

Center Exhaust Pipe

EXHAUST

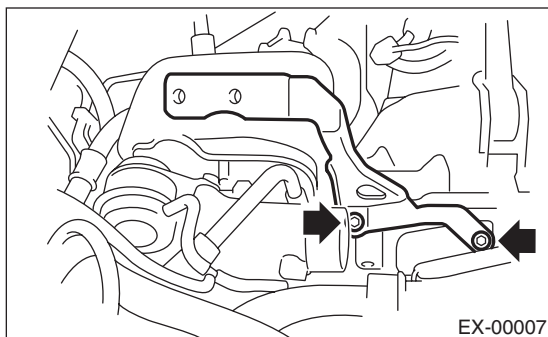
3. Center Exhaust Pipe

A: REMOVAL

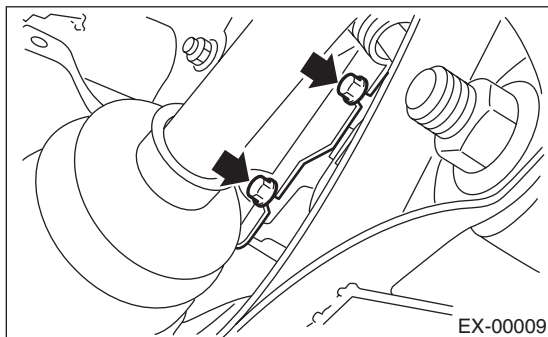
CAUTION:

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

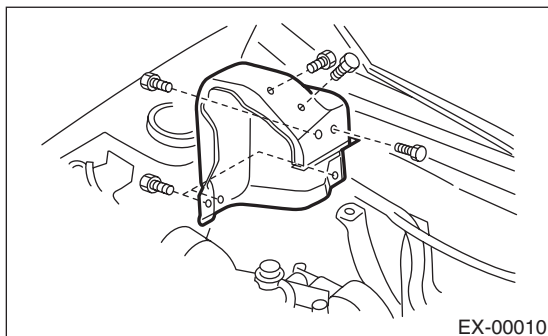
- 1) Set the vehicle on a lift.
- 2) Disconnect the ground cable from battery.
- 3) Remove the collector cover.
- 4) Remove the intercooler. <Ref. to IN(H4DOTC)-11, REMOVAL, Intercooler.>
- 5) Remove the intercooler bracket.



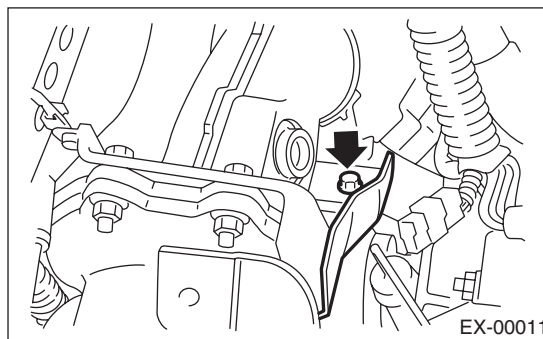
- 6) Lift up the vehicle.
- 7) Remove the under cover.
- 8) Remove the bolts which install the lower portion of turbocharger lower cover.



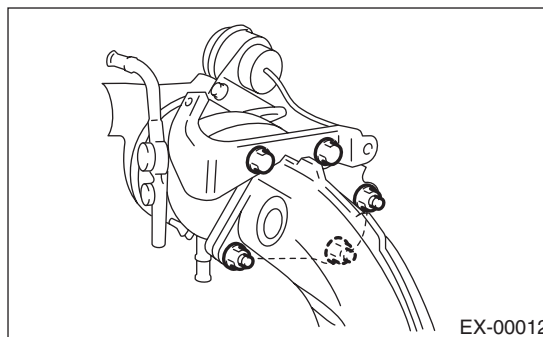
- 9) Lower the vehicle.
- 10) Remove the turbocharger upper cover.



