

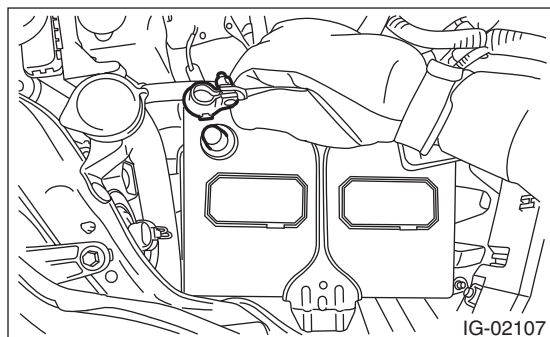
Center Exhaust Pipe

EXHAUST

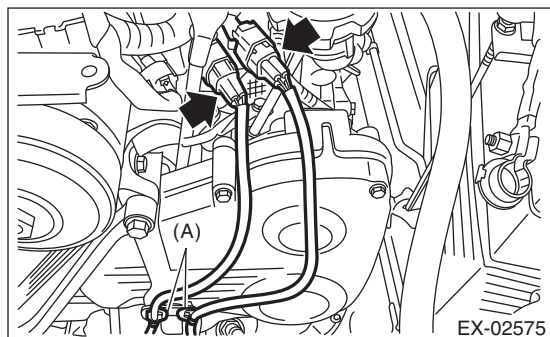
3. Center Exhaust Pipe

A: REMOVAL

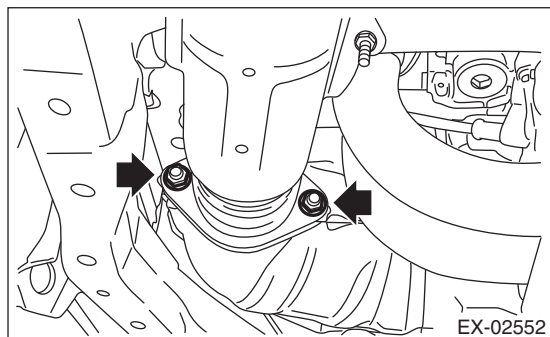
- 1) Remove the collector cover.
- 2) Disconnect the ground cable from battery.



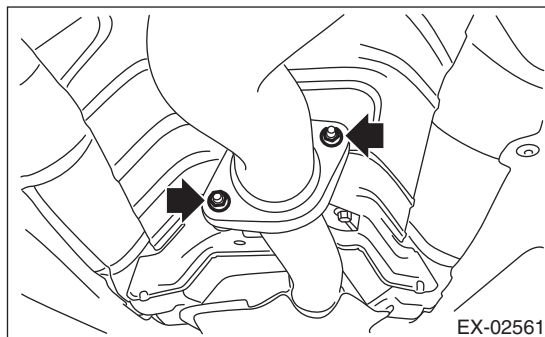
- 3) Disconnect connectors from the front oxygen (A/F) sensor and rear oxygen sensor, and remove the clip (A) fastening the front oxygen (A/F) sensor harness and rear oxygen sensor harness.



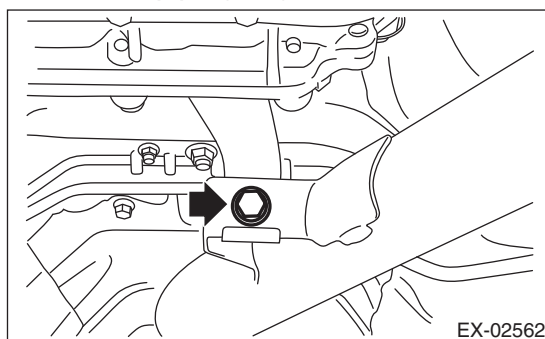
- 4) Lift up the vehicle.
- 5) Remove the under cover. <Ref. to EI-35, REMOVAL, Front Under Cover.>
- 6) Remove the center exhaust pipe (front) from the center exhaust pipe (rear).



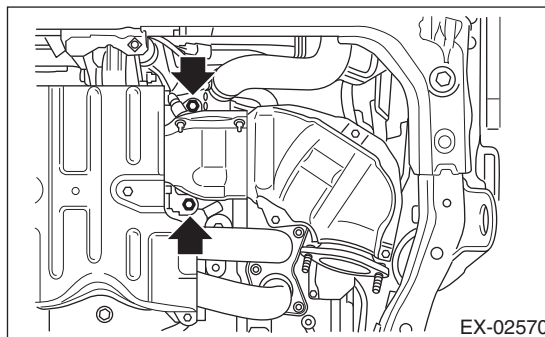
- 7) Remove the rear exhaust pipe from the center exhaust pipe (rear).



