

# Front Exhaust Pipe

## EXHAUST

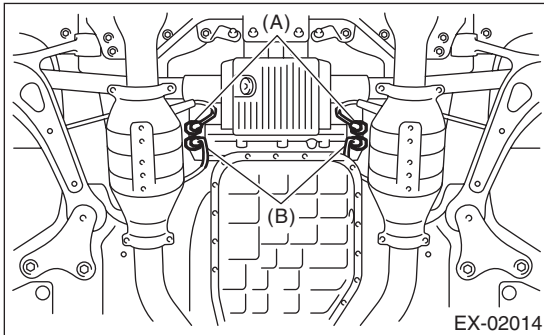
### 2. Front Exhaust Pipe

#### A: REMOVAL

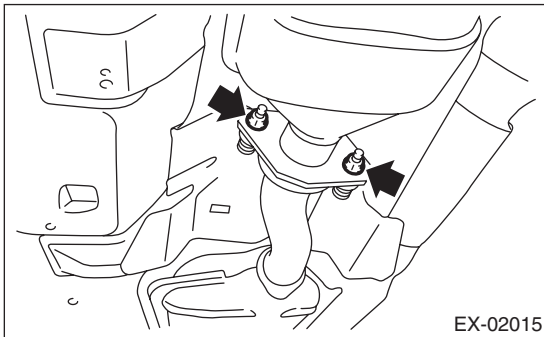
##### CAUTION:

Vehicle components are extremely hot after driving. Be wary of receiving burns from heated parts.

- 1) Set the vehicle on a lift.
- 2) Disconnect the ground cable from battery.
- 3) Lift up the vehicle.
- 4) Remove the under cover.
- 5) Remove the front oxygen (A/F) sensor connector (A) and rear oxygen sensor connector (B).



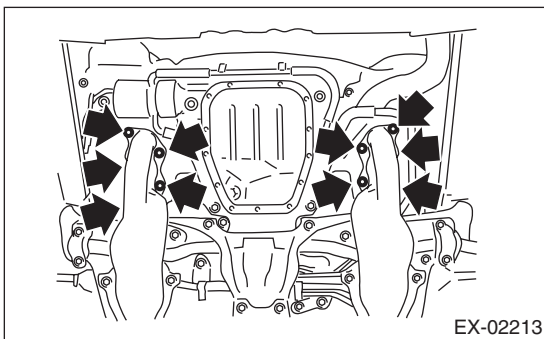
- 6) Separate the front exhaust pipe from rear exhaust pipe.



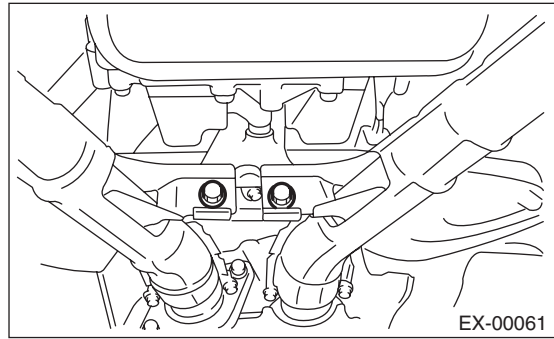
- 7) Remove the nuts which hold front exhaust pipe onto cylinder heads.

##### CAUTION:

Be careful not to let the front exhaust pipe assembly fall off.



- 8) Remove the bolts which hold front exhaust pipe assembly to hanger bracket.

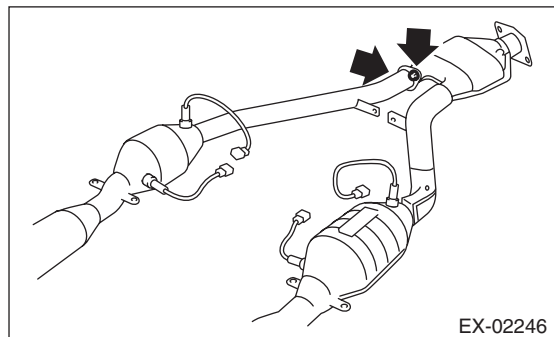


- 9) Remove the front exhaust pipe assembly from vehicle.

##### CAUTION:

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

- 10) Separate the front exhaust pipe (RH) from front exhaust pipe assembly.



- 11) Remove the front oxygen (A/F) sensor and rear oxygen sensor. <Ref. to FU(H6DO)-34, REMOVAL, Front Oxygen (A/F) Sensor.> <Ref. to FU(H6DO)-36, REMOVAL, Rear Oxygen Sensor.>

## B: INSTALLATION

1) Install the front oxygen (A/F) sensor and rear oxygen sensor. <Ref. to FU(H6DO)-35, INSTALLATION, Front Oxygen (A/F) Sensor.> <Ref. to FU(H6DO)-37, INSTALLATION, Rear Oxygen Sensor.>

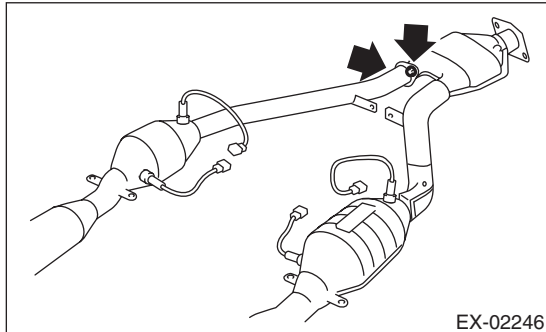
2) Install the front exhaust pipe (RH) to front exhaust pipe (LH).

