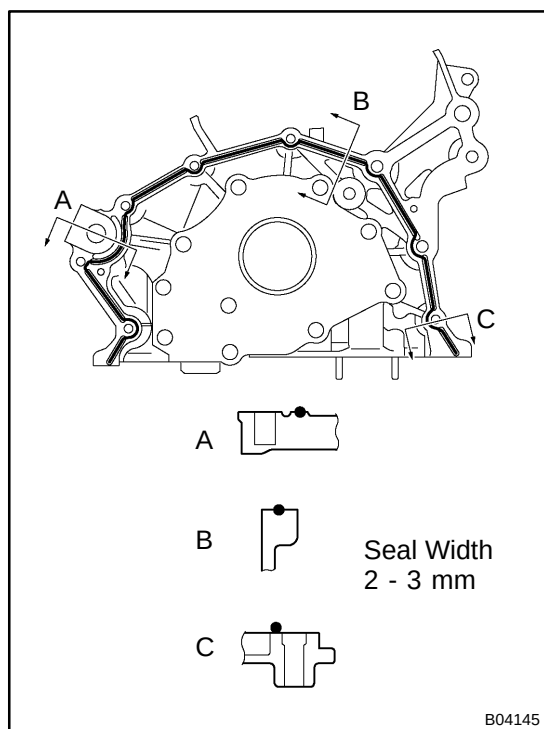


INSTALLATION

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.

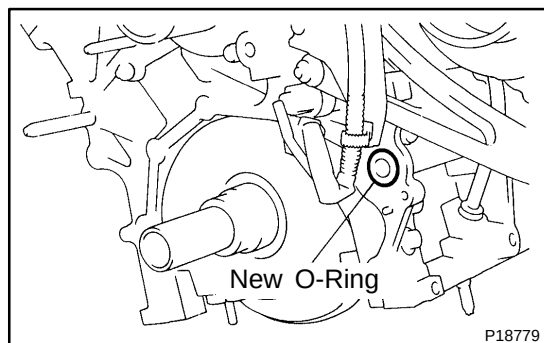
Seal packing: Part No. 08826-00080 or equivalent

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

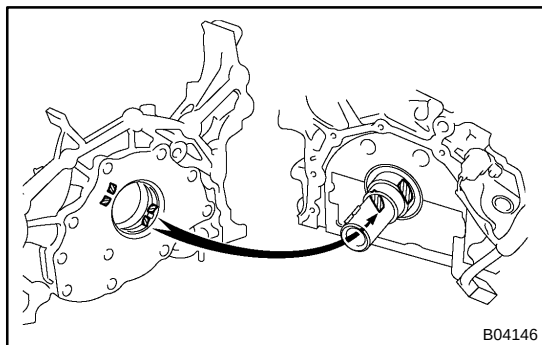
HINT:

Avoid applying an excessive amount to the surface.

- Parts must be assembled within 3 minutes of application. Otherwise the material must be removed and reapplied.
- Immediately remove nozzle from the tube and reinstall cap.



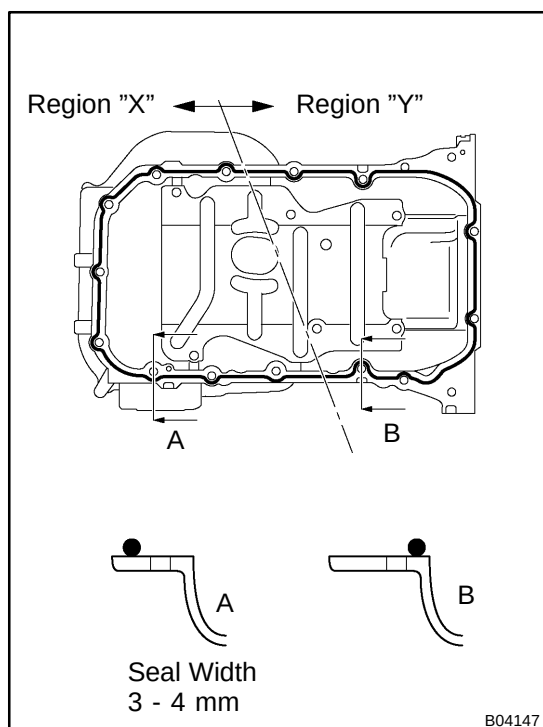
- (c) Place a new O-ring on the cylinder block.



- (d) Engage the spline teeth of the oil pump drive gear with the large teeth of the crankshaft, and slide the oil pump on the crankshaft.
- (e) Install the oil pump with the 9 bolts. Uniformly tighten the bolts in several passes.

