

WATER COOLED OIL COOLER ON-VEHICLE REPAIR

ATOZV-01

1. REMOVE NO. 1 AND NO. 2 ENGINE UNDER COVERS
2. DRAIN ATF

- (a) Remove the drain plug, gasket and drain ATF.
- (b) Install a new gasket and drain plug.

Torque: 20 N·m (205 kgf·cm, 15 ft·lbf)

3. REMOVE ENGINE COOLANT
4. DISCONNECT OIL COOLER INLET HOSE

Loosen the clip and disconnect the oil cooler inlet hose from the oil cooler.

5. DISCONNECT OIL COOLER OUTLET HOSE

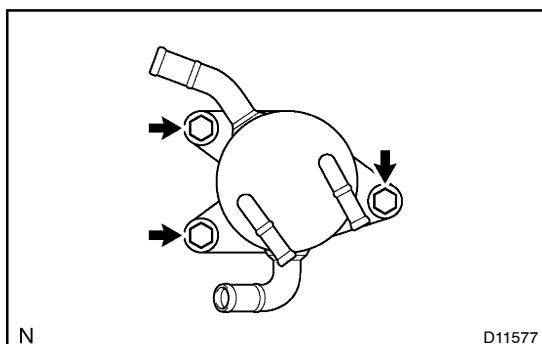
Loosen the clip and disconnect the oil cooler outlet hose from the oil cooler.

6. DISCONNECT WATER BY-PASS HOSE NO. 3

Loosen the clip and disconnect the water by-pass hose No. 3 from the oil cooler.

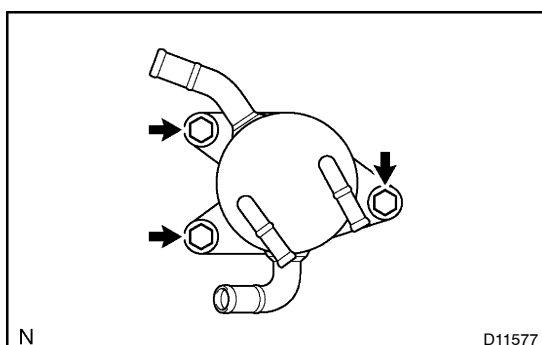
7. DISCONNECT WATER BY-PASS HOSE NO. 8

Loosen the clip and disconnect the water by-pass hose No. 8 from the oil cooler.



8. REMOVE TRANSMISSION OIL COOLER

Remove the 3 bolts and the oil cooler from the cylinder block.



9. INSTALL TRANSMISSION OIL COOLER

Install the oil cooler to the cylinder block with the 3 bolts.

Torque: 29 N·m (296 kgf·cm, 21.4 ft·lbf)

10. CONNECT WATER BY-PASS HOSE NO. 8

Connect the water by-pass hose No. 8 with the clip to the oil cooler.

11. CONNECT WATER BY-PASS HOSE NO. 3

Connect the water by-pass hose No. 3 with the clip to the oil cooler.

12. CONNECT OIL COOLER OUTLET HOSE

Connect the oil cooler outlet hose with the clip to the oil cooler.

13. CONNECT OIL COOLER INLET HOSE

Connect the oil cooler inlet hose with the clip to the oil cooler.

14. FILL ENGINE COOLANT (See page CO-1)**15. FILL ATF AND CHECK FLUID LEVEL (See page DI-170)****16. INSTALL NO. 1 AND NO. 2 ENGINE UNDER COVERS**