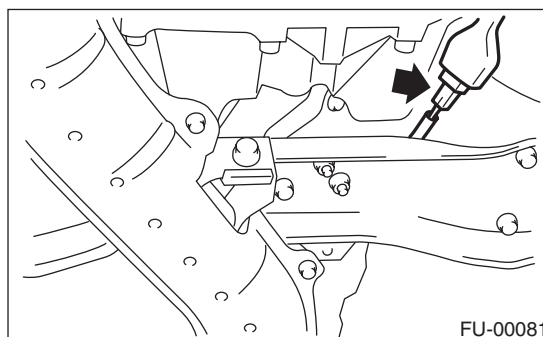
- 11) Remove the bolts which install the upper portion of turbocharger lower cover.



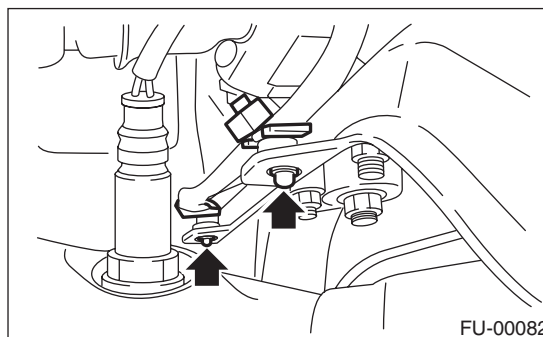
- 12) Separate the center exhaust pipe from turbocharger.



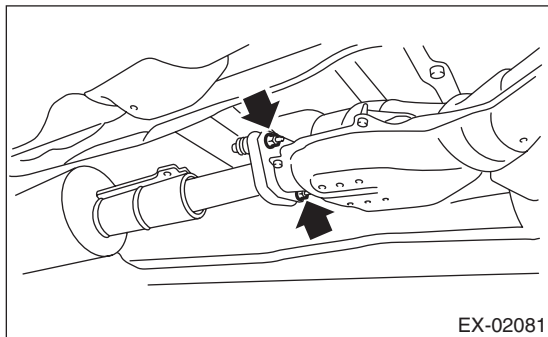
- 13) Lift up the vehicle.
- 14) Disconnect the connector from rear oxygen sensor.



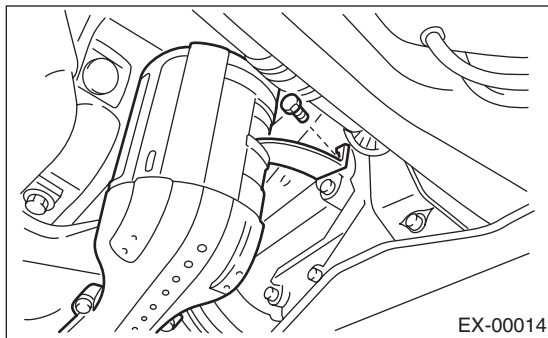
- 15) Vertically draw out clip from crossmember.



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



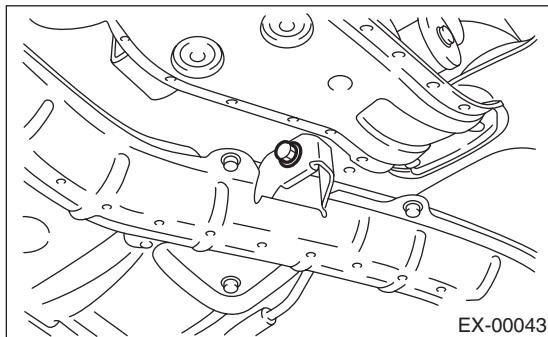
- 17) Remove the bolt which holds center exhaust pipe bracket to transmission.



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

CAUTION:

Be careful not to pull down the center exhaust pipe.



- 19) Remove the center exhaust pipe.



B: INSTALLATION

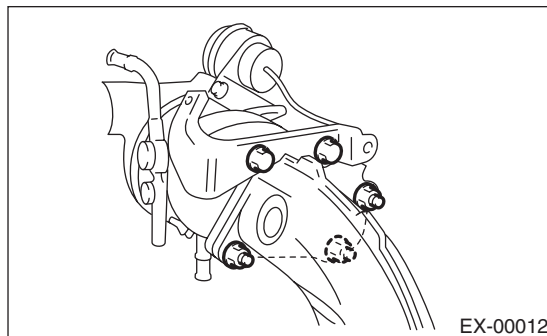
- 1) Install the center exhaust pipe and temporarily tighten the bolt which holds center exhaust pipe to hanger bracket.
- 2) Temporarily tighten the bolt which holds the center pipe to transmission.
- 3) Connect the center exhaust pipe to turbocharger.

