

Front Exhaust Pipe

EXHAUST

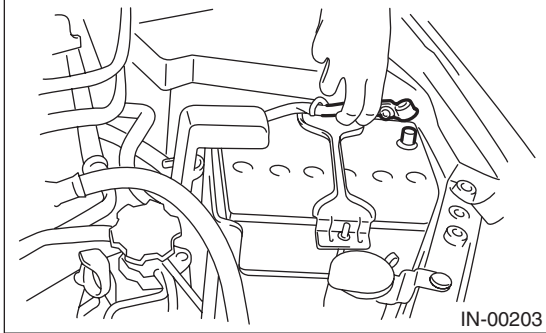
2. Front Exhaust Pipe

A: REMOVAL

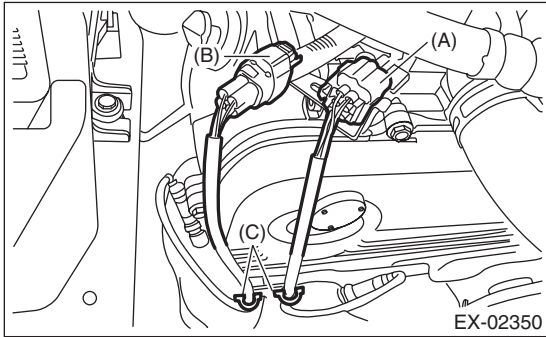
CAUTION:

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

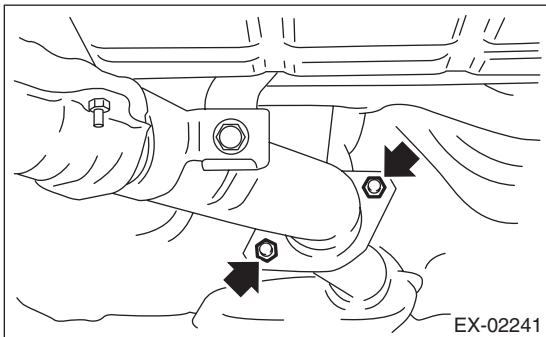
- 1) Set the vehicle on a lift.
- 2) Disconnect the ground cable from battery.



- 3) Remove the air intake duct. <Ref. to IN(H4SO)-8, REMOVAL, Air Intake Duct.>
- 4) Disconnect the front oxygen (A/F) sensor connector (A) and rear oxygen sensor connector (B) and remove the clip (C) fastening the harness.



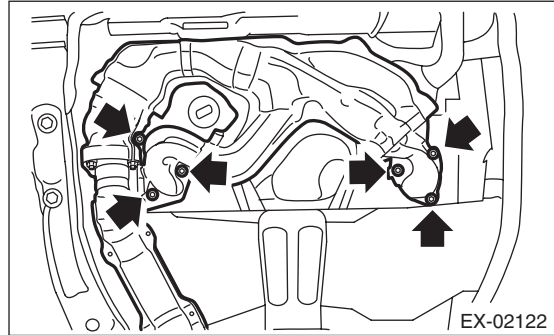
- 5) Lift up the vehicle.
- 6) Remove the under cover.
- 7) Remove the center exhaust pipe from rear exhaust pipe.



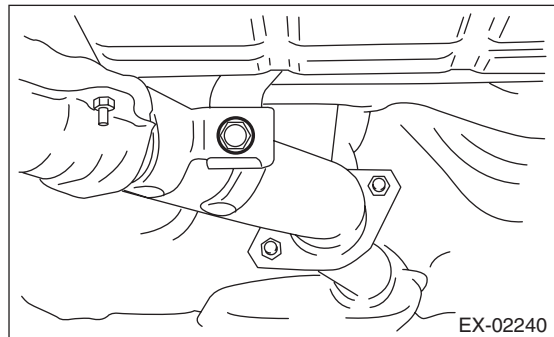
- 8) Remove the nuts which hold front exhaust pipe onto cylinder heads.

CAUTION:

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



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

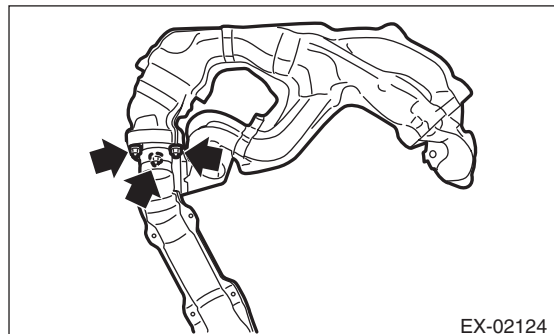


- 10) Remove the front exhaust pipe and center exhaust pipe from vehicle as a unit.

