

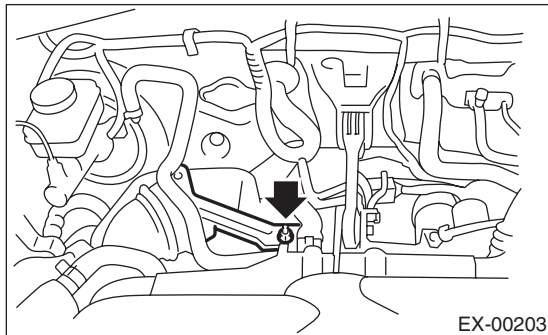
# Center Exhaust Pipe

## EXHAUST

### 3. Center Exhaust Pipe

#### A: REMOVAL

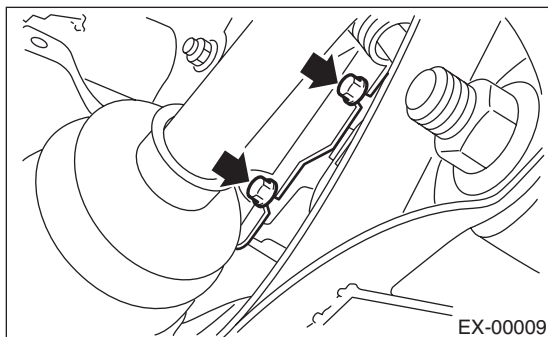
- 1) Set the vehicle on a lift.
- 2) Remove the collector cover.
- 3) Disconnect the ground cable from battery.
- 4) Remove the intercooler. <Ref. to IN(H4DOTC)-12, REMOVAL, Intercooler.>
- 5) Remove the intercooler bracket.



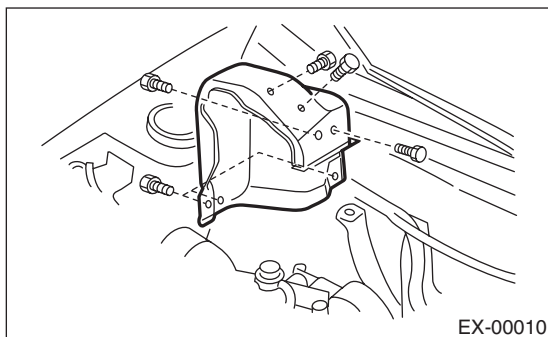
- 6) Lift-up the vehicle.
- 7) Remove the under cover.
- 8) Remove the bolts which install the lower side of turbocharger lower cover.

#### CAUTION:

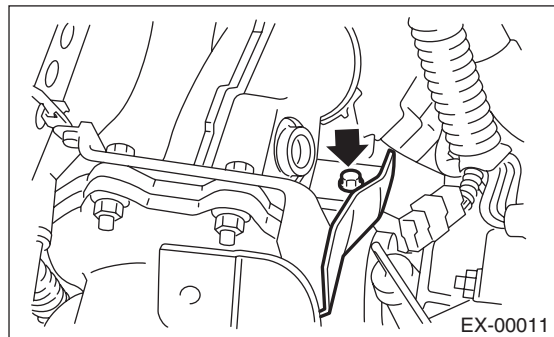
Be careful, the turbocharger and exhaust pipe are hot.



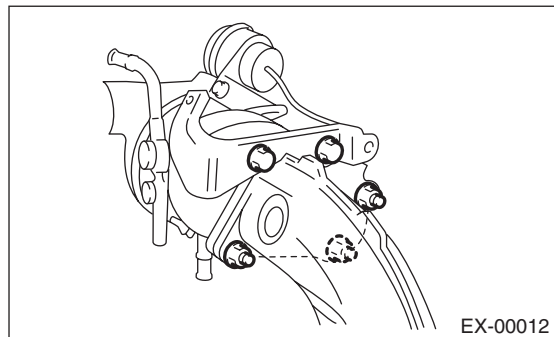
- 9) Lower the vehicle.
- 10) Remove the turbocharger upper cover.



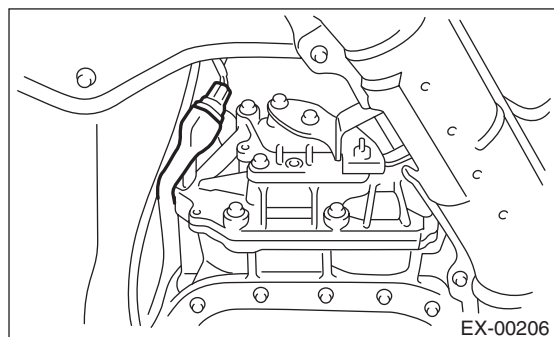
- 11) Remove the bolts which hold the turbocharger lower cover and center exhaust pipe.



