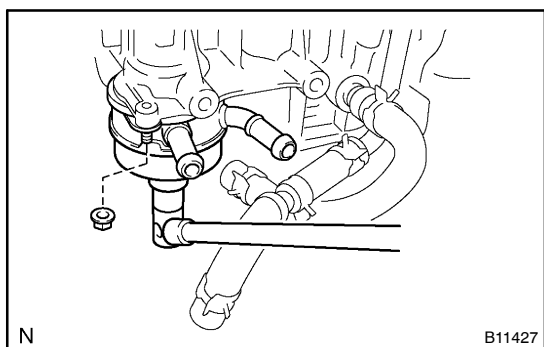


OIL COOLER ASSY (2AZ-FE)

REPLACEMENT

170KG-01

1. REMOVE ENGINE UNDER COVER RH
2. DRAIN ENGINE COOLANT (See page 6-7)
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 17-12)
SST 09228-06501



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

6. INSTALL OIL COOLER ASSY
 - (a) Install a new O-ring to the oil cooler.
 - (b) Apply engine oil to the O-ring.
 - (c) Using a 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 OIL FILTER SUB-ASSY (See page 17-12)
SST 09228-06501
8. ADD ENGINE OIL
9. ADD ENGINE COOLANT (See page 6-7)
10. CHECK FOR ENGINE OIL LEAKS
11. CHECK FOR ENGINE COOLANT LEAKS (See page 6-7)