

Air Conditioning (A/C) Refrigerant Pressure Sensor Replacement

Tools Required

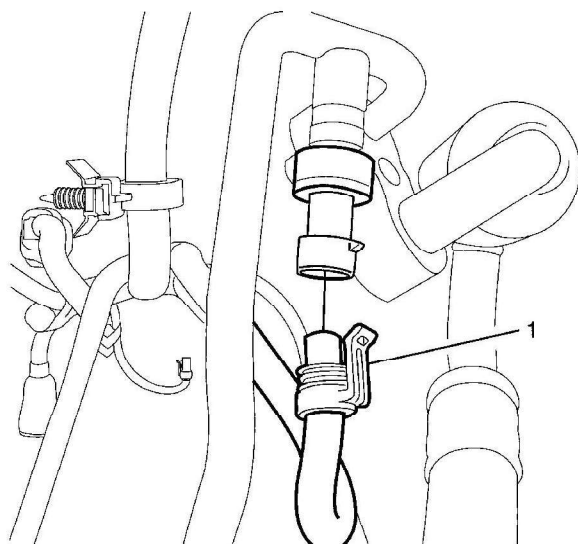
[J 39400](#) Halogen Leak Tester

Removal Procedure

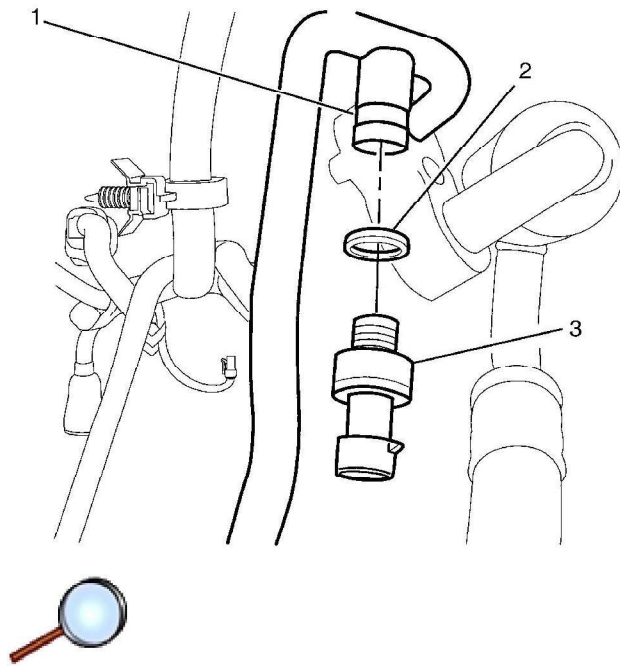
Caution: Refer to [Safety Glasses Caution](#) in the Preface section.

Caution: Refer to [Vehicle Lifting Caution](#) in the Preface section.

1. Raise and support the vehicle. Refer to [Lifting and Jacking the Vehicle](#) .



2. Disconnect the A/C refrigerant pressure sensor electrical connector (2).



Important: A Schrader valve is fitted to the A/C refrigerant pressure sensor port (1). Upon removal of the A/C refrigerant pressure sensor (3) you will, for a very short period, hear refrigerant escape until the Schrader valve reseats. If refrigerant continues to escape while removing the A/C refrigerant pressure sensor (3) STOP IMMEDIATELY. The Schrader valve has a fault and the refrigerant will have to be recovered.

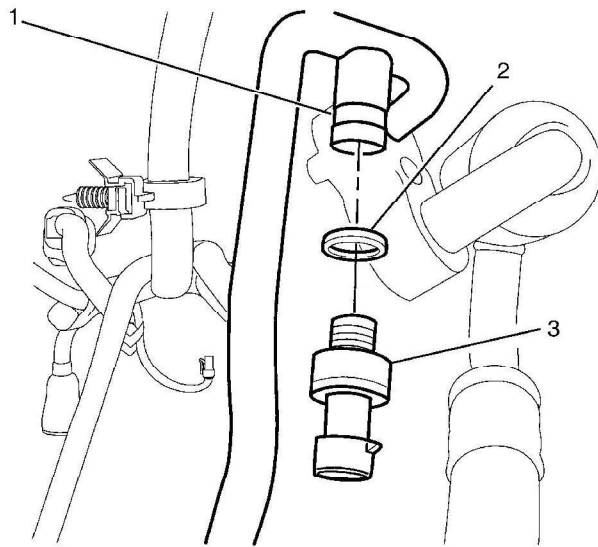
3. Remove the A/C refrigerant pressure sensor (3) from the A/C refrigerant pressure sensor port (1).

