

REPLACEMENT

1. **DRAIN ENGINE COOLANT** ([See page 16-8](#))
2. **REMOVE OIL FILTER SUB-ASSY** ([See page 17-3](#))
3. **DISCONNECT WATER BY-PASS HOSE NO.4**
4. **DISCONNECT WATER BY-PASS HOSE NO.5**
5. **REMOVE OIL COOLER ASSY**
 - (a) Remove the union bolt, washer and oil cooler.
 - (b) Remove the O-ring from the oil cooler.
6. **INSTALL OIL COOLER ASSY**
 - (a) Install a new O-ring to the oil cooler.
 - (b) Prepare the union bolt by applying a light coat of engine oil to its threads and under its head.
 - (c) Install the oil cooler with the washer and union bolt.
Torque 78.5 N·m (800 kgf·cm, 58 ft·lbf)
7. **CONNECT WATER BY-PASS HOSE NO.5**
8. **CONNECT WATER BY-PASS HOSE NO.4**
9. **INSTALL OIL FILTER SUB-ASSY** ([See page 17-3](#))
10. **REFILL ENGINE COOLANT** ([See page 16-8](#))
11. **CHECK FOR ENGINE COOLANT LEAKS** ([See page 16-1](#))
12. **CHECK ENGINE OIL LEVEL**