

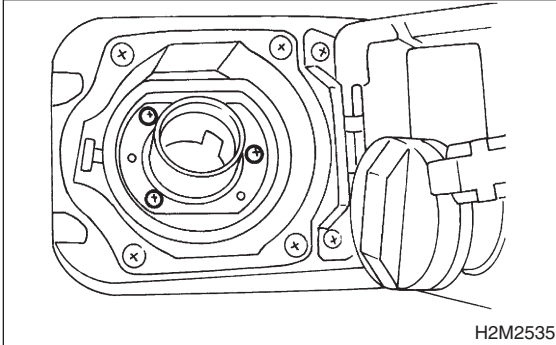
# FUEL TANK

Fuel Injection (Fuel Systems)

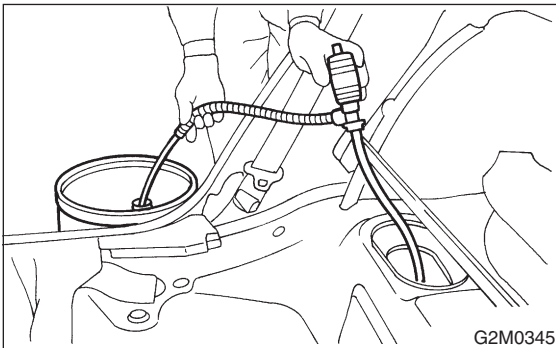
## 20. Fuel Tank S105053

### A: REMOVAL S105053A18

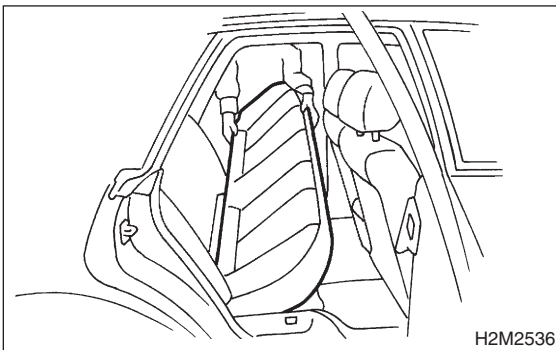
- 1) Set the vehicle on the lift.
- 2) Release fuel pressure. <Ref. to FU-64 RELEASING OF FUEL PRESSURE, Fuel.>
- 3) Open fuel flap lid, and remove fuel filler cap.



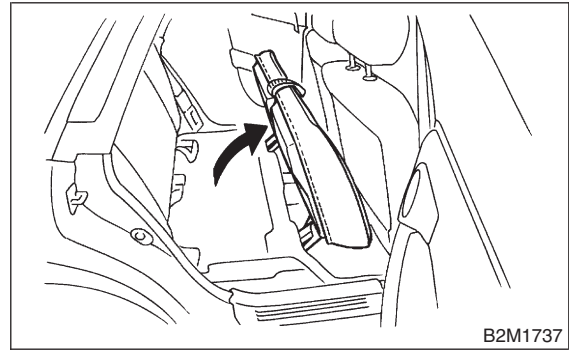
- 4) Drain fuel from fuel tank. <Ref. to FU-64 DRAINING FUEL, Fuel.>



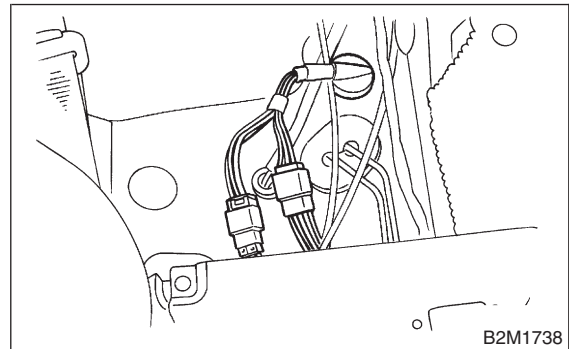
- 5) Remove rear seat cushion. (Sedan model)



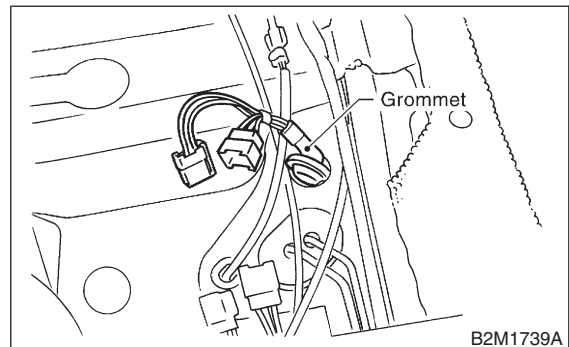
- 6) Move rear seat cushion forward. (Wagon model)



- 7) Disconnect connector of fuel tank cord from rear harness.



