

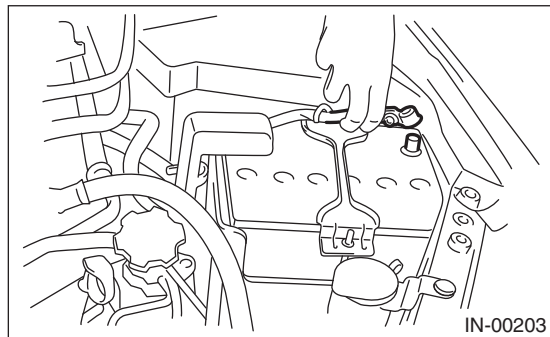
3. Center Exhaust Pipe

A: REMOVAL

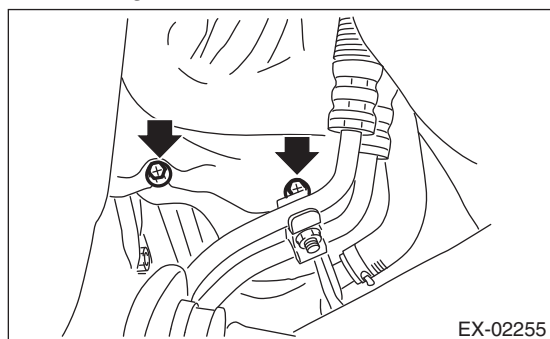
CAUTION:

Be careful not to burn yourself, because the exhaust pipe becomes extremely hot after running.

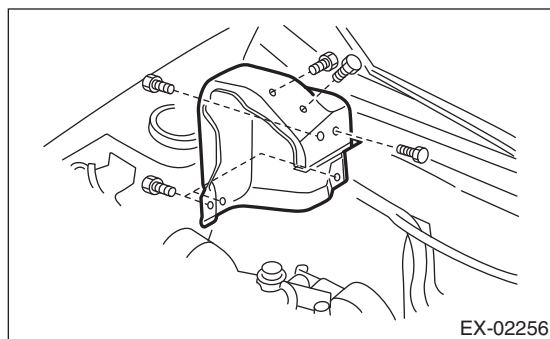
- 1) Set the vehicle on a lift.
- 2) Remove the collector cover.
- 3) Disconnect the ground cable from the battery.



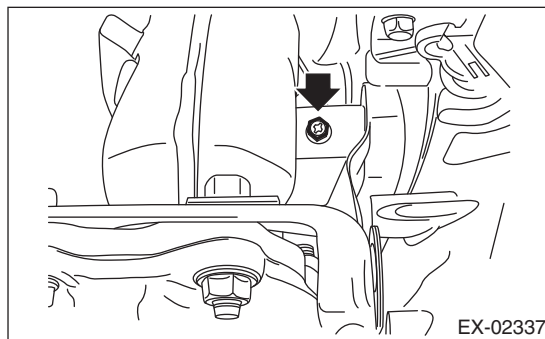
- 4) Remove the intercooler. <Ref. to IN(H4DOTC)-11, REMOVAL, Intercooler.>
- 5) Lift up the vehicle.
- 6) Remove the bolts which hold the lower side of the turbocharger lower cover.



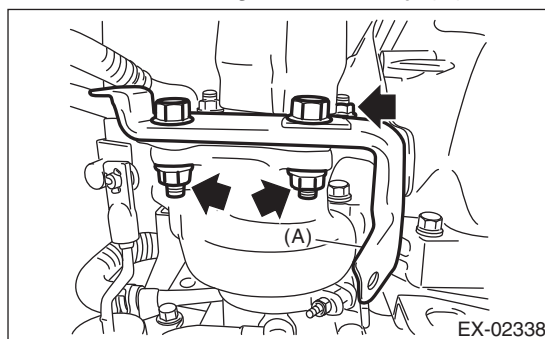
- 7) Lower the vehicle.
- 8) Remove the turbocharger upper cover.



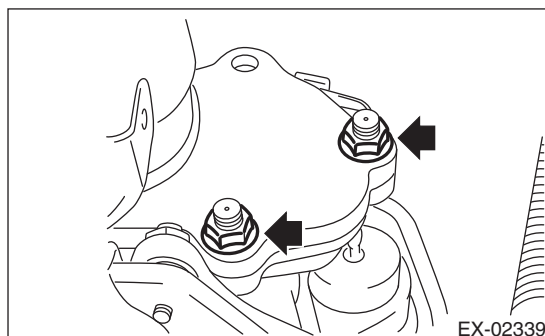
- 9) Remove the bolts which hold the upper side of the turbo charger lower cover.