Torque:**10 mm head: 8.0 N·m (80 kgf·cm, 69 in·lbf)****12 mm head: 19.5 N·m (200 kgf·cm, 14 ft·lbf)****2. INSTALL CRANKSHAFT POSITION SENSOR****Torque: 8.0 N·m (80 kgf·cm, 69 in·lbf)****3. INSTALL BAFFLE PLATE TO NO.1 OIL PAN****Torque: 8.0 N·m (80 kgf·cm, 69 in·lbf)****4. INSTALL NO.1 OIL PAN**

- (a) Remove any old packing (FIPG) material and be careful not to drop any oil on the contact surfaces of the oil pan, 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 pan as shown in the illustration.

Seal packing: Part No. 08826-00080 or equivalent**Region "X" is at the outer side of the bolt hole.****Region "Y" is at the inner side of the bolt hole.**

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

HINT:

Avoid applying an excessive amount to the surface.

- Parts must be assembled within 3 minutes of application. Otherwise the material must be removed and reapplied.
- Immediately remove nozzle from the tube and reinstall cap.

- (c) Install the oil pan with the 17 bolts and 2 nuts. Uniformly tighten the bolts and nuts in several passes.

Torque:**10 mm head: 8.0 N·m (80 kgf·cm, 69 in·lbf)****12 mm head: 19.5 N·m (200 kgf·cm, 14 ft·lbf)****14 mm head: 37.2 N·m (380 kgf·cm, 27 ft·lbf)**

- (d) Install the No.1 exhaust pipe support bracket with the 2 bolts.

Torque: 7.8 N·m (80 kgf·cm, 69 in·lbf)

5. INSTALL OIL STRAINER

Install a new gasket and the oil strainer with the bolt and 2 nuts.

Torque: 8.0 N·m (80 kgf·cm, 69 in·lbf)

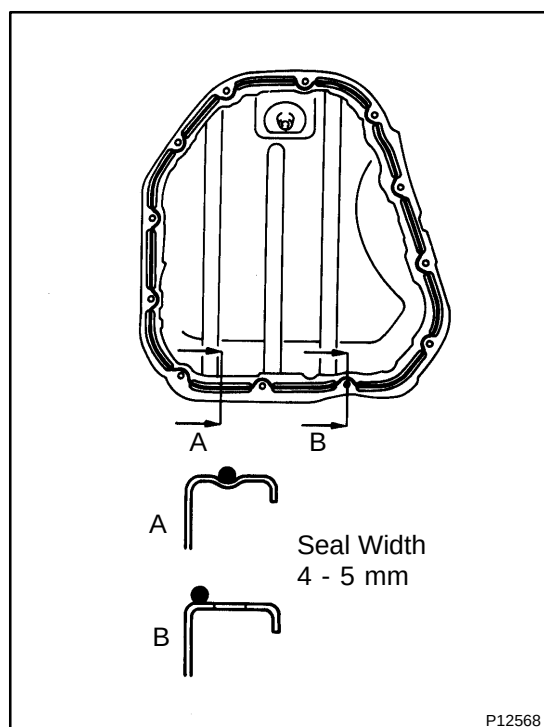
6. INSTALL NO.2 OIL PAN

- (a) Remove any old packing (FIPG) material and be careful not to drop any oil on the contact surface of the No.1 and No.2 oil pans.

- 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.

NOTICE:

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



- (b) Apply seal packing to the No.2 oil pan as shown in the illustration.

Seal packing: Part No. 08826-00080 or equivalent

- Install a nozzle that has been cut to a 4 - 5 mm (0.16 - 0.20 in.) opening.

HINT:

Avoid applying an excessive amount to the surface.

- Parts must be assembled within 3 minutes of application. Otherwise the material must be removed and reapplied.
- Immediately remove nozzle from the tube and reinstall cap.

- (c) Install the No.2 oil pan with the 10 bolts and 2 nuts. Uniformly tighten the bolts and nuts in several passes.

Torque: 8.0 N·m (80 kgf·cm, 69 in·lbf)

7. INSTALL TIMING PULLEYS (See page EM-22)

8. INSTALL TIMING BELT (See page EM-22)

9. **INSTALL ADJUSTING STRUT AND PS PUMP DRIVE BELT**
 - (a) Temporarily install the adjusting strut with the bolt and nut.
 - (b) Install the drive belt with the pivot and adjusting bolts.
Torque: 43.1 N·m (440 kgf·cm, 32 ft·lbf)
 - (c) Tighten the nut.
Torque: 43.1 N·m (440 kgf·cm, 32 ft·lbf)
10. **INSTALL A/C COMPRESSOR (See page [EM-82](#))**
11. **INSTALL GENERATOR (See page [CH-2](#))**
12. **INSTALL RH FENDER APRON SEAL**
13. **INSTALL FRONT EXHAUST PIPE (See page [EM-82](#))**
14. **INSTALL RH FRONT WHEEL**
15. **INSTALL OUTER FR COWL TOP PANEL ASSEMBLY (See page [EM-60](#))**
16. **FILL ENGINE WITH OIL**
17. **START ENGINE AND CHECK FOR LEAKS**
18. **RECHECK ENGINE OIL LEVEL**