluminum manifold (86103)
- Black series electronic charging scale (98210-BL)
- 6 CFM, 2 stage black series vacuum pump (90066-2V-110-BL)
- Twin Turbo refrigerant recovery machine (69350)
- Nylon barrier hoses with standard (1/4" x 1/4") fittings (200" blue and red, 72" & 36" yellow, 36" black) (47961-200, 47963-200, 47722, 47364, 47362)
- High-side manual R134a 1/4" FL-M x 16 mm Coupler (82834-E)
Low-side manual R134a 1/4" FL-M x 13 mm Coupler (82934-E)
- 1/2 acme-f x 1/4" fl-m R134a adapter (82635)



53551

AUTOMOTIVE A/C LEAK TESTING KIT (R134A/R1234YF) ▲

The Mastercool 53551 Automotive Tracer Gas Regulator Kit is specifically engineered for automotive technicians who use a nitrogen-hydrogen tracer gas mix to pressure test R134a and R1234yf A/C systems. This complete kit includes a high pressure regulator, couplers, adapters and an advanced combustible gas leak detector making it the ideal solution for professional, non-refrigerant-based leak detection.

COMMANDER-DB26

COMMANDER DATABASE Update to 2025

- TRUSTED AND ACCURATE - Driven by premier supplier Motor Information Systems
- COMPLETE DATABASE - Covers 1994 to 2025 domestic and import cars, trucks, vans, and SUVs
- COMPREHENSIVE DATA - Refrigerant capacities including both single and dual systems

NEW

MC-TANKBRKT-2

Magnet Stabilizer Tank Bracket

Protects the COMMANDER scale from recalibrating during transit



ARCTIC COMMANDER 2.0

RECOVERY/RECYCLE/RECHARGE MACHINES



COMMANDER4100

COMMANDER3100

COMMANDER2100

COMMANDER1100

<2 YEAR LIMITED WARRANTY ON PARTS, 1 YEAR ON LABOR>>



COMMANDER4100 Automatic R1234yf & Hybrid R/R/R Machine ▲

COMMANDER3100 Automatic R134a & Hybrid R/R/R Machine ▲

COMMANDER2100 Fully Automatic R134a R/R/R Machine ▲

COMMANDER1100 Semi-Automatic R134a R/R/R Machine ▲

COMD-RRR-KITA Combo Kit includes COMMANDER3100 & COMMANDER4100 with (2) free universal dye injectors (53123 & 53123-YF) ▲

COMD-RRR-KIT-2A Combo Kit includes COMMANDER2100 & COMMANDER4100 with (2) free universal dye injectors (53123-YF) ▲

COMD-RRR-KIT-3A Combo Kit includes COMMANDER1100 & COMMANDER4100 with (2) free universal dye injectors (53123 & 53123-YF) ▲

2026 AUTOMOTIVE PROMOTION

Mastercool's R134A & R1234YF Smart Manifold Gauge Set combines precision engineering with innovative features to streamline your workflow and ensure exceptional results.

99934 R134a & R1234yf Smart Manifold Gauge (only) Δ^1

99935 R134a & R1234yf Smart Manifold Gauge Set with a set of 72" R134a hoses, R134a manual couplers (82834/82934) and deluxe R134a/R1234yf conversion kit (83736-K) Δ^1



MANIFOLDS

BLACK SERIES MINI-FOLD

84472 R134a Mini-fold Compact 2-Way Manifold with 3-72" hoses and R134a manual couplers (82834, 82934) in a zippered carry case Δ^1

82172 R1234yf Mini-fold Compact 2-Way Manifold with 3-72" hoses and R1234yf manual couplers (83834, 83934) in a zippered carry case Δ^1



84472

R1234yf/R134a MANIFOLDS

R1234yf/R134a Aluminum Manifold Gauge Set: 3-60" R134a standard hoses, R134a manual couplers, R1234yf couplers, 1/2" acme-m x 1/2" acme-f LH thread adapter, (2) 12 mm-m x 14 mm-f R1234yf adapters Δ^1

