

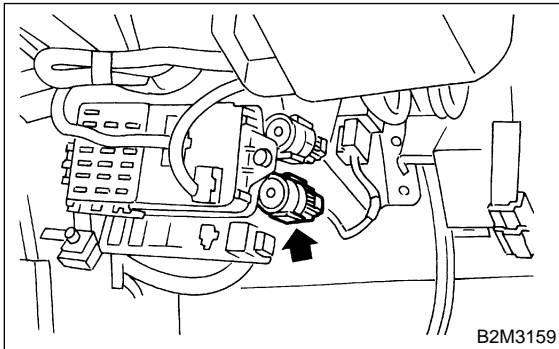
1. Fuel Tank

A: RELEASING OF FUEL PRESSURE

WARNING:

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

- 1) Disconnect connector from fuel pump relay.



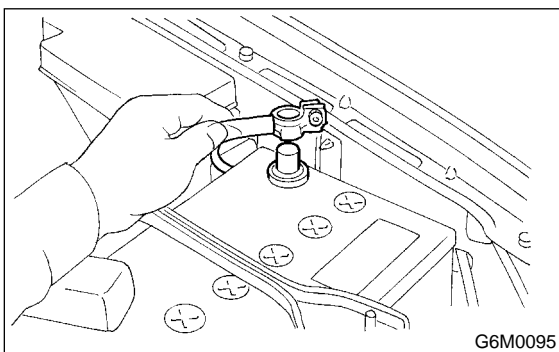
- 2) Start the engine and run it until it stalls.
- 3) After the engine stalls, crank it for five more seconds.
- 4) Turn ignition switch to OFF.

B: DRAINING FUEL

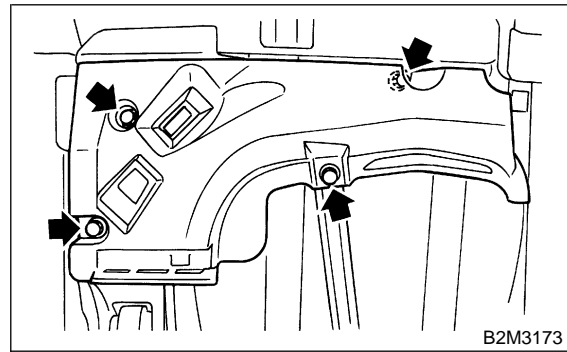
WARNING:

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

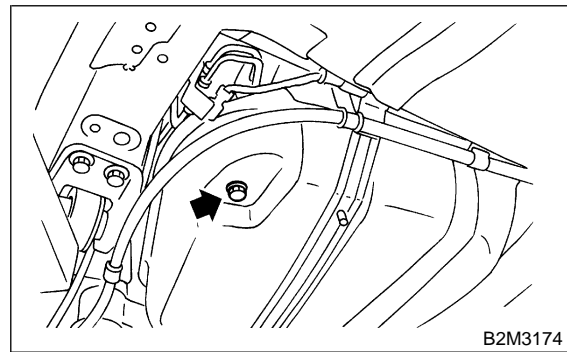
- 1) Set vehicle on the lift.
- 2) Disconnect battery ground cable.



- 3) Lift-up the vehicle.
- 4) Remove front right side fuel tank cover.



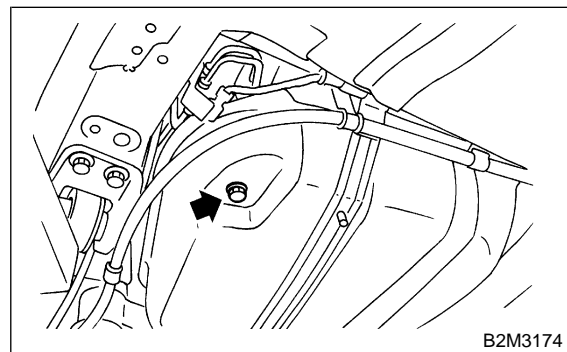
- 5) Drain fuel from fuel tank.
Set a container under the vehicle and remove drain plug from fuel tank.



- 6) Tighten fuel drain plug and install front right side tank cover.

Tightening torque:

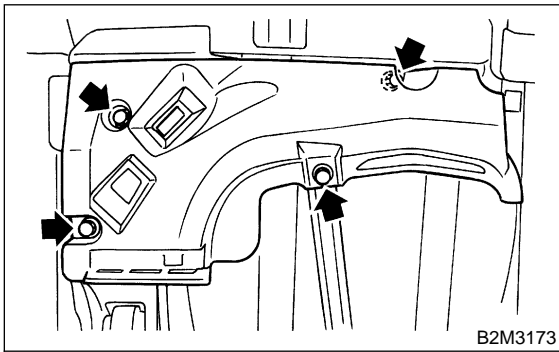
26±7 N·m (2.65±0.7 kg·m, 19.2±5.1 ft·lb)



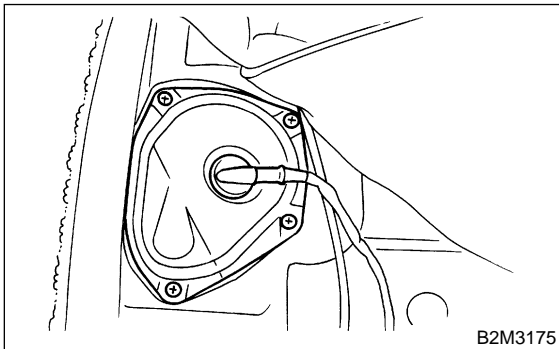
1. Fuel Tank

Tightening torque:

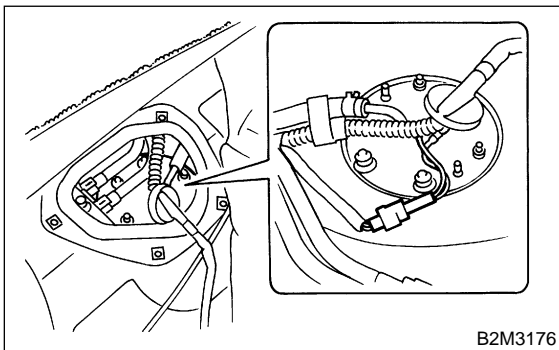
18±5 N·m (1.8±0.5 kg·m, 13.0±3.6 ft·lb)



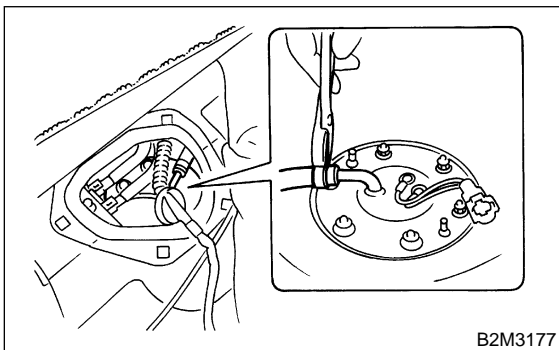
- 7) Lower the vehicle.
- 8) Remove sub service hole cover.