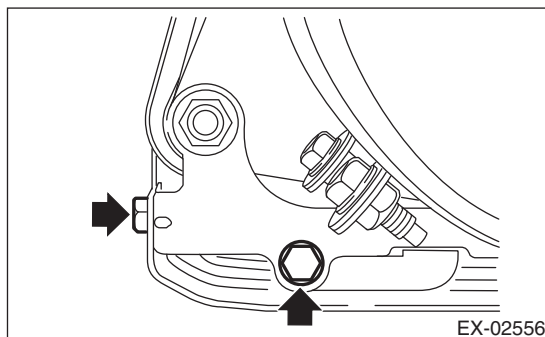
- 8) Remove the bolt which holds center exhaust pipe (rear) to the hanger bracket, and remove the center exhaust pipe (rear).



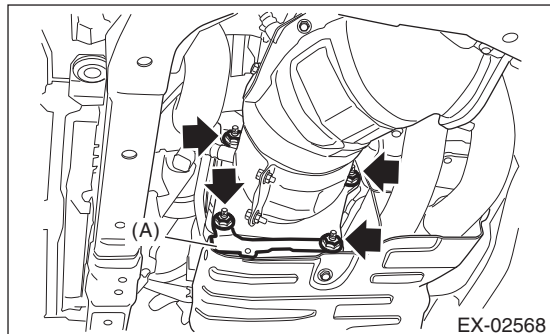
- 9) Remove the bolts which secure the turbocharger stay.



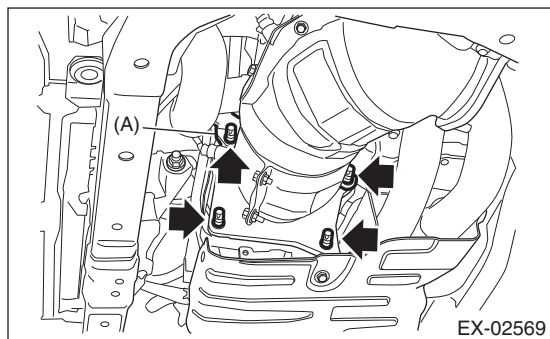
- 10) Remove the bolts which hold the oil catch tank stay and engine cover to the turbocharger lower stay.



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

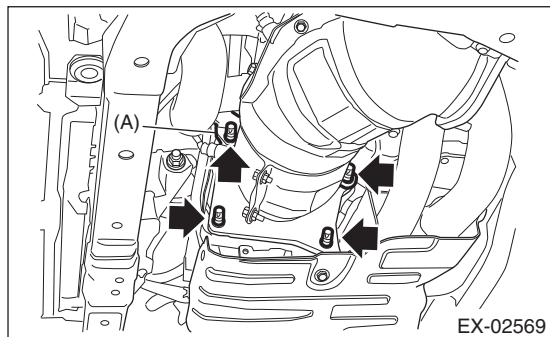
1) Set the center exhaust pipe (front) together with turbocharger upper stay (A), and install stud bolts to the turbocharger by using the TORX® socket E10.

NOTE:

Use a new gasket.

Tightening torque:

14.7 N·m (1.5 kgf-m, 10.8 ft-lb)



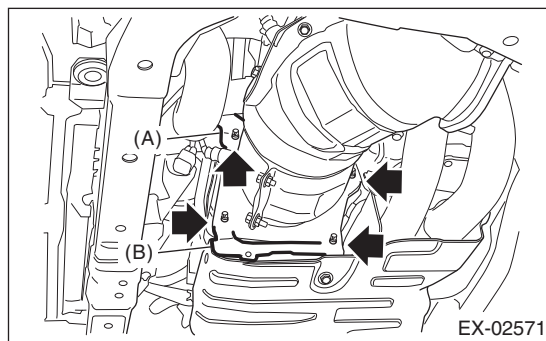
2) Install the center exhaust pipe (front) to the turbocharger together with turbocharger upper stay (A) and turbocharger lower stay (B).

NOTE:

Use a new self-locking nut.

Tightening torque:

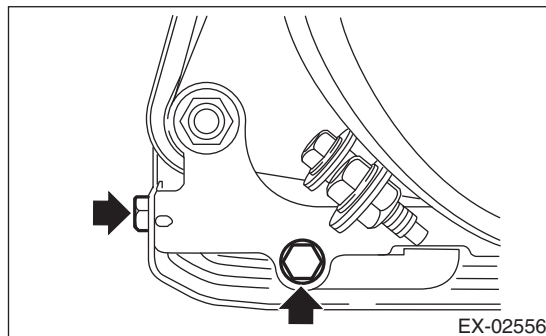
42.5 N·m (4.3 kgf-m, 31.3 ft-lb)



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

Tightening torque:

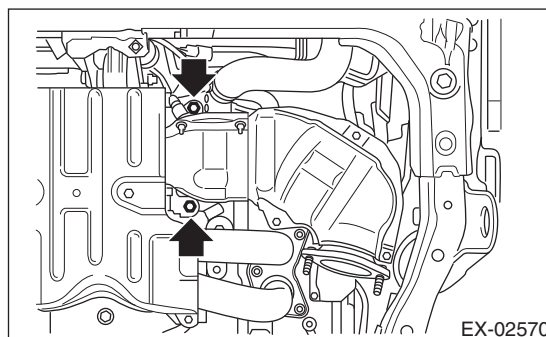
6.4 N·m (0.7 kgf-m, 4.7 ft-lb)



4) Attach the bolt which holds the turbocharger stay.