89661-AYF

66661-AYF

R1234yf/R134a Brass Manifold Gauge Set: 3-60" R134a standard hoses, R134a economy couplers, R1234yf quick couplers, 1/2" acme-m x 1/2" acme-f LH thread adapter, (2) 12 mm-m x 14 mm-f R1234yf adapters Δ^1

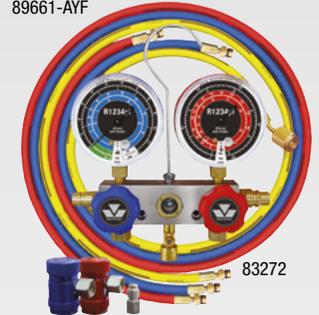


89661-AYF

R1234YF MANIFOLDS

83272 R1234yf Aluminum Manifold: R1234yf couplers with 72" hoses Δ^1

81661 R1234yf Brass Manifold: R1234yf couplers with 60" hoses Δ^1



83272

R134a BRASS MANIFOLDS

66661 R134a Brass Manifold: standard couplers with 3-60" hoses Δ^1

66773 R134a Brass Manifold: standard couplers with 3-72" hoses Δ^1

DUAL R12, R134a ALUMINUM MANIFOLDS

98660-PROM Dual R12, R134a Aluminum Manifold: standard couplers with 2 sets of 60" hoses in plastic box with free 85530 Δ^1

98661-PRO Dual R12, R134a Aluminum Manifold: manual couplers with 2 sets of 60" hoses in plastic box with free 85530 Δ^1



98660-PROM

R134a ALUMINUM MANIFOLD, 3 1/8" GAUGES

89172 2 Way R134a Aluminum Manifold: manual couplers with 72" hoses Δ^1

R134a ALUMINUM MANIFOLDS, 2 1/2" GAUGES

89660-PRO5 R134a Aluminum Manifold: 60" hoses, standard couplers w/ free 85530 Δ^1

89661-PRO R134a Aluminum Manifold: 60" hoses, manual couplers w/ free 85530 Δ^1

89661-UV R134a Aluminum Manifold, 60" hoses, manual couplers and 10 application mini dye injector Δ^1

89660-UV R134a Aluminum Manifold, 60" hoses, standard couplers and 10 application mini dye injector Δ^1



89661-PRO

MC-HANGER Mastercool Heavy-Duty Magnetic Hanger



MC-HANGER

COUPLERS

67434 High Side R1234yf Quick Coupler Δ^2

67534 Low Side R1234yf Quick Coupler Δ^2

67434-E High Side 1/4" to R1234yf Conversion Coupler Δ^2

67534-E Low Side 1/4" to R1234yf Conversion Coupler Δ^2

67736-K 1/4" FL to R1234yf Conversion Kit Δ^2

82834 High Side R134a Manual Coupler Δ^2

82934 Low Side R134a Manual Coupler Δ^2

83834 High Side R1234yf Coupler Δ^2

83934 Low Side R1234yf Coupler Δ^2

82834-SL High Side R134a Manual Safety Lock Coupler Δ^2

82934-SL Low Side R134a Manual Safety Lock Coupler Δ^2

83736-K Deluxe R134a/R1234yf Conversion Kit Δ^2



SERVICE TOOLS

85510 R134a Piercing Design Can Tap Valve Δ^2

85512 R134a Self-Sealing Can Tap Valve Δ^2

85525 R134a Piercing Design Recharge Kit Δ^1

85535 R134a Self-Sealing Design Recharge Kit Δ^1

85510-YF R1234yf Piercing Design Can Tap Valve Δ^2

85512-YF R1234yf Self-Sealing Can Tap Valve Δ^2

85525-YF R1234yf Piercing Design Recharge Kit Δ^1

85535-YF R1234yf Self-Sealing Design Recharge Kit Δ^1

85512-YF



85512



85535

85535-YF

VALVE CORE TOOLS



58490



58490-YF

58490 Universal R12/R134a Master Kit covers all R12 and R134a system valve cores for Standard, JRA, Eaton and GM large bore Δ^1