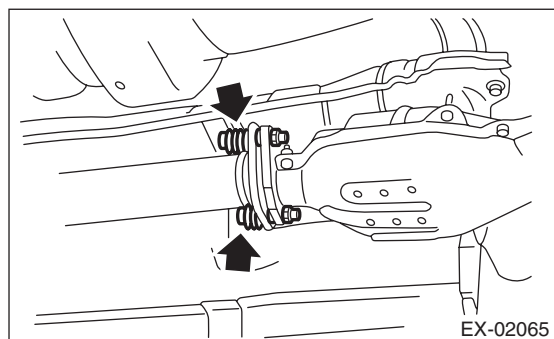
- 12) Separate the center exhaust pipe from turbocharger.



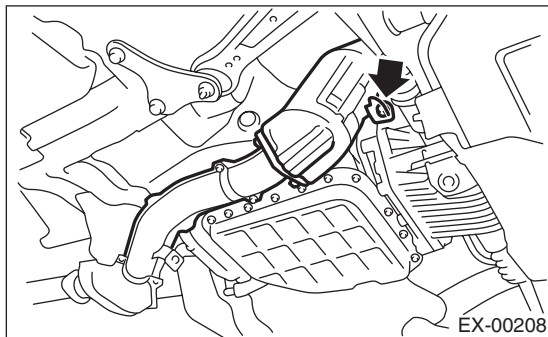
- 13) Lift-up the vehicle.
- 14) Disconnect the connector from the rear oxygen sensor.



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



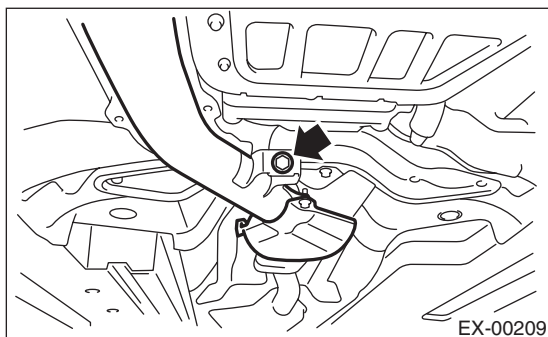
- 16) Remove the bolt which holds center exhaust pipe bracket to transmission.



- 17) Remove the intercooler bracket.  
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

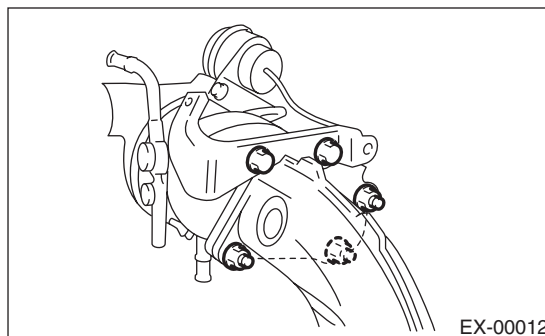
**NOTE:**

Replace with a new gasket.

- 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.

**Tightening torque:**

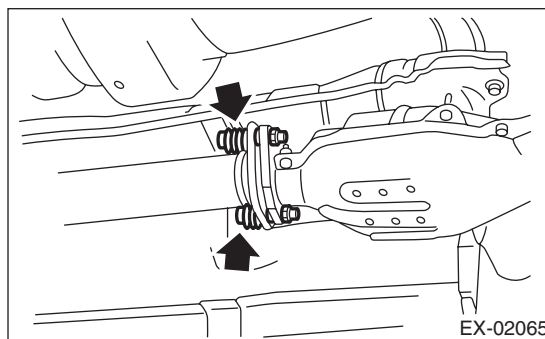
**35 N·m (3.6 kgf-m, 26.0 ft-lb)**



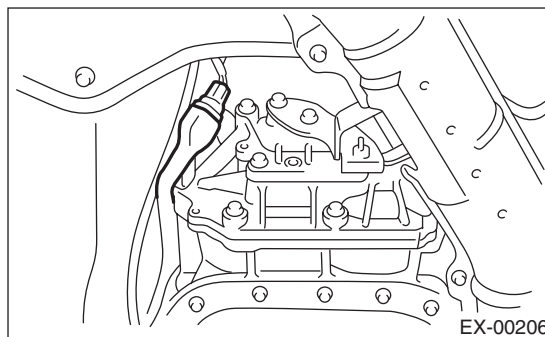
- 4) Install the center exhaust pipe to rear exhaust pipe.

**Tightening torque:**

**18 N·m (1.8 kgf-m, 13.0 ft-lb)**



- 5) Connect the connector to rear oxygen sensor.



