

## PROCEDURE

### 1.INSTALL HEATED OXYGEN SENSOR (for Bank 1 Sensor 2)

89465

[Click here](#)Engine / Hybrid System>1GR-FE ENGINE CONTROL>HEATED OXYGEN SENSOR>INSTALLATION

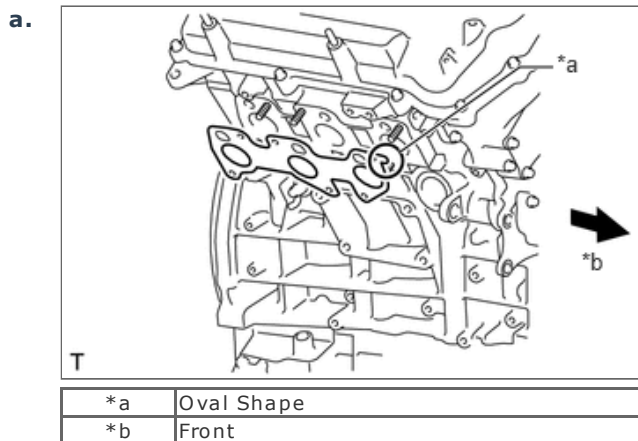
### 2.INSTALL AIR FUEL RATIO SENSOR (for Bank 1 Sensor 1)

89467B

[Click here](#)Engine / Hybrid System>1GR-FE ENGINE CONTROL>AIR FUEL RATIO SENSOR>INSTALLATION

### 3.INSTALL EXHAUST MANIFOLD SUB-ASSEMBLY RH

17104



Install a new gasket to the cylinder head sub-assembly RH with the oval shape facing forward.

**NOTICE:**

Make sure the gasket is installed facing the proper direction.

- b. Install the exhaust manifold sub-assembly RH with 6 new nuts.

**Torque:**

**30 N\*m (306 kgf\*cm, 22 ft.\*lbf)**

- c. Connect the air fuel ratio sensor (for Bank 1 Sensor 1) and heated oxygen sensor (for Bank 1 Sensor 2) connectors.

### 4.INSTALL NO. 1 MANIFOLD STAY

17118

- a. Install the No. 1 manifold stay with the 3 bolts.

**Torque:**

**40 N\*m (408 kgf\*cm, 30 ft.\*lbf)**

### 5.INSTALL HEATED OXYGEN SENSOR (for Bank 2 Sensor 2)

89465A

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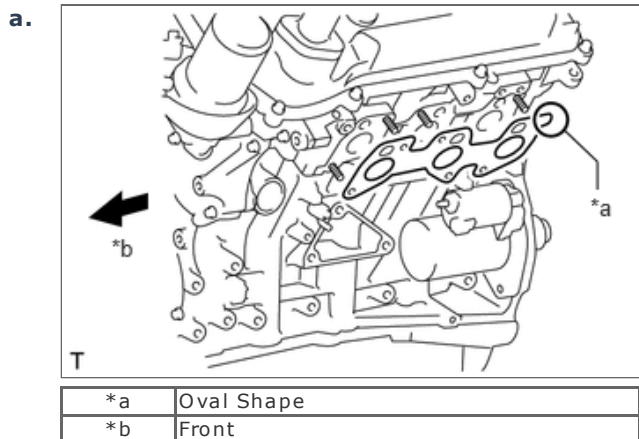
### 6.INSTALL AIR FUEL RATIO SENSOR (for Bank 2 Sensor 1)

89467C

[Click here](#)Engine / Hybrid System>1GR-FE ENGINE CONTROL>AIR FUEL RATIO SENSOR>INSTALLATION

### 7.INSTALL EXHAUST MANIFOLD SUB-ASSEMBLY LH

17105



Install a new gasket to the cylinder head sub-assembly LH with the oval shape facing rearward.

**NOTICE:**

Make sure the gasket is installed facing the proper direction.

- b. Install the exhaust manifold sub-assembly LH with 6 new nuts.

**Torque:**

**30 N\*m (306 kgf\*cm, 22 ft.\*lbf)**

- c. Connect the air fuel ratio sensor (for Bank 2 Sensor 1) and heated oxygen sensor (for Bank 2 Sensor 2) connectors.

**8.INSTALL NO. 2 MANIFOLD STAY**

**17119**

- a. Install the No. 2 manifold stay with the 3 bolts.

**Torque:**

**40 N\*m (408 kgf\*cm, 30 ft.\*lbf)**

**9.INSTALL FRONT FENDER APRON SEAL RH**

**53736**

- a. Attach the 11 clips and install the front fender apron seal RH.

**10.INSTALL FRONT FENDER APRON SEAL LH**

**53737B**

- a. Attach the 11 clips and install the front fender apron seal LH.

**11.INSTALL FRONT EXHAUST PIPE SUB-ASSEMBLY**

**17410**

- for Model Code #J71, #76 Series  
Click here[Engine / Hybrid System>1GR-FE INTAKE / EXHAUST>EXHAUST PIPE\(for Model Code #J71, #J76 Series\)>INSTALLATION](#)
- for Model Code #J78, #79 Series  
Click here[Engine / Hybrid System>1GR-FE INTAKE / EXHAUST>EXHAUST PIPE\(for Model Code #J78, #J79 Series\)>INSTALLATION](#)

**12.INSPECT FOR EXHAUST GAS LEAK**

If gas is leaking, tighten the areas necessary to stop the leak. Replace damaged parts as necessary.