- 8) Push grommet which holds fuel tank cord on floor panel into the body side.

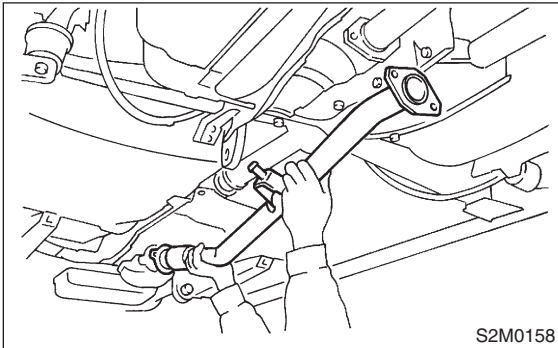


- 9) Lift-up the vehicle.

10) Remove rear exhaust pipe. <Ref. to EX-10 REMOVAL, Rear Exhaust Pipe.>

**NOTE:**

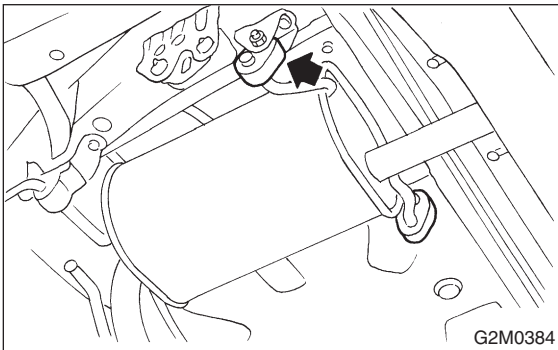
To facilitate the removal of parts, apply a coat of SUBARU CRC5-56 (Part No. 004301003).



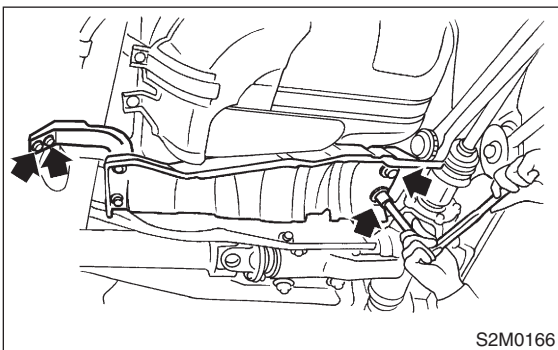
11) Remove muffler assembly.  
<Ref. to EX-12 REMOVAL, Muffler.>

**NOTE:**

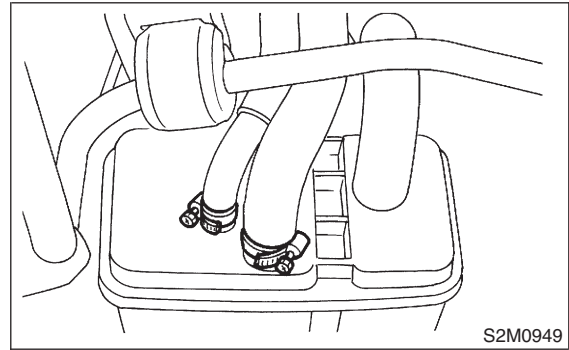
To facilitate the removal of parts, apply a coat of SUBARU CRC5-56 (Part No. 004301003).



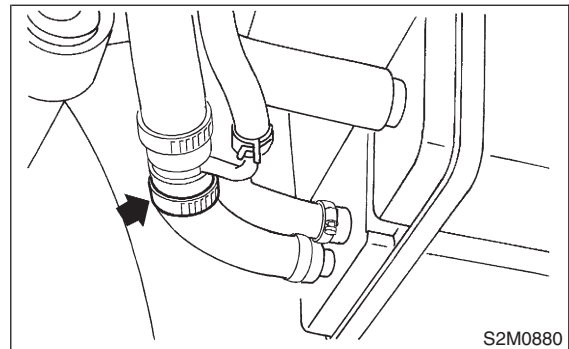
12) Remove heat sealed cover.