58490-YF Universal R1234yf Master Kit Δ^1

81290 R134a Universal Large Bore w/Core Remover

81490 R134a Valve Core Remover Installer Δ^1

91290 Universal Valve Core Tool

REFRIGERANT RECOVERY



69372

YF
COMPATIBLE

- 69100** Complete A/C Recovery System ^Δ

- 69360-YF** R1234yf Complete Twin Turbo Recovery Machine includes 30 lb DOT tank, sight-glass, R1234yf low side coupler, oil drain bottle & R1234yf blue & yellow hose ^Δ

- 69360-22** Twin Turbo Recovery Machine for Refrigeration Trucks ^Δ

- 69365** R134a Complete Twin Turbo Recovery Machine with 50 lb DOT Tank for bus and fleet applications ^Δ

- 69372** R134a/R1234yf Complete A/C Recovery Set ^Δ

- 69400-CON** Refrigerant Recovery Machine for Contaminated R134a and R1234yf ^Δ

COMPATIBLE WITH COMBUSTIBLE GASES



69400-CON

YF
COMPATIBLE

YF
COMPATIBLE

COMPATIBLE WITH COMBUSTIBLE GASES

69360-YF

REFRIGERANT IDENTIFIERS

- 69134-A** Refrigerant Identifier for R134a ^Δ

- 691234YF-MINI** Mini ID Refrigerant Identifier for R1234yf
 - Keeps equipment safe
 - Prevents contamination
 - Detects air contamination ^Δ



69134-A

691234YF-MINI

REFRIGERANT CYLINDERS

- 67010** 30 lb Refrigerant Recovery Cylinder with float switch ^Δ

- 66011** 50 lb Refrigerant Recovery Cylinder with float switch ^Δ



67010

66011



VACUUM PUMPS & SCALES



90062-BL

90066-2V-110-BL

98210-BL



- 90065** Elite Ball Bearing Vacuum Pump 5 CFM Two Stage ^Δ

- 90059-BL** BLACK SERIES 1.8 CFM Vacuum Pump (Single Stage) ^Δ

- 90062-BL** BLACK SERIES 3 CFM Vacuum Pump (Single Stage) ^Δ

- 90066-BL** BLACK SERIES 6 CFM Vacuum Pump (Single Stage) ^Δ

- 90066-BL-SF** BLACK SERIES SPARK FREE 6 CFM Vacuum Pump (Single Stage) ^Δ

- 90063-2V-110-BL** BLACK SERIES 3 CFM Vacuum Pump (Two Stage) ^Δ

- 90066-2V-110-BL** BLACK SERIES 6 CFM Vacuum Pump (Two Stage) ^Δ

- 90068-2V-110-BL** BLACK SERIES 8 CFM Vacuum Pump (Two Stage) ^Δ

- 90612-2V-110-BL** BLACK SERIES 12 CFM Vacuum Pump (Two Stage) ^Δ

- 90058-A-AUT** 18 Volt Cordless, 1.5 CFM, 2 Stage Vacuum Pump ^Δ

- 90058-AUT-5A** 18 Volt Cordless, 1.5 CFM, 2 Stage Vacuum Pump Kit ^Δ

- 98210-BL** BLACK SERIES Electronic Charging Scale with Bluetooth® Wireless Technology ^Δ

COMBO KITS

- 55900-COMBOKIT** Electronic Leak Detector Combo Kit Includes Dual R134a/R1234yf Manifold and Electronic Leak Detector ^Δ



- 90066-SF KIT** Dual R134a and R1234yf Evacuation and Charging Combo Kit ^Δ





ELECTRONIC LEAK DETECTION



56200



56100

Raptor Refrigerant Leak Detector

- 3 levels of sensitivity (5 levels of detection) [▲]