NOTE:

Use a new gasket.

Tightening torque:

42.5 N·m (4.3 kgf-m, 31.3 ft-lb)



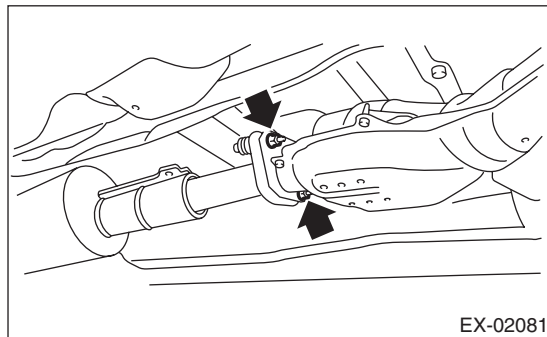
- 4) Install the center exhaust pipe to rear exhaust pipe.

NOTE:

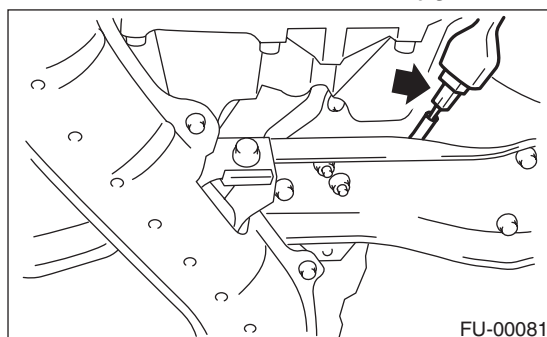
Use a new gasket.

Tightening torque:

18 N·m (1.8 kgf-m, 13.3 ft-lb)



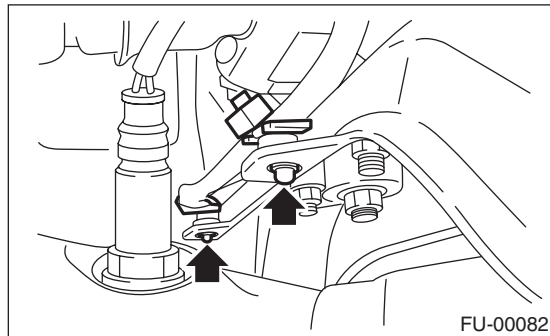
- 5) Connect the connector to rear oxygen sensor.



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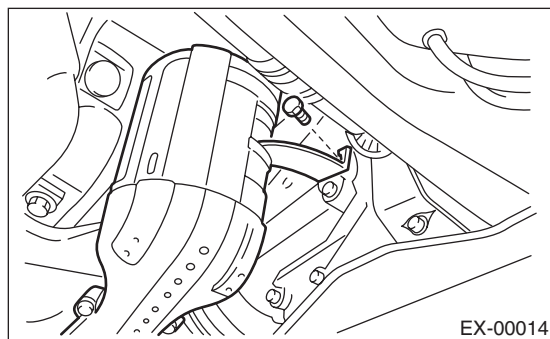
- 6) Secure clip on the crossmember.



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

Tightening torque:

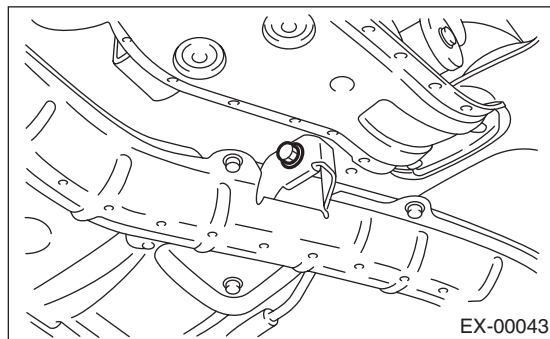
30 N·m (3.1 kgf-m, 22.1 ft-lb)