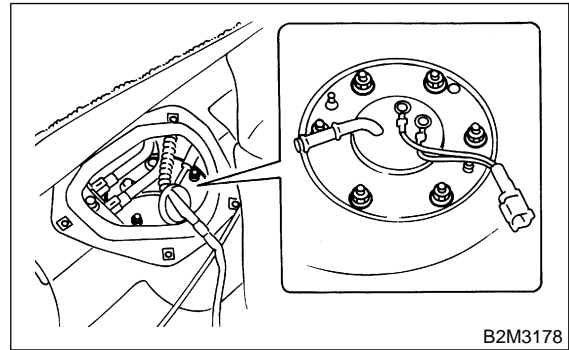
- 9) Disconnect connector from fuel sub level sensor.



- 10) Disconnect fuel jet pump hose.



- 11) Remove fuel sub level sensor.



- 12) Drain fuel from fuel tank by using hand pump.

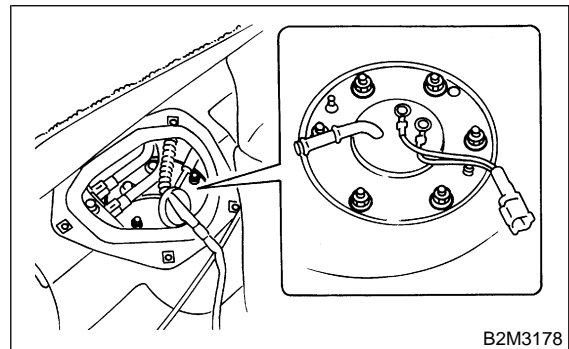
WARNING:

Do not use a motor pump when draining fuel.

- 13) After draining fuel, reinstall fuel sub level sensor.

Tightening torque:

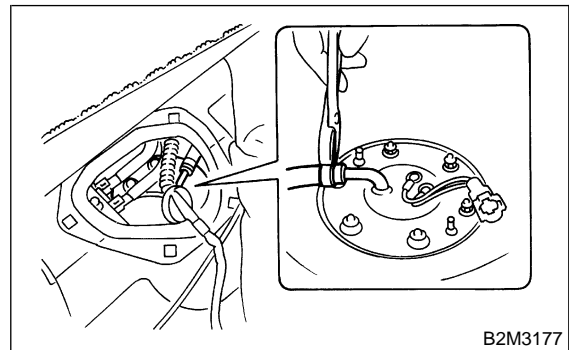
T: 4.4±1.5 N·m (0.45±0.15 kg·m, 3.3±1.1 ft·lb)



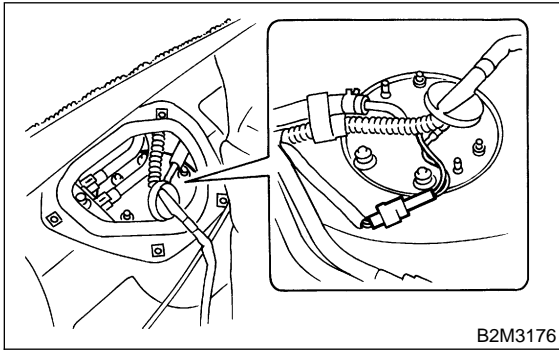
NOTE:

If you have not removed fuel tank yet, proceed with the procedure below for installation.

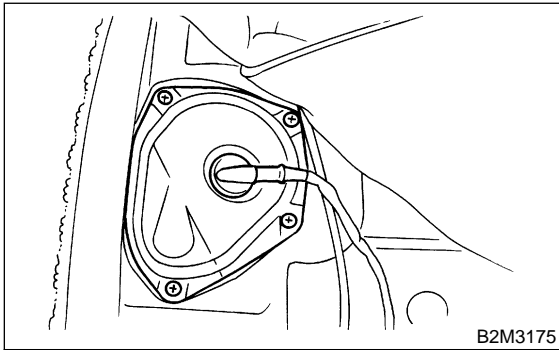
- (1) Connect fuel jet pump hose.



- (2) Connect connector from fuel sub level sensor.

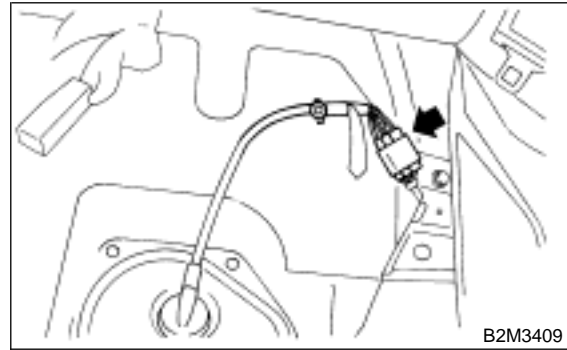


- (3) Install sub service hole cover.

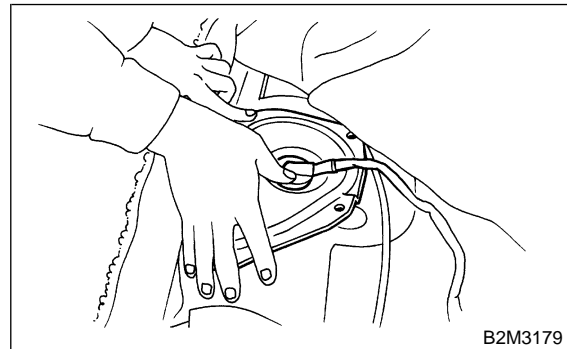


- (4) Set rear seat and floor mat.

- 5) Disconnect connector of fuel tank cord to rear harness.

