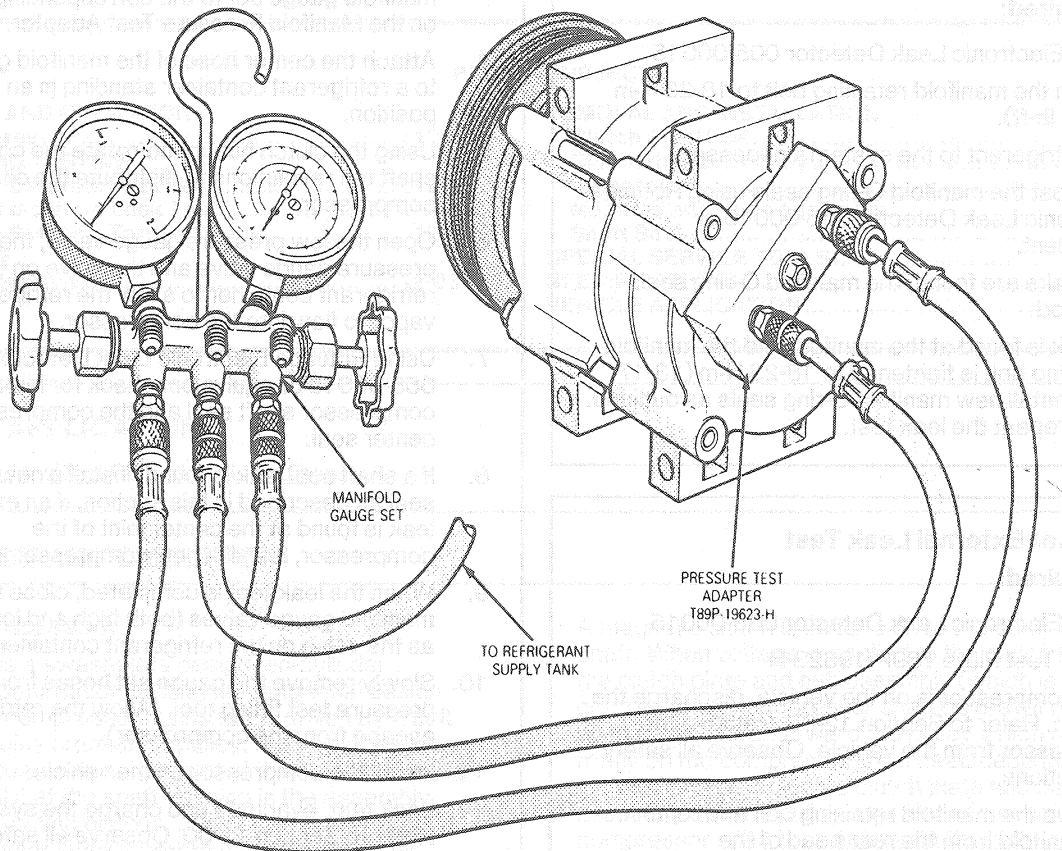


DIAGNOSIS AND TESTING (Continued)

Connecting Gauge Set to Check for Leaks



CCL 3302-A

Compressor Rotating Torque Check

The rotational torque of a used compressor should be checked if excessive compressor drag is suspected.

1. Discharge refrigerant system. Refer to Section 12-00. Observe all safety precautions.
2. Remove refrigerant hose and manifold assembly from compressor. Use care not to allow dirt to enter compressor.
3. Remove the compressor from the vehicle. With the compressor clutch disengaged, rotate the compressor shaft and note the torque required to rotate the shaft one complete revolution. This is not the starting torque.
4. If the rotational torque exceeds 10 N·m (7 lb-ft) replace the compressor assembly.

5. If the rotational torque is less than specified, excessive drag does not exist in the compressor. Install the manifold and hose assembly and leak test, evacuate and charge the system.
6. Check the system for proper operation.

REMOVAL AND INSTALLATION

Compressor

Removal and Installation

Refer to Section 12-03A.