

Front Exhaust Pipe

EXHAUST

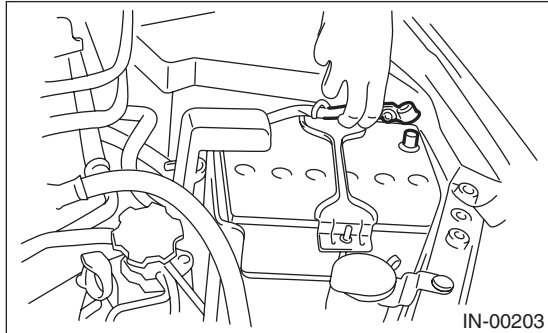
2. Front Exhaust Pipe

A: REMOVAL

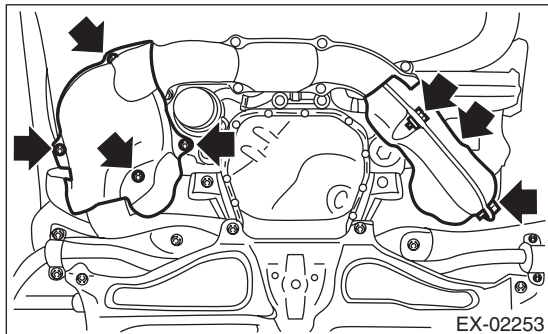
CAUTION:

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

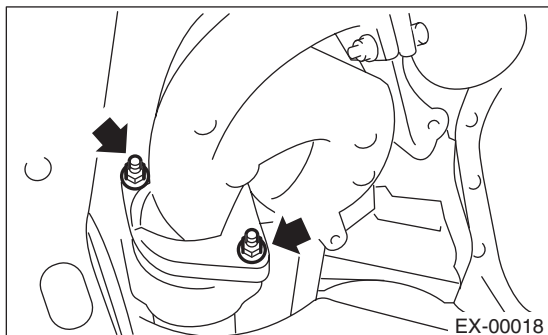
- 1) Disconnect the ground cable from battery.



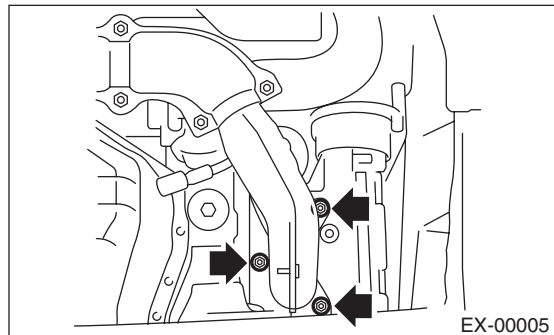
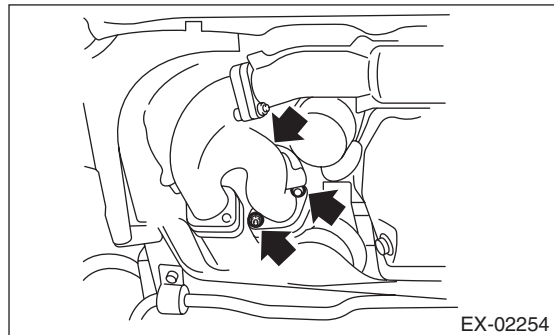
- 2) Lift up the vehicle.
- 3) Remove the under cover. <Ref. to EI-28, REMOVAL, Front Under Cover.>
- 4) Remove the front oxygen (A/F) sensor. <Ref. to FU(STI)-54, REMOVAL, Front Oxygen (A/F) Sensor.> <Ref. to FU(w/o STI)-53, REMOVAL, Front Oxygen (A/F) Sensor.>
- 5) Remove the exhaust manifold RH lower cover and exhaust manifold LH cover.



- 6) Remove the bolts and nuts which hold joint pipe onto exhaust manifold RH.



- 7) While holding the front exhaust pipe with one hand, remove the nuts which hold the exhaust manifold to the cylinder head exhaust port and remove the front exhaust pipe.



B: INSTALLATION

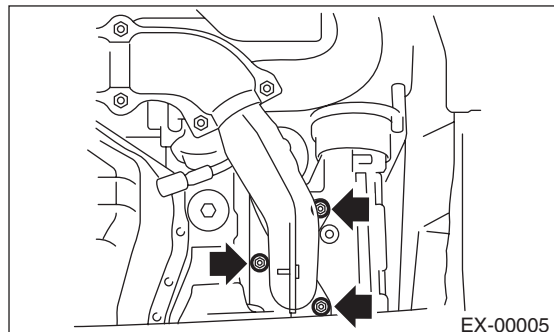
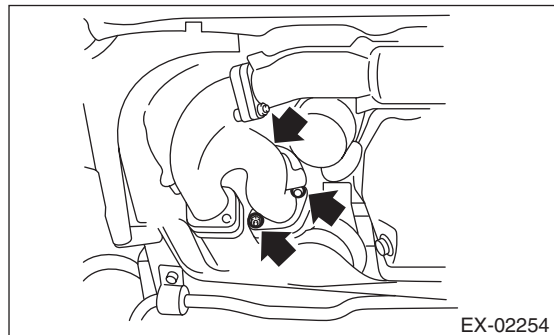
- 1) Install the front exhaust pipe.

