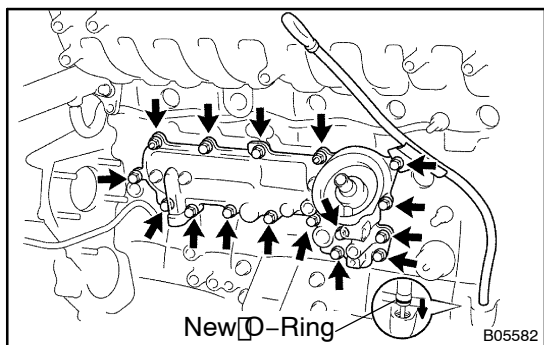


INSTALLATION

1. INSTALL OIL COOLER TO OIL COOLER COVER

Install 2 new gaskets and the oil cooler to the oil cooler cover with the 4 nuts.

Torque: 15.7 N·m (160 kgf·cm, 12 ft·lbf)



2. INSTALL OIL COOLER AND COVER ASSEMBLY

Install a new gasket, the oil cooler and cover assembly with the 13 bolts and 2 nuts. Uniformly tighten the bolts and nuts in several passes.

Torque: 19.6 N·m (200 kgf·cm, 14 ft·lbf)

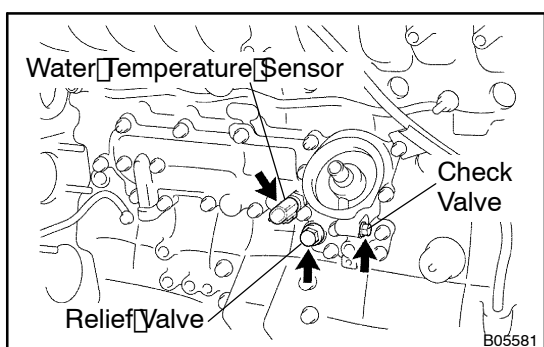
3. INSTALL OIL DIPSTICK GUIDE AND DIPSTICK

- Install a new O-ring to the dipstick guide.
- Apply soapy water to the O-ring.
- Push in the dipstick guide end into the guide hole of the cylinder block.

- Install the oil dipstick guide with the bolt.

Torque: 19.6 N·m (200 kgf·cm, 14 ft·lbf)

- Install the dipstick.



4. INSTALL RELIEF VALVE

Install a new gasket and the relief valve.

Torque: 39 N·m (400 kgf·cm, 29 ft·lbf)

5. INSTALL CHECK VALVE

Install a new gasket and the check valve.

Torque: 27 N·m (275 kgf·cm, 20 ft·lbf)

6. INSTALL WATER TEMPERATURE SENSOR

Install a new gasket and the sensor.

Torque: 19.6 N·m (200 kgf·cm, 14 ft·lbf)

7. INSTALL OIL RECEIVER

Install the oil receiver with the bolt.

Torque: 19.6 N·m (200 kgf·cm, 14 ft·lbf)

8. INSTALL OIL FILTER (See page LU-2)

9. INSTALL INJECTION PUMP

(1HZ and 1HD-T: See page FU-13)

(1HD-FTE: See page FU-121)

10. INSTALL INJECTION PIPES

(1HZ: See page FU-13)

(1HD-T: See page FU-30)

(1HD-FTE: See page FU-44)

11. INSTALL NO.2 CAMSHAFT TIMING PULLEY
([See page EM-31](#))
12. ☐ INSTALL TIMING BELT ([See page EM-31](#))
13. FILL WITH ENGINE COOLANT
14. START ENGINE AND CHECK FOR LEAKS
15. RECHECK ENGINE COOLANT LEVEL