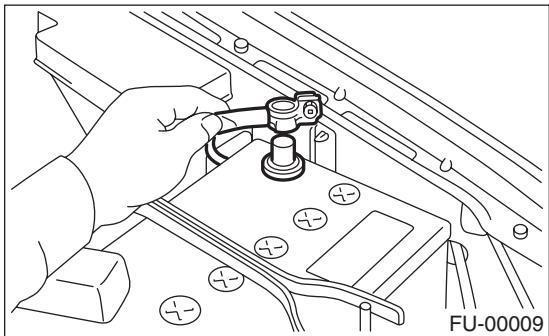


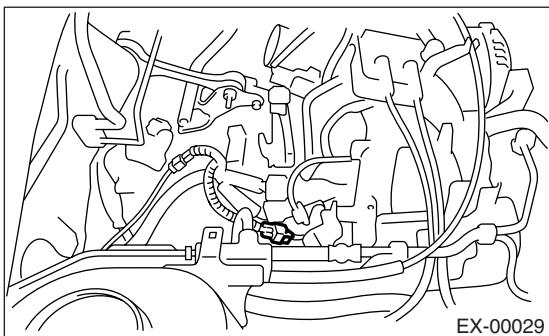
## 2. Front Exhaust Pipe

### A: REMOVAL

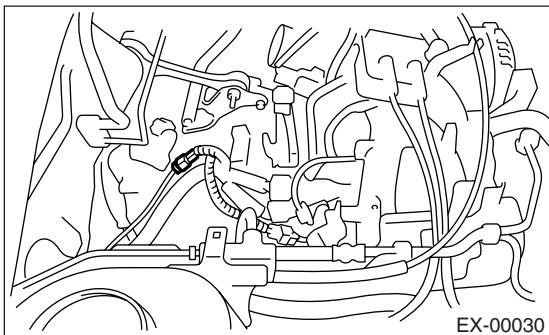
1) Disconnect the ground cable from battery.



2) Disconnect the front oxygen (A/F) sensor connector.



3) Disconnect the rear oxygen sensor connector.

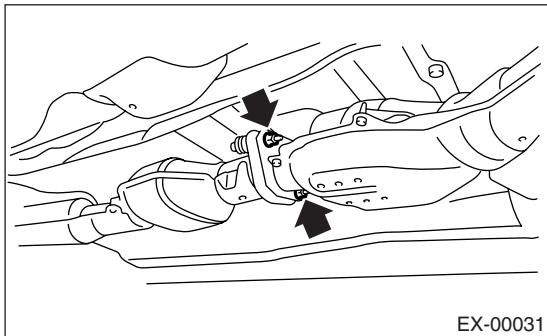


4) Lift up the vehicle.

5) Separate the front and center exhaust pipe assembly from rear exhaust pipe.

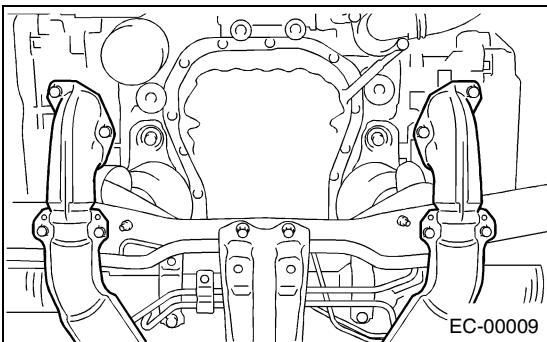
**CAUTION:**

Be careful, the exhaust pipe is hot.

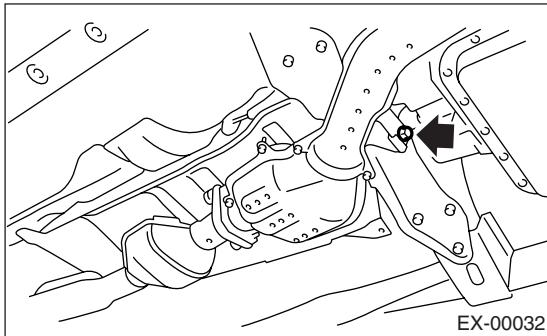


6) Remove the under cover.