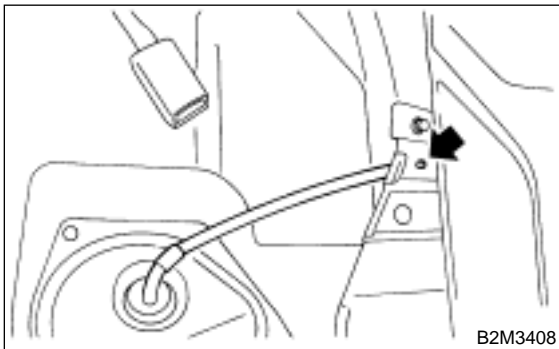


- 6) Push grommet which holds fuel tank cord on service hole cover into body side.

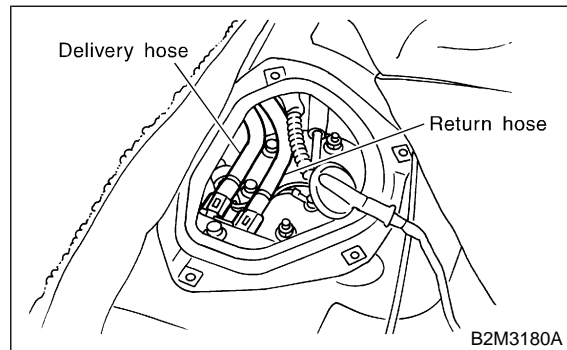


C: REMOVAL

- 1) Set vehicle on the lift.
- 2) Release fuel pressure. <Ref. to 2-8 [W1A0].>
- 3) Drain fuel from fuel tank. <Ref. to 2-8 [W1B0].>
- 4) Remove holder clip which secures fuel tank cord on bracket.

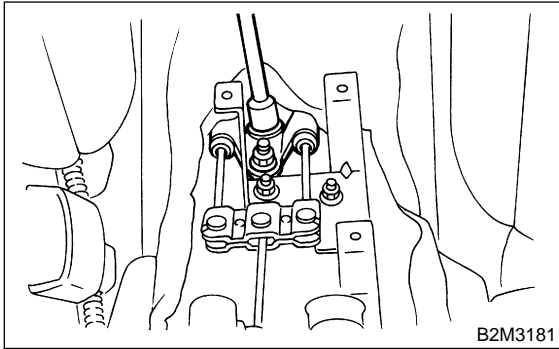


- 7) Separate quick connector of fuel delivery and return hose. <Ref. to 2-8 [W9A0].>



- 8) Remove parking brake cable.
(1) Remove center console. <Ref. to 5-4 [W1A0].>

(2) Remove parking brake bracket and disconnect parking brake cable from equalizer. <Ref. to 4-4 [W10A0].>



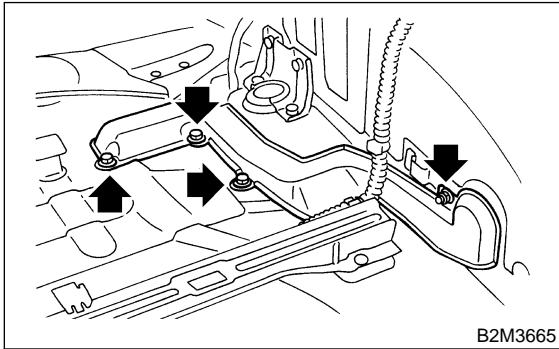
9) Remove trunk trim. (Sedan model)

<Ref. to 5-3 [W5A0].>

10) Remove luggage room trim. (Wagon model)

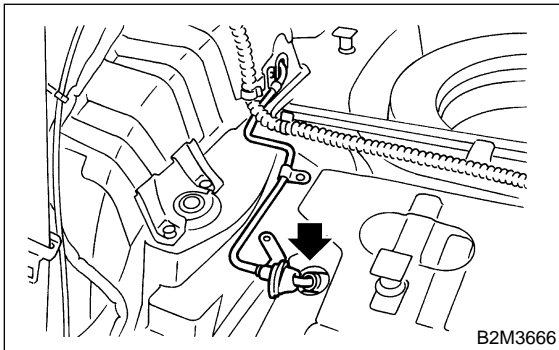
<Ref. to 5-3 [W5A0].>

11) Remove pipe protector.



12) Separate quick connector of evaporation pipe

(A). <Ref. to 2-8 [W8A0].>

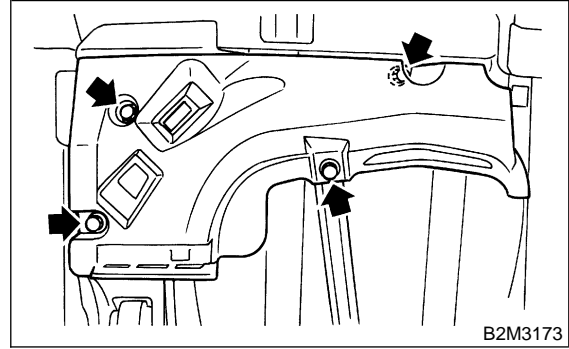


13) Remove wheel nuts from rear wheels.

14) Lift-up the vehicle.

15) Remove rear wheel.

16) Remove front side fuel tank cover.



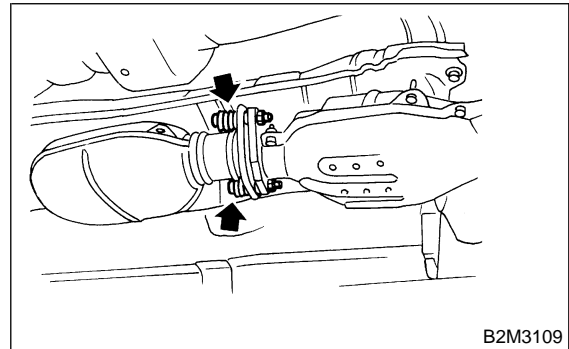
17) Remove rear exhaust pipe and muffler.

NOTE:

To facilitate removal, apply a coat of SUBARU CRC to matching area of rubber cushions in advance.

SUBARU CRC (Part No. 004301003)

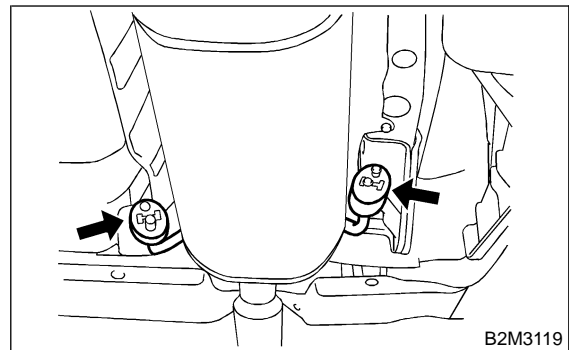
(1) Separate rear exhaust pipe from center exhaust pipe.