56200

Raptor Refrigerant Leak Detector with UV Blue Light

- 6 levels of sensitivity (15 levels of detection) [▲]

IntellaSense II
REFRIGERANT LEAK DETECTOR

- Meets and exceeds J2791 & J2913
- Detects all refrigerants
- Sensitivity as low as ≥ 0.50 oz/yr

55900

IntellaSense II Refrigerant Leak Detector, 2 "D" Batteries, leak test vial & replacement filters [▲]



55900

Black Series

PROVIDING A RELIABLE SOLUTION TO FINDING SENSITIVE LEAKS

- Innovative infrared sensor offers an extended sensor life of 10 years
- Maximum sensitivity up to 0.14 oz/yr
- Designed to meet EN14624, SAE1627, SAE2791 and SAE2913 standards
- Smart sensor technology allows for the selection of popular refrigerants such as R134a, R404a, R407C, R410A and R1234yf with a default setting that detects all HFC's, HCFC's, CFC's, PFC's and HFO's

55600-A

Black Series Infrared Refrigerant Leak Detector packaged in a zippered carry case [▲]

55600-A



UV LEAK DETECTION

53351

Professional UV Leak Locator Kit [▲]

Rechargeable UV Flashlight Kit (53518-UV) (110V Charger) includes: rechargeable UV light, batteries, battery holder,

53451-110

2 oz concentrated universal A/C fluorescent dye (25 applications) (53625), refillable 2 oz dye injector (53123), 4 oz dye remover (53314), 25 service information labels, UV safety glasses [▲]

53513-UV

Mini UV Flashlight [▲]

53516

4 Bulb Flex Wand Flashlight [▲]

53518-UV

Rechargeable UV Flashlight

Mini UV Flashlight (53513-UV) Kit includes:

1 oz die injector with replaceable 1 oz die cartridge (10 applications), low side hose, R12 adapter, UV safety glasses, service information labels [▲]

53583



53516



53513-UV

53583

53451-110

FLUSH

53376

R134a Visual Inspection Sight Glass with R134a Quick Couplers [▲]

53376-YF

R1234yf Visual Inspection Sight Glass with R1234yf Quick Couplers [▲]

53377

R134a Visual Inspection Sight Glass with R134a Manual Couplers [▲]

53377-YF

R1234yf Visual Inspection Sight Glass with R1234yf Manual Couplers [▲]



53376

53376-YF

OILS/DYES/INJECTORS

82375 R134a Oil Injector [▲]

53123 UV Dye Injector (Refillable Type) [▲]

53123-YF Refillable R1234yf Oil/Dye Injector comes complete with a R1234yf coupler [▲]

53223 UV Dye Injector (Cartridge Type) [▲]

53223-YF R1234yf Universal Dye Injector [▲]

92707 Hybrid A/C Compressor Oil

53615-A Auto A/C Master Leak Shield (1 oz can) (does not contain refrigerant) [▲]

53909 Mini Auto A/C Master Leak Shield Dye Injector [▲]

53910 Auto A/C Master Leak Shield 1 oz replacement cartridge [▲]

53593 Mini UV Flashlight Kit includes: 53513-UV mini UV flashlight, "cartridge type" 1 oz injector with auto A/C master leak shield sealant with dye, low side hose, R12 adapter, UV safety glasses, service information labels [▲]

53223-YF

53123

53123-YF

53223

53615-A

YF COMPATIBLE

53593

53910

53909



• INCLUDES INTERNAL COMPRESSOR •

SMOKE MACHINES

- 43066** **Digital Dual Smoke Machine** displays digital readouts for evap and high pressure testing ^Δ2
- 43060-EV** **EVAP Diagnostic Smoke Machine** (with internal compressor) ^Δ1 43060-EV
- 43060-HD** **Heavy Duty Truck Diagnostic Smoke Machine** ^Δ1
- 43060-TB** **Turbo/Intake Diagnostic Smoke Machine** (with internal compressor) ^Δ1
- 43065** **Dual Evap/High Pressure Diagnostic Smoke Machine** (with internal compressor) ^Δ1
- 43070** **Dual Evap/High Pressure Diagnostic Smoke Machine With Truck Adapter Accessory Kit** (with internal compressor) ^Δ1

