

AUTOMOTIVE PROMOTION



2025



INTUITIVE DESIGN,
ELEVATED EFFICIENCY, IMPROVED PERFORMANCE

ARCTIC COMMANDER 2.0

RECOVERY/RECYCLE/RECHARGE MACHINES

- 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)

COMMANDER-DB24

COMMANDER DATABASE Update to 2023

- TRUSTED AND ACCURATE - Driven by premier supplier Motor Information Systems
- COMPLETE DATABASE - Covers 1994 to 2023 domestic and import cars, trucks, vans, and SUVs
- COMPREHENSIVE DATA - Refrigerant capacities including both single and dual systems



99935



COMMANDER-DB24

MC-TANKBRKT-2

NEW



91788

MC-TANKBRKT-2

Magnet Stabilizer Tank Bracket

Protects the COMMANDER scale from recalibrating during transit

EFFORTLESS PERFORMANCE. UNMATCHED ACCURACY

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

- Large, color 4.3" touchscreen LCD display
- Automatic shut-off
- Unit conversions (lbs., oz., kg, and ml)
- Extensive pressure readings (psi, bar, Mpa, Kg/cm2, and kpa)
- Easy-to-read digital or analog and vacuum display
- Built-in refrigerant database
- Field calibration & zero out

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)

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)



Black Series

Mini-fold

COMPACT MANIFOLD WITH FRONT MOUNTED HOSE HOLDERS ALLOWS FOR PRECISE CALCULATIONS IN THE PALM OF YOUR HAND

- 84472 R134a Mini-fold Compact 2-Way Manifold with 3-72" hoses and R134a manual couplers (82834, 82934) in a zippered carry case
- 82172 R1234yf Mini-fold Compact 2-Way Manifold with 3-72" hoses and R1234yf manual couplers (83834, 83934) in a zippered carry case

- Compact black anodized aluminum block with matte chrome fittings offer an extremely portable solution to fit the needs of every busy technician
- Easily perform pressure/temperature calculations for up to 91 different refrigerants including R134a, R410a and R22 refrigerants
- Unit conversion between MPa, kPa, bar, psi, kg/cm², inHg
- Large 4-digit "blue" back-lit LCD display provides vibrant readings in even the darkest of environments
- Displays alarm indication when over range, celcius or fahrenheit designation and low battery warning directly on the LCD screen



82172

MANIFOLDS



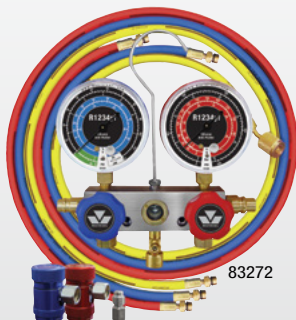
98660-PROM



89661-AYF



89661-PRO



83272



MC-HANGER

R1234yf/R134a MANIFOLDS

- 89661-AYF 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
- 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

R1234yf MANIFOLDS

- 83272 R1234yf Aluminum Manifold: R1234yf couplers with 72" hoses
- 81661 R1234yf Brass Manifold: R1234yf couplers with 60" hoses

R134a BRASS MANIFOLDS

- 66661 R134a Brass Manifold: standard couplers with 3-60" hoses
- 66773 R134a Brass Manifold: standard couplers with 3-72" hoses

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

R134a ALUMINUM MANIFOLD, 3 1/8" GAUGES

- 89172 2 Way R134a Aluminum Manifold: manual couplers with 72" hoses

R134a ALUMINUM MANIFOLDS, 2 1/2" GAUGES

- 89660-PRO5 R134a Aluminum Manifold: 60" hoses, standard couplers w/ free 85530
- 89661-PRO R134a Aluminum Manifold: 60" hoses, manual couplers w/ free 85530
- 89661-UV R134a Aluminum Manifold, 60" hoses, manual couplers and 10 application mini dye injector
- 89660-UV R134a Aluminum Manifold, 60" hoses, standard couplers and 10 application mini dye injector

MC-HANGER Mastercool Heavy-Duty Magnetic Hanger

COUPLERS

- 67434 High Side R1234yf Quick Coupler
- 67534 Low Side R1234yf Quick Coupler
- 67434-E **NEW** High Side 1/4" to R1234yf Conversion Coupler
- 67534-E **NEW** Low Side 1/4" to R1234yf Conversion Coupler
- 67736-K **NEW** 1/4" FL to R1234yf Conversion Kit
- 82834 High Side R134a Manual Coupler
- 82934 Low Side R134a Manual Coupler
- 83834 High Side R1234yf Coupler
- 83934 Low Side R1234yf Coupler
- 82834-SL High Side R134a Manual Safety Lock Coupler
- 82934-SL Low Side R134a Manual Safety Lock Coupler
- 83736-K Deluxe R134a/R1234yf Conversion Kit
- 84834-C02 High Side R744 Coupler
- 84934-C02 Low Side R744 Coupler



