

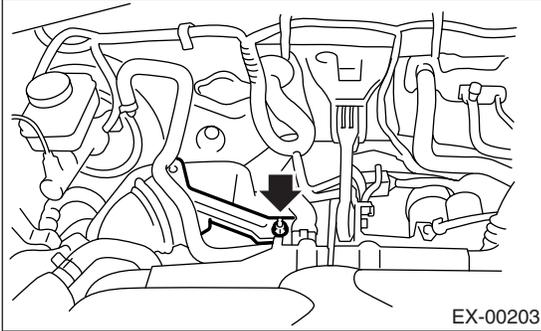
Center Exhaust Pipe

EXHAUST

3. Center Exhaust Pipe

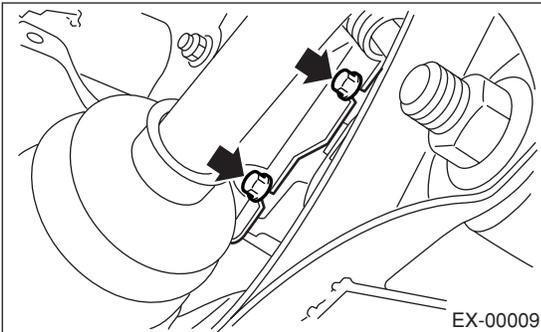
A: REMOVAL

- 1) Set the vehicle on a lift.
- 2) Remove the collector cover.
- 3) Disconnect the ground cable from battery.
- 4) Remove the intercooler. <Ref. to IN(H4DOTC)-12, REMOVAL, Intercooler.>
- 5) Remove the intercooler bracket.

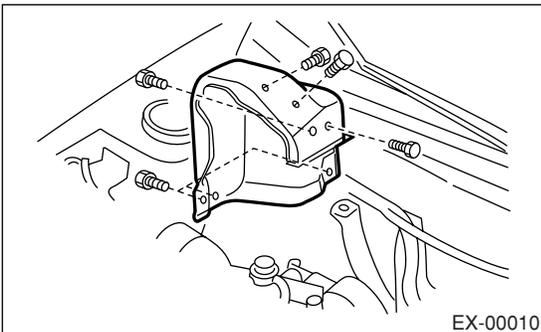


- 6) Lift-up the vehicle.
- 7) Remove the under cover.
- 8) Remove the bolts which install lower side of turbocharger upper cover.

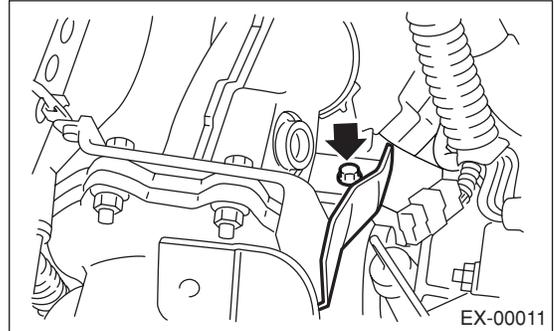
CAUTION:
Be careful, the turbocharger and exhaust pipe are hot.



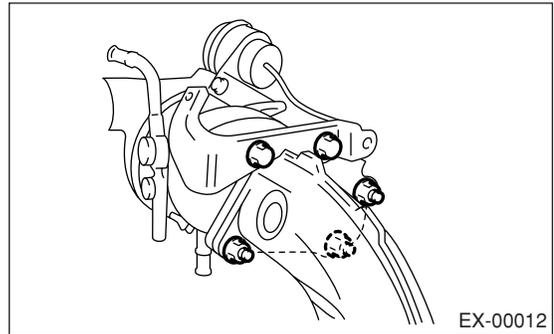
- 9) Lower the vehicle.
- 10) Remove the turbocharger upper cover.



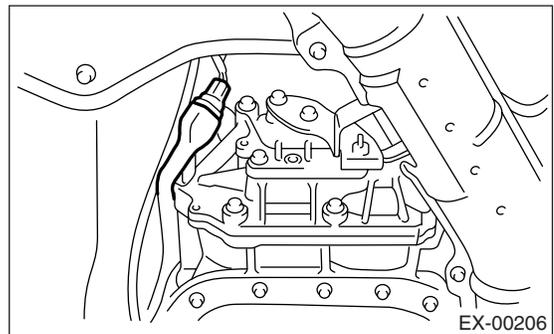
- 11) Remove the bolts which install upper side of turbocharger upper cover.



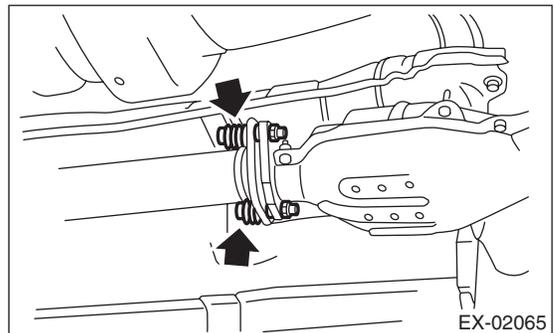
- 12) Separate the center exhaust pipe from turbocharger.



