LU0PD–01

INSTALLATION

1. INSTALL OIL STRAINER

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

Torque: 8.0 N·m (82 kgf·cm, 71 in.·lbf)

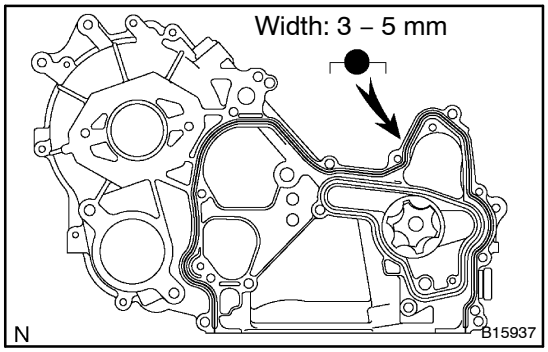
2. INSTALL TIMING GEAR CASE (WITH OIL PUMP)

(a) Remove any old packing (FIPG) material and be careful not to drop any oil on the contact surfaces of the timing gear case and cylinder block.

(1) Using a razor blade and gasket scraper, remove all the old packing (FIPG) material from the gasket surfaces and sealing groove.

(2) Thoroughly clean all components to remove all the loose material.

(3) Using a non–residue solvent, clean both sealing surfaces.



(b) Apply seal packing to the timing gear case as shown in the illustration.

Seal packing: Part No. 08826–00080 or equivalent

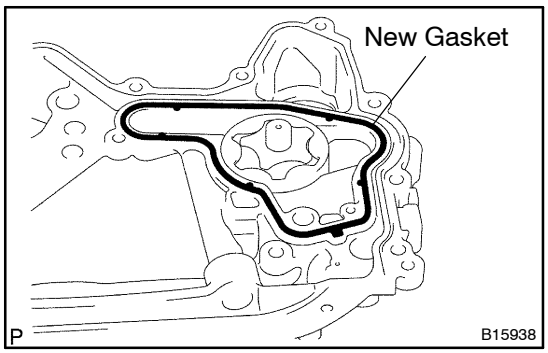
(1) Install a nozzle that has been cut to a 3 – 5 mm (0.16 – 0.20 in.) opening.

HINT:

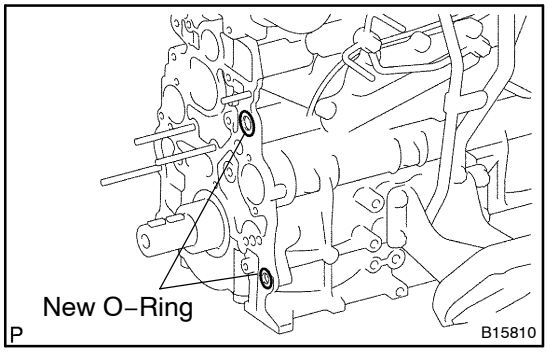
Avoid applying an excessive amount to the surface.

(2) Parts must be assembled within 5 minutes of application. Otherwise the material must be removed and reapplied.

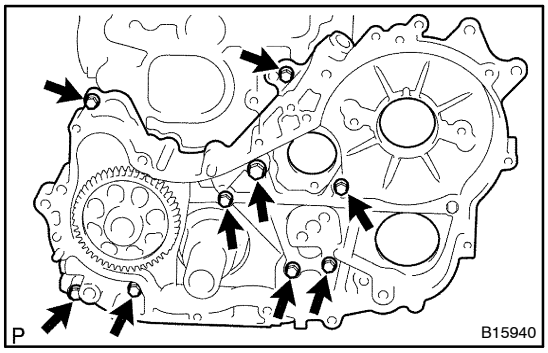
(3) Immediately remove nozzle from the tube and reinstall cap.



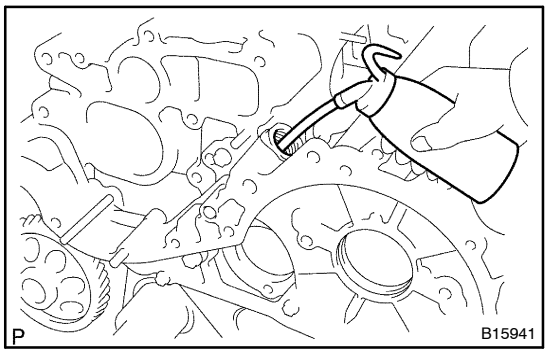
(c) Install a new gasket to the groove of the timing gear case.



(d) Install 2 new O–rings to the cylinder blockgroove of the timing gear case.



(e) Install the timing gear case with the union bolt and 8 bolts.
Torque:
13 N·m (133 kgf·cm, 10 ft·lbf) for bolt
16 N·m (163 kgf·cm, 12 ft·lbf) for union bolt

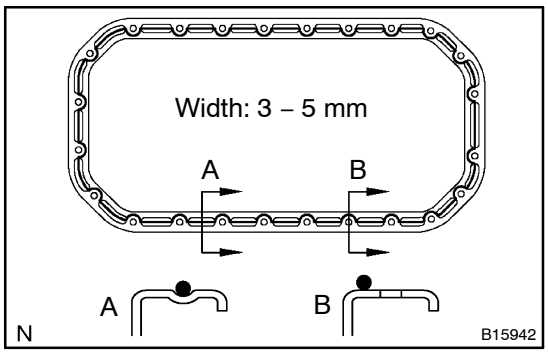


(f) Remove the screw plug.
(g) Pour in approx. 20 cc (0.12 cu in.) og engine oil into the oil pump.
(h) Reinstall a new gasket and the screw plug.
Torque: 41.5 N·m (423 kgf·cm, 31 ft·lbf)

3. INSTALL 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 and cylinder block.
(1) Using a razor blade and gasket scraper, remove all the old packing (FIPG) material from the gasket surfaces and sealing groove.
(2) Thoroughly clean all components to remove all the loose material.
(3) 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 oil pan as shown in the illustration.
Seal packing: Part No. 08826 –00080 or equivalent
(1) Install a nozzle that has been cut to a 3 – 5 mm (0.12 – 0.20 in.) opening.
(2) Parts must be assembled within 5 minutes of application. Otherwise the material must be removed and reapplied.
(3) Immediately remove nozzle from the tube and reinstall cap.

(c) Install the oil pan with the 22 bolts and 2 nuts.
Torque: 16 N·m (163 kgf·cm, 12 ft·lbf)

4. INSTALL SUPPLY PUMP (See page CO–6)

(a) Install a new O–ring to the supply pump.

(b) Install the supply pump with the 2 nuts.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

5. INSTALL WATER PUMP (See page CO–6)

6. INSTALL TIMING GEARS (See page EM–30)

7. INSTALL TIMING PULLEYS AND TIMING BELT (See page EM–18)

8. FILL WITH ENGINE OIL

9. FILL WITH ENGINE COOLANT

10. START ENGINE AND CHECK FOR OIL LEAKS

11. RECHECK ENGINE OIL LEVEL