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

Tightening torque:

35 N·m (3.6 kgf-m, 25.8 ft-lb)

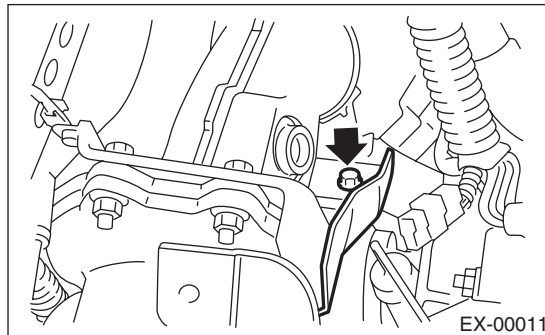


- 9) Lower the vehicle.

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

Tightening torque:

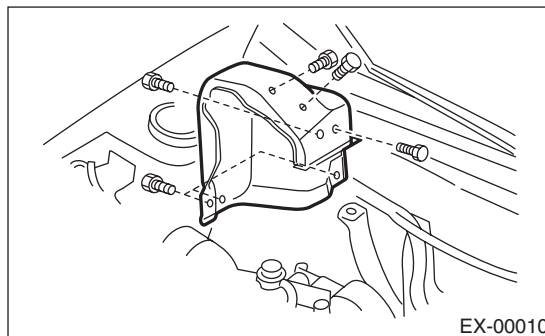
7.5 N·m (0.8 kgf-m, 5.5 ft-lb)



- 11) Position the turbocharger upper cover, and tighten the bolts which install the upper cover.

Tightening torque:

7.5 N·m (0.8 kgf-m, 5.5 ft-lb)

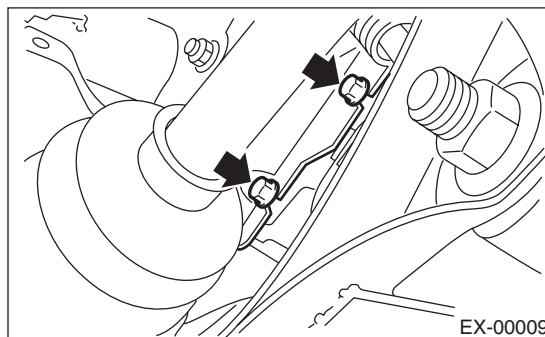


- 12) Lift up the vehicle.

- 13) Tighten the bolts which install the lower portion of turbocharger lower cover.

Tightening torque:

7.5 N·m (0.8 kgf-m, 5.5 ft-lb)



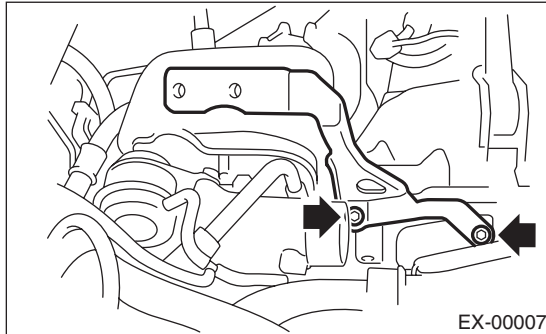
- 14) Install the under cover.

- 15) Lower the vehicle.

16) Install the intercooler bracket.

Tightening torque:

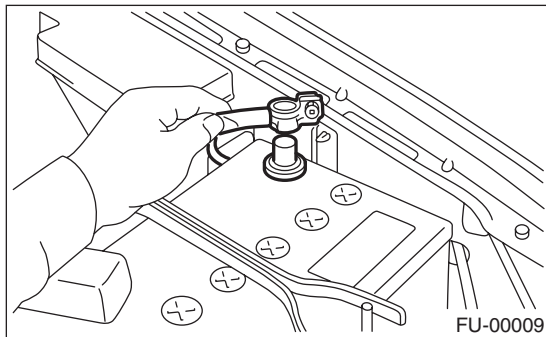
16 N·m (1.6 kgf-m, 11.8 ft-lb)



17) Install the intercooler. <Ref. to IN(H4DOTC)-11, INSTALLATION, Intercooler.>

18) Install the collector cover.

19) 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.