7) Remove the nuts which hold the front exhaust pipe onto cylinder heads.



8) Remove the bolt which installs front and center exhaust pipe assembly to hanger bracket.



# FRONT EXHAUST PIPE

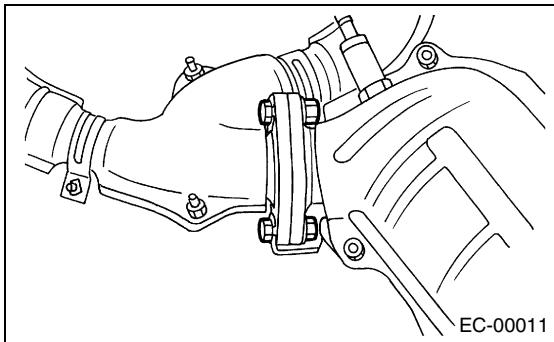
## EXHAUST

9) Remove the front and center exhaust pipe assembly from vehicle.

### CAUTION:

- Be careful not to let the front and center exhaust pipe assembly fall off when removing as it is quite heavy.
- After removing the front and center exhaust pipe assembly, do not apply excessive pulling force on the rear exhaust pipe.

10) Separate the front exhaust pipe from center exhaust pipe.



11) Remove the front oxygen (A/F) sensor and the rear oxygen sensor. <Ref. to FU(H4SO)-44, REMOVAL, Front Oxygen (A/F) Sensor. > A <Ref. to FU(H4SO)-46, REMOVAL, Rear Oxygen Sensor. >

## B: INSTALLATION

1) Install the front oxygen (A/F) sensor and the rear oxygen sensor. <Ref. to FU(H4SO)-44, INSTALLATION, Front Oxygen (A/F) Sensor. > A <Ref. to FU(H4SO)-46, INSTALLATION, Rear Oxygen Sensor. >

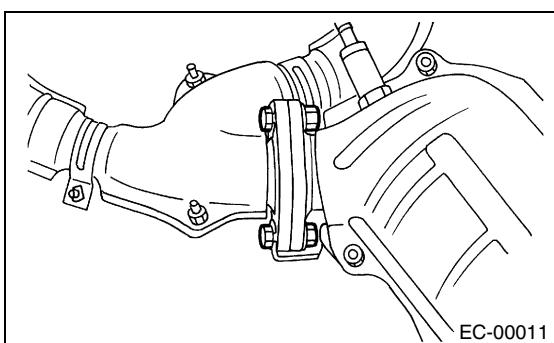
2) Install the front exhaust pipe to center exhaust pipe.

### NOTE:

Replace the gaskets with new ones.

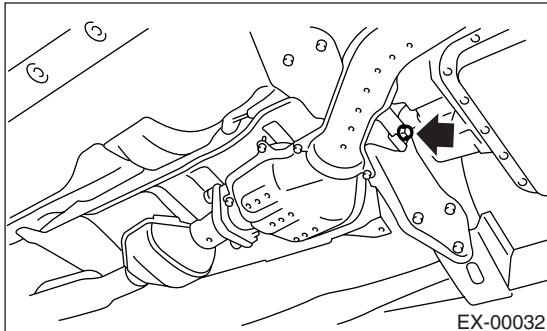
### Tightening torque:

30 N·m (3.1 kgf-m, 22.4 ft-lb)



3) Install the front and center exhaust pipe assembly to vehicle.

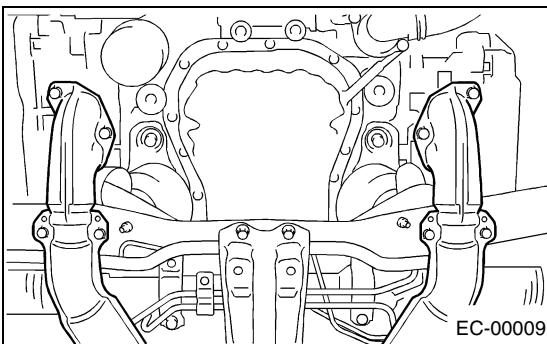
4) Temporarily tighten the bolt which installs front and center exhaust pipe assembly to hanger bracket.



