

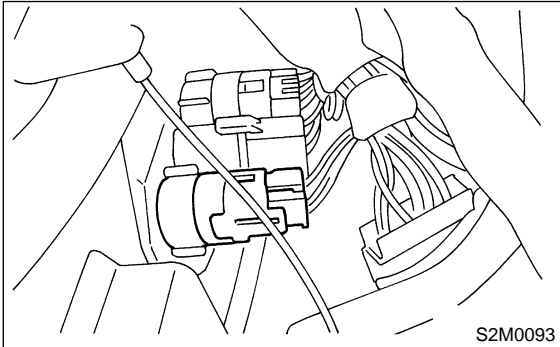
1. Fuel Tank

A: RELEASING OF FUEL PRESSURE

WARNING:

- Place "No fire" signs near the working area.
- Disconnect ground terminal from battery.
- Be careful not to spill fuel on the floor.

- 1) Disconnect connector from fuel pump relay.



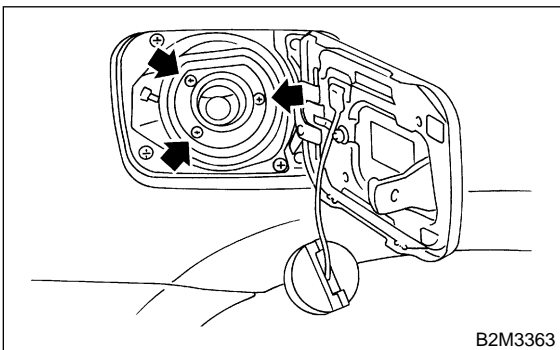
- 2) Start the engine, and run it until it stalls.
- 3) After the engine stalls, crank it for five more seconds.
- 4) Turn ignition switch OFF.

B: DRAINING OF FUEL

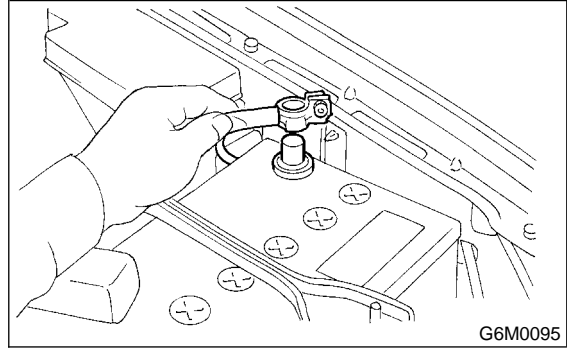
WARNING:

- Place "NO FIRE" signs near the working area.
- Be careful not to spill fuel on the floor.

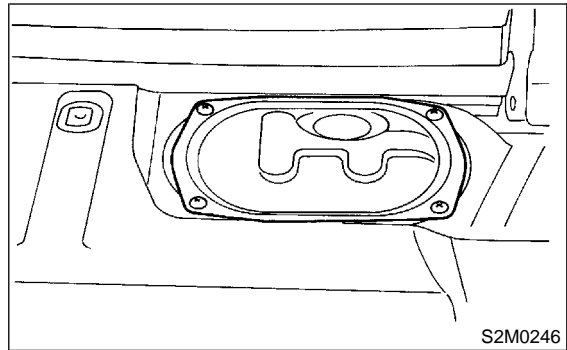
- 1) Release fuel pressure. <Ref. to 2-8 [W1A0].>
- 2) Open fuel flap lid, and remove fuel filler cap.



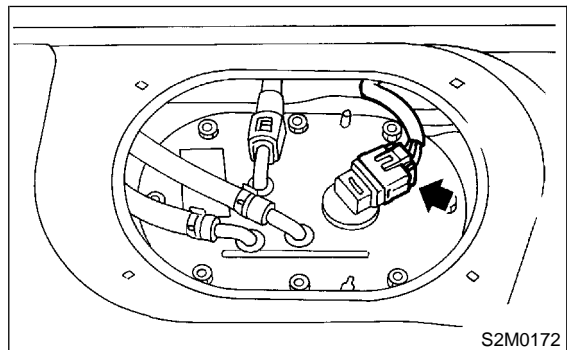
- 3) Disconnect battery ground cable.



