



# Technical Service Information

## **CHYRSLER 42RLE CONVERTER CLUTCH SLIP CODE P0740 STORED**

**COMPLAINT:** A 2008 Chrysler 300 with the 2.7 Liter Engine and 42RLE transmission has a complaint of P0740 “Torque Converter Clutch Malfunction” stored. In addition the converter clutch release pressure increases and the code resets only when the vehicles air conditioning system is turned on.

**CAUSE:** The air conditioning system had been overcharged and was indicating a high side pressure of over 300 psi and a low side pressure of over 140 psi. This apparently affected engine load which caused the PCM to interpret this as converter slip. Similar complaints occur when a torque converter of the incorrect stall speed is installed.

**CORRECTION:** Evacuate the air conditioning system and recharge with the correct refrigerant by weight.

### **SERVICE INFORMATION:**

High pressure on both sides of the system is generally caused by one of three things:

- An overcharge of refrigerant.
- Air in the system.
- Insufficient air flow through the condenser.

If the vehicle has been topped off with refrigerant, there may be air in the system and there is no way to know how much refrigerant is in the system. Correct refrigerant quantity is always measured by weight. The high gauge readings are just an indication of overcharge, they don't tell how much it is overcharged. It is always best to evacuate a system and recharge with the correct quantity as specified by the under-hood label.

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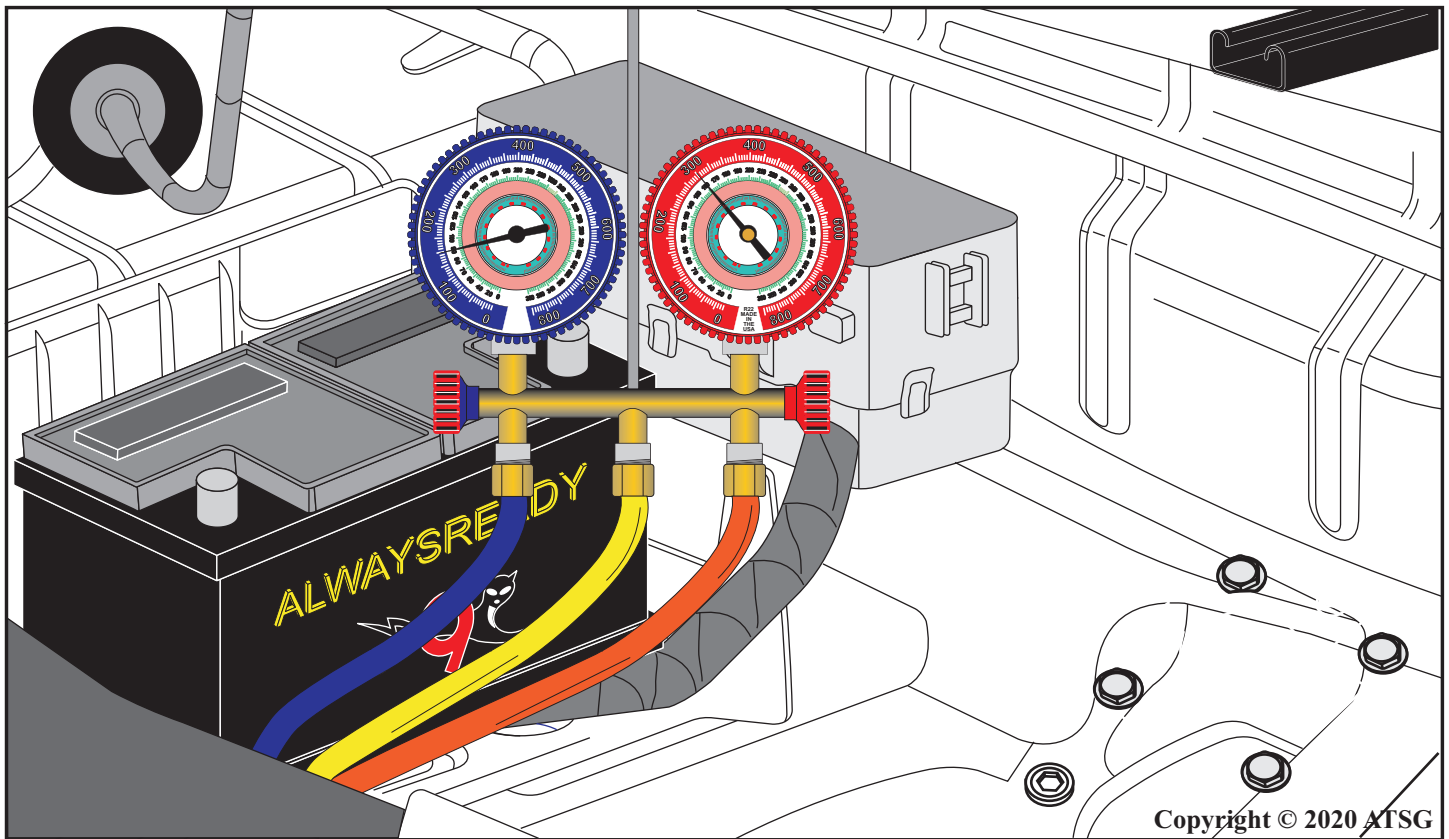


Figure 1