67434

67434-E

67534

83736-K

82834 82934

83834 83934

84834-C02

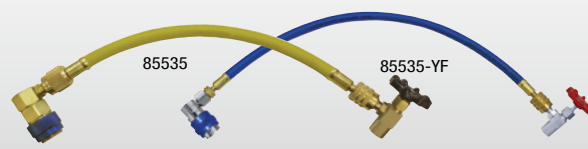
84934-C02

SERVICE TOOLS

- 85510 R134a Piercing Design Can Tap Valve
- 85512 R134a Self-Sealing Can Tap Valve
- 85525 R134a Piercing Design Recharge Kit
- 85535 R134a Self-Sealing Design Recharge Kit
- 85510-YF R1234yf Piercing Design Can Tap Valve
- 85512-YF R1234yf Self-Sealing Can Tap Valve
- 85525-YF R1234yf Piercing Design Recharge Kit
- 85535-YF R1234yf Self-Sealing Design Recharge Kit

85512-YF

85512



85535

85535-YF

REFRIGERANT RECOVERY

- 69100** Complete A/C Recovery System

- 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

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

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

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

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



COMPATIBLE WITH COMBUSTIBLE GASES

COMPATIBLE WITH COMBUSTIBLE GASES

VACUUM PUMPS & SCALES



90063-2V-110-BL 90066-2V-110-BL 90068-2V-110-BL

Download on the App Store

GET IT ON Google Play

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

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

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

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

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

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

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

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

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

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

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

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

COMBO KITS



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



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

REFRIGERANT IDENTIFIERS

69134-A
Refrigerant Identifier for R134a



69134-A

691234YF-MINI

691234YF-MINI
Mini ID Refrigerant Identifier for R1234yf

- Keeps equipment safe
- Prevents contamination
- Detects air contamination

REFRIGERANT RECOVERY CYLINDERS

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

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



67010

66011

VALVE CORE TOOLS




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

- 58490-YF Universal R1234yf Master Kit

- 81290 R134a Universal Large Bore w/Core Remover

- 81490 R134a Valve Core Remover Installer

- 91290 Universal Valve Core Tool 91290 

LEAK DETECTION



- 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

- 55900 IntellaSense II Refrigerant Leak Detector, 2 "D" Batteries, leak test vial & replacement filters

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

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



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



UV LEAK DETECTION

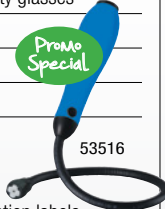
- 53351 Professional UV Leak Locator Kit
 - Rechargeable UV Flashlight Kit (53518-UV) (110V Charger) includes: rechargeable UV light, batteries, battery holder,

- 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



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



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

THERMAL IMAGING CAMERA

52325

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



52224-A-SP



52225-MED



52224-CC



52234-BT

52220



52223-A



COOLING SYSTEM TESTING

- 43300 14 Piece Universal Cooling System Pressure Test Kit includes hand pump, thermometer and 12 adapters (No.'s 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13) to fit most popular domestic and import cars and trucks
- 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 (No.'s 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22 and 23) to fit most popular domestic and import cars and trucks
- 43302 25 Piece Master Cooling System Pressure Test Kit includes blue and black radiator cap test connectors, hand pump, thermometer and 21 adapters (No.'s 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23) to fit most popular domestic and import cars and trucks
- 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 (No.'s 14, 15, 16, 17, 18, 19, 20, 21) to fit most popular domestic and import cars and trucks
- 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
- 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
- 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
- 43705 Refractometer includes storage case, fluid dropper and calibration screw driver
- 43301-PTA Universal Cooling System Adapter Kit



43301-A



43306



43012



43705



43301-PTA

BLOWER FANS

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



21200-A

20300-HTR

20300-A

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
- 43051** Air Powered Brake Caliper Wind Back Tool
- 43058** Drum Brake Hold-Down Spring Pliers



A/C HOSE CRIMPERS

- 71500-A** Hydra-Krimp Deluxe A/C Hose Crimper
- 71550** A/C Hose Crimper Kit

71550



71500-A

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

- 53042-YF**
Leak Testing Adapter For R1234yf



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
- 72400** GM Fuel Line Flaring Tool Set
- 72450** Double & Metric Bubble Flaring Tool Set
- 72475** Universal Hydraulic Flaring Tool Set
- 72480** 37° Flaring & Double Flaring Hydraulic Tool Kit
- 72485** Universal Hydraulic Flaring Tool Set with 3/8" and 1/2" GM Transmission Cooling Line Die and Adapter Sets
- 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



72475



71098



71099-TC8



71099-TC



72485



70069-A



70053



70027



70030

DIAGNOSTIC SMOKE MACHINES

Compact, heavy-duty design for years of reliable service

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



NEW

43066



43060-UHA



43060-UTA

• INCLUDES INTERNAL COMPRESSOR •



ADAPTER KITS

- 43060-UHA**
Heavy Duty/Truck Smoke Machine Universal Cooling System Adapter Kit

- 43060-UTA**
High Pressure/Turbo Smoke Machine Universal Cooling System Adapter Kit