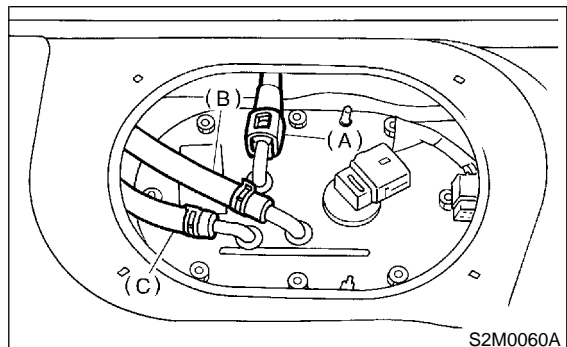
- 4) Remove access hole lid.



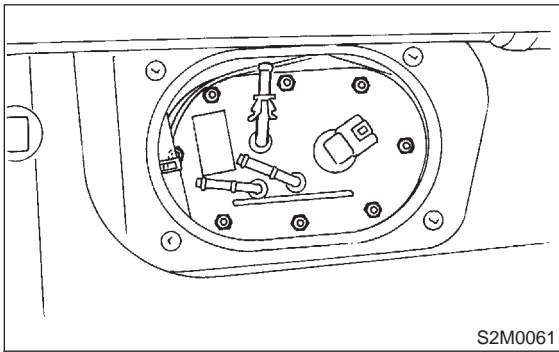
- 5) Disconnect connector from fuel pump.



- 6) Disconnect quick connector, and then disconnect fuel delivery hose (A). <Ref. to 2-8 [W9A0].>
- 7) Move clips, and then disconnect fuel return hose (B) and jet pump hose (C).



8) Remove nuts which install fuel pump assembly onto fuel tank.

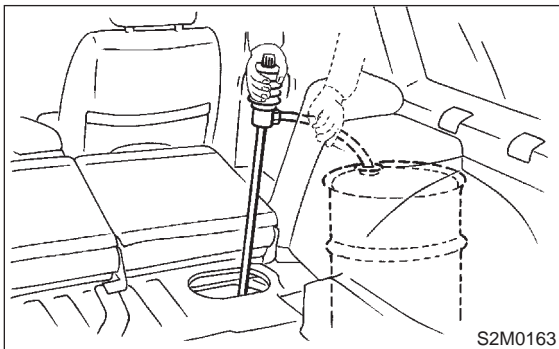


9) Take off fuel pump from fuel tank.

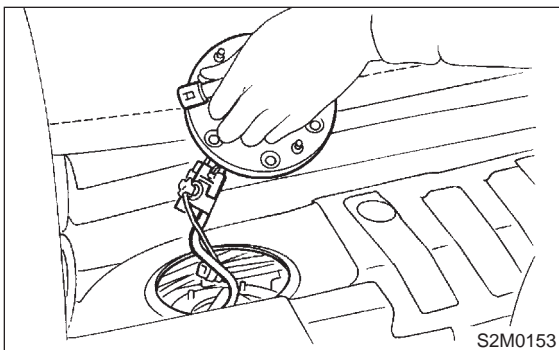
10) Drain fuel from fuel tank by using a hand pump.

WARNING:

Do not use a motor pump when draining fuel.



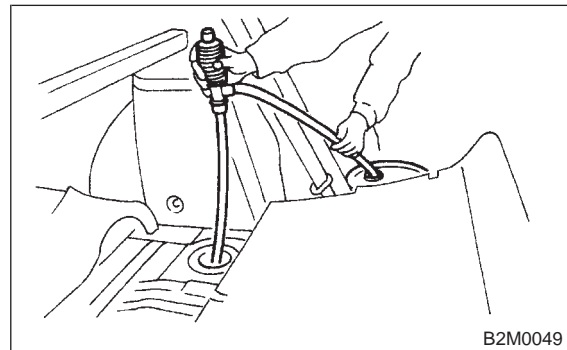
11) Remove fuel sub level sensor. <Ref. to 2-8 [W5A0].>



12) Drain fuel from there.

WARNING:

Do not use a motor pump when draining fuel.