13) Move clamp, and disconnect evaporation hose from canister.

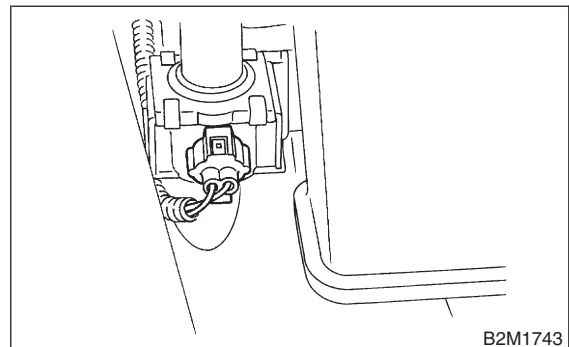


14) Disconnect hose from joint pipe.

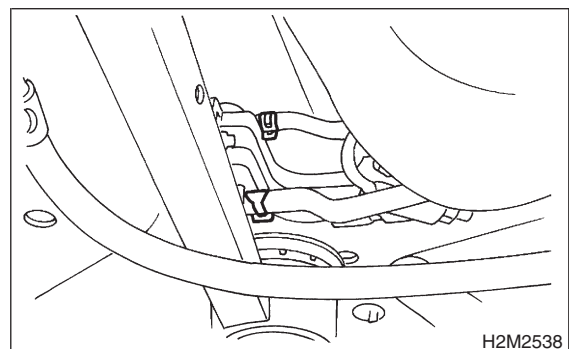


15) Disconnect connector from pressure control solenoid valve.

16) Disconnect connector from drain valve.



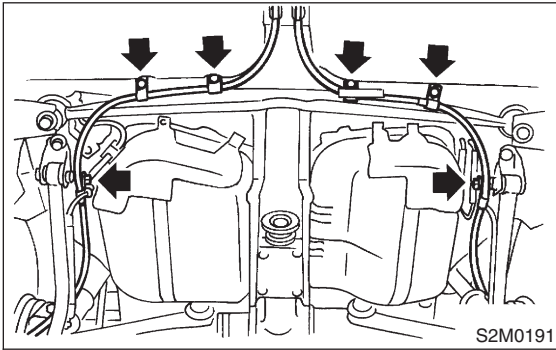
17) Disconnect hoses from roll over valve.



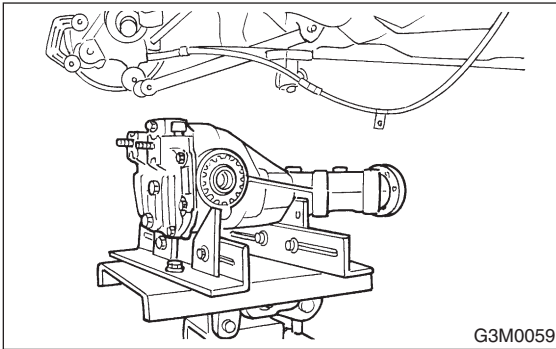
## FUEL TANK

### Fuel Injection (Fuel Systems)

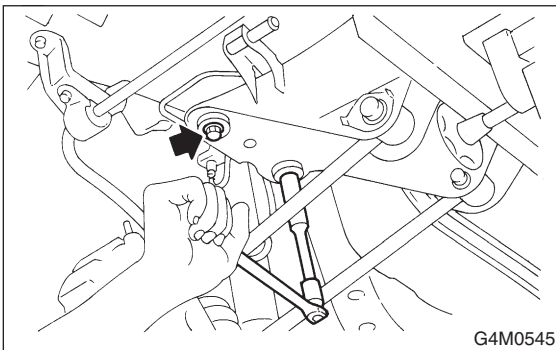
18) Remove bolts which hold parking brake cable holding bracket.



