

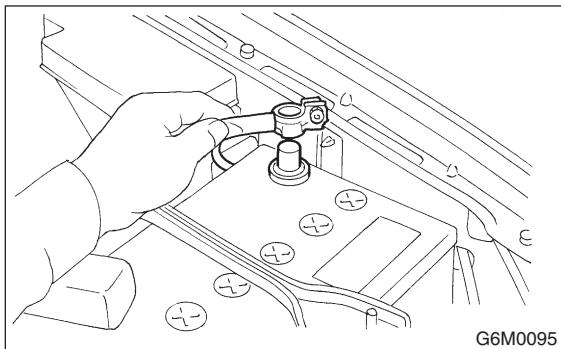
FRONT CATALYTIC CONVERTER

Emission Control (Aux. Emission Control Devices)

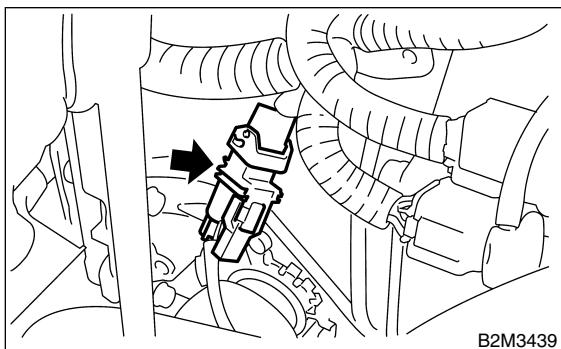
2. Front Catalytic Converter S110017A17

A: REMOVAL S110017A18

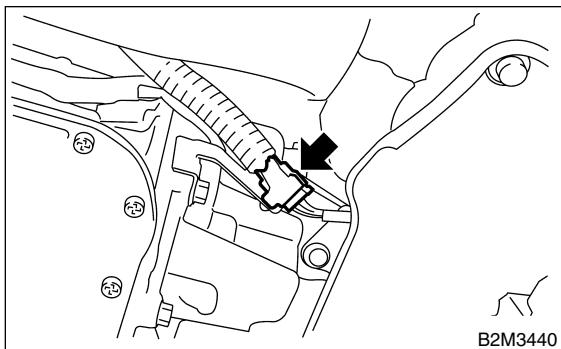
- 1) Disconnect battery ground cable.



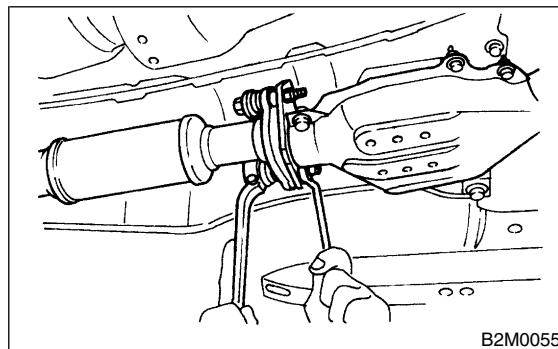
- 2) Disconnect front oxygen (A/F) sensor connector.



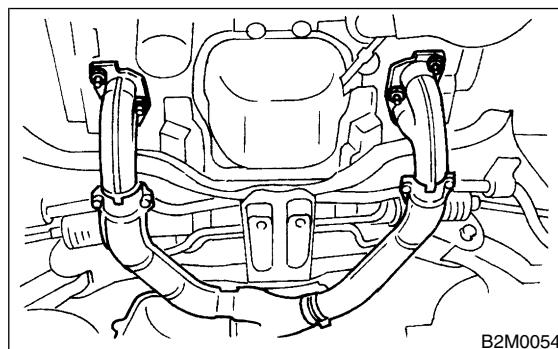
- 3) Lift-up the vehicle.
- 4) Remove under cover.
- 5) Disconnect rear oxygen sensor connector.



- 6) Separate front and rear catalytic converter assembly from rear exhaust pipe.