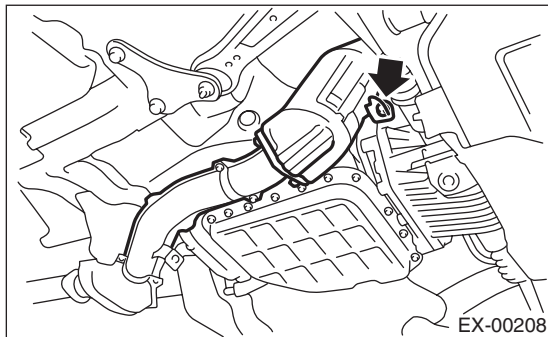
## Center Exhaust Pipe

### EXHAUST

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

**Tightening torque:**

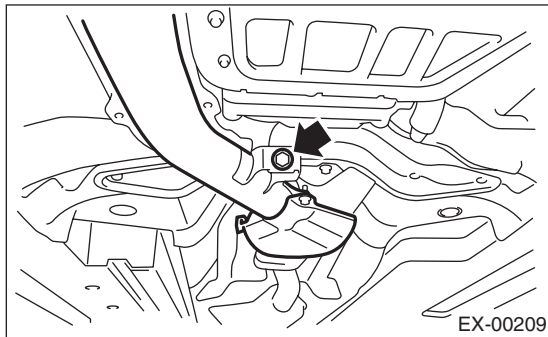
**30 N·m (3.1 kgf-m, 22.4 ft-lb)**



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)**



8) Tighten the bolts which hold the intercooler bracket.

**Tightening torque:**

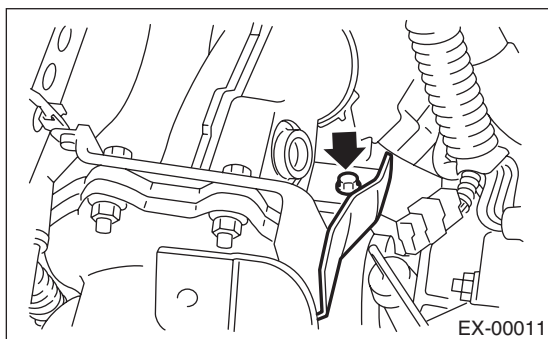
**35 N·m (3.6 kgf-m, 26.0 ft-lb)**

9) Lower the vehicle.

10) Position the turbocharger lower cover, and tighten the bolts which hold the lower cover and center exhaust pipe.

**Tightening torque:**

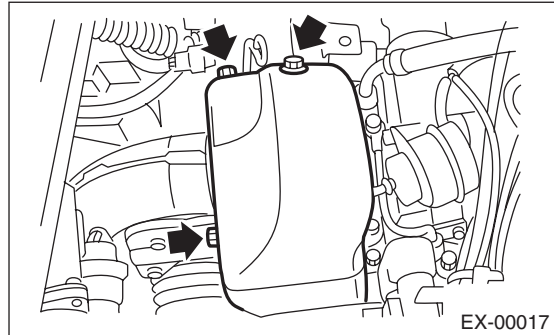
**7.5 N·m (0.8 kgf-m, 5.5 ft-lb)**



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

**Tightening torque:**

**7.5 N·m (0.8 kgf-m, 5.5 ft-lb)**

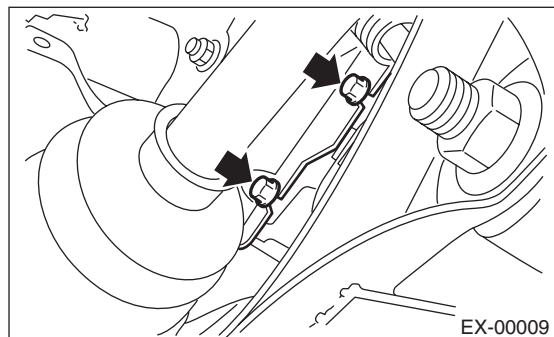


12) Lift-up the vehicle.

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

**Tightening torque:**

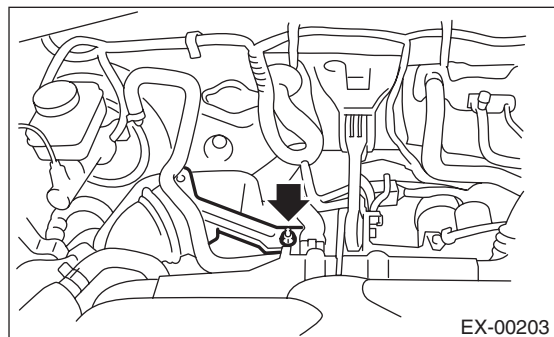
**7.5 N·m (0.8 kgf-m, 5.5 ft-lb)**



14) Install the under cover.

15) Lower the vehicle.

16) Install the intercooler bracket.



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) Make sure there are no holes or rusting.