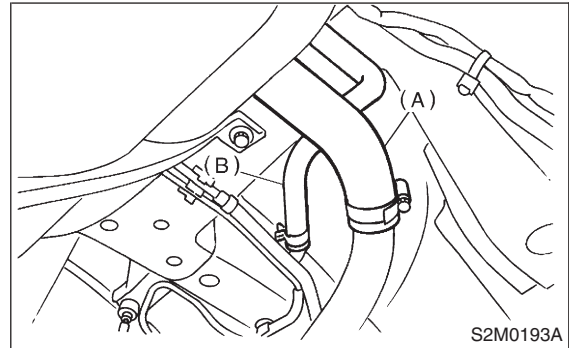
19) Remove rear differential assembly.  
<Ref. to DI-23 REMOVAL, Rear Differential for T-type.> or <Ref. to DI-38 REMOVAL, Rear Differential for VA-type.>



20) Remove rear crossmember.  
<Ref. to RS-23 REMOVAL, Rear Crossmember.>

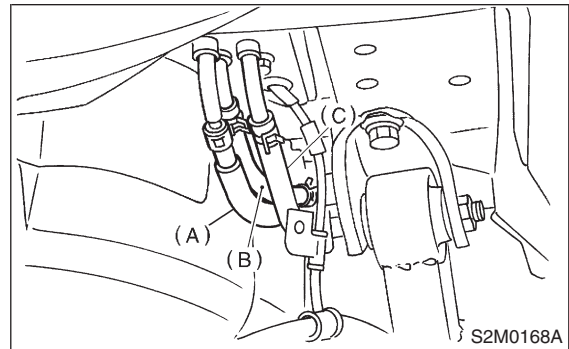


21) Loosen clamp, and disconnect fuel filler hose (A) and air vent hose (B) from fuel filler pipe and air vent pipe.



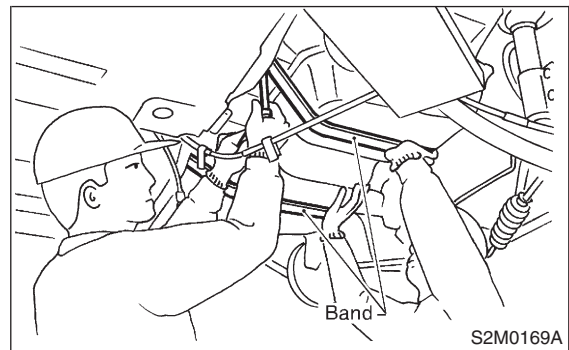
22) Move clips, and disconnect fuel return hose (B) and evaporation hose (C).

23) Disconnect quick connector, and then disconnect fuel delivery hose (A).



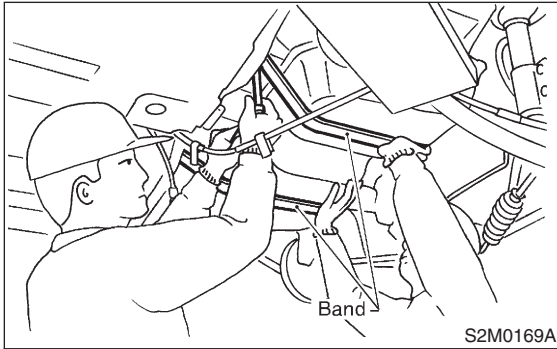
24) While holding fuel tank, remove bolts from bands and dismount fuel tank.

**WARNING:**  
A helper is required to perform this work.



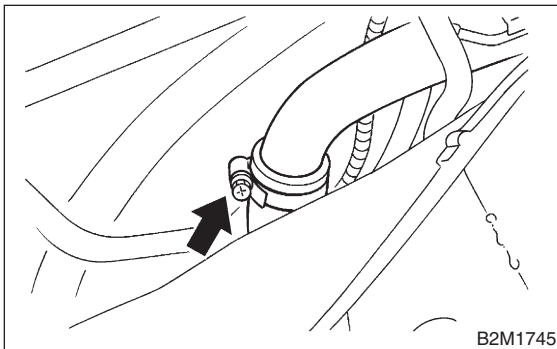
## B: INSTALLATION S105053A11

1) While a helper holds fuel tank, push fuel tank harness into access hole with grommet.



2) Set fuel tank, and temporary tighten bolts in order to install fuel tank bands.