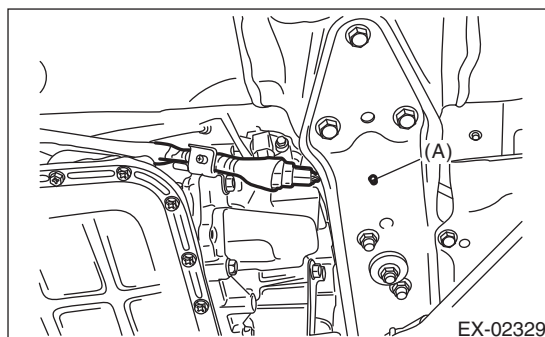
- 10) Remove the upper side bolts and nuts that hold the center exhaust pipe on the turbocharger, and remove the turbocharger cover stay (A).



- 11) Lift up the vehicle.
- 12) Remove the lower side nuts (two places) that hold the center exhaust pipe on the turbocharger.



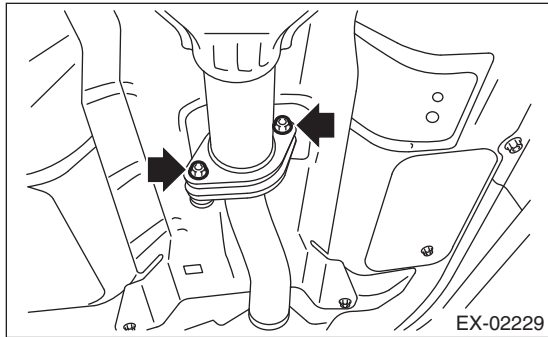
- 13) Disconnect the connector from the rear oxygen sensor, and remove the clip (A) holding the rear oxygen sensor harness.



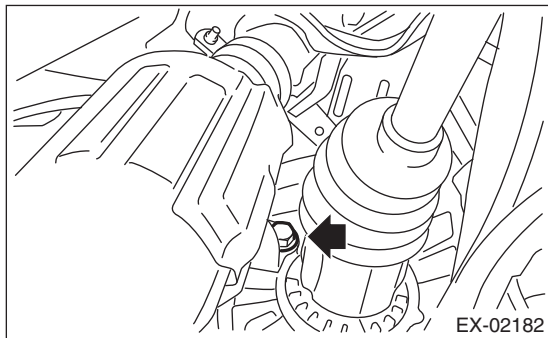
Center Exhaust Pipe

EXHAUST

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



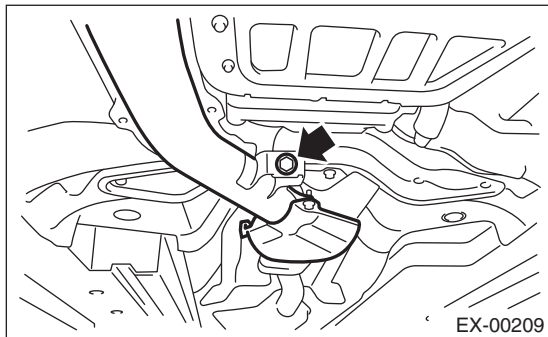
- 15) Remove the bolt which holds center exhaust pipe bracket to transmission.



- 16) Remove the bolts which hold the center exhaust pipe to the hanger bracket, and remove the center exhaust pipe.

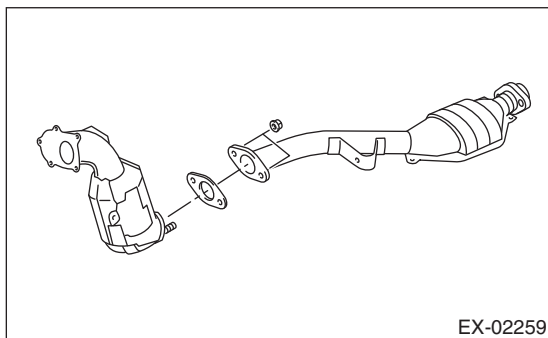
CAUTION:

Be careful not to drop the center exhaust pipe.



- 17) Remove the turbocharger lower cover.

- 18) Separate the center exhaust pipe (front) and center exhaust pipe (rear).