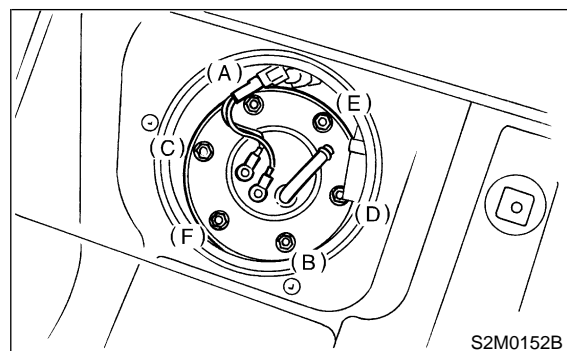
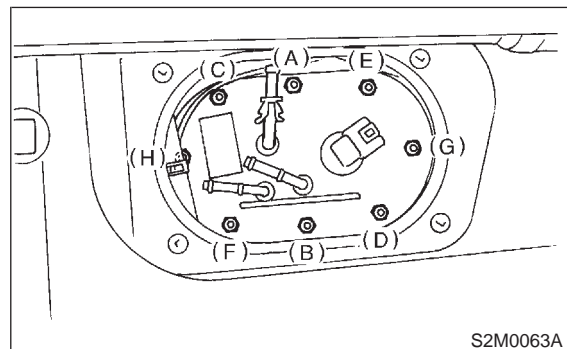


13) After draining fuel, reinstall fuel pump and fuel sub level sensor.

Tighten nuts of fuel pump in alphabetical sequence shown in figure to specified torque.

Tightening torque:

4.4±1.5 N·m (0.45±0.15 kg·m, 3.3±1.1 ft·lb)



C: REMOVAL

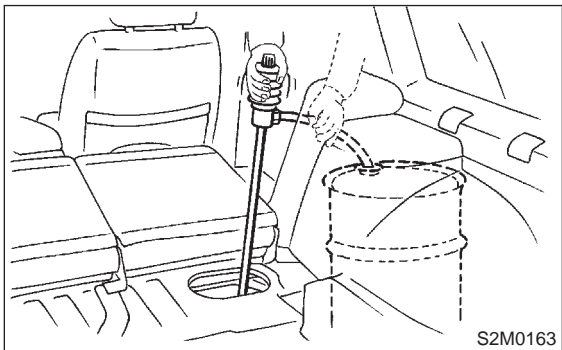
WARNING:

- Place "NO FIRE" signs near the working area.
- Be careful not to spill fuel on the floor.

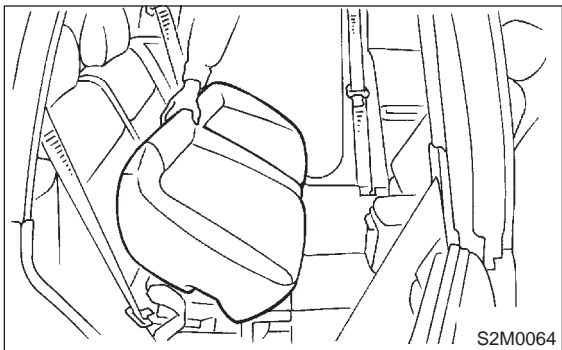
1) Set the vehicle on the lift.

1. Fuel Tank

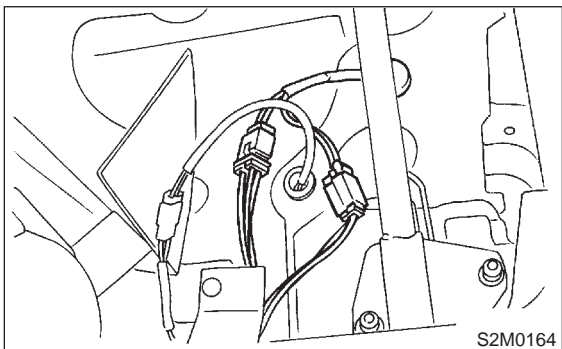
2) Drain fuel from fuel tank. <Ref. to 2-8 [W1B0].>



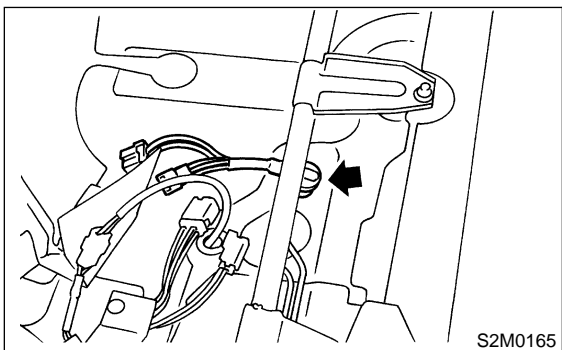
3) Remove rear seat cushion and turn up cover.



4) Disconnect connector of fuel tank cord from rear harness.



