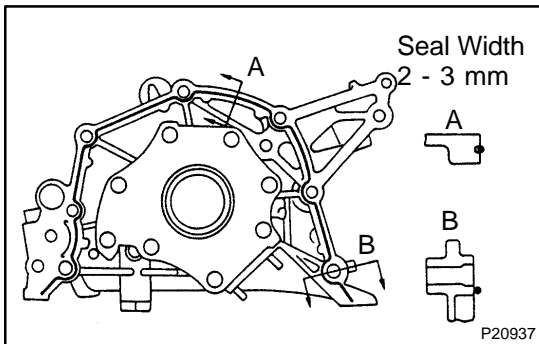


INSTALLATION

1. INSTALL OIL PUMP

- (a) Remove any old packing (FIPG) material and be careful not to drop any oil on the contact surfaces of the oil pump and cylinder block.
 - Using a razor blade and gasket scraper, remove all the old packing (FIPG) material from the gasket surfaces and sealing grooves.
 - Thoroughly clean all components to remove all the loose material.
 - Using a non-residue solvent, clean both sealing surfaces.



- (b) Apply seal packing to the oil pump, as shown in the illustration.

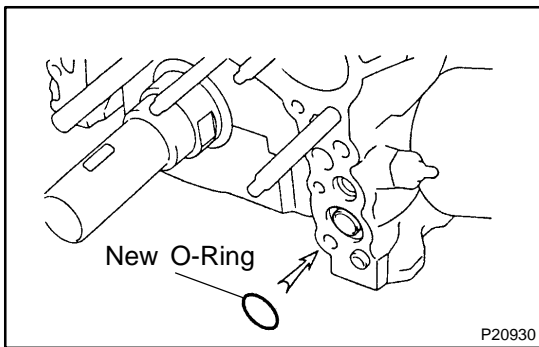
Seal packing: Part No. 08826-00080 or equivalent

- Install nozzle that has been cut out to a 2-3 mm (0.08-0.12 in.) opening.

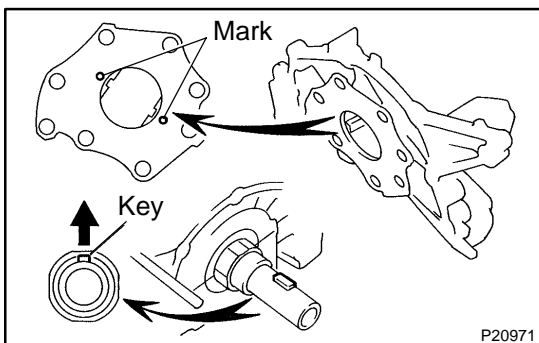
HINT:

Avoid applying an excessive amount to the surface.

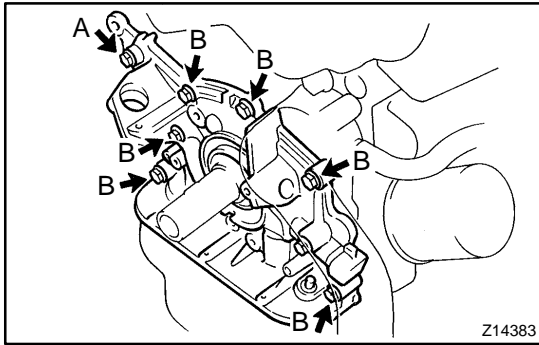
- Parts must be assembled within 5 minutes of application. Otherwise the material must be removed and reapplied.
- Immediately remove nozzle from the tube and reinstall cap.



- (c) Place a new O-ring into the groove of cylinder block.



- (d) Install the oil pump to the crankshaft with the spline teeth of the drive rotor engaged with the large teeth of the crankshaft.



- (e) Install the oil pump with the 8 bolts, and ground strap.

Torque:

Bolt A: 20 N·m (200 kgf·cm, 15 ft·lbf)

Bolt B: 42 N·m (420 kgf·cm, 31 ft·lbf)

2. **INSTALL CRANK SHAFT POSITION SENSOR**
(See page [IG-14](#))

3. **INSTALL OIL PAN BAFFLE PLATE**

4. **INSTALL OIL STRAINER**

Place a new gasket and install the oil strainer.

Torque: 7.5 N·m (76 kgf·cm, 66 in.-lbf)

5. **CLEAN OIL PAN.**

Remove any old packing (FIPG) material and be careful not to drop any oil on the contacting surfaces of the, oil pan, cylinder block and sealing grooves.

- Using a razor blade and gasket scraper, remove all the remaining seal packing (FIPG) material from the gasket surfaces.
- Thoroughly clean all components to remove all the loose material.
- Clean both sealing surfaces with a non-residue solvent.

NOTICE:

Do not use a solvent which will affect the painted surfaces.

6. **INSTALL OIL PAN**

- (a) Apply seal packing to the oil pan, as shown in the illustration.

Seal packing: Part No. 08826-00080 or equivalent

- Install a nozzle that has been cut to a 3 - 4 mm (0.12 - 0.16 in.) opening.

HINT:

Avoid applying an excess amount to the surface.

- If parts are not assembled within 5 minutes of applying the seal packing, the effectiveness of the seal packing is lost and the seal packing must be removed and reapplied.
- Immediately remove the nozzle from the tube and reinstall the cap after using the seal packing.

- (b) Install the oil pan with the 2 nuts and 17 bolts.

Torque: 7.6 N·m (78 kgf·cm, 67 in.-lbf)

7. **INSTALL REAR END COVER AND DUST COVER**

8. **CONNECT STARTER WIRE CLAMP**

9. **A/T:**

INSTALL OIL COOLER TUBE AND CLAMP

(A340E: See page [AT-21](#))

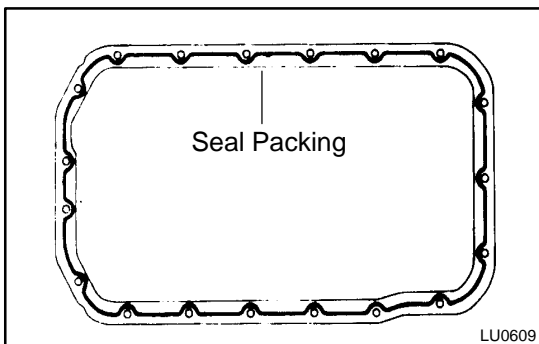
(A340F: See page [AT-27](#))

10. **INSTALL CRANKSHAFT TIMING PULLEY**

(See page [EM-19](#))

11. **4WD:**

INSTALL FRONT DIFFERENTIAL (See page [SA-47](#))



12. FILL WITH ENGINE OIL
13. START ENGINE AND CHECK FOR LEAKS
14. INSTALL ENGINE UNDER COVER
15. RECHECK ENGINE OIL LEVEL