3) Connect fuel filler hose, and tighten clamp.

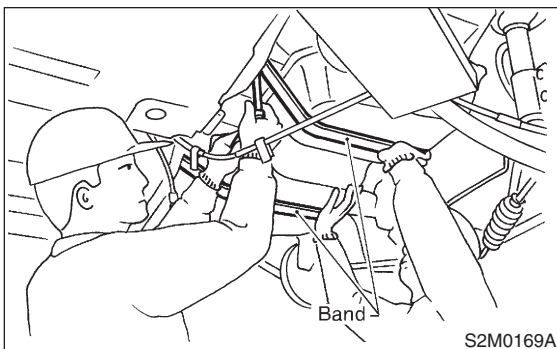


4) Connect fuel hoses, and hold then with clips and quick connector. <Ref. to FU-86 INSTALLATION, Fuel Delivery, Return and Evaporation Lines.>

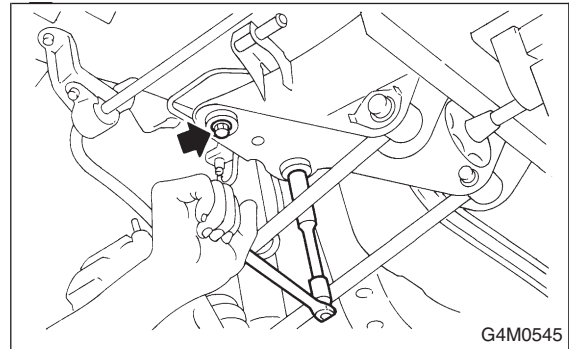
5) Tighten band mounting bolts.

**Tightening torque:**

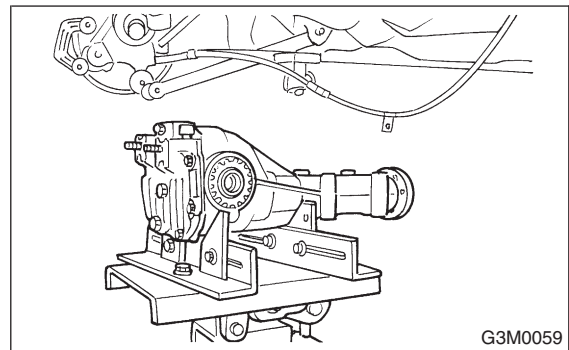
**33 N·m (3.4 kgf-m, 25 ft-lb)**



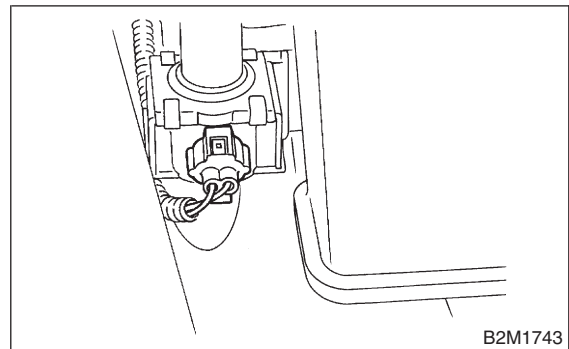
6) Install rear crossmember. <Ref. to RS-23 INSTALLATION, Rear Crossmember.>



7) Install rear differential assembly. <Ref. to DI-25 INSTALLATION, Rear Differential for T-type.> and <Ref. to DI-40 INSTALLATION, Rear Differential for VA-type.>

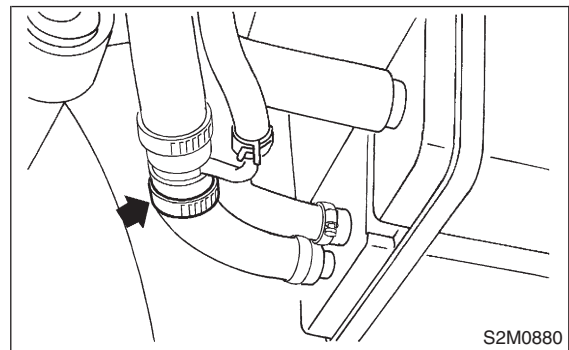


8) Connect connector to drain valve.



9) Connect connector to pressure control solenoid valve.