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

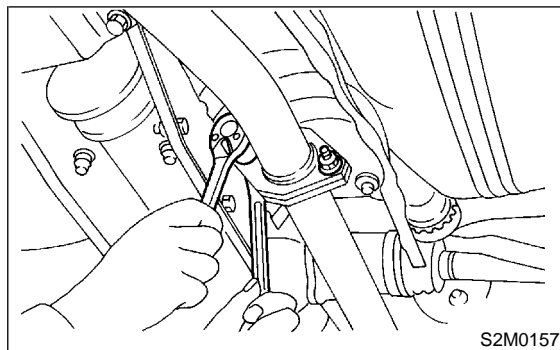


6) Lift-up the vehicle.

7) Remove rear exhaust pipe. <Ref. to 2-9 [W2A0].>

NOTE:

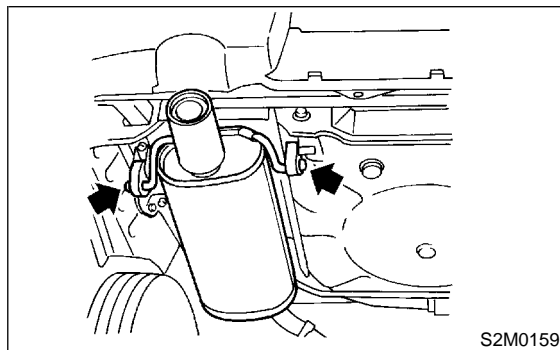
To facilitate the removal of parts, apply a coat of SUBARU CRC5-56 (Part No. 004301003).



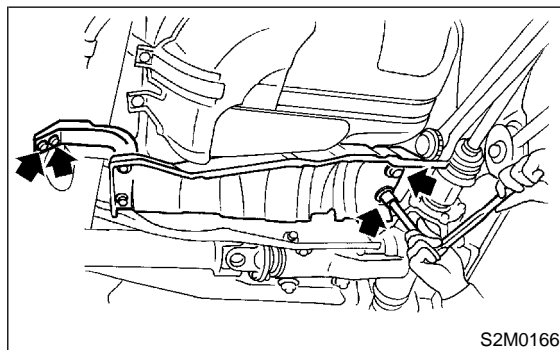
8) Remove muffler assembly. <Ref. to 2-9 [W3A0].>

NOTE:

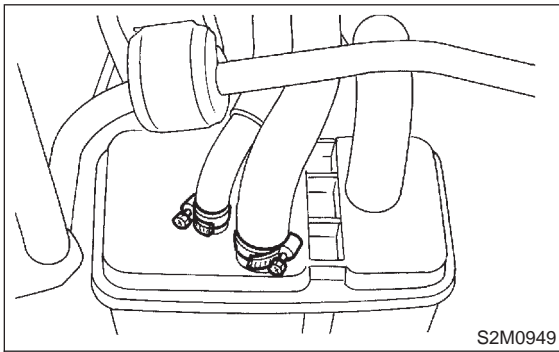
To facilitate the removal of parts, apply a coat of SUBARU CRC5-56 (Part No. 004301003).



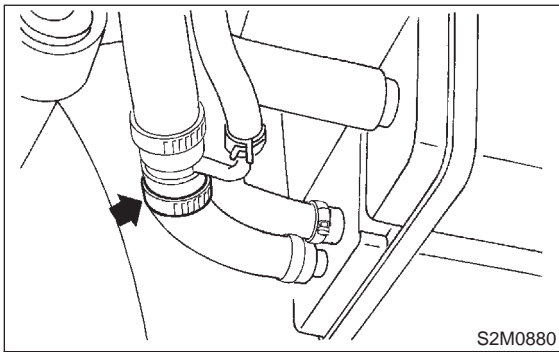
9) Remove heat sealed cover.



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

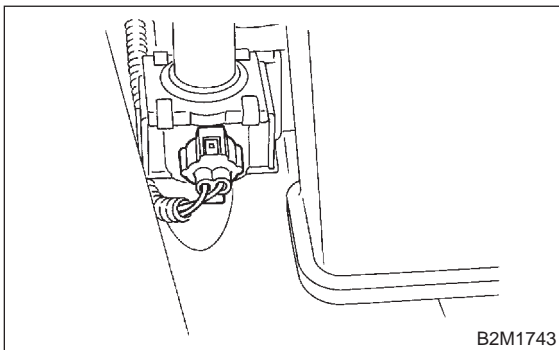


11) Disconnect hose from joint pipe.

