



Mastercool[®] Inc.
"World Class Quality"

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53010-AUT AUTOMOTIVE NITROGEN PRESSURE REGULATOR



SPECIFICATIONS:

- 1/4" FL-M 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)

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

Test Systems For Leaks When They Do Not Contain Refrigerant

- **TIME SAVING TOOL:** No need to add refrigerant, to search for a leak with UV dye or an electronic leak detector
- **NO NEED TO RECOVER THE REFRIGERANT:** This unit will pressurize an empty system allowing the user to easily find a leak
- **WHEN FINISHED SIMPLY REMOVE THE VALVE CORE:** To release the inert nitrogen gas
- **CAN BE USED FOR ALL APPLICATIONS:** Requiring a 1/4" connection (HVAC, R12, R22, etc.) as well as R134a applications

All The Tools Necessary For Testing A System

- **Nitrogen Pressure Regulator** – Single stage nitrogen pressure regulator made of extremely high quality materials has a 1/4 FL-M outlet connection and CGA580 (US) standard fitting.
- **Charging Hose** – 38" yellow nylon barrier charging hose (1/4" x 1/4") with a working pressure of 800 psi and a burst pressure of 4000 psi. Meets all EPA, SAE and UL requirements for containment of refrigerant.
- **Leak Testing Adapter** – Leak testing adapter includes 1/4" SAE hose connector with pressure gauge and ball valve adapter. Allows in-line connection for accurate pressure testing during the insertion of nitrogen. (700 psi / 50 bar gauge.)
- **High Side R134a Coupler** – High Side R134a 1/4" FL-M x 16mm economy coupler is specially designed to work in the tightest quarters and snaps easily to A/C service ports.

53010-AUT: Automotive Pressure Testing Regular Kit includes 53001 Nitrogen Pressure Regulator (Standard CGA580) (US), 38" Yellow Charging Hose (47382), Leak Testing Adapter (53042), High Side R134a 1/4" FL-M x 16mm Economy Coupler (66434-R), Blow molded case (53000-PB)