Tightening torque:

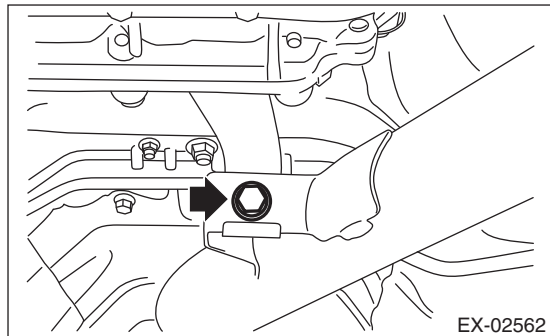
33 N·m (3.4 kgf-m, 24.3 ft-lb)



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.



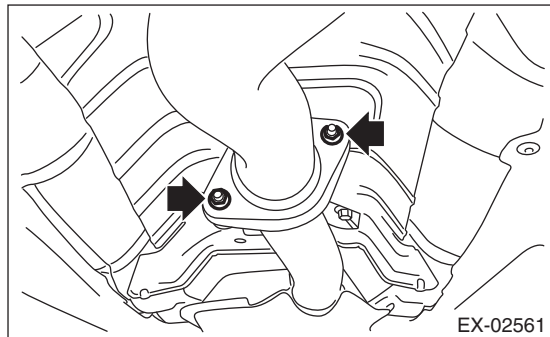
6) Install the rear exhaust pipe to the center exhaust pipe (rear).

NOTE:

Use a new gasket.

Tightening torque:

18 N·m (1.8 kgf-m, 13.3 ft-lb)



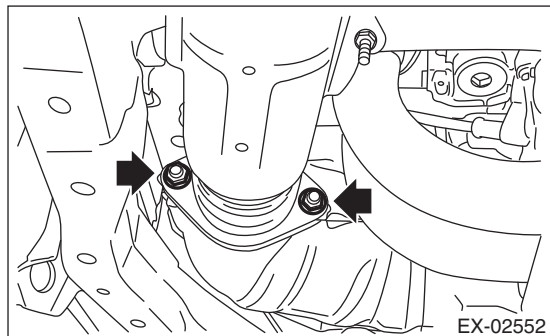
7) Install the center exhaust pipe (front) to the center exhaust pipe (rear).

NOTE:

Use a new gasket.

Tightening torque:

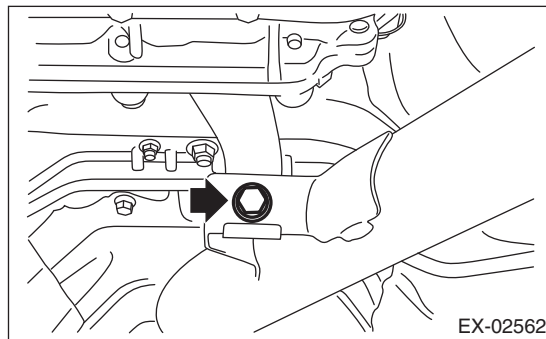
42.5 N·m (4.3 kgf-m, 31.3 ft-lb)



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

Tightening torque:

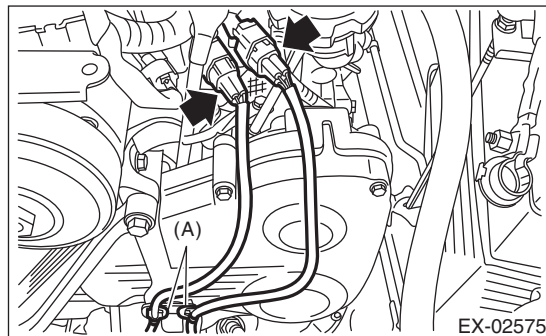
35 N·m (3.6 kgf-m, 25.8 ft-lb)



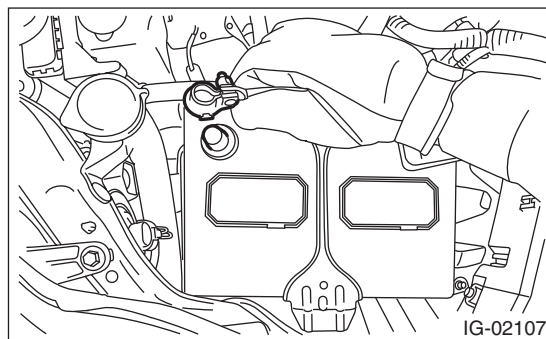
9) Install the under cover. <Ref. to EI-35, INSTALLATION, Front Under Cover.>

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.