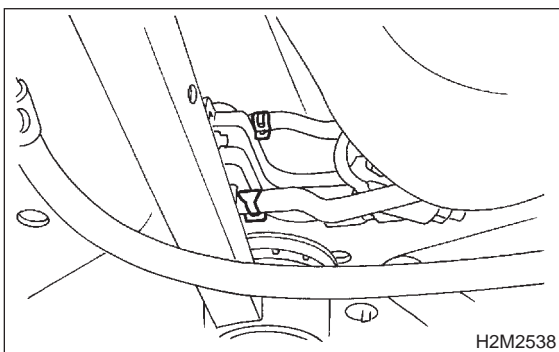


12) Disconnect connector from pressure control solenoid valve.

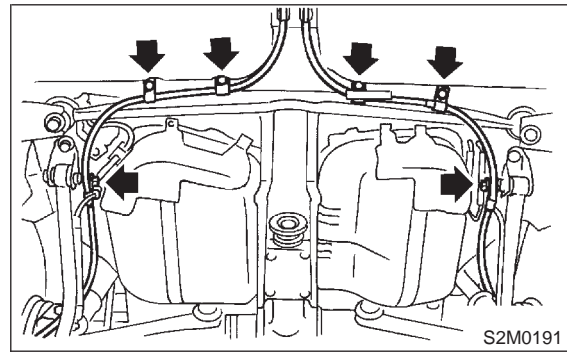
13) Disconnect connector from drain valve.



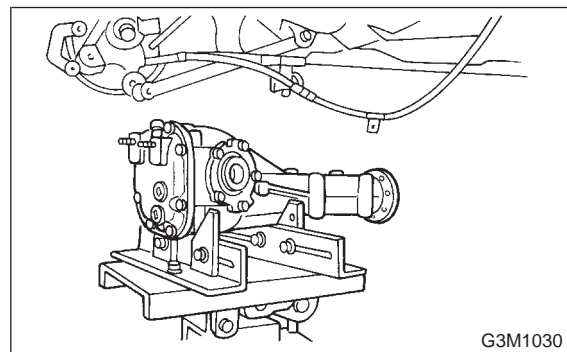
14) Disconnect hoses from roll over valve.



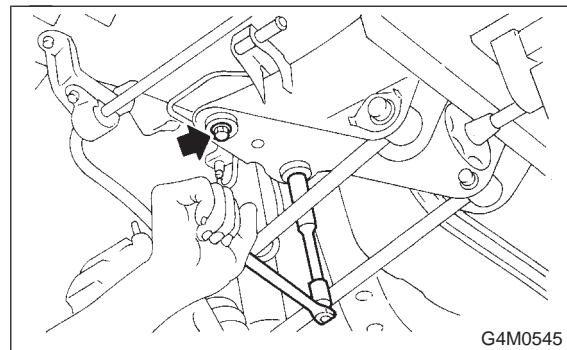
15) Remove bolts which hold parking brake cable holding bracket.



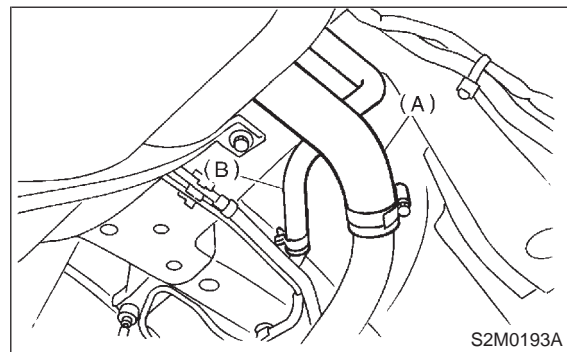
16) Remove rear differential assembly.
<Ref. to 3-4 [W2B0].>



17) Remove rear crossmember.
<Ref. to 4-1 [W10A0].>



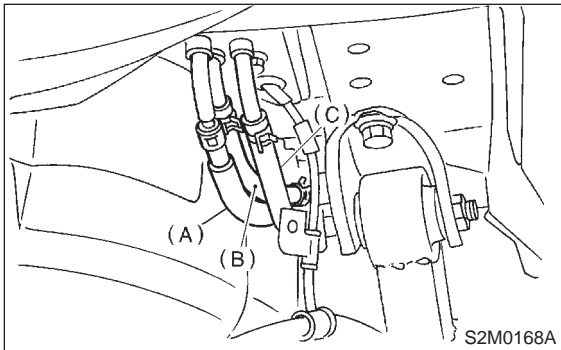
18) Loosen clamp, and disconnect fuel filler hose (A) and air vent hose (B) from fuel filler pipe and air vent pipe.