ADAPTER KITS

- 43060-UHA** **Heavy Duty/Truck Smoke Machine Universal Cooling System Adapter Kit** ^Δ1
- 43060-UTA** **High Pressure/Turbo Smoke Machine Universal Cooling System Adapter Kit** ^Δ1

TEMPERATURE MEASUREMENT

- 52220** **1" Analog Thermometer** 0 to 220°F
- 52223-A** **1" Digital Thermometer** -58 to 302°F
- 52224-A-SP** **12:1 Infrared Thermometer with Circular Laser** -58 to 1022°F with free 52220
- 52224-CC** **12:1 Infrared Thermometer with Circular Laser** -76 to 1400°F
- 52225-MED** **Multi-Function Medical/Surface Infrared Thermometer**
- 52234-BT** **Digital Thermometer/Hygrometer** with Bluetooth® Wireless Technology

52220 1" Analog Thermometer

52223-A 1" Digital Thermometer

52224-A-SP 12:1 Infrared Thermometer with Circular Laser

52224-CC 12:1 Infrared Thermometer with Circular Laser

52225-MED Multi-Function Medical/Surface Infrared Thermometer

52234-BT Digital Thermometer/Hygrometer with Bluetooth® Wireless Technology

52325 **Thermal Imaging Camera** with carry case, 8 gb micro SD card, CD, USB cord, batteries and instructions

Download on the App Store
GET IT ON Google Play

NITROGEN PRESSURE REGULATOR

- 53010-AUT** **Pressure Testing Regulator Kit**
 - 53001 nitrogen pressure regulator
 - 38" yellow charging hose
 - Leak testing adapter
 - High side standard R134a 1/4" FL-M x 16mm economy coupler
 - Blow molded case ^Δ1

- 53042-YF** **Leak Testing Adapter For R1234yf** ^Δ1



PRESSURE TESTING

- 43300** **14 Piece Universal Cooling System Pressure Test Kit** includes hand pump, thermometer and 12 adapters ^Δ1
- 43301-A** **27 Piece Master Radiator Pressure Test Kit** includes 1 blue radiator cap test connector R123/R125, 1 black radiator cap test connector R123/R124, 1 thermometer, 1 universal radiator cap, 1 vacuum purge and refill tool, coolant hose and additional installation accessories, hand pump and 19 adapters ^Δ1
- 43302** **25 Piece Master Cooling System Pressure Test Kit** includes blue and black radiator cap test connectors, hand pump, thermometer and 21 adapters ^Δ1
- 43305** **10 Piece Cooling System Pressure Test Adapter Kit** (Adapter update kit to be used with 43300) includes blue and black radiator cap test connectors, 8 adapters ^Δ1
- 43306** **Heavy Duty Cooling System Pressure Test & Refill Kit** includes heavy duty vehicle adapters, pressure test regulator, vacuum refill attachment with tubing in a plastic case ^Δ1
- 43012** **Cooling System Vacuum Purge and Refill Kit** includes vacuum gauge, sealing collar, valve, quick coupling, venturi style vacuum, 3 rubber gaskets, coolant hose and drain hose
- 43013** **Vacuum Type Cooling System Filler Kit** includes vacuum purge and refill tool, coolant hose, 1 universal radiator cap ^Δ1
- 43014** **Vacuum Type Cooling System Filler Kit** includes vacuum gauge, shop air connector, air valve, venturi style vacuum, conical adapter, coolant hose with connector and coolant valve, drain hose ^Δ1
- 43705** **Refractometer** includes storage case, fluid dropper and calibration screw driver ^Δ1
- 43301-PTA** **Universal Cooling System Adapter Kit** ^Δ1



