

MANUAL COUPLERS

»POPULAR«



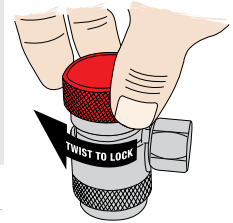
Patented manual couplers adjust easily to R134a service ports with varying dimensions. All metal construction for extra durability. Patented, spring loaded depressor will not damage service valves. Can be removed from service ports regardless of knob position without losing refrigerant. Meets SAE, UL and EPA requirements for containment of refrigerant. Color coded. **PATENT# 5,370,359**

- 82834** High-side manual R134a 14 mm-F x 16 mm quick coupler
- 82934** Low-side manual R134a 14 mm-F x 13 mm quick coupler
- 82834-E** High-side manual R134a 1/4" FL-M x 16 mm quick coupler
- 82934-E** Low-Side manual R134a 1/4" FL-M x 13 mm quick coupler
- 80034** O-ring for 16 mm quick coupler (10 pcs)
- 80134** O-ring for 13 mm quick coupler (10 pcs)

SAFETY-LOCK MANUAL COUPLERS



Mastercool's safety-lock manual couplers are designed for use on all R134a systems. This unique design allows the technician to work on the system without the worry of accidentally disconnecting the hose regardless of movement. Once the coupler is connected to the system, the safety-lock sleeve slides into place guaranteeing that the coupler cannot be taken off without unscrewing the manual valve. Meets all SAE, UL and EPA requirements for containment of refrigerant. Color coded.



- 82834-SL** High side manual R134a 14 mm-F x 16 mm safety lock coupler
- 82934-SL** Low side manual R134a 14 mm-F x 13 mm safety lock coupler
- 82834-SL-E** High side manual R134a 1/4" FL-M x 16 mm safety lock coupler
- 82934-SL-E** Low side manual R134a 1/4" FL-M x 13 mm safety lock coupler
- 80034** O-ring for 16 mm quick coupler (10 pcs)
- 80134** O-ring for 13 mm quick coupler (10 pcs)

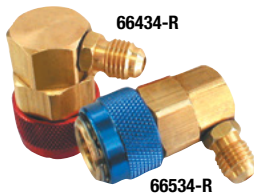
E-Z SNAP™ COUPLERS



This unique patented design easily snaps on and off the A/C systems service ports under any pressure. The E-Z Snap™ automatically adjusts to various service port dimensions allowing fast and immediate access into the A/C system. The swivel feature enables the user to easily access all service ports, even in the tightest quarters. Meets SAE, UL, and EPA requirements for containment of refrigerant. **PATENT# 5,244,010**

- 82214** High-side E-Z Snap R134a 14 mm-F x 16 mm quick coupler
- 82224** Low-side E-Z Snap R134a 14 mm-F x 13 mm quick coupler
- 82214-E** High-side E-Z Snap R134a 1/4" FL-M x 16 mm quick coupler
- 82224-E** Low-side E-Z Snap R134a 1/4" FL-M x 13 mm quick coupler
- 80034** O-ring for 16 mm quick coupler (10 pcs)
- 80134** O-ring for 13 mm quick coupler (10 pcs)

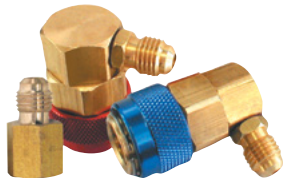
ECONOMY COUPLERS



Specially designed to work in the tightest quarters. Snaps easily to A/C service ports.

- 66434-R** High side R134a 1/4" FL-M x 16 mm economy coupler
- 66534-R** Low side R134a 1/4" FL-M x 13 mm economy coupler
- 60034-10** O-ring for 66434 (10 pcs)
- 60134-10** O-ring for 66534 (10 pcs)

98370 R134a CONVERSION KIT



Includes high and low side R134a couplers and R134a tank adapter.

NITROGEN PRESSURE REGULATOR



Mastercool's nitrogen regulator is specifically designed to meet the specifications of HVAC/R and automotive A/C systems. This single stage nitrogen regulator is used to test systems for leaks when they do not contain refrigerant.

- 1/4" SAE flare outlet port, with control valve, to keep pressure on the regulator at all times
- T-Handle for ease of pressure adjustment
- 63 mm (2 1/2") gauges with guards
- High pressure gauge 4400 psig (300 bar)
- Low pressure gauge 1000 psig (70 bar)

53001 CGA580 (US) Standard, 1/4 FL-M outlet connection

- 53010-AUT** Pressure Testing Regulator Kit
- 53001 nitrogen pressure regulator
 - CGA580 (US) standard
 - 1/4 FL-M outlet connection
 - 38" yellow charging hose (47382)
 - Leak testing adapter (53042)
 - High side standard R134a, 1/4" FL-M x 16 mm economy coupler (66434-R)
 - Blow molded case (53000-PB)

OPTIONAL ACCESSORIES

66434-R High side R134a 1/4" FL-M x 16mm economy coupler

82834-E High side manual R134a 1/4" FL-M x 16 mm coupler

90413 R410a straight adapter 1/4" FL-M x 5/16" swivel-F

53042 Leak testing adapter

53000-42 Leak testing gauge

53000-70 Low pressure regulator gauge

53000-300 High pressure regulator gauge

47382 38" yellow charging hose

93254-E Black gauge guard

53000-W Teflon washer

53042-YF LEAK TESTING ADAPTER FOR R1234yf



- 80 mm gauge
- R1234yf low side coupler