

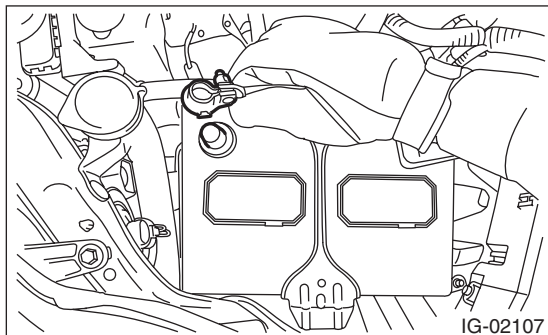
Center Exhaust Pipe

EXHAUST

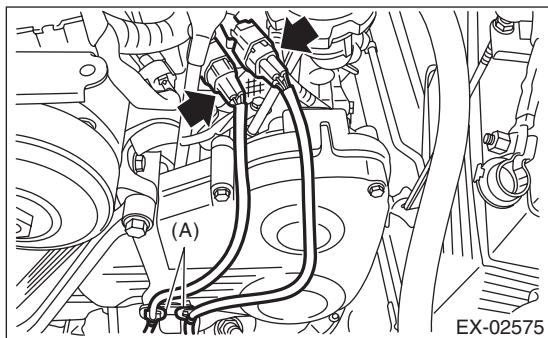
3. Center Exhaust Pipe

A: REMOVAL

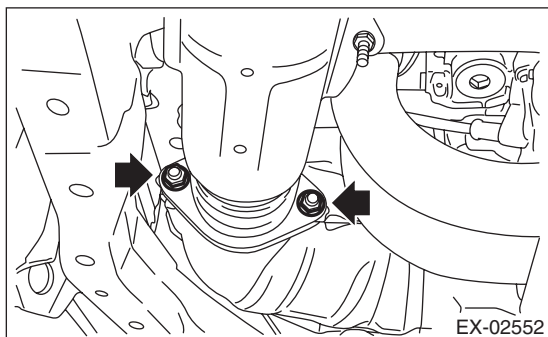
- 1) Remove the collector cover.
- 2) Disconnect the ground cable from battery.



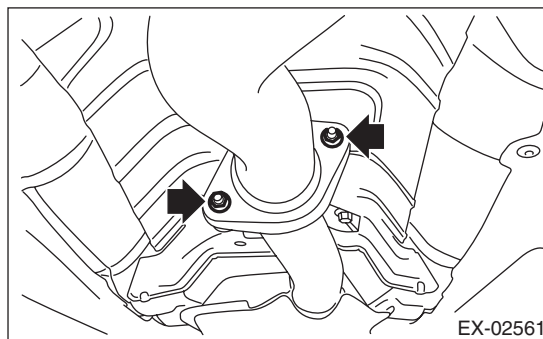
- 3) Disconnect connectors from the front oxygen (A/F) sensor and rear oxygen sensor, and remove the clip (A) fastening the front oxygen (A/F) sensor harness and rear oxygen sensor harness.



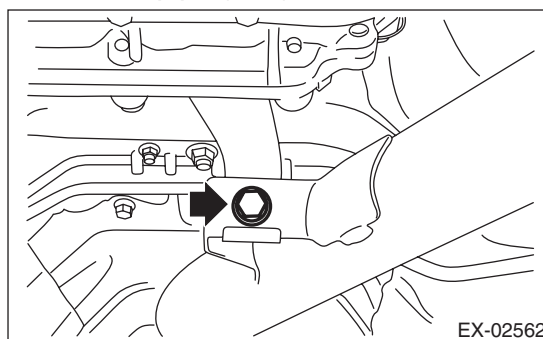
- 4) Lift up the vehicle.
- 5) Remove the under cover. <Ref. to EI-35, REMOVAL, Front Under Cover.>
- 6) Remove the center exhaust pipe (front) from the center exhaust pipe (rear).