B: INSTALLATION

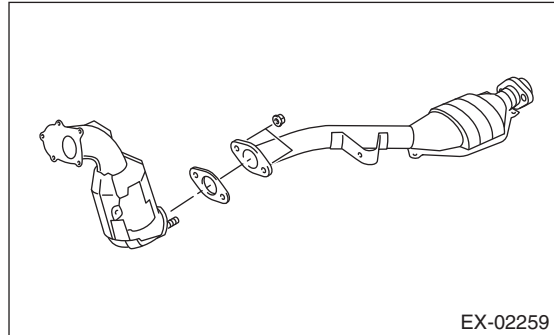
- 1) Assemble the center exhaust pipe (front) and center exhaust pipe (rear).

NOTE:

Use a new gasket.

Tightening torque:

42.5 N·m (4.3 kgf-m, 31.3 ft-lb)



- 2) Set the turbo charger lower cover, and temporarily tighten the bolt holding the lower side of the turbo charger lower cover.

- 3) Install the center exhaust pipe and temporarily tighten the bolt which holds center exhaust pipe to hanger bracket.

- 4) Temporarily tighten the bolt which holds the center exhaust pipe to the transmission.

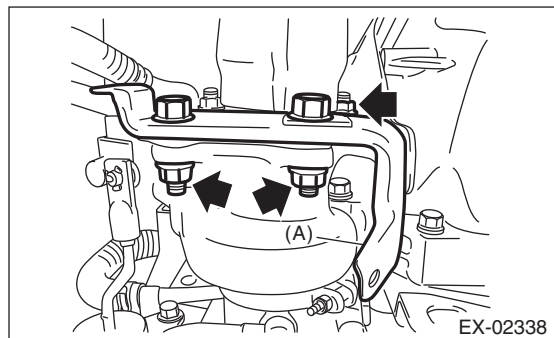
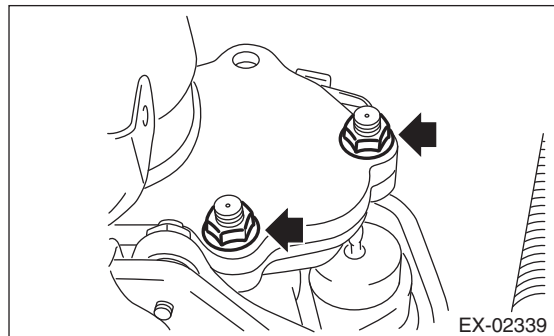
- 5) Connect the center exhaust pipe along with the turbo charger cover stay (A) to the turbocharger.

NOTE:

Use a new gasket.

Tightening torque:

42.5 N·m (4.3 kgf-m, 31.3 ft-lb)



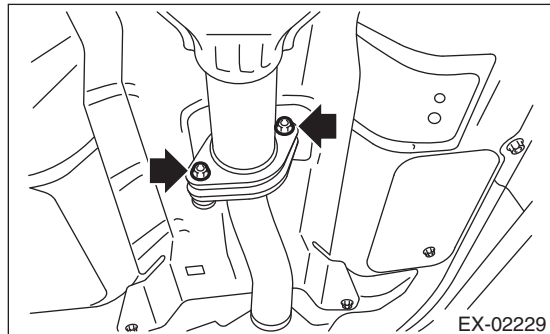
6) Install the center exhaust pipe to rear exhaust pipe.

NOTE:

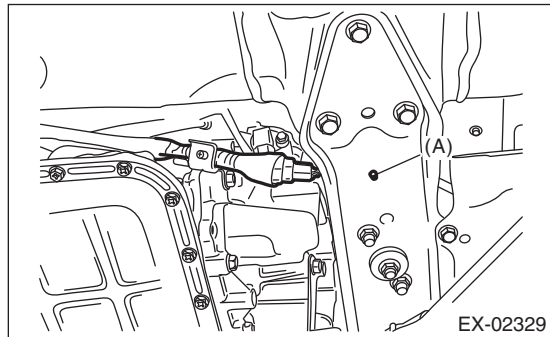
Use a new gasket.

Tightening torque:

18 N·m (1.8 kgf-m, 13.3 ft-lb)



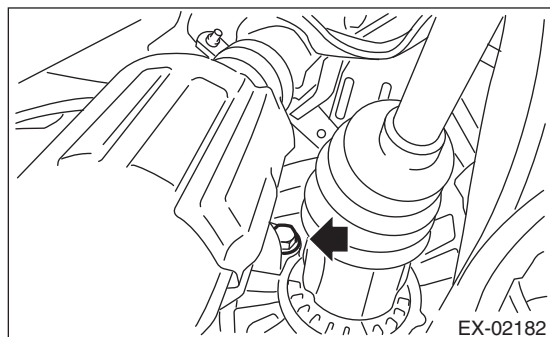
7) Connect the connector to the rear oxygen sensor, and hold the rear oxygen sensor harness with clip (A).



