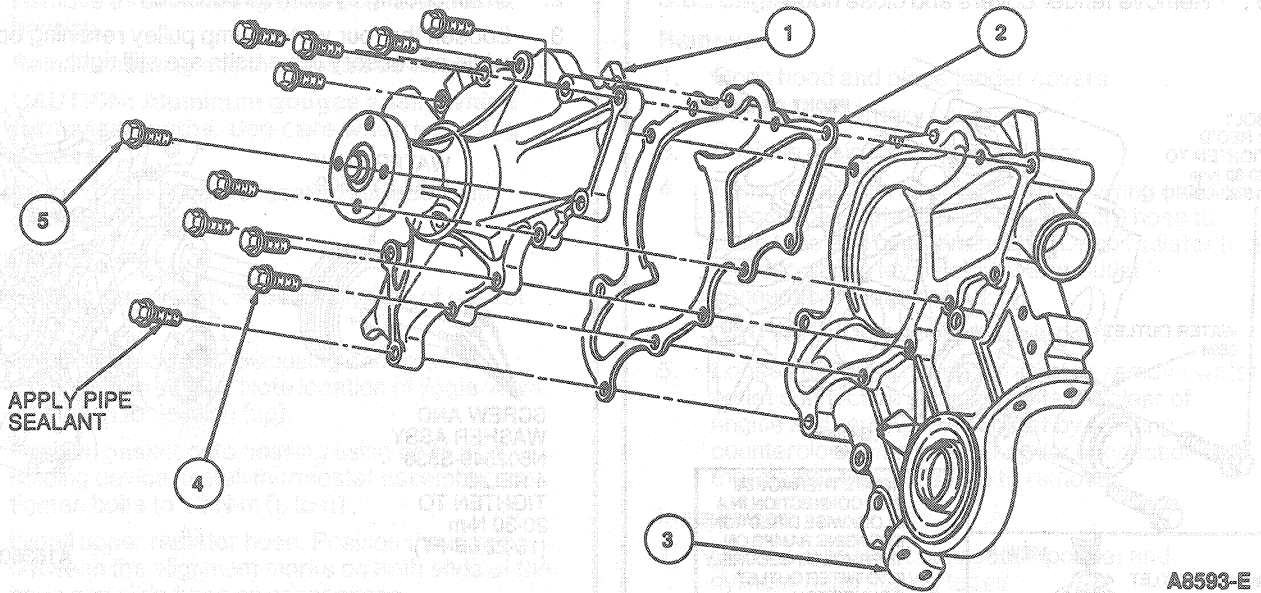


REMOVAL AND INSTALLATION (Continued)

(Continued) REMOVAL AND INSTALLATION



Item	Part Number	Description
1	8501	Water Pump Assy
2	8507	Water Pump Gasket
3	6019	Front Cover Assy
4	N804168-S8	Bolt (5 Req'd)
5	N804811-S8	Bolt (6 Req'd)

Installation

NOTE: Lightly oil all bolt and stud threads before installation except those requiring special sealant.

CAUTION: Use care when scraping as aluminum gouges easily which may form leak paths.

1. Clean gasket surfaces on water pump and front cover.
2. Position a new gasket on water pump sealing surface using Gasket and Trim Adhesive D7AZ-19B508-B (ESE-M2G52-A and ESE-M2G52-A) or equivalent to hold gasket in place.
3. With pulley loosely positioned on water pump hub, align water pump to timing cover and install retaining bolts.

NOTE: Apply Pipe Sealant with Teflon® D8AZ-19554-A (ESG-M4G194-A and ESR-M18P7-A) or equivalent to bolt No. 3 (as illustrated) prior to installation.

4. Tighten retaining bolts as follows: Numbers 3, 4, 6, 7, 8, 9 and 10 to 20-30 N·m (15-22 lb-ft) and Numbers 11, 12, 13, 14 and 15 to 8-12 N·m (71-106 lb-in).

5. Hand tighten water pump pulley retaining bolts.
6. Install automatic belt tensioner assembly. Tighten the two retaining nuts and bolt to 48 N·m (35 lb-ft).
7. Install the generator and power steering drive belts as outlined in Section 03-05. Final tighten water pump pulley retaining bolts to 21 N·m (16 lb-ft).
8. 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 2.3-3.4 N·m (20-30 lb-in).

9. Fill and bleed cooling system with specified quantity and type.
10. Connect negative battery cable.