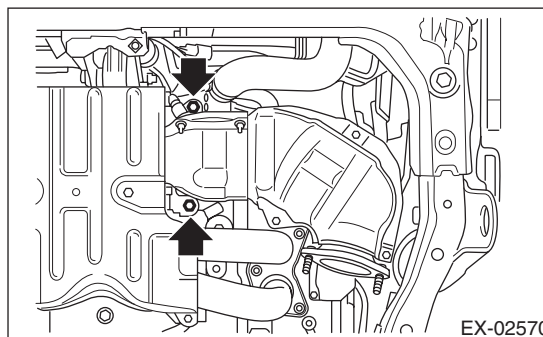
- 7) Remove the rear exhaust pipe from the center exhaust pipe (rear).



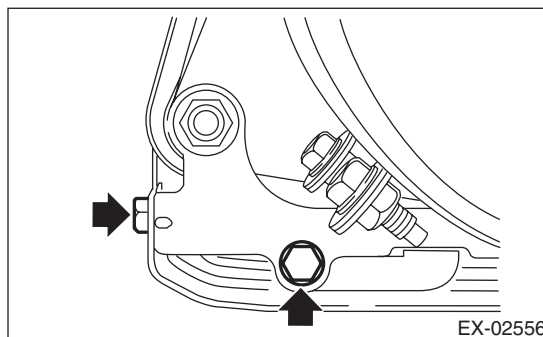
- 8) Remove the bolt which holds center exhaust pipe (rear) to the hanger bracket, and remove the center exhaust pipe (rear).



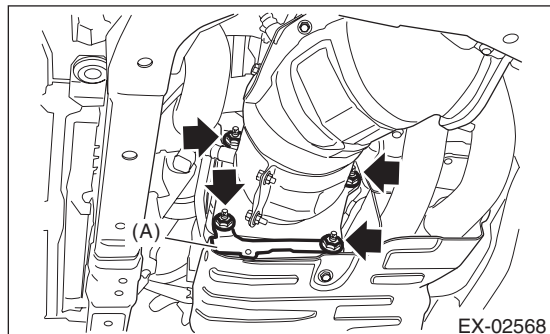
- 9) Remove the bolts which secure the turbocharger stay.



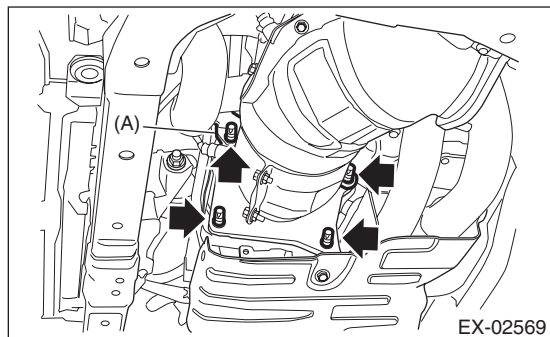
- 10) Remove the bolts which hold the oil catch tank stay and engine cover to the turbocharger lower stay.



- 11) Remove nuts which hold center exhaust pipe (front) to the turbocharger, and remove the turbocharger lower stay (A).



- 12) Using the TORX® socket E10, remove bolts from the turbocharger, and remove the center exhaust pipe (front) together with turbocharger upper stay (A).

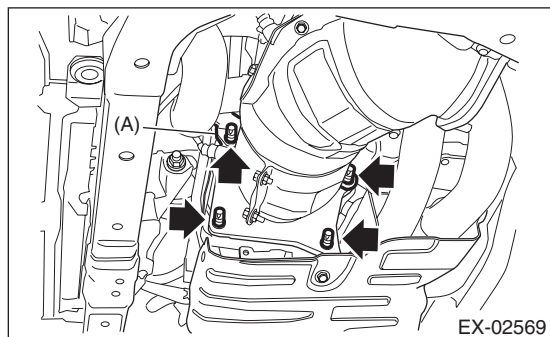


B: INSTALLATION

- 1) Set the center exhaust pipe (front) together with turbocharger upper stay (A), and install stud bolts to the turbocharger by using the TORX® socket E10.

