

# Front Exhaust Pipe

## EXHAUST

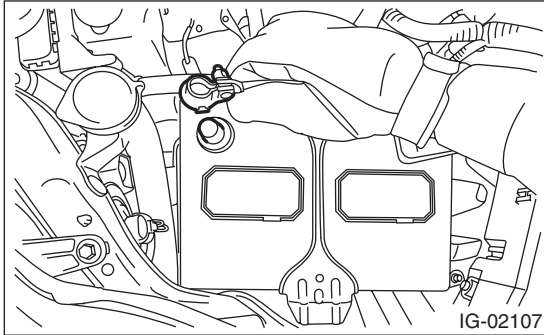
### 2. Front Exhaust Pipe

#### A: REMOVAL

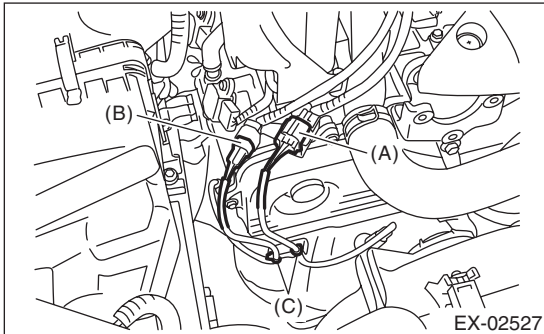
##### CAUTION:

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

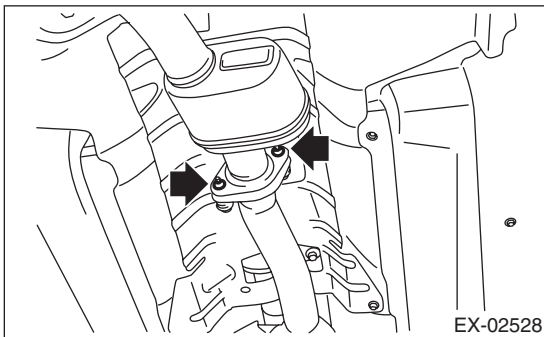
- 1) Remove the air intake duct. <Ref. to IN(H4SO)-9, REMOVAL, Air Intake Duct.>
- 2) Disconnect the ground cable from battery.



- 3) Disconnect the front oxygen (A/F) sensor connector (A) and rear oxygen sensor connector (B) and remove the clip (C) fastening the harness.



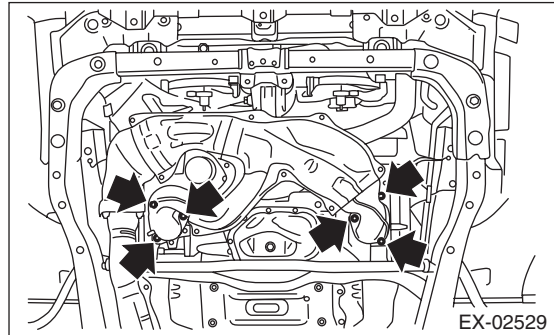
- 4) Lift up the vehicle.
- 5) Remove the under cover. <Ref. to EI-35, REMOVAL, Front Under Cover.>
- 6) Remove the rear exhaust pipe from center exhaust pipe.



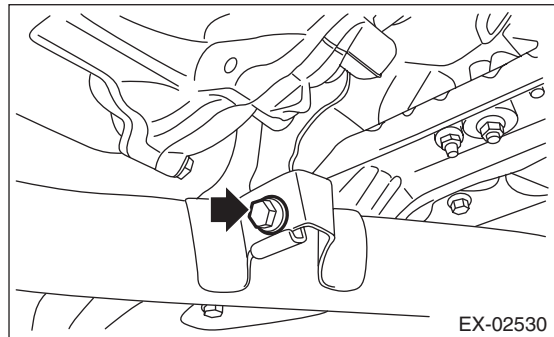
- 7) Remove the nuts which hold front exhaust pipe onto cylinder heads.

