

REMOVAL AND INSTALLATION (Continued)

5. The rubber O-ring cannot be serviced with this design. If leak is due to the O-ring, replace the hose assembly.
6. Connect tube nut and tighten to 27-34 N-m (20-25 lb-ft).

The quick connect fitting may disengage if not fully assembled, if the snap ring is missing, or if the tube nut or the hose end is not machined properly.

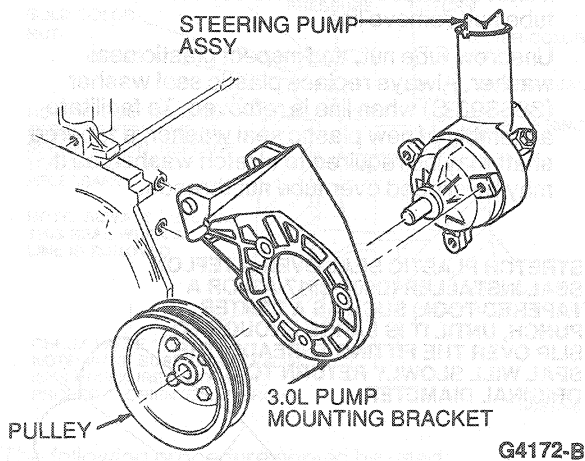
If the fitting disengages, replace the hose assembly. The fitting is fully engaged only when the hose will not pull out. To test for positive engagement, the system should be properly filled, the engine started, and the steering wheel cycled from lock-to-lock. Service hose assemblies have tube nuts, snap rings and O-rings already attached.

Steering Pump**Removal**

1. Remove radiator overflow bottle to gain access to three bolts retaining pulleys to pulley hub.
2. Mark both pulley-to-hub positions with grease pencil or paint daub for reassembly to maintain balance.
3. Remove the three bolts and two pulleys from pulley hub.

Installation

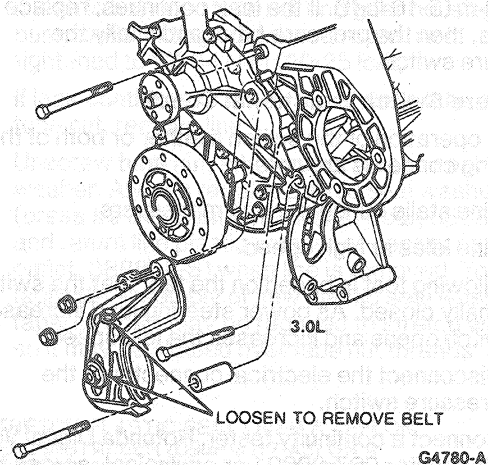
1. Install two pulleys on hub, aligning marks put on hub and pulleys during removal.
2. Install the three bolts and tighten to 21-32 N-m (15-23 lb-ft).
3. Install radiator overflow bottle.



2. Loosen idler pulley and remove power steering belt.
3. Remove pulley from hub.
4. Remove return line from pump.
5. Completely back off pressure line nut. Line will separate when pump is removed from bracket.
6. Remove three pump retaining bolts and remove pump.

Installation

1. Install pump on mounting bracket. Guide pressure line into pump outlet fitting while installing pump.
2. Install pressure and return lines.
3. Install pulley on hub.
4. Install steering pump drive belt and adjust tension. Refer to Section 03-05.
5. Connect battery ground cable.
6. Fill pump with fluid and check operation. Refer to Section 11-00.

**Pump Reservoir**

Take the following precautions when servicing the power steering pump reservoir:

- Use clean work bench and tools.
- Plug inlet and outlet openings of pump with plugs or masking tape.
- Thoroughly clean exterior of pump with solvent.

Steering Pump and Pulley Hub**3.0L Engine****Removal**

1. Disconnect battery ground cable.