

OIL COOLER ASSY (1AZ-FE) REPLACEMENT

1. REMOVE ENGINE UNDER COVER RH

2. DRAIN COOLANT (See page 16-6)

3. DRAIN ENGINE OIL

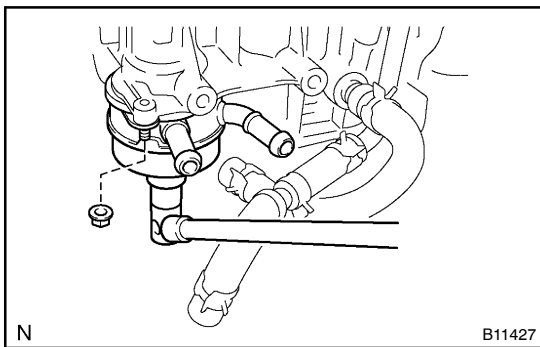
- (a) Install a new gasket and drain plug after draining engine oil.

Torque: 25 N·m (250 kgf·cm, 18 ft·lbf)

4. REMOVE OIL FILTER SUB-ASSY

(See page 17-11)

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5. REMOVE OIL COOLER ASSY

- (a) Disconnect 2 water by-pass hoses.
- (b) Remove the nut.
- (c) Using socket wrench (30mm), remove the union.
- (d) Remove the oil cooler and O-ring.

6. INSTALL OIL COOLER ASSY

- (a) Install the new O-ring to oil cooler.
- (b) Apply engine oil to the O-ring.
- (c) Using socket wrench (30mm), install the oil cooler with union.

Torque: 79 N·m (800 kgf·cm, 58 ft·lbf)

- (d) Install the nut.

Torque: 9.0 N·m (92 kgf·cm, 80 in·lbf)

7. INSTALL FILTER, OIL (See page 17-11)

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8. ADD ENGINE OIL

9. ADD COOLANT (See page 16-6)

10. INSPECT ENGINE OIL LEAKS

11. INSPECT/CHECK ENGINE COOLANT LEAK (See page 16-6)