NOTE:

Use a new gasket.

Tightening torque:

40 N·m (4.1 kgf-m, 29.5 ft-lb)



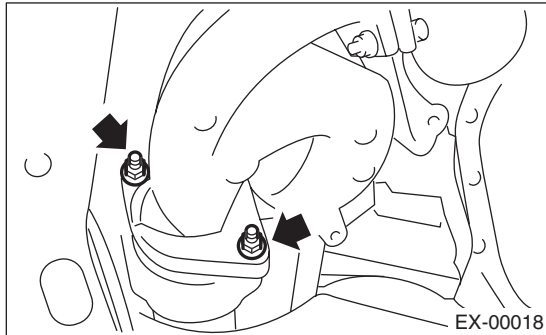
2) Install the joint pipe to the exhaust manifold RH.

NOTE:

Use a new gasket.

Tightening torque:

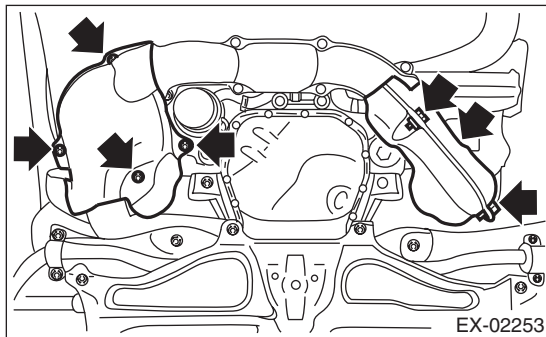
42.5 N·m (4.3 kgf-m, 31.3 ft-lb)



3) Install the exhaust manifold RH lower cover and exhaust manifold LH cover.

Tightening torque:

19 N·m (1.9 kgf-m, 14.0 ft-lb)

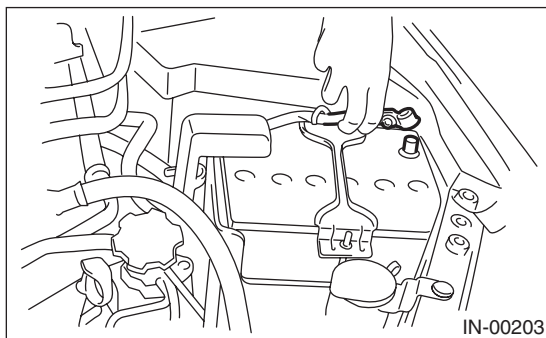


4) Install the front oxygen (A/F) sensor. <Ref. to FU(STI)-54, INSTALLATION, Front Oxygen (A/F) Sensor.> <Ref. to FU(w/o STI)-53, INSTALLATION, Front Oxygen (A/F) Sensor.>

5) Install the under cover. <Ref. to EI-28, INSTALLATION, Front Under Cover.>

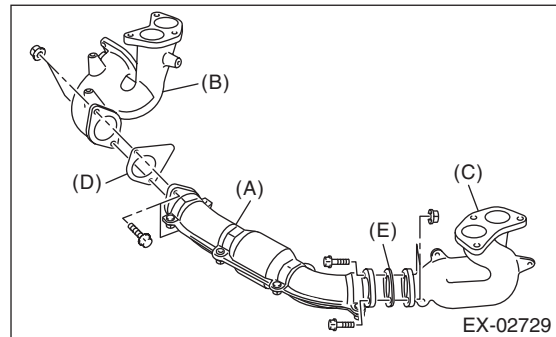
6) Lower the vehicle.

7) Connect the battery ground terminal.



C: DISASSEMBLY

1) Remove the exhaust manifold RH upper cover.
2) Remove the exhaust manifold RH and the exhaust manifold LH from the front exhaust pipe.



- (A) Front exhaust pipe
- (B) Exhaust manifold RH
- (C) Exhaust manifold LH
- (D) Gasket
- (E) Gasket

D: ASSEMBLY

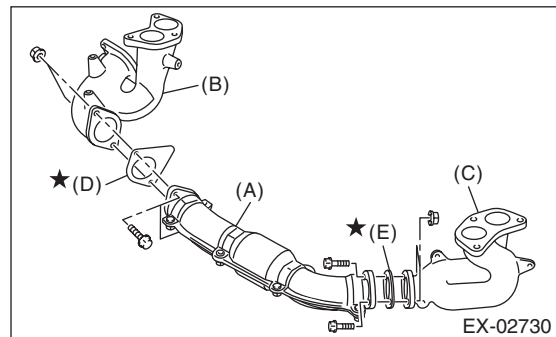
1) Install the exhaust manifold RH and the exhaust manifold LH to the front exhaust pipe.

NOTE:

Use a new gasket.

Tightening torque:

42.5 N·m (4.3 kgf-m, 31.3 ft-lb)



- (A) Front exhaust pipe
- (B) Exhaust manifold RH
- (C) Exhaust manifold LH
- (D) Gasket
- (E) Gasket

2) Install the exhaust manifold RH upper cover.

Tightening torque:

19 N·m (1.9 kgf-m, 14.0 ft-lb)

E: INSPECTION

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