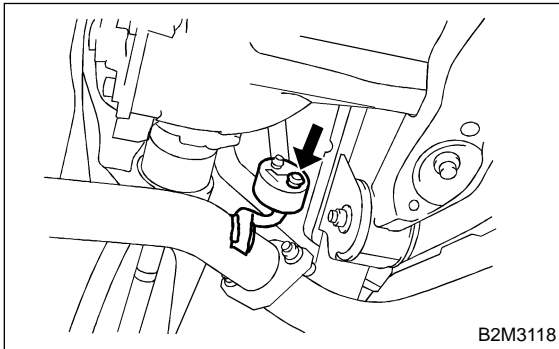
(2) Remove left and right rubber cushions.

CAUTION:

Be careful not to pull down muffler.



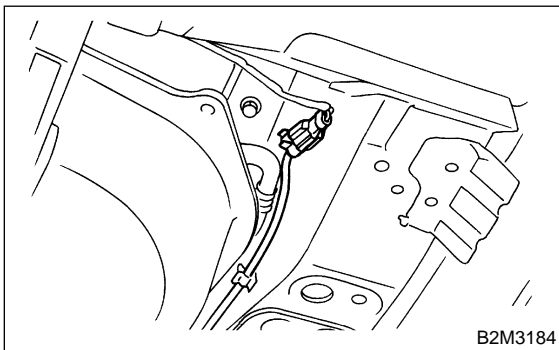
(3) Remove front rubber cushion and detach muffler assembly.



B2M3118

18) Remove propeller shaft. <Ref. to 3-4 [W1B0].>

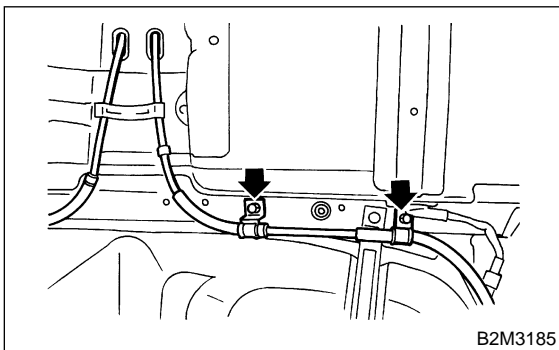
19) Disconnect connector from ABS sensor.



B2M3184

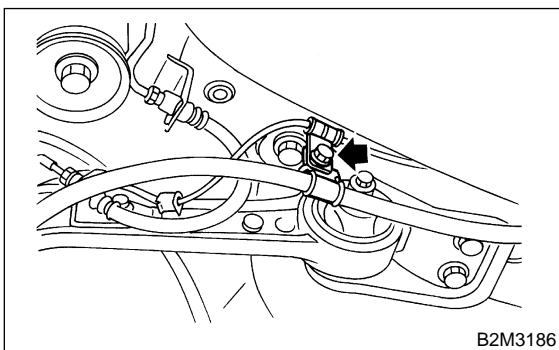
20) Remove bolts which hold parking brake cable holding bracket.

21) Remove parking brake cable from cabin by forcibly pulling it backward.



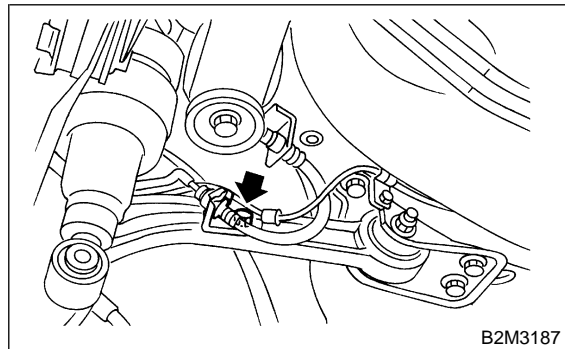
B2M3185

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



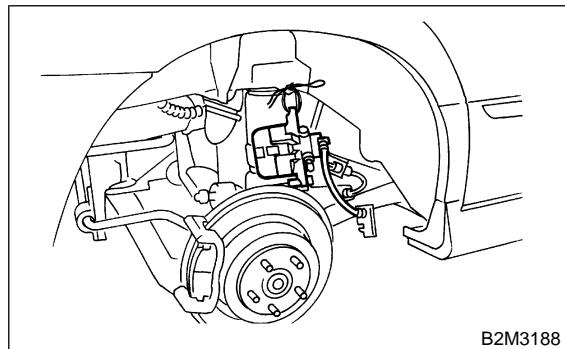
B2M3186

23) Remove bolts which hold rear brake hoses holding bracket.



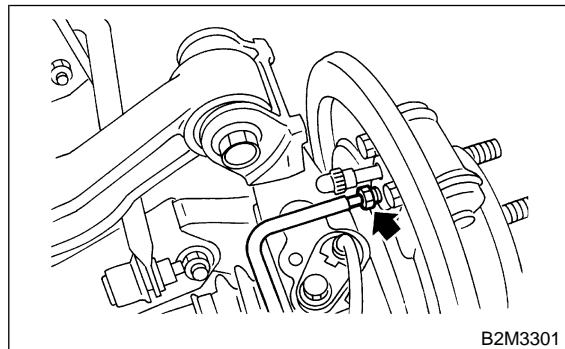
B2M3187

24) Remove rear brake caliper, then tie it up to the body side of the vehicle as shown in figure. (Rear disk brake model)



B2M3188

25) Disconnect brake pipes from wheel cylinder. (Rear drum brake model) <Ref. to 4-4 [W3A2].>



B2M3301

26) Remove rear suspension assembly.

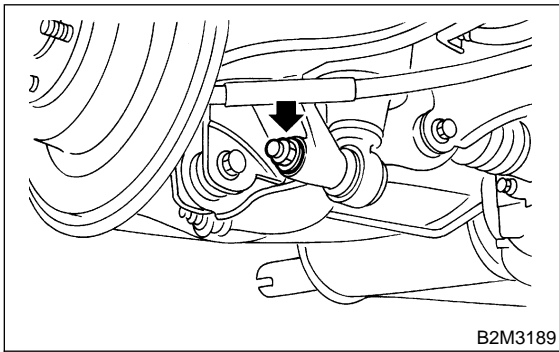
WARNING:

A helper is required to perform this work.