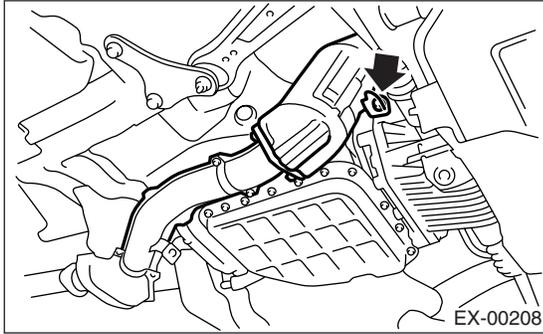
- 13) Lift-up the vehicle.
- 14) Disconnect the connector from rear oxygen sensor.



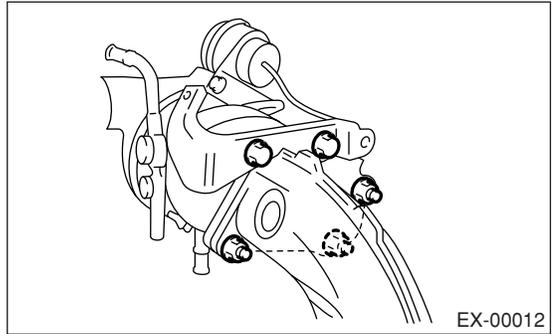
- 15) Separate the center exhaust pipe from rear exhaust pipe.



16) Remove the bolt which holds center exhaust pipe bracket to transmission.



Tightening torque:
35 N·m (3.6 kgf-m, 26.0 ft-lb)

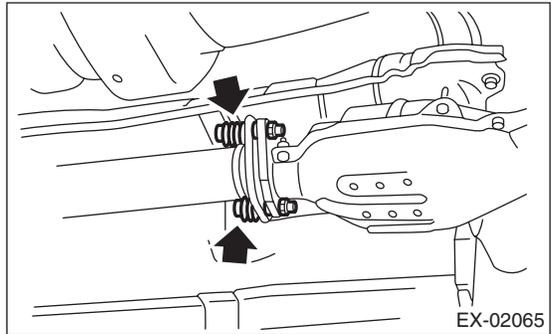
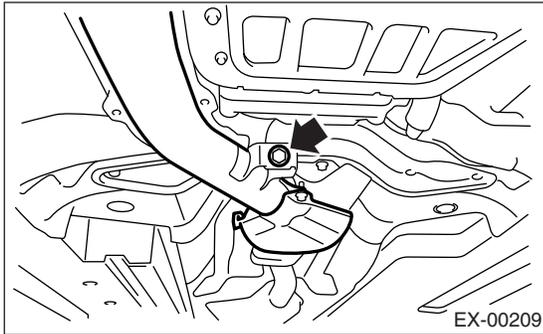


17) Remove the intercooler bracket.
 18) Remove the bolt which holds center exhaust pipe to hanger bracket.

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

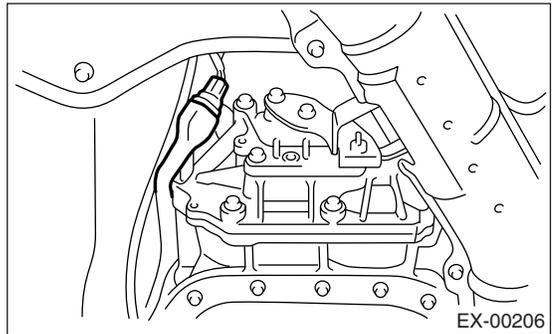
CAUTION:
 Be careful not to pull down the center exhaust pipe.

Tightening torque:
18 N·m (1.8 kgf-m, 13.0 ft-lb)



19) Remove the center exhaust pipe.

5) Connect the connector to rear oxygen sensor.



B: INSTALLATION

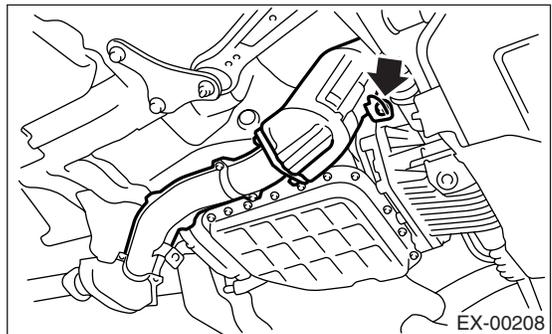
NOTE:

Replace the gaskets with new ones.