NOTE:

Use a new gasket.

**Tightening torque:**

**30 N·m (3.1 kgf-m, 22.1 ft-lb)**

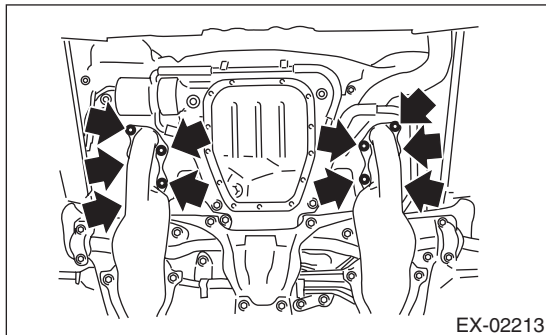


3) Install the front exhaust pipe assembly to vehicle.

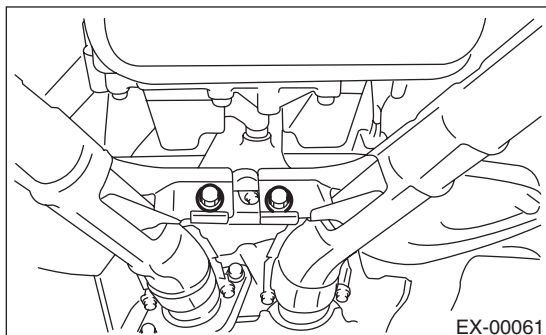
4) Temporarily tighten the nuts to cylinder head which hold front exhaust pipe.

NOTE:

Use a new gasket.



5) Temporarily tighten the bolts which hold front exhaust pipe assembly to hanger bracket.



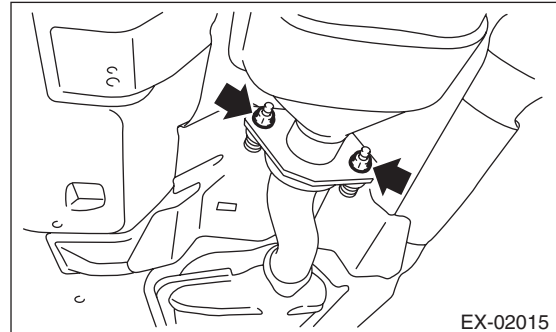
6) Tighten the bolts which install front exhaust pipe to rear exhaust pipe.

NOTE:

Use a new gasket.

**Tightening torque:**

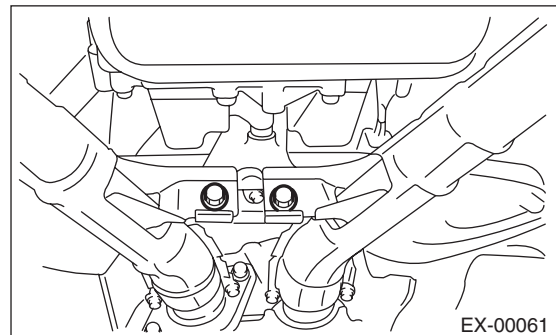
**18 N·m (1.8 kgf-m, 13.3 ft-lb)**



7) Tighten the bolts which hold front exhaust pipe assembly to hanger bracket.

**Tightening torque:**

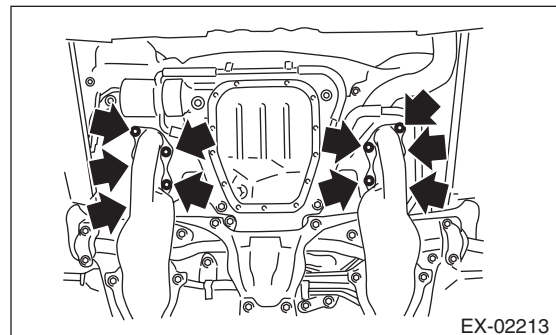
**35 N·m (3.6 kgf-m, 25.8 ft-lb)**



8) Install the nuts to cylinder head which hold front exhaust pipe.

**Tightening torque:**

**30 N·m (3.1 kgf-m, 22.1 ft-lb)**



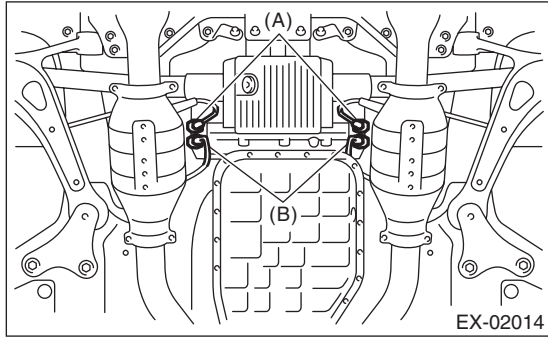
9) Install the under cover.

## Front Exhaust Pipe

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- 10) Connect the front oxygen (A/F) sensor connector (A) and rear oxygen sensor connector (B).



- 11) Lower the vehicle.
- 12) Connect the ground cable to battery.

### **C: INSPECTION**

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