



Mastercool[®]
"World Class Quality"

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82894 R134a MANUAL COUPLER KIT



**ONE-PIECE
FORGED BRASS**
No welds.
No weak points



NO LOSS DISCONNECT
Remove the coupler from
any position without
losing refrigerant



DEPRESSOR
Calibrated to reach
max valve core depth
specified by SAE

SPECIFICATIONS:

- **Compliance:** Meets SAE, UL & EPA requirements for refrigerant containment
- **Body:** One-piece forged, nickel-plated brass
- **Construction:** All-metal, no plastic components
- **High Side:** 14mm-F x 16mm Service Port Major Diameter
- **Low Side:** 14mm-F x 13mm Service Port Major Diameter
- **Hex:** Precision-machined 18mm across flats
- **Color Coded:** Red (high side) / Blue (low side)

FORGED BRASS. PRECISION ENGINEERED. BUILT TO PROTECT EVERY CONNECTION.

Mastercool's R134a Manual Coupler Kit starts with a single forged brass body — no welded seam, no joint, no weak point. Every dimension, from the seal gland to the hex, is engineered to spec rather than left to chance, giving technicians a coupler that adjusts easily to varying service port dimensions, seals right, and protects the valve core on every connection.

FEATURES:

- **One-Piece Forged Brass Body:** No welded seam like a two-piece machined body — just solid, forged brass holding its shape and seal integrity through years of daily use
- **No Loss Disconnect:** Removes the coupler at any knob position without losing refrigerant, thanks to a patented internal sealing mechanism
- **Patented Spring-Loaded Depressor:** Manufactured to reach the maximum valve core depth specified by SAE guidelines, ensuring reliable, consistent engagement across standard service ports
- **Precision-Machined 18mm Hex:** Machined to a true 18mm after forging, so a standard wrench seats perfectly every time — no rounded corners, no slipping
- **Nickel-Plated Brass:** Protects the body from corrosion and discoloration through years of shop use
- **All-Metal Construction:** No plastic components, built to hold up to drops, impacts, and daily wear
- **Meets SAE, UL and EPA Requirements:** For containment of refrigerant

82894 R134a Manual Coupler Kit

includes 82834 High-Side Manual R134a Coupler (14 mm-F x 16 mm) and 82934 Low-Side Manual R134a Coupler (14 mm-F x 13 mm)