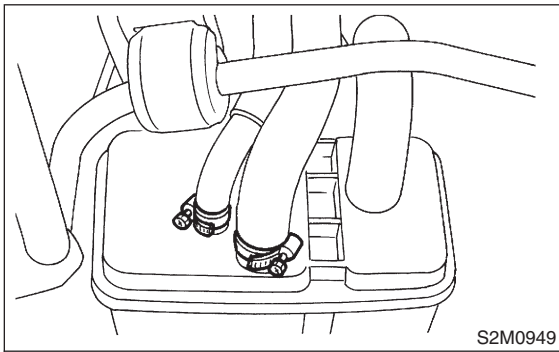
10) Connect hose to joint pipe.



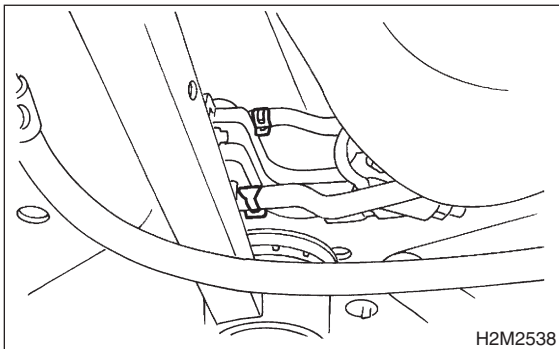
## FUEL TANK

### Fuel Injection (Fuel Systems)

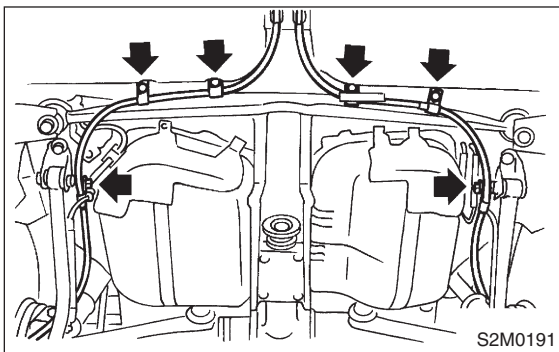
11) Connect evaporation hose to canister, and hold them with clamp.



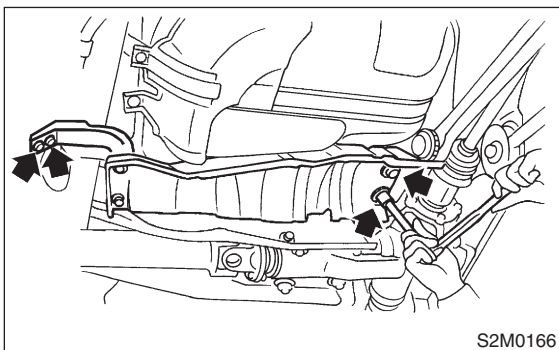
12) Connect hoses to roll over valve.



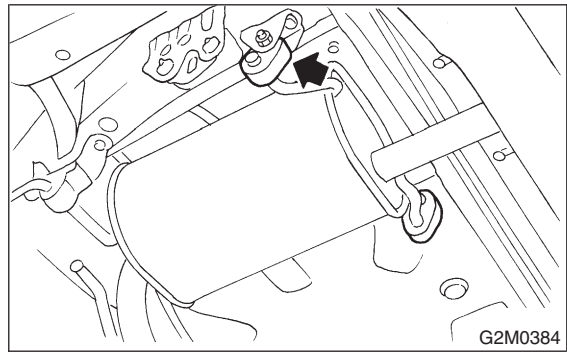
13) Install bolts which hold parking brake holding bracket.



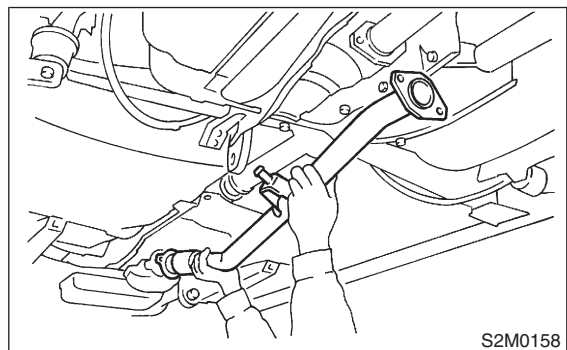
14) Install heat sealed cover.