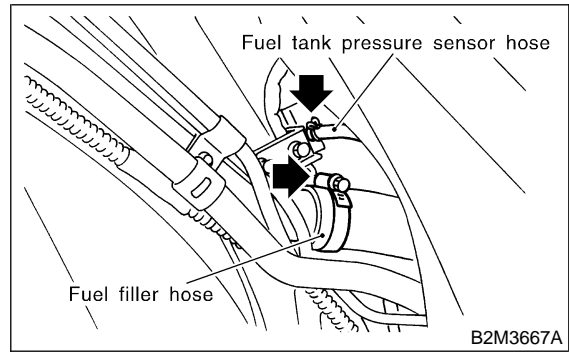
- (1) Support rear differential with transmission jack.

1. Fuel Tank

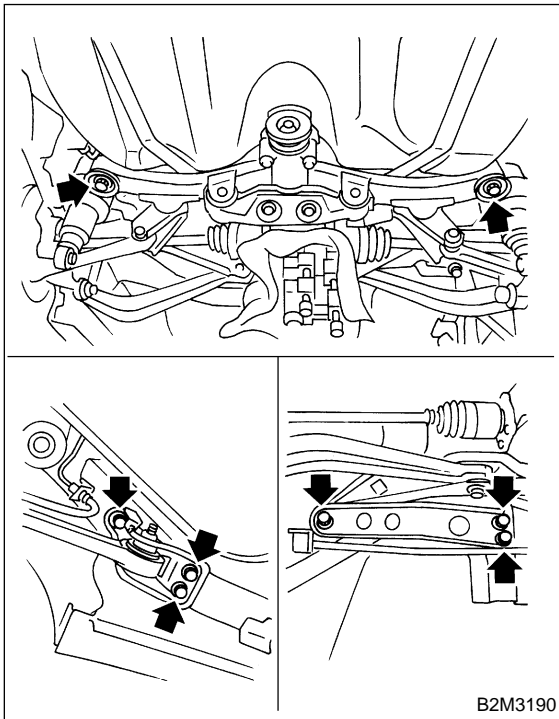
(2) Remove bolt which holds rear shock absorber to rear suspension arm.



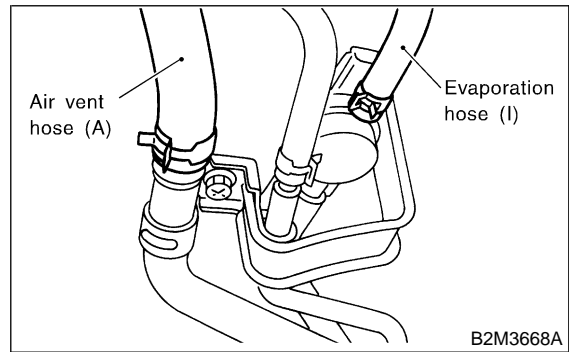
28) Disconnect fuel filler hose and fuel tank pressure sensor hose.



(3) Remove bolt which secure rear suspension assembly to body.

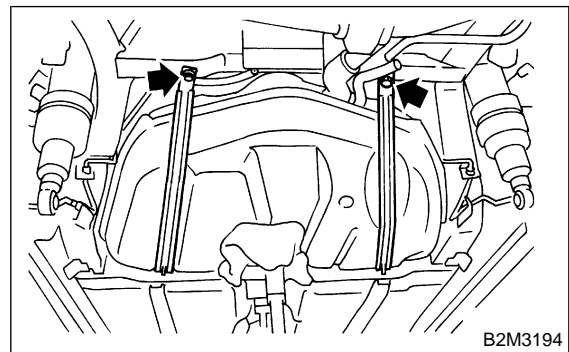


29) Disconnect air vent hose (A) from evaporation pipe assembly and disconnect evaporation hose (I) from pressure control solenoid valve.

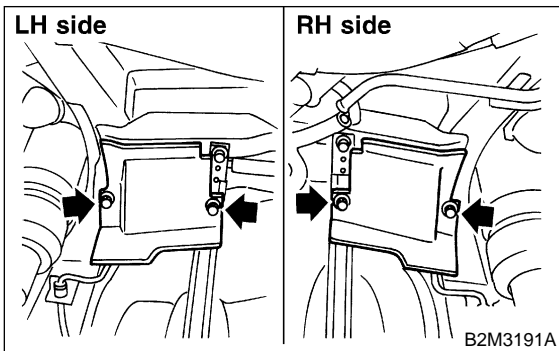


30) Support fuel tank with transmission jack, remove bolts from bands and dismount fuel tank from the vehicle.

WARNING:
A helper is required to perform this work.



(4) Remove rear suspension assembly.
27) Remove rear side fuel tank cover.



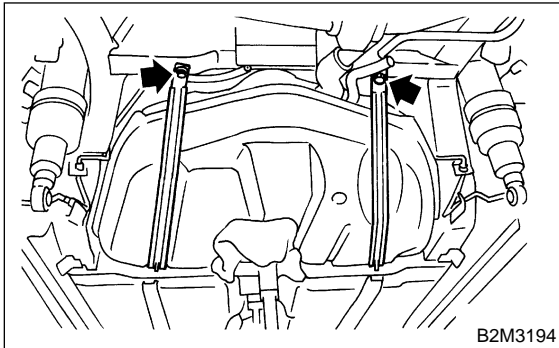
D: INSTALLATION

1) Support fuel tank with transmission jack and push fuel tank harness into access hole with grommet.

2) Set fuel tank and temporarily tighten bolts of fuel tank bands.

WARNING:

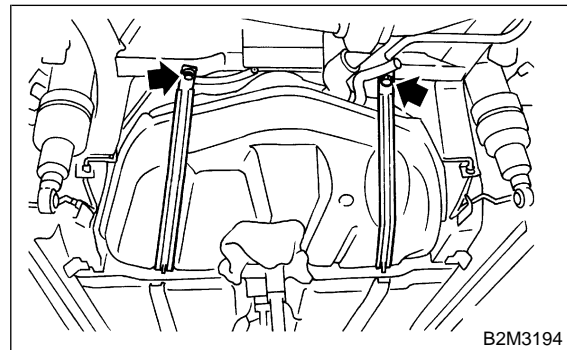
A helper is required to perform this work.



5) Tighten band mounting bolts.

Tightening torque:

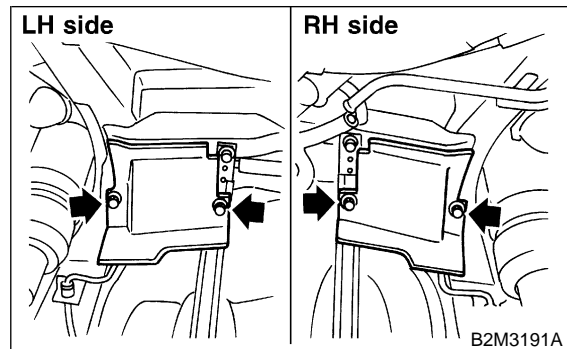
$33 \pm 10 \text{ N}\cdot\text{m}$ ($3.4 \pm 1.0 \text{ kg}\cdot\text{m}$, $25 \pm 7 \text{ ft}\cdot\text{lb}$)



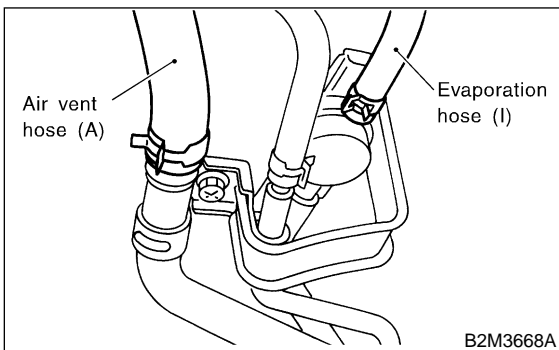
6) Install rear side fuel tank cover.

Tightening torque:

$18 \pm 5 \text{ N}\cdot\text{m}$ ($1.8 \pm 0.5 \text{ kg}\cdot\text{m}$, $13.0 \pm 3.6 \text{ ft}\cdot\text{lb}$)



3) Connect air vent hose (A) to evaporation pipe assembly and connect evaporation hose (I) to pressure control solenoid valve.

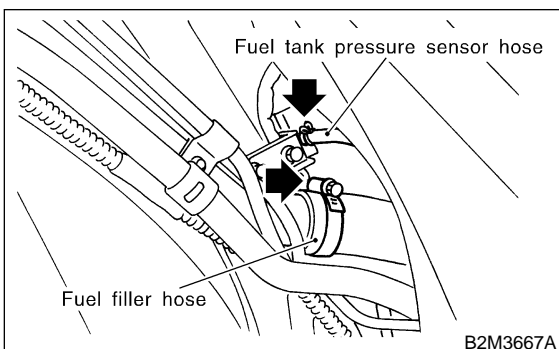


7) Install rear suspension assembly.

WARNING:

A helper is required to perform this work.

4) Connect fuel filler hose and fuel tank pressure sensor hose.



1. Fuel Tank

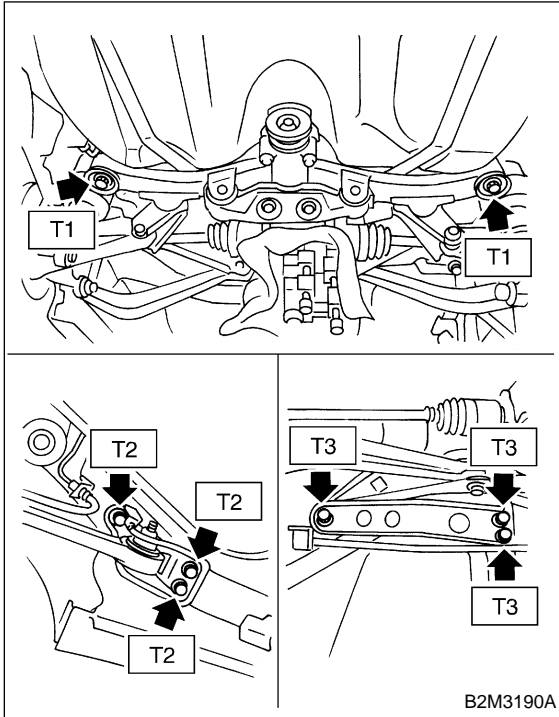
(1) Support rear suspension assembly and then tighten bolts which secure rear suspension assembly.

Tightening torque:

T1: 172±20 N·m (17.5±2.0 kg-m, 127±14 ft-lb)

T2: 108±15 N·m (11.0±1.5 kg-m, 80±11 ft-lb)

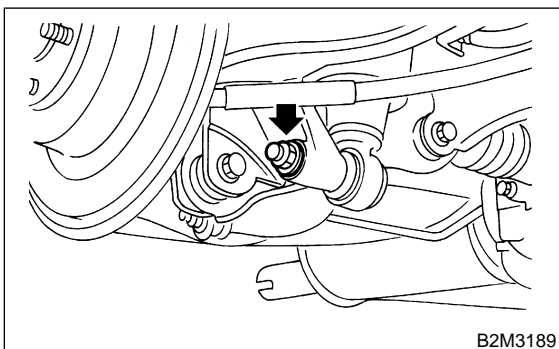
T3: 66±10 N·m (6.7±1.0 kg-m, 48±7 ft-lb)



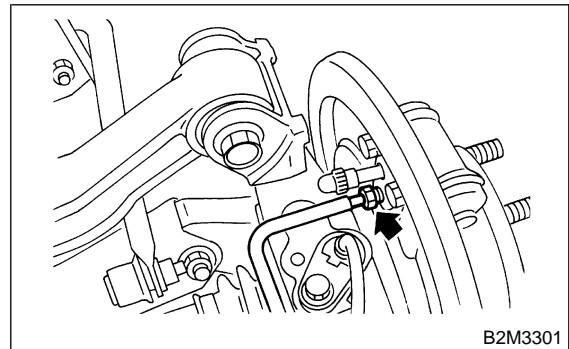
(2) Tighten bolt which holds rear shock absorber to rear suspension arm. <Ref. to 4-1 [W11E0].>

Tightening torque:

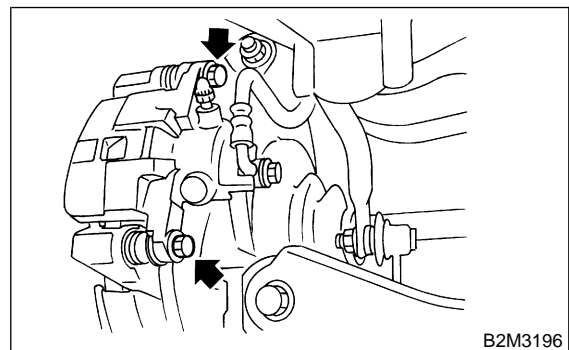
157±20 N·m (16±2 kg-m, 116±14 ft-lb)



8) Connect brake pipes to wheel cylinder. (Rear drum brake model) <Ref. to 4-4 [W3E3].>



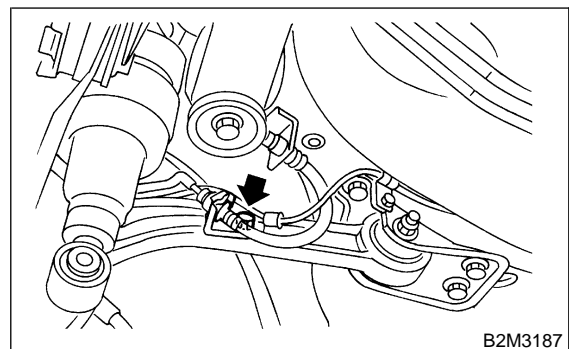
9) Install rear brake caliper. (Rear disk brake model) <Ref. to 4-4 [W2F0].>



10) Tighten bolts which hold rear brake hoses holding bracket.