NOTE:
Use a new gasket.

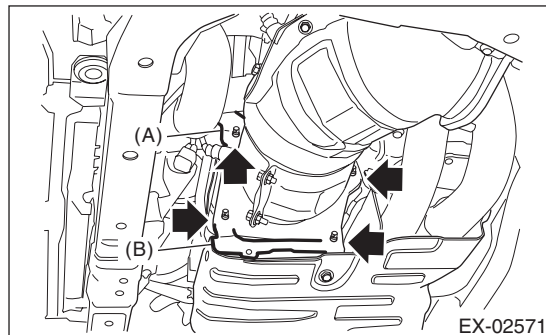
Tightening torque:
14.7 N·m (1.5 kgf-m, 10.8 ft-lb)



- 2) Install the center exhaust pipe (front) to the turbocharger together with turbocharger upper stay (A) and turbocharger lower stay (B).

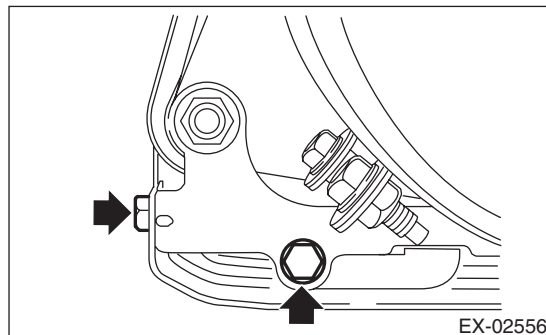
NOTE:
Use a new self-locking nut.

Tightening torque:
42.5 N·m (4.3 kgf-m, 31.3 ft-lb)



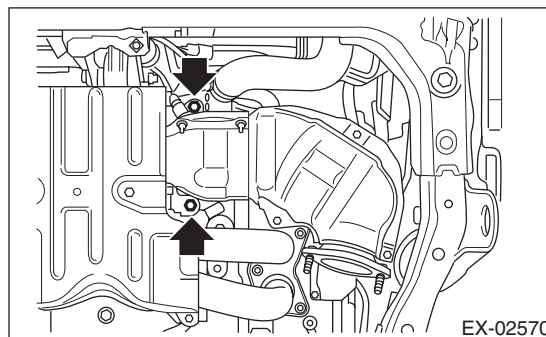
- 3) Install bolts which hold the oil catch tank stay and engine cover to the turbocharger lower stay.

Tightening torque:
6.4 N·m (0.7 kgf-m, 4.7 ft-lb)



- 4) Attach the bolt which holds the turbocharger stay.

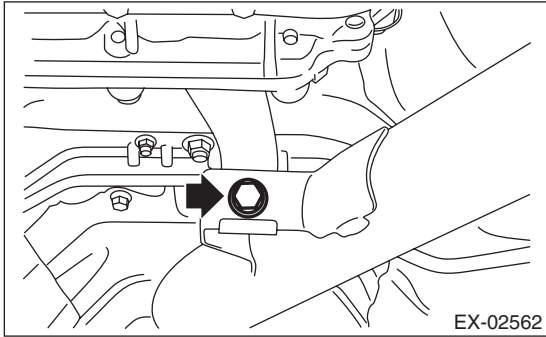
Tightening torque:
33 N·m (3.4 kgf-m, 24.3 ft-lb)



Center Exhaust Pipe

EXHAUST

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



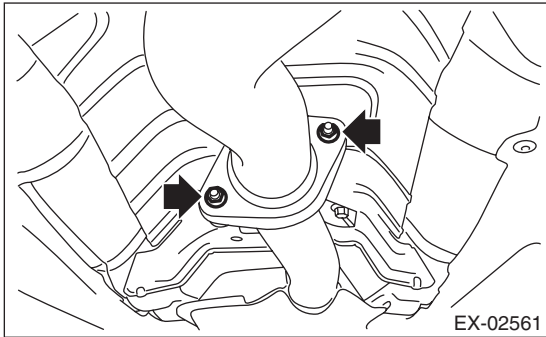
- 6) Install the rear exhaust pipe to the center exhaust pipe (rear).