TUBE WORKING TOOLS



- 70027 Mini Tube Cutter
- 70030 Ratchet Style Tube Cutter
- 70033 Heavy Duty Tube Cutter (1/8" to 1 1/8")
- 70053 Flaring & Swaging Tool Set
- 70069-A 4 IN 1 Tube Bender
- 70092 Cutting, Flaring & Double Flaring Tool Set
- 71100 ISO Metric Bubble Flaring Tool Set
- 72300 Push Connect & Double Flaring Tool Set ^Δ
- 72400 GM Fuel Line Flaring Tool Set ^Δ
- 72450 Double & Metric Bubble Flaring Tool Set ^Δ
- 72475 Universal Hydraulic Flaring Tool Set ^Δ
- 72480 37° Flaring & Double Flaring Hydraulic Tool Kit ^Δ
- 72485 Universal Hydraulic Flaring Tool Set with 3/8" and 1/2" GM Transmission Cooling Line Die and Adapter Sets ^Δ
- 71098 37° Flaring & Double Flaring Adapter Set
- 71099-TC 3/8" GM Transmission Cooling Line Die & Adapter Set
- 71099-06 3/8" GM Transmission Cooling Line Adapter
- 71099-16 3/8" GM Transmission Cooling Line Die
- 71099-TC8 1/2" GM Transmission Cooling Line Die & Adapter Set
- 71099-08 1/2" GM Transmission Cooling Line Adapter
- 71099-18 1/2" GM Transmission Cooling Line Die



70027



70030



70033



70053



70069-A



72400



72450



72475



72480



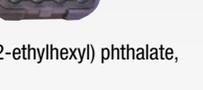
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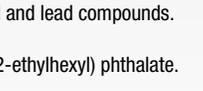
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71099-TC



71099-06



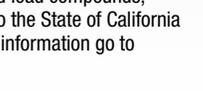
71099-16



71099-TC8



71099-08



71099-18



71500-A

A/C HOSE CRIMPERS

71500-A Hydra-Krimp Deluxe A/C Hose Crimper ^Δ

71550 A/C Hose Crimper Kit ^Δ

71550



BRAKE TOOLS

- 43050 Air Powered Brake Caliper Wind Back Tool Kit
Pneumatic single piston press shaft operation allows one technician to perform the brake job ^Δ
- 43051 Air Powered Brake Caliper Wind Back Tool ^Δ
- 43058 Drum Brake Hold-Down Spring Pliers ^Δ



43050



43051

43058

BLOWER FANS

- 21200-A 1200 CFM Blower Fan
 - Moves air up to: 1200 CFM
 - 4-position adjustment feet ^Δ
- 20300-A 300 CFM Blower Fan
 - Moves air up to: 300 CFM
 - 4-position adjustment feet ^Δ
- 20300-HTR Heater Attachment for 300 CFM Blower Fan ^Δ



20300-HTR

21200-A

20300-A

California Warning:

- ^Δ **WARNING:** Risk of cancer and reproductive harm from exposure to Di (2-ethylhexyl) phthalate, lead and lead compounds. See www.P65Warnings.ca.gov
- ^Δ **WARNING:** Risk of cancer and reproductive harm from exposure to lead and lead compounds. See www.P65Warnings.ca.gov
- ^Δ **WARNING:** Risk of cancer and reproductive harm from exposure to Di (2-ethylhexyl) phthalate. See www.P65Warnings.ca.gov
- ^Δ **WARNING:** This product can expose you to Diisodecyl phthalate which is known to the State of California to cause birth defects or other reproductive harm. For more information www.P65Warnings.ca.gov.
- ^Δ **WARNING:** This product can expose you to chemicals including lead and lead compounds and Diisodecyl phthalate, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
- ^Δ **WARNING:** This product can expose you to chemicals including lead and lead compounds, Diisodecyl phthalate and Di (2-ethylhexyl) phthalate, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov