### Checking A/C System Pressure


2. Locate the vehicle’s A/C low-pressure service port and remove and save the protective cap. The low-pressure service port is located on the large diameter metal tubing that runs from the evaporator (inside the dashboard) to the A/C compressor. Visit our port locator at www.acprocold.com for additional help locating your low pressure service port.

3. With A/C on determine if compressor clutch is engaged (cycled on). TIP: If the compressor is not cycling on, add ½ can of refrigerant using instruction below. If the compressor still does not engage (clutch is stationary), look at center of the compressor’s pulley. If rotating, it’s on. If it won’t engage, add a can of R-134a. If compressor still won’t cycle on, seek professional service.

4. Attach the quick-connect fitting to the low pressure port by pushing the fitting onto the service port.

5. Check gauge pressure when the compressor cycles on. Rotate the black dial so the blue arrow on the gauge face points to the current ambient (outside) temperature on the dial. For temperatures over 90°F, point arrow to 90°F. If the pressure is below the range outlined by the “V”, continue per below charging instructions. If the compressor is cycled on and the pressure is in the red do not attempt to recharge, seek professional service. Detach quick-connect fitting from low-pressure service port.

TIP: YOU CAN ALSO REFER TO AMBIENT TEMPERATURE PRESSURE GAUGE CHART FOR CORRECT TEMPERATURE/PRESSURE READING.*

### Charging/Adding Refrigerant

1. Shake can well.
2. Screw can into hose assembly and reconnect quick-connect to low pressure port.
3. Squeeze the trigger of the charging device to begin charging. Notice the gauge needle goes to zero to indicate no pressure reading is being taken during charging.
4. While charging, rotate the can between 12 o’clock and 3 o’clock every 2 to 3 seconds while continually shaking the can back and forth.
5. Every 10-15 seconds, release the trigger to check the pressure reading. Notice the gauge needle shows the A/C system pressure. System is charged when the gauge needle reaches inside the red “V” area marked on the lens. Frequently check the air blowing out of the dashboard vent.

### AMBIENT TEMPERATURE PRESSURE GAUGE CHART*

<table>
<thead>
<tr>
<th>Ambient Temperature</th>
<th>Low Side Gauge Should Read:</th>
</tr>
</thead>
<tbody>
<tr>
<td>50−55 psi (345−379 kPa)</td>
<td>50−55 psi (345−379 kPa)</td>
</tr>
<tr>
<td>45−55 psi (310−379 kPa)</td>
<td>45−55 psi (310−379 kPa)</td>
</tr>
<tr>
<td>40−50 psi (276−345 kPa)</td>
<td>40−50 psi (276−345 kPa)</td>
</tr>
<tr>
<td>35−40 psi (241−276 kPa)</td>
<td>35−40 psi (241−276 kPa)</td>
</tr>
<tr>
<td>25−35 psi (172−241 kPa)</td>
<td>25−35 psi (172−241 kPa)</td>
</tr>
</tbody>
</table>

*Ambient temperature refers to the outside air temperature surrounding the vehicle. The chart shows the desired range for the low-pressure side of the A/C system at each 5° increment. If the pressure is outside of the range (over or under), service may be required.

NOTE: Pressure reading can only be taken when the compressor is cycled on. To determine this, look at center of the compressor’s pulley, if rotating, it’s on. If it won’t engage, add a can of R-134a. If compressor still won’t cycle on, seek professional service.

### WARNINGS:
- Keep out of reach of children!
- Do not run vehicle in a closed garage!
- Wear protective gloves and safety goggles!
- It is illegal to vent refrigerant into the atmosphere!
- Before using these products, check all warnings and consult the owner’s vehicle service manual!
- IDO’s couplings are designed to exclusively mate with an automobile’s R-134a A/C system low-pressure port only. Do not attempt to modify this product in order to connect with any other A/C port as this may cause refrigerant cans to explode.
- Do not store cans in vehicle or expose to temperatures above 120° F! Can will burst above 120° F!
- Do not puncture or incinerate a can.

### FIRST AID:
- If sprayed into eyes or skin, flush with plenty of warm water. Get medical attention immediately. Product can cause frostbite.
- If swallowed or inhaled see a physician immediately. Inhalation can cause death without warning.

If you are missing any parts or encounter any problems, PLEASE DO NOT RETURN THIS PRODUCT TO THE STORE. Please call IDQ at 1-888-318-5454 and we will help resolve your problem.