15) Install muffler assembly. <Ref. to EX-12 INSTALLATION, Muttler.>

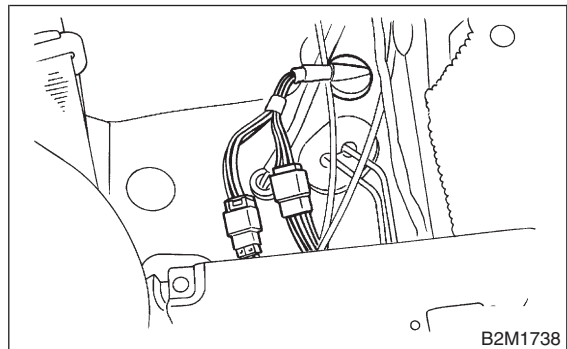


16) Install rear exhaust pipe. <Ref. to EX-10 INSTALLATION, Rear Exhaust Pipe.>

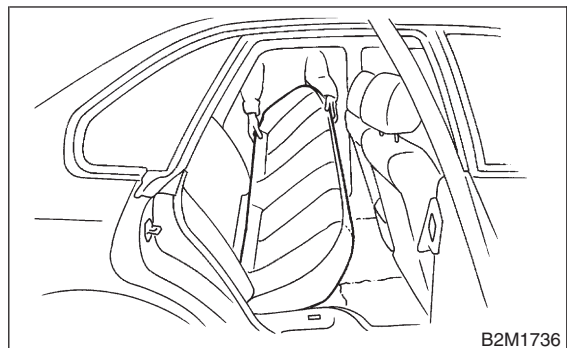


17) Lower the vehicle.

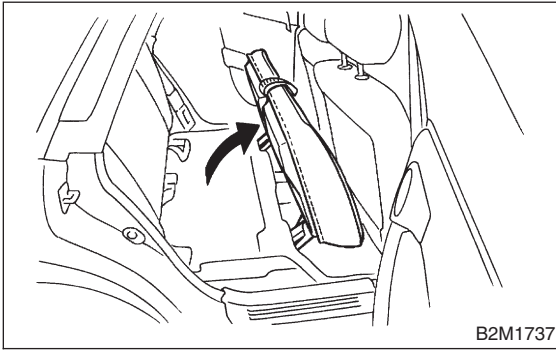
18) Connect connectors to fuel tank harness, and plug access hole with grommet.



19) Install rear seat cushion. (Sedan model)

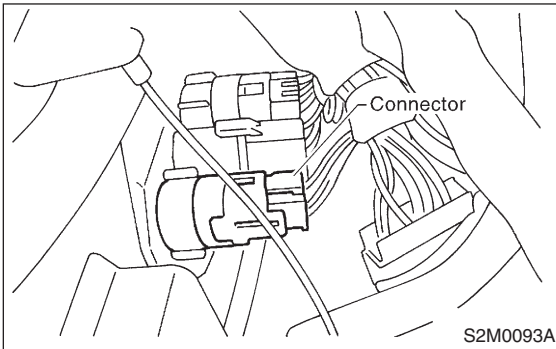


20) Set rear seat cushion. (Wagon model)

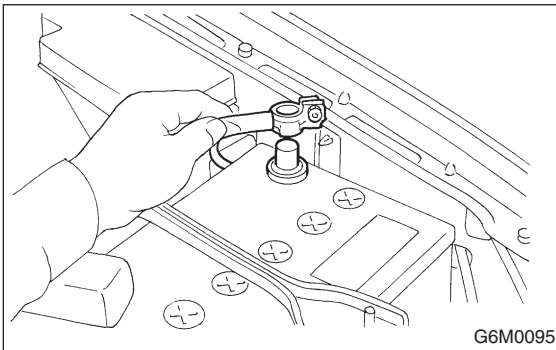


21) Install fuel filler cap.

22) Connect connector to fuel pump relay.



23) Connect battery ground cable.



## C: INSPECTION S105053A10

1) Make sure there are no cracks, holes, or other damage on the fuel tank.

2) Make sure that the fuel hoses and fuel pipes are not cracked and that connections are tight.