5) Tighten the nuts which hold front exhaust pipe onto cylinder heads.

### Tightening torque:

30 N·m (3.1 kgf-m, 22.4 ft-lb)

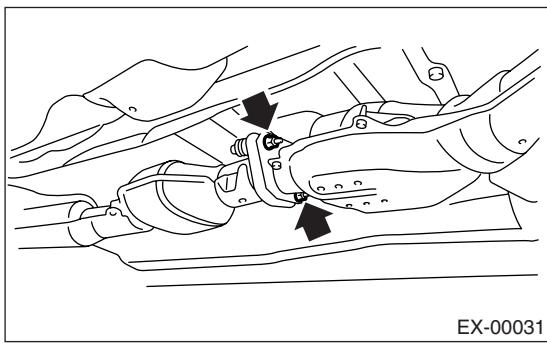


6) Install the under cover.

7) Tighten the bolts which install front and center exhaust pipe assembly to rear exhaust pipe.

### Tightening torque:

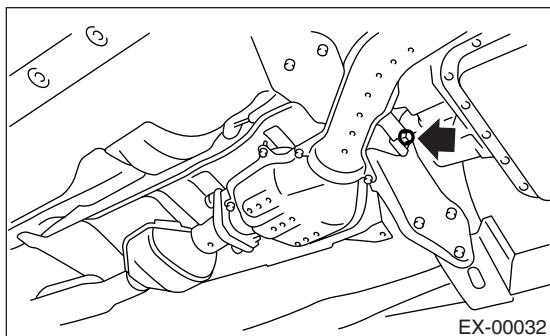
18 N·m (1.8 kgf-m, 13.0 ft-lb)



8) Tighten the bolt which holds front and center exhaust pipe assembly to hanger bracket.

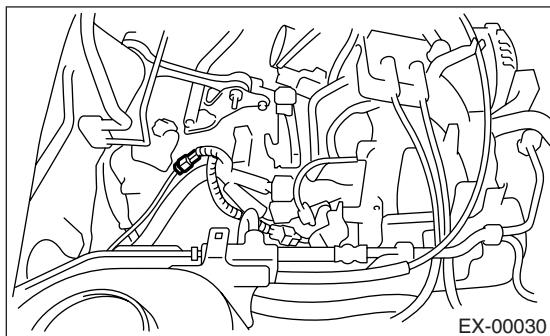
**Tightening torque:**

**35 N·m (3.6 kgf-m, 26.0 ft-lb)**

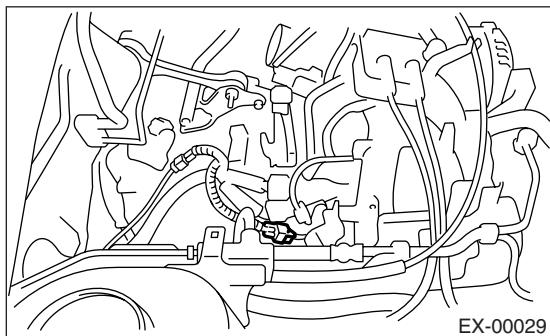


9) Lower the vehicle.

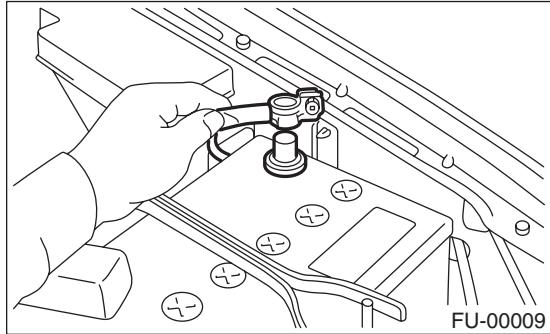
10) Connect the rear oxygen sensor connector.



11) Connect the front oxygen (A/F) sensor connector.



12) Connect the battery ground cable to battery.



**C: INSPECTION**

- 1) Make sure there are no exhaust leaks from connections and welds.
- 2) Make sure there are no holes or rusting.