

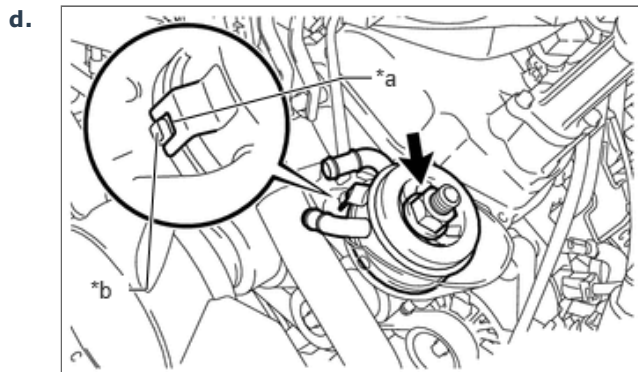
1GR-FE LUBRICATION ENGINE OIL COOLER INSTALLATION

PROCEDURE

1.INSTALL OIL COOLER ASSEMBLY

15710

- a. Clean the contact surfaces of the cooler mounting and oil cooler assembly.
- b. Apply a light coat of engine oil to a new O-ring and install it to the oil cooler assembly.
- c. Apply a light coat of engine oil to the threads of the oil cooler union bolt.



*a	Cutout
*b	Protrusion

Align the protrusion of the oil filter bracket with the cutout of the oil cooler assembly.

- e. Install the oil cooler assembly with the plate washer and oil cooler union bolt.

Torque:**68 N*m (693 kgf*cm, 50 ft.*lbf)**

2.INSTALL OIL COOLER HOSE

15777

- a. Install the oil cooler hose to the water inlet and oil cooler assembly, and slide the 2 clamps to secure the hoses.

3.INSTALL NO. 2 OIL COOLER HOSE

15778

- a. Install the No. 2 oil cooler hose to the water inlet and oil cooler assembly, and slide the 2 clamps to secure the hoses.

4.INSTALL OIL FILTER SUB-ASSEMBLY

15601

[Click here](#)Engine / Hybrid System>1GR-FE LUBRICATION>OIL AND OIL FILTER>REPLACEMENT

5.ADD ENGINE OIL

[Click here](#)Engine / Hybrid System>1GR-FE LUBRICATION>OIL AND OIL FILTER>REPLACEMENT

6.CHECK ENGINE OIL LEVEL

[Click here](#)Engine / Hybrid System>1GR-FE LUBRICATION>LUBRICATION SYSTEM>ON-VEHICLE INSPECTION

7.ADD ENGINE COOLANT

[Click here](#)Engine / Hybrid System>1GR-FE COOLING>COOLANT>REPLACEMENT

8.INSPECT FOR OIL LEAK

[Click here](#)Engine / Hybrid System>1GR-FE LUBRICATION>OIL AND OIL FILTER>REPLACEMENT

9.INSPECT FOR COOLANT LEAK

[Click here](#)Engine / Hybrid System>1GR-FE COOLING>COOLING SYSTEM>ON-VEHICLE INSPECTION