Tightening torque:

33±10 N·m (3.4±1.0 kg-m, 25±7 ft-lb)

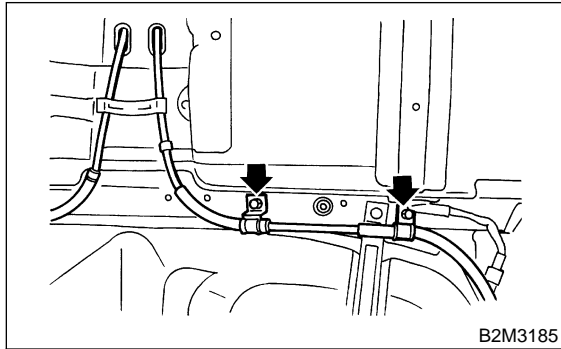


11) Install parking brake cable to cabin by forcibly pushing it forward.

12) Tighten bolts which hold parking brake cable holding bracket.

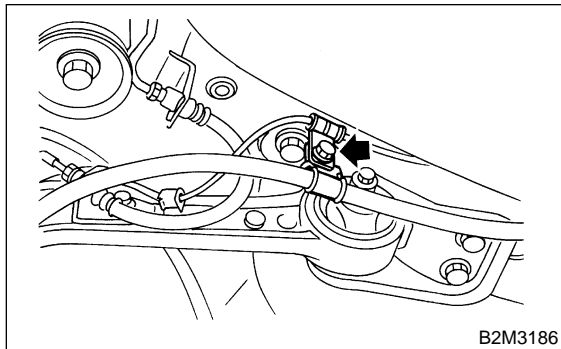
Tightening torque:

$18 \pm 5 \text{ N}\cdot\text{m}$ ($1.8 \pm 0.5 \text{ kg}\cdot\text{m}$, $13.0 \pm 3.6 \text{ ft}\cdot\text{lb}$)

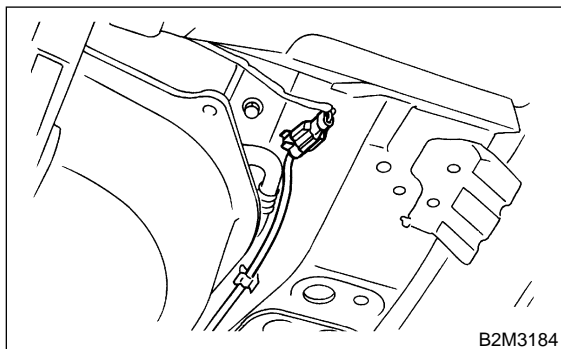


Tightening torque:

$32 \pm 10 \text{ N}\cdot\text{m}$ ($3.3 \pm 1.0 \text{ kg}\cdot\text{m}$, $23.9 \pm 7.2 \text{ ft}\cdot\text{lb}$)



13) Connect connector to ABS sensor.



14) Install propeller shaft. <Ref. to 3-4 [W1E0].>

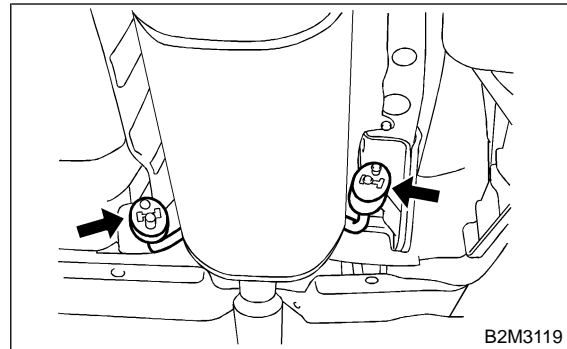
15) Install rear exhaust pipe and muffler.

NOTE:

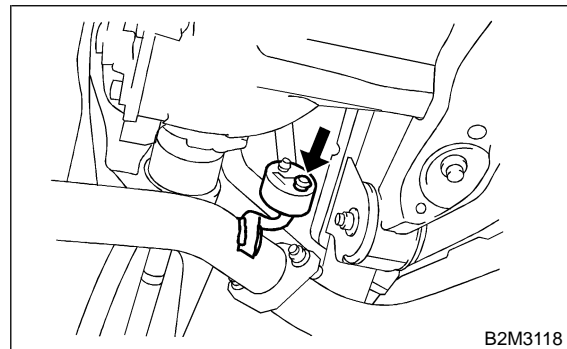
To facilitate the procedure, apply a coat of SUBARU CRC to matching area of rubber cushions in advance.

SUBARU CRC (Part No. 004301003)

(1) Install left and right rubber cushions.



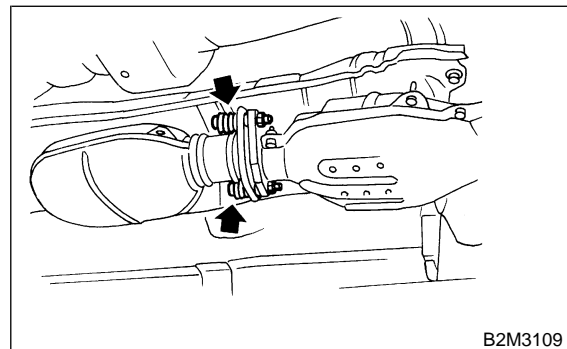
(2) Install front rubber cushion and attach muffler assembly.



(3) Install rear exhaust pipe to center exhaust pipe.