NOTE:

Use a new gasket.

Tightening torque:

18 N·m (1.8 kgf-m, 13.3 ft-lb)



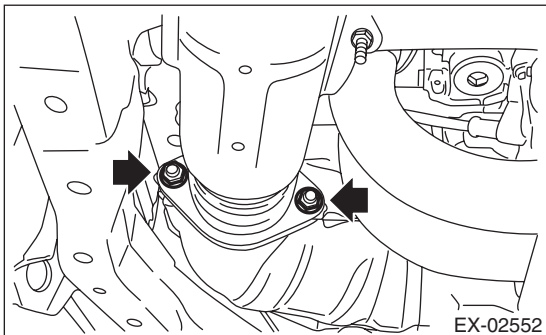
- 7) Install the center exhaust pipe (front) to the center exhaust pipe (rear).

NOTE:

Use a new gasket.

Tightening torque:

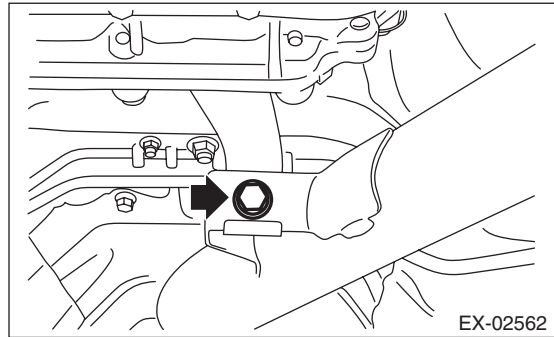
42.5 N·m (4.3 kgf-m, 31.3 ft-lb)



- 8) Tighten the bolts which hold center exhaust pipe (rear) to the hanger bracket.

Tightening torque:

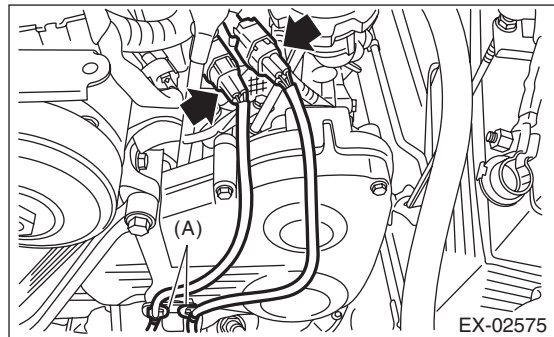
35 N·m (3.6 kgf-m, 25.8 ft-lb)



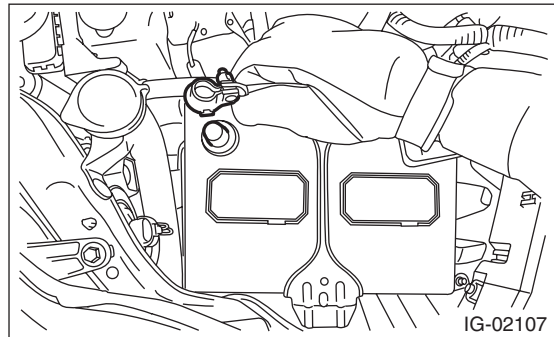
- 9) Install the under cover. <Ref. to EI-35, INSTALLATION, Front Under Cover.>

- 10) Lower the vehicle.

- 11) Connect connectors to the front oxygen (A/F) sensor and rear oxygen sensor, and secure the front oxygen (A/F) sensor harness and rear oxygen sensor harness with the clip (A).



- 12) Connect the ground cable to battery.



- 13) Install the collector cover.

C: INSPECTION

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