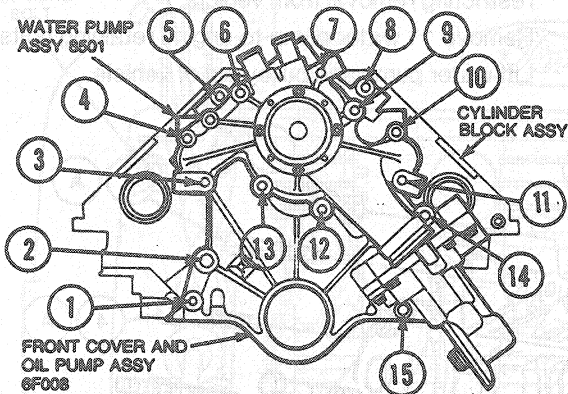


REMOVAL AND INSTALLATION (Continued)

3. With pulley positioned on water pump hub, position water pump on front cover and install attaching bolts.

CAUTION: Two lengths of bolts are used. Install bolts as shown.



REF NO.	PART NO.	SIZE	PART NAME
1	N80512	M8 x 1.25 x 98.0	STUD
2	N80512	M8 x 1.25 x 98.0	STUD
3	N805757	M8 x 1.25 x 131.0	STUD
4	N805757	M8 x 1.25 x 131.0	STUD
5	N805787	M8 x 1.25 x 25.0	BOLT
6	N805908	M8 x 1.25 x 35.0	BOLT
7	N805908	M8 x 1.25 x 35.0	BOLT
8	N805787	M8 x 1.25 x 25.0	BOLT
9	N804756	M8 x 1.25 x 61.5	STUD BOLT
10	N805275	M8 x 1.25 x 141.0	STUD
11	N804757	M8 x 1.25 x 131.0	STUD
12	N805908	M8 x 1.25 x 35.0	BOLT
13	N805908	M8 x 1.25 x 35.0	BOLT
14	N804639	M8 x 1.25 x 105.0	BOLT
15	N804841	M8 x 1.25 x 20.0	CAP SCREW

*TIGHTEN ALL RETAINERS TO 20-30 N-m (15-22 LB-FT)

Q2385-C

- Tighten retaining bolts to specification. Refer to illustration.
- Install pulley-to-pump hub bolts. Tighten to 21 N-m (16 lb-ft).
- Connect coolant bypass / heater hose to water pump.
- Install idler bracket to front cover.
- Position accessory drive belt over pump pulley and adjust drive belt tension, if equipped with manual tensioner. Refer to Section 03-05.
- Connect battery ground cable.
- Replace engine coolant. Refer to Coolant Refill procedures. Operate engine until normal operation temperature is reached. Check for leaks and check coolant level.

Radiator Hose

Removal

- Open hood and place fender covers.
- Disconnect battery ground cable.
- Position drain tray below radiator.
- Remove radiator pressure cap, attach a 9.5mm (0.4 inch) ID hose to draincock and drain radiator.
- Position a drain tray under lower radiator hose. Loosen lower radiator hose clamps. Disconnect hose from water pump or inlet tube, and allow to drain.
- Loosen clamps, disconnect top hose at radiator and thermostat housing and remove hose.

Installation

- Position top hose to radiator and thermostat housing. Position the clamps between the alignment marks on both ends of the hose and slide hose on connections.

CAUTION: Ensure the clamps are beyond the bead and placed in the center of the clamping surface of the connection.

Any used hose clamps must be replaced with a new clamp to ensure proper sealing at the connection.

Tighten screw clamps to 2.2-3.4 N-m (20-30 lb-in).

On SHO engine, align hose as shown in illustration.

- Position bottom hose to engine-mounted water pump or inlet tube and radiator. Secure clamps as outlined and close draincock.
- Fill cooling system with specified cooling system concentrate and water solution. Refer to Coolant Refill procedure.
- Connect battery cables.
- Start engine. Check for leaks.
- Check coolant level as required, only when engine is cool.
- Remove fender covers and close hood.

LOCATE MARKER STRIPE ON UPPER RADIATOR HOSE WITHIN WIDTH OF RAISED RIB ON ENGINE OUTLET