##### CAUTION:

Be careful not to drop the front exhaust pipe and center exhaust pipe assembly.



- 8) Remove the bolt which holds center exhaust pipe to hanger bracket.

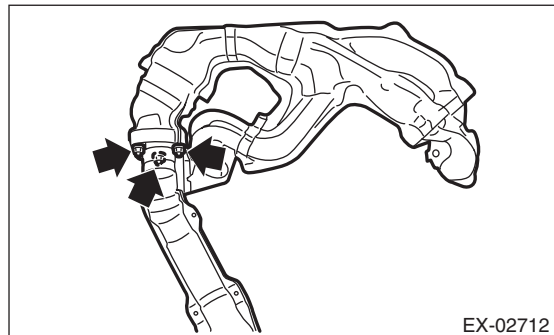


- 9) Remove the front exhaust pipe and center exhaust pipe from vehicle as a unit.

##### CAUTION:

- The front exhaust pipe and center exhaust pipe assembly are very heavy. Be careful not to drop the exhaust pipes when removing.
- After removing the front exhaust pipe and center exhaust pipe assembly, do not pull the rear exhaust pipe with excessive force.

- 10) Remove the center exhaust pipe from the front exhaust pipe.



- 11) Remove the front oxygen (A/F) sensor and rear oxygen sensor from front exhaust pipe. <Ref. to FU(H4SO)-37, REMOVAL, Front Oxygen (A/F) Sensor.> <Ref. to FU(H4SO)-39, REMOVAL, Rear Oxygen Sensor.>

## B: INSTALLATION

1) Install the front oxygen (A/F) sensor and rear oxygen sensor to the front exhaust pipe. <Ref. to FU(H4SO)-37, INSTALLATION, Front Oxygen (A/F) Sensor.> <Ref. to FU(H4SO)-39, INSTALLATION, Rear Oxygen Sensor.>

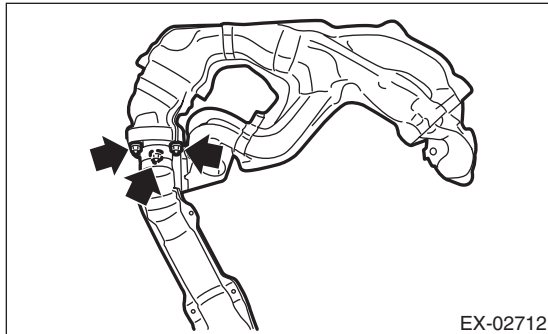
2) Install the center exhaust pipe to front exhaust pipe.

NOTE:

Use a new gasket.

**Tightening torque:**

**40 N·m (4.1 kgf-m, 29.5 ft-lb)**

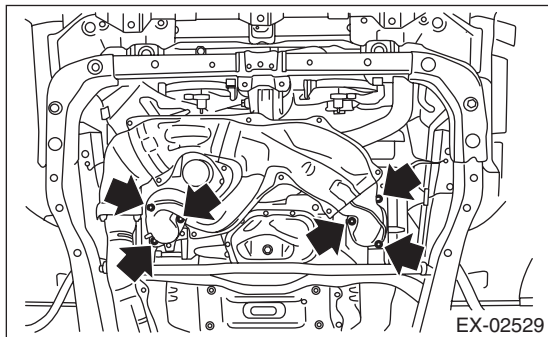


3) Install the front exhaust pipe and center exhaust pipe as a unit to the vehicle.

NOTE:

Use a new gasket.

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



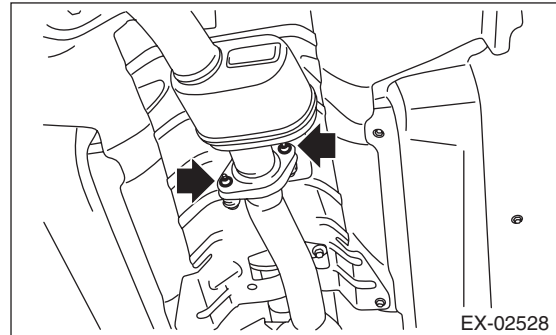
5) Install the rear exhaust pipe to center exhaust pipe.