Tightening torque:

$18 \pm 5 \text{ N}\cdot\text{m}$ ($1.8 \pm 0.5 \text{ kg}\cdot\text{m}$, $13.0 \pm 3.6 \text{ ft}\cdot\text{lb}$)

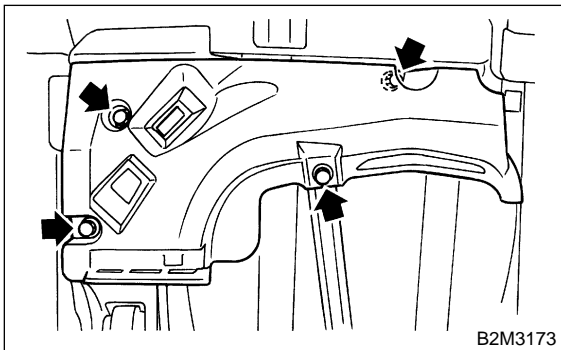


1. Fuel Tank

16) Install front side fuel tank cover.

Tightening torque:

$18 \pm 5 \text{ N}\cdot\text{m}$ ($1.8 \pm 0.5 \text{ kg}\cdot\text{m}$, $13.0 \pm 3.6 \text{ ft}\cdot\text{lb}$)

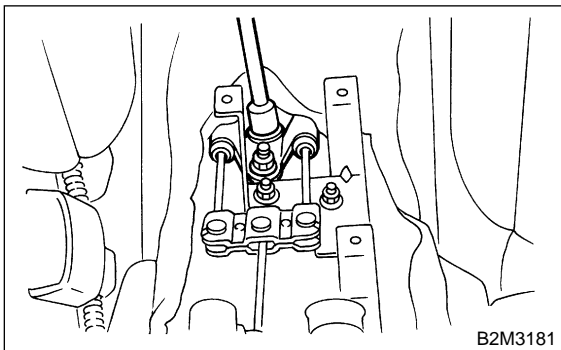


17) Install rear wheel.

18) Lower the vehicle.

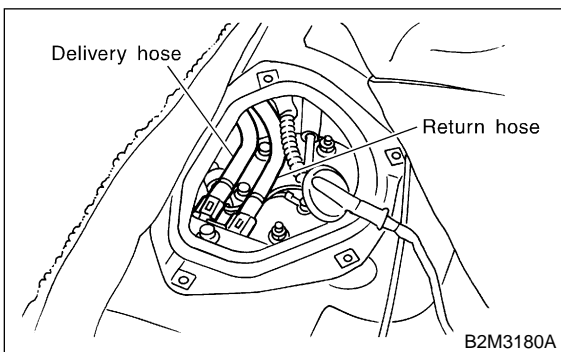
19) Tighten wheel nuts to rear wheel.

20) Install parking brake cable. <Ref. to 4-4a [W10A0].>

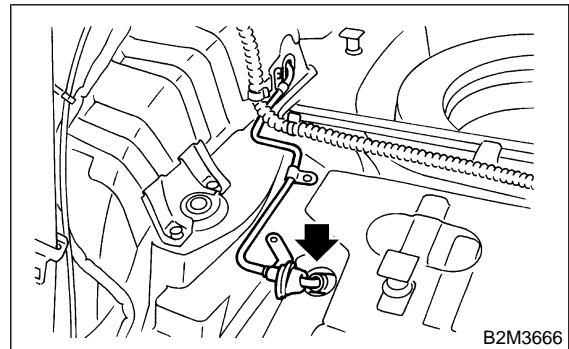


21) Install center console. <Ref. to 5-4 [W1A0].>

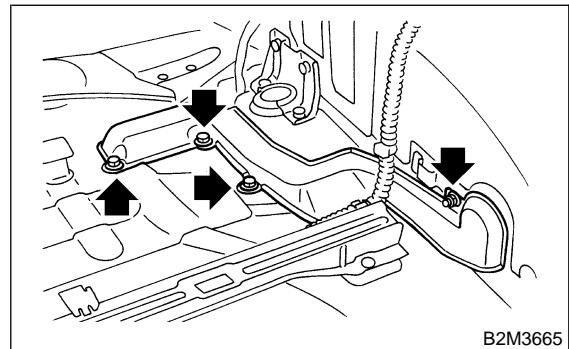
22) Connect fuel hoses and hold them with quick connector. <Ref. to 2-8 [W9A0].>



23) Connect evaporation pipe (A) and hold it with quick connector. <Ref. to 2-8 [W8A0].>



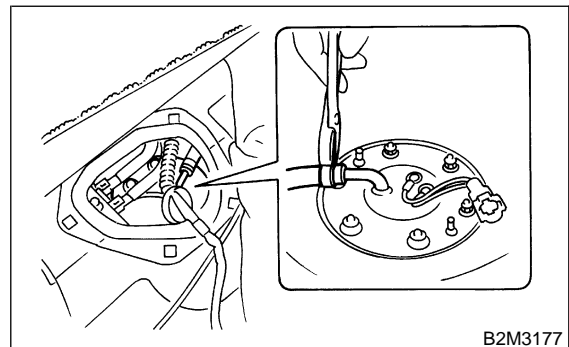
24) Install pipe protector.



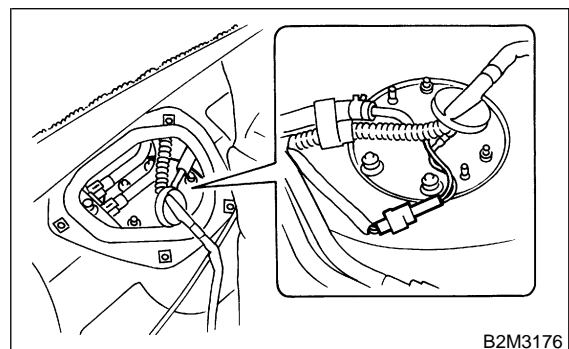
25) Install trunk room trim. (Sedan model)

26) Install luggage room trim. (Wagon model)

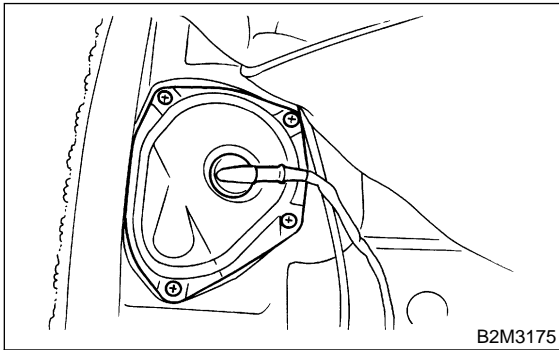
27) Connect fuel jet pump hose.