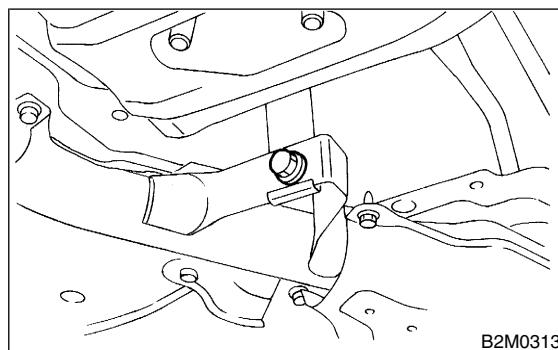
- 7) Remove front exhaust pipe from cylinder heads.



- 8) Remove front and rear catalytic converter assembly from hanger bracket.

CAUTION:

- Be careful not to pull down center exhaust pipe.
- After removing center exhaust pipe, do not apply excessive pulling force on rear exhaust pipe.



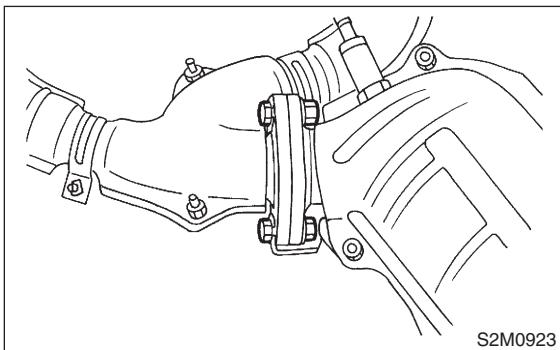
FRONT CATALYTIC CONVERTER

Emission Control (Aux. Emission Control Devices)

- 9) Separate front and rear catalytic converter assembly from front exhaust pipe.

NOTE:

The rear catalytic converter is integrated with front catalytic converter. Therefore, the procedure for removing rear catalytic converter is the same as the description above.

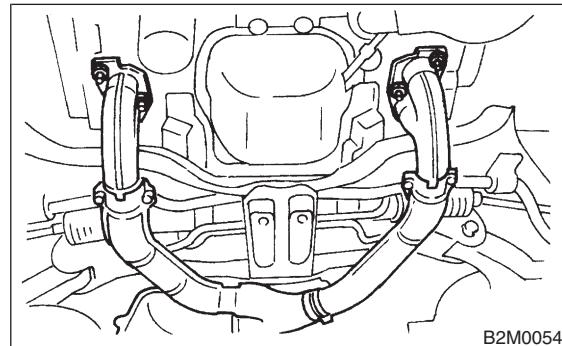


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- 3) Install front exhaust pipe to cylinder heads.

Tightening torque:

30 N·m (3.1 kgf·m, 22.4 ft·lb)

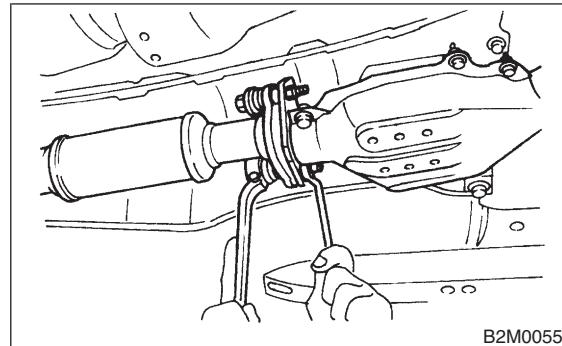


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- 4) Install front and rear catalytic converter assembly to rear exhaust pipe.

Tightening torque:

18 N·m (1.8 kgf·m, 13.0 ft·lb)

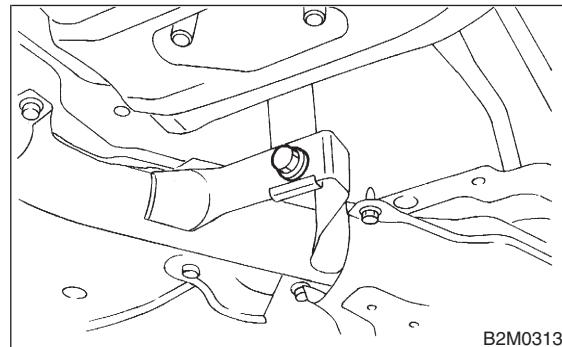


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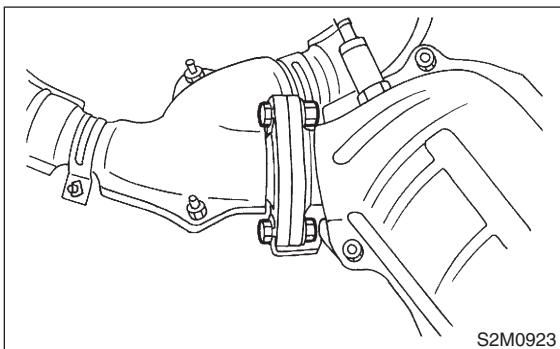
- 5) Tighten bolt which holds front and rear catalytic converter assembly to hanger bracket.

Tightening torque:

35 N·m (3.6 kgf·m, 26.0 ft·lb)



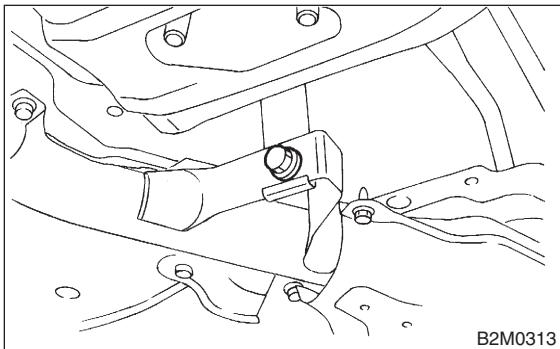
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- 2) Install front and rear catalytic converter assembly.

Temporarily tighten bolt which installs center exhaust pipe to hanger bracket.

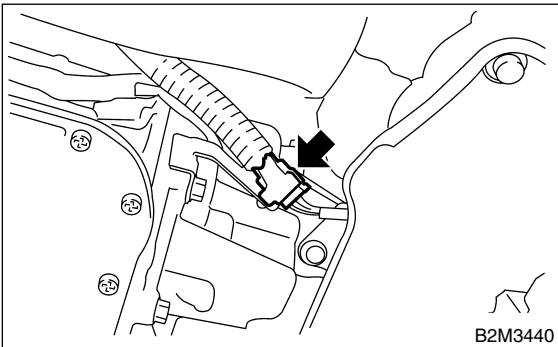


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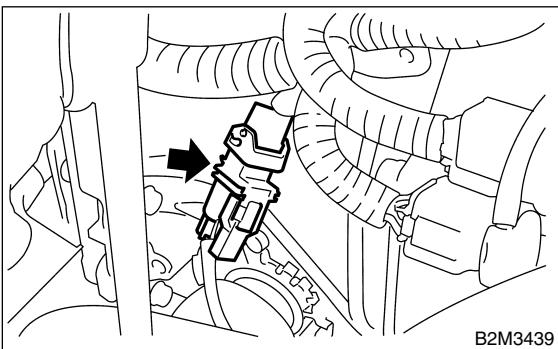
FRONT CATALYTIC CONVERTER

Emission Control (Aux. Emission Control Devices)

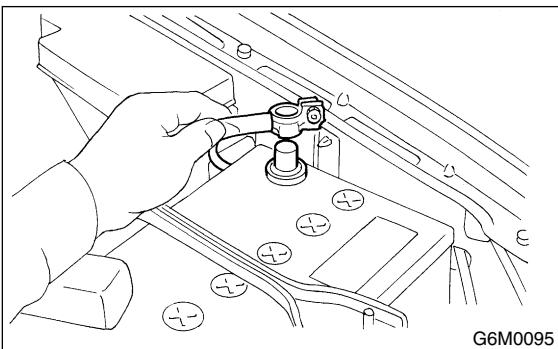
- 6) Connect rear oxygen sensor connector.



- 7) Install under cover.
- 8) Lower the vehicle.
- 9) Connect connector to front oxygen (A/F) sensor.



- 10) Connect battery ground cable.



C: INSPECTION

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