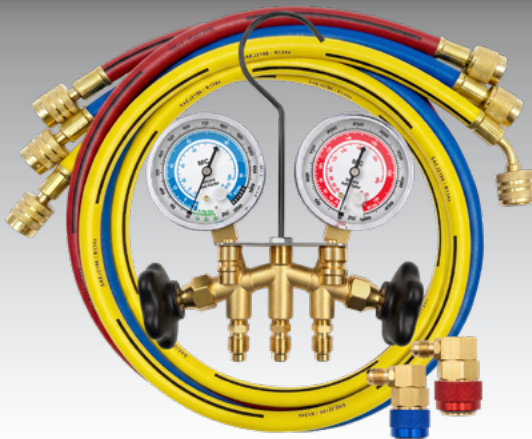




**Mastercool**<sup>®</sup> Inc.  
"World Class Quality"

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PHONE: 973-252-9119 / FAX: 973-252-2455  
WEB: WWW.MASTERCOOL.COM

## R134A 2-WAY BRASS MANIFOLD GAUGE SETS WITH CONVERSION HOSES



### 66660A

R134a 2-Way Brass Manifold Gauge Set (2 1/2" gauges) includes (1) 60" yellow hose (1/2" ACME-F with auto-shut-off valve), (2) 36" red and blue conversion hoses (1/2" ACME-F x 1/4") and R134a economy couplers packaged in a clamshell



**LEAK FREE  
PERFORMANCE**



**HEAVY-DUTY  
DURABILITY**



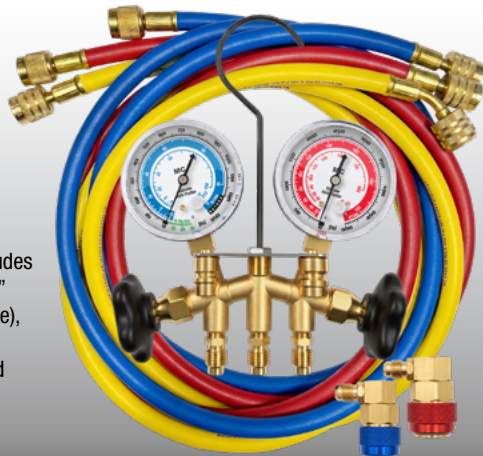
**ERGONOMIC  
5-LOBE KNOBS**



**ANTI-FLUTTER  
GAUGES**

### 66661A

R134a 2-Way Brass Manifold Gauge Set (2 1/2" gauges) includes (3) 60" hoses (yellow hose (1/2" ACME-F with auto-shut-off valve), red and blue conversion hoses (1/2" ACME-F x 1/4") and R134a economy couplers packaged in a clamshell



### SPECIFICATIONS

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| • <b>Manifold Body with Gauges:</b>   | 80103A                               |
| • <b>Refrigerant Compatibility:</b>   | R134a/R12                            |
| • <b>Manifold Body:</b>               | Heavy-duty forged brass              |
| • <b>Valve Type:</b>                  | Free-floating piston                 |
| • <b>Gauge Diameter:</b>              | 2 1/2"                               |
| • <b>Gauge Class:</b>                 | 1.6                                  |
| • <b>Units:</b>                       | PSI / °F                             |
| • <b>Low-Side Range:</b>              | 30 inHg - 120 PSI (Retard 350 PSI)   |
| • <b>High-Side Range:</b>             | 0 - 500 PSI                          |
| • <b>Port Connections:</b>            | 1/2" ACME (3 ports)                  |
| • <b>Control Knobs:</b>               | 5-lobe phenolic with brass insert    |
| • <b>Gauge Housing:</b>               | Black metal                          |
| • <b>Hose Storage:</b>                | Integrated hanger with retention nut |
| • <b>Gauges:</b>                      | 85350 / 85500                        |
| • <b>Optional Gauge Guards:</b>       | Add "-G" suffix                      |
| • <b>Replacement O-Rings:</b>         | 34215A                               |
| • <b>Replacement Seal &amp; Seat:</b> | 34216A                               |

The redesigned Mastercool heavy-duty 2-way brass manifold is engineered for everyday automotive and HVAC/R service. Machined from heavy-duty forged brass to the tightest tolerances in its class, this manifold has been upgraded with the features that matter most when you're in the field: a completely overhauled internal sealing system. By optimizing gland geometry, tightening bore tolerances, and refining the free-floating piston design, we have eliminated valve play to deliver an ultra-reliable, leak-free seal technicians can rely on year after year.

Built for the field, it also features upgraded, ergonomic brass-reinforced 5-lobe control knobs for a solid grip, alongside a reinforced hanger and hose bracket retention nut for long-term assembly stability. This manifold delivers the straightforward precision, durability, and reliability you need to get the job done right.

- **Advanced Piston & Sealing Performance:** Features optimized gland geometry, improved bore tolerance control, and an updated piston slot design to eliminate valve play and ensure a consistent, leak-free seal—the ultimate long-term reliability upgrade for active technicians.
- **Heavy-Duty Forged Brass Body:** Machined to tight tolerances for superior strength and reliable performance in demanding field environments.
- **Ergonomic 5-Lobe Phenolic Knobs:** Contoured shape with brass-reinforced inserts ensures a secure, comfortable grip and smooth valve rotation, even when working with gloves or oily hands.
- **Reinforced Hanger & Hose Bracket:** Upgraded retention hardware keeps the hanger hook and hose bracket assembly securely locked in place, preventing shifting or loosening over time.
- **Anti-Flutter Gauges:** Silicone-dampened anti-flutter technology stabilizes needle movement for accurate, confident readings; Housed in a rugged black metal casing with field-recalibration capability.
- **Intuitive Color Identification:** Standard red (high-side) and blue (low-side) gauge faces for quick system recognition.
- **Integrated Hose Storage:** Built-in hose holder keeps service hoses organized and accessible on the job