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

Tightening torque:

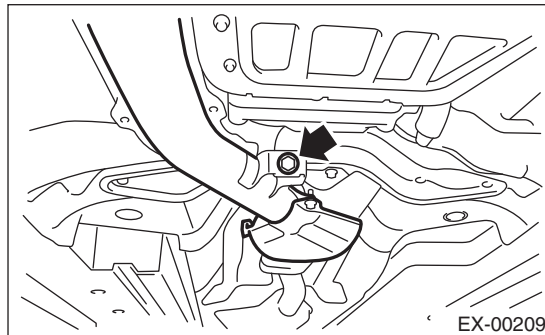
30 N·m (3.1 kgf-m, 22.1 ft-lb)



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

Tightening torque:

35 N·m (3.6 kgf-m, 25.8 ft-lb)

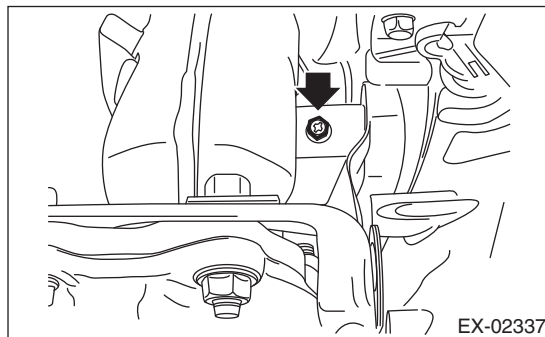


10) Lower the vehicle.

11) Attach the bolts which hold the upper side of the turbo charger lower cover.

Tightening torque:

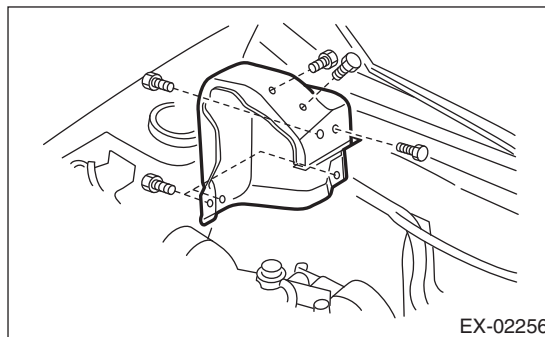
7.5 N·m (0.8 kgf-m, 5.5 ft-lb)



12) Attach the turbo charger upper cover.

Tightening torque:

7.5 N·m (0.8 kgf-m, 5.5 ft-lb)



13) Lift up the vehicle.

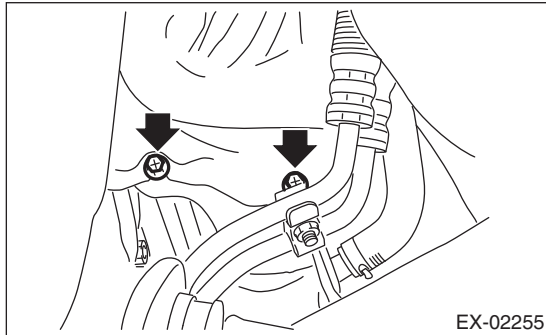
Center Exhaust Pipe

EXHAUST

14) Tighten the bolts which hold the lower side of the turbo charger lower cover.

Tightening torque:

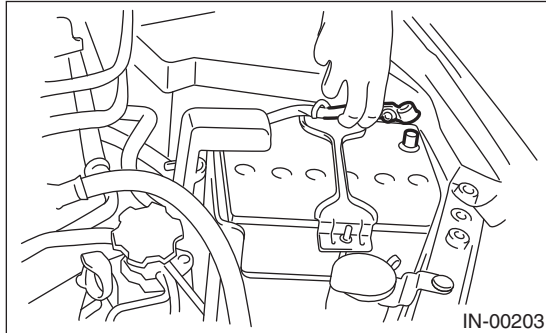
7.5 N·m (0.8 kgf-m, 5.5 ft-lb)



15) Lower the vehicle.

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

17) Connect the battery ground cable to battery.



18) Install the collector cover.

C: INSPECTION

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