- 1) Install the center exhaust pipe and temporarily tighten the bolt which holds center exhaust pipe to hanger bracket.
- 2) Temporarily tighten the bolt which holds center pipe to transmission.
- 3) Connect the center exhaust pipe to turbocharger.

6) Tighten the bolt which holds center exhaust pipe bracket to transmission.

Tightening torque:
30 N·m (3.1 kgf-m, 22.4 ft-lb)



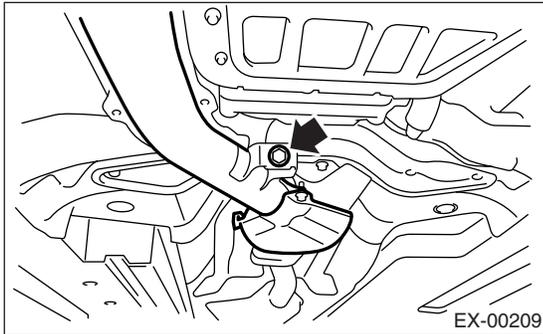
Center Exhaust Pipe

EXHAUST

7) Tighten the bolt which holds center exhaust pipe to hanger bracket.

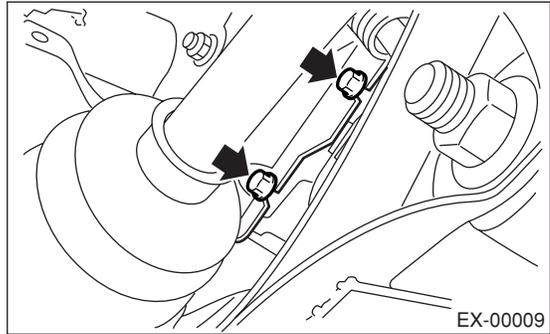
Tightening torque:

35 N·m (3.6 kgf-m, 26.0 ft-lb)



Tightening torque:

7.4 N·m (0.75 kgf-m, 5.4 ft-lb)



8) Tighten the bolts which hold intercooler bracket.

Tightening torque:

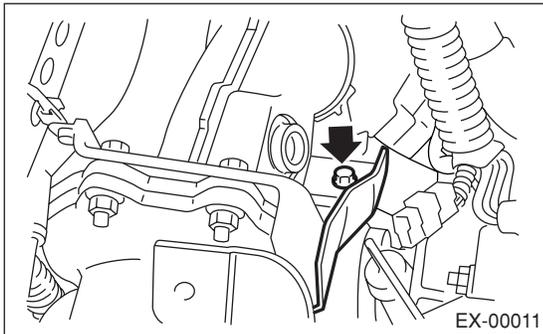
35 N·m (3.6 kgf-m, 26.0 ft-lb)

9) Lower the vehicle.

10) Place the turbocharger lower cover, and tighten the bolts which install upper side of lower cover.

Tightening torque:

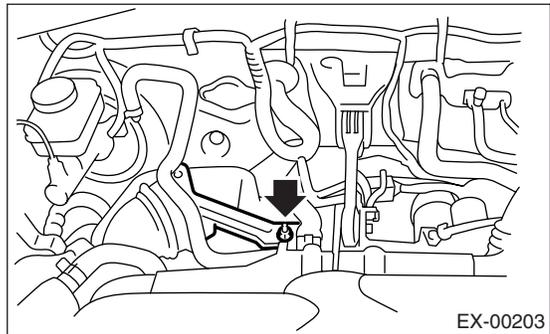
7.4 N·m (0.75 kgf-m, 5.4 ft-lb)



14) Install the under cover.

15) Lower the vehicle.

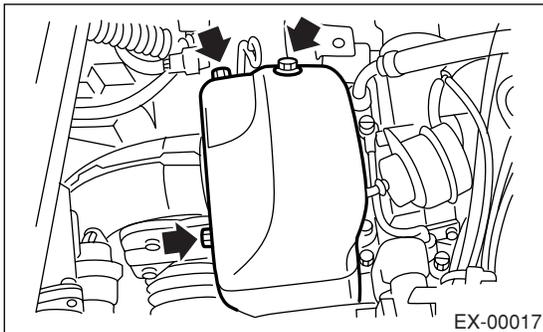
16) Install the intercooler bracket.



11) Place the turbocharger upper cover, and tighten the bolts which install upper side of upper cover.

Tightening torque:

7.4 N·m (0.75 kgf-m, 5.4 ft-lb)



17) Install the intercooler. <Ref. to IN(H4DOTC)-12, INSTALLATION, Intercooler.>

18) Install the collector cover.

C: INSPECTION

1) Check the connections and welds for exhaust leaks.

2) Check the center exhaust pipe for holes or rust.

12) Lift-up the vehicle.

13) Tighten the bolts which install under side of turbocharger upper cover.