Important: The O-ring seal (2) is a single use item and must be discarded after use.

4. Remove the O-ring seal (2). Refer to [O-Ring Replacement](#) .

Discard the O-ring seal.

Installation Procedure



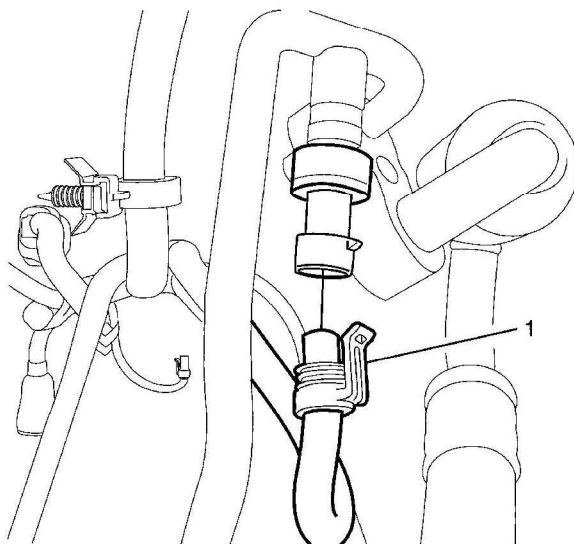
1. Install the NEW O-ring seal (2). Refer to [O-Ring Replacement](#) .

Notice: Refer to [Fastener Notice](#) in the Preface section.

2. Install the A/C refrigerant pressure sensor to the A/C refrigerant pressure sensor port (1).

Tighten

Tighten the sensor to 6 N·m(53 lb ft).



3. Connect the A/C refrigerant pressure sensor electrical connector (1).
4. Lower the vehicle to the ground.
5. Leak test the fittings of the component using the [J 39400](#) .

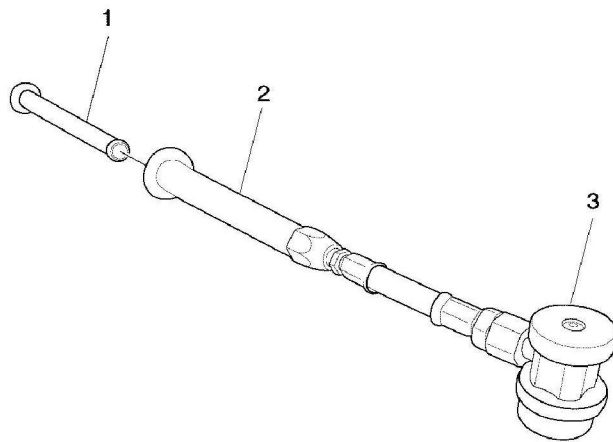
Air Conditioning (A/C) System Oil Charge Replenishing

Tools Required

[J 41459](#) A/C Oil Injector

Important: The addition of lubricating oil must be carried out whenever any component is replaced in the A/C system to compensate for oil trapped in the removed component. Carrying out this procedure ensures the A/C system always has the correct amount of oil as specified by the manufacturer.

1. Evacuate the A/C system for a minimum of 30 minutes and to minus 100 kPa negative gauge pressure. Refer to [Refrigerant Recovery and Recharging](#).



Important: Make sure the valve (3) is in the closed position.

2. Remove the plunger (1) from the [J 41459](#) (2) and pour in the appropriate amount of polyalkylene glycol (PAG) oil specified for the replaced component. Refer to [Refrigerant System Capacities](#).
3. Jiggle the plunger (1) to remove any air in the [J 41459](#) (2).