NOTE:

Use a new gasket.

**Tightening torque:**

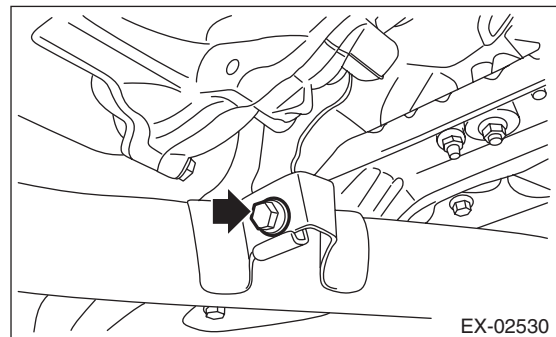
**18 N·m (1.8 kgf-m, 13.3 ft-lb)**



6) Tighten the bolts which secure the center exhaust pipe to the hanger bracket.

**Tightening torque:**

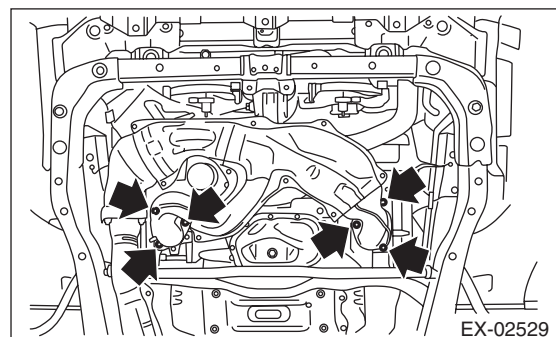
**35 N·m (3.6 kgf-m, 25.8 ft-lb)**



7) Tighten the nuts which hold front exhaust pipe to cylinder heads.

**Tightening torque:**

**30 N·m (3.1 kgf-m, 22.1 ft-lb)**



## Front Exhaust Pipe

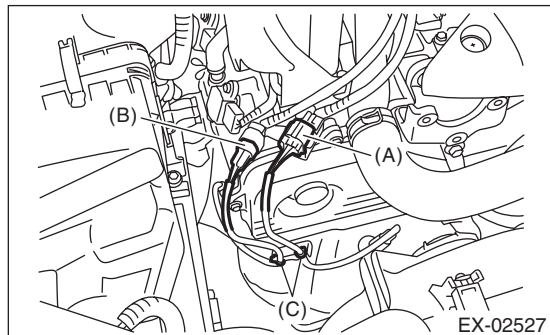
### EXHAUST

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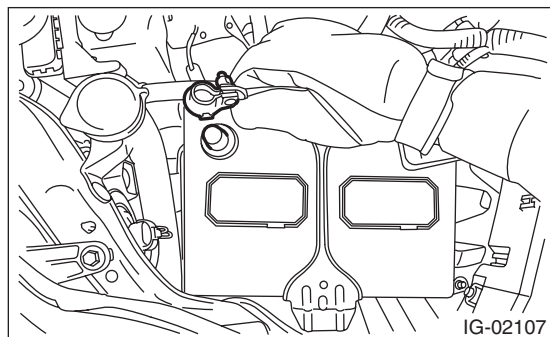
8) Install the under cover. <Ref. to EI-35, INSTALLATION, Front Under Cover.>

9) Lower the vehicle.

10) Connect the front oxygen (A/F) sensor connector (A) and rear oxygen sensor connector (B), and fasten the harness with the clip (C).



11) Connect the battery ground terminal.



12) Install the air intake duct. <Ref. to IN(H4SO)-9, INSTALLATION, Air Intake Duct.>

### C: INSPECTION

1) Check the connections and welds for exhaust leaks.

2) Make sure there are no holes or rusting.