1. Fuel Tank

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

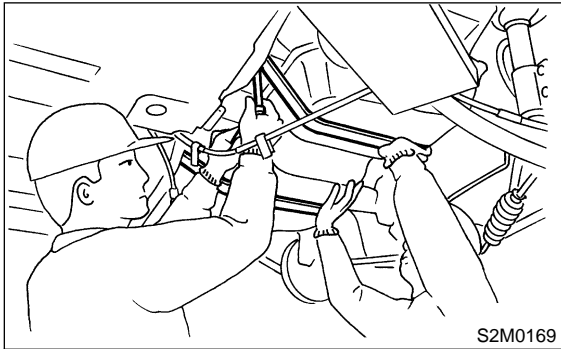
20) Disconnect quick connector, and then disconnect fuel delivery hose (A).



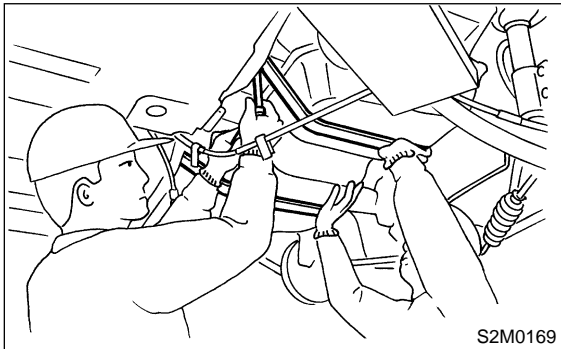
21) While holding fuel tank, remove bolts from bands and dismount fuel tank.

WARNING:

A helper is required to perform this work.

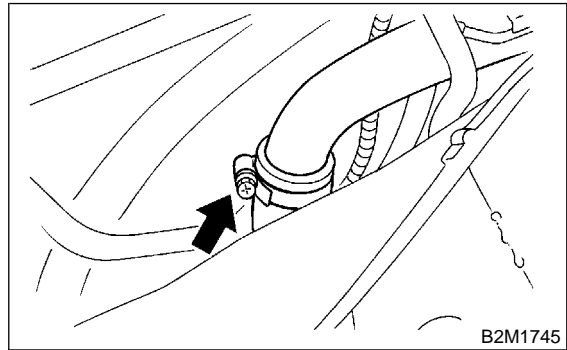
**D: INSTALLATION**

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



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

3) Connect fuel filler hose, and tighten clamp.

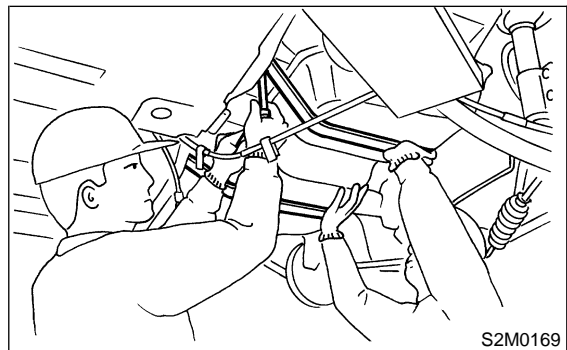


4) Connect fuel hoses, and hold then with clips and quick connector. <Ref. to 2-8 [W9A0].>

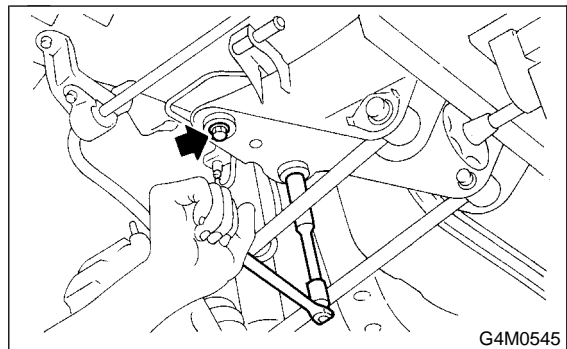
5) Tighten band mounting bolts.

