

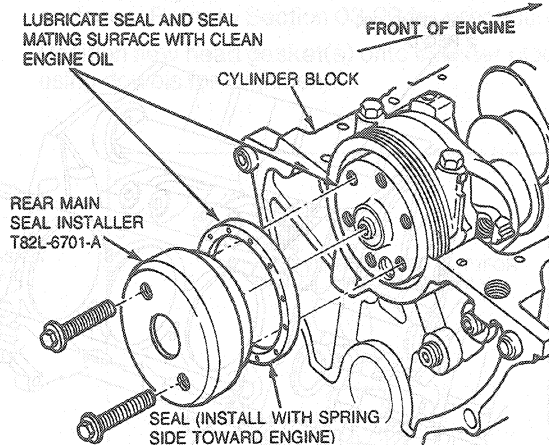
IN-VEHICLE SERVICE (Continued)

- Install accessory drive idler.
 - Install AIR control valve or Secondary Air Injection Bypass (AIRB) valve hose. Tighten clamps securely to the air pump assembly.
18. Install accessory drive belt and tighten to specification. Refer to Section 03-05.
 19. Connect battery ground cable.

CAUTION: This engine has aluminum cylinder heads and requires a special corrosion inhibited coolant formulation to avoid cooling system damage. Refer to Section 03-03 for the coolant specifications.

20. Fill cooling system with specified coolant.
21. Start engine and check for coolant, fuel and oil leaks.
22. Check and, if necessary, adjust curb idle speed.
23. Install air cleaner assembly including air intake duct and heat tube.

2. Alternate bolt tightening, to seat the seal properly. (Two bolts are supplied with Tool T82L-6701-A. Engine flywheel bolts may be used if necessary.)



NOTE: REAR FACE OF SEAL MUST BE WITHIN 0.127mm (0.005 INCH) OF THE REAR FACE OF THE BLOCK

A8120-D

Crankshaft Rear Main Oil Seal

A one-piece crankshaft rear main oil seal is used on this engine.

Tools Required:

- Jet Plug Remover T77L-9533-B
- Rear Main Seal Installer T82L-6701-A

Removal

CAUTION: Avoid scratching or damaging oil seal surface.

1. Using a sharp awl, punch one hole into the seal metal surface between lip and block.
2. Screw in the threaded end of Jet Plug Remover T77L-9533-B. Use the Jet Plug Remover to remove seal.

Installation

1. Position seal on Rear Main Seal Installer T82L-6701-A. Position tool and seal to rear of engine.

Oil Pan

Removal

1. Disconnect battery ground cable.
2. Raise vehicle on a hoist. Refer to Section 00-02.
3. Drain oil pan.
4. Remove oil filter element.
5. Position drain pan out of the way.
6. Remove catalytic converter assembly.
7. Remove starter motor.
8. Remove torque converter housing cover.
9. Remove bolts retaining oil pan assembly.
10. Remove oil pan assembly.