CAUTION:

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

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



- 12) Remove the front oxygen (A/F) sensor and rear oxygen sensor from front exhaust pipe. <Ref. to FU(H4SO)-41, REMOVAL, Front Oxygen (A/F) Sensor.> <Ref. to FU(H4SO)-43, 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)-41, INSTALLATION, Front Oxygen (A/F) Sensor.> <Ref. to FU(H4SO)-43, INSTALLATION, Rear Oxygen Sensor.>

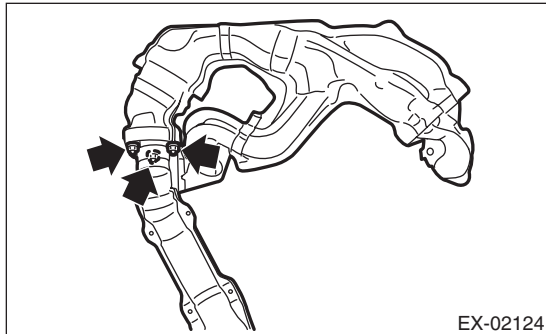
2) Install the front exhaust pipe to center exhaust pipe.

NOTE:

Use a new gasket.

Tightening torque:

40 N·m (4.1 kgf-m, 29.5 ft-lb)

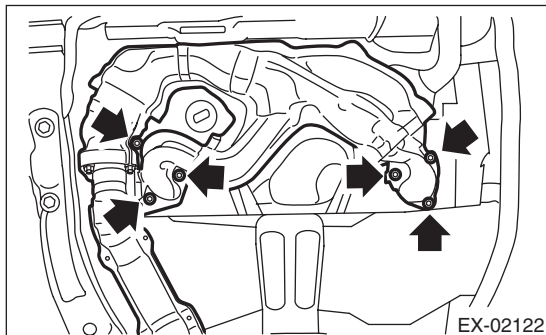


3) Install the front and center exhaust pipe to the vehicle as a unit.

NOTE:

Use a new gasket.

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



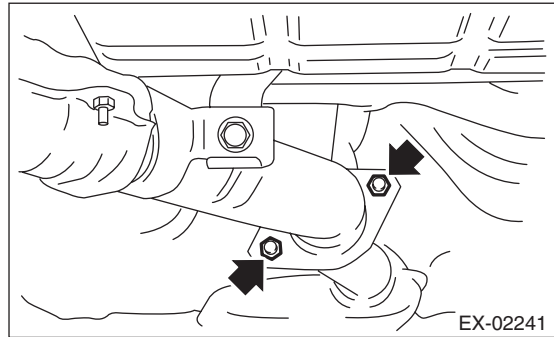
5) Install the center exhaust pipe to rear exhaust pipe.

NOTE:

Use a new gasket.

Tightening torque:

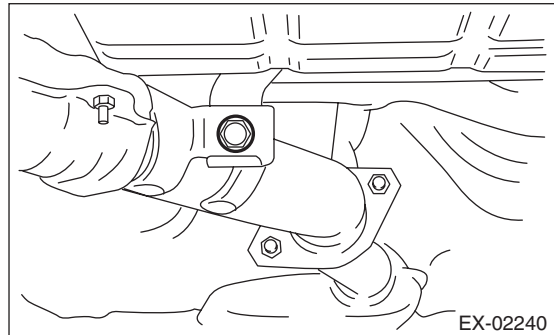
18 N·m (1.8 kgf-m, 13.3 ft-lb)



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

Tightening torque:

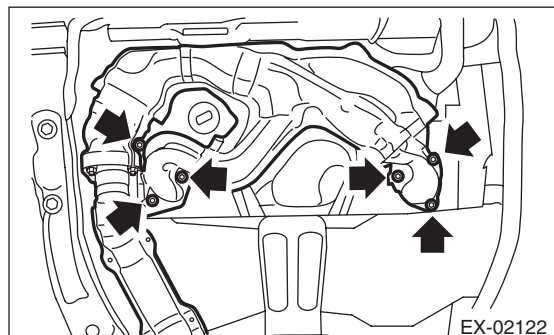
35 N·m (3.6 kgf-m, 25.8 ft-lb)



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)



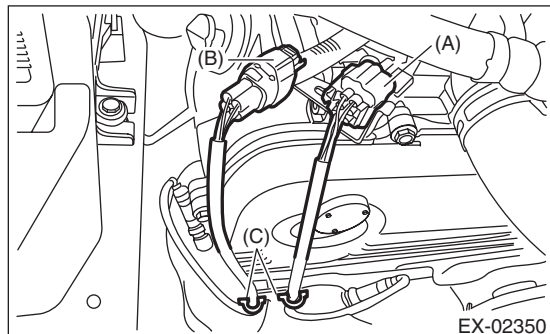
8) Install the under cover.

9) Lower the vehicle.

Front Exhaust Pipe

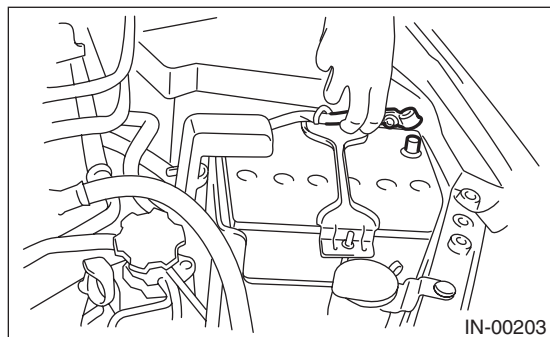
EXHAUST

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) Install the air intake duct. <Ref. to IN(H4SO)-8, INSTALLATION, Air Intake Duct.>

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.