Tightening torque:

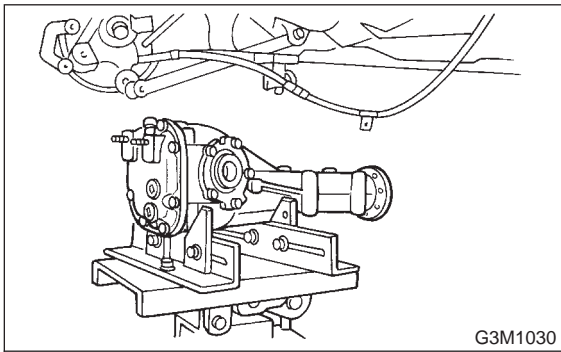
$33 \pm 10 \text{ N}\cdot\text{m}$ ($3.4 \pm 1.0 \text{ kg}\cdot\text{m}$, $25 \pm 7 \text{ ft}\cdot\text{lb}$)



6) Install rear crossmember. <Ref. to 4-1 [W10C0].>

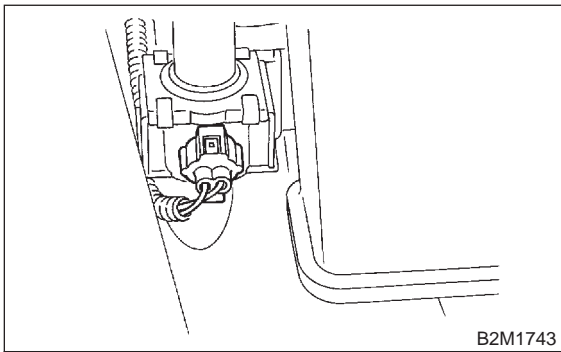


7) Install rear differential assembly. <Ref. to 3-4 [W2F0].>



G3M1030

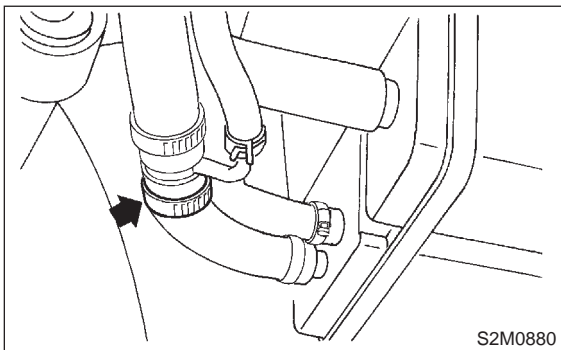
8) Connect connector to drain valve.



B2M1743

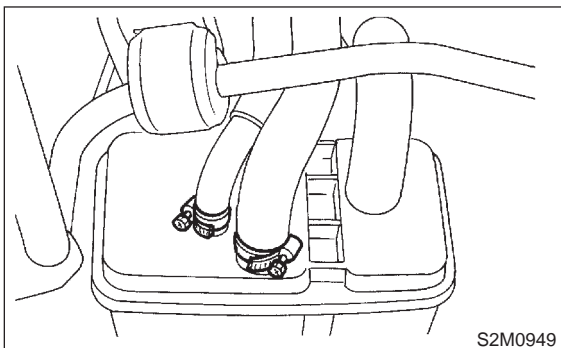
9) Connect connector to pressure control solenoid valve.

10) Connect hose to joint pipe.



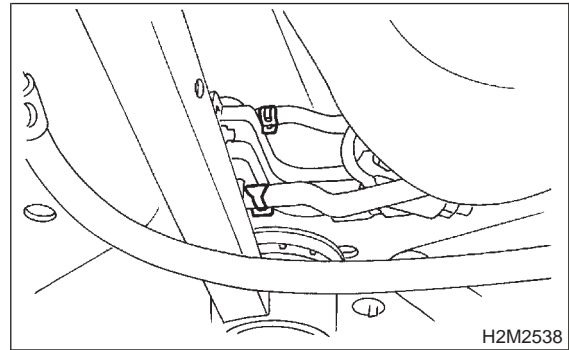
S2M0880

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



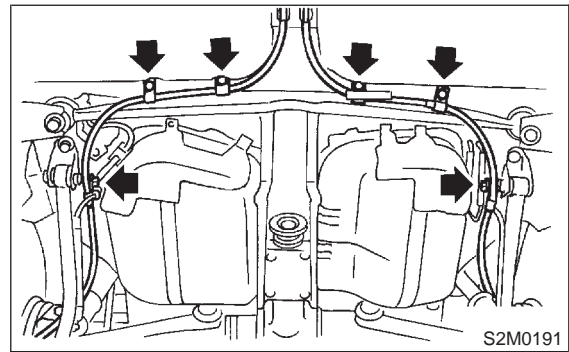
S2M0949

12) Connect hoses to roll over valve.



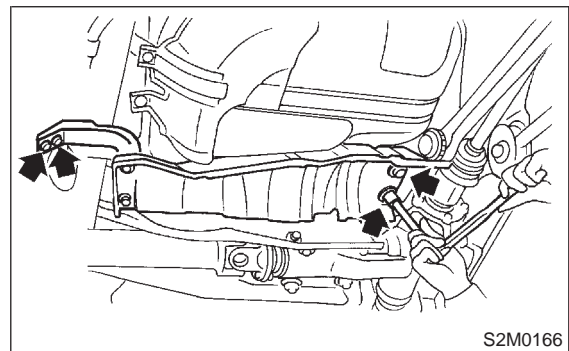
H2M2538

13) Install bolts which hold parking brake holding bracket.



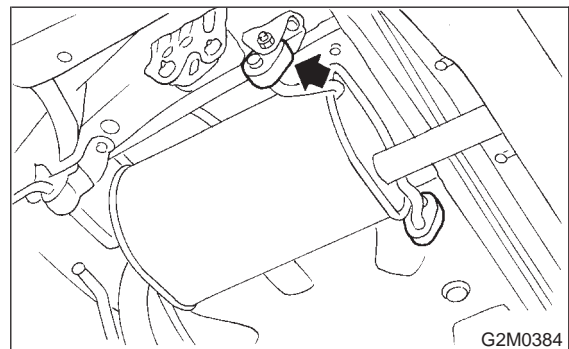
S2M0191

14) Install heat sealed cover.



S2M0166

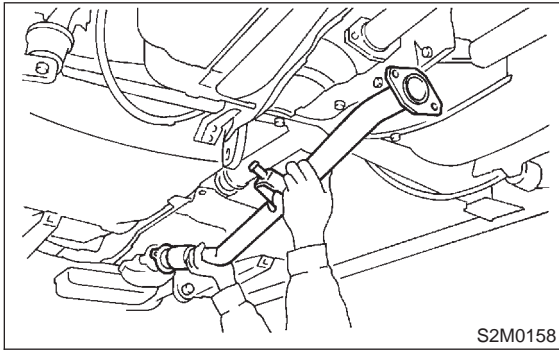
15) Install muffler assembly. <Ref. to 2-9 [W3A0].>



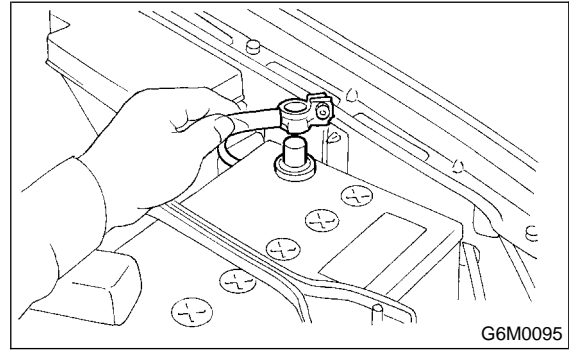
G2M0384

1. Fuel Tank

16) Install rear exhaust pipe. <Ref. to 2-9 [W2B0].>

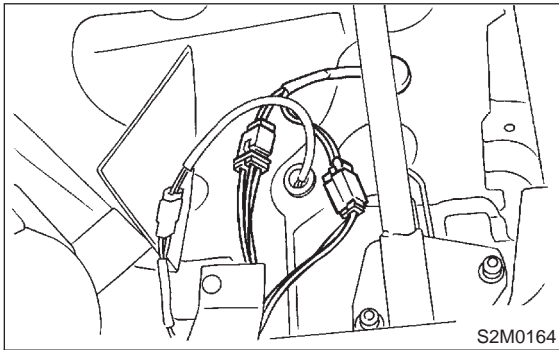


22) Connect battery ground cable.

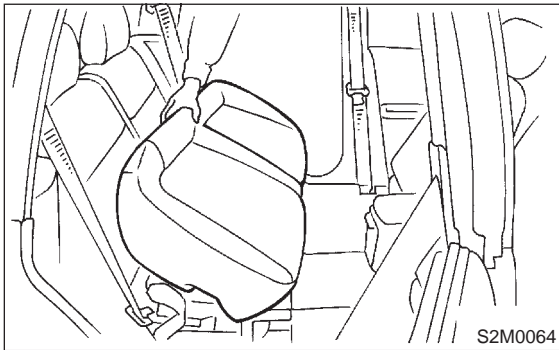


17) Lower the vehicle.

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



19) Install rear seat cushion.



20) Install fuel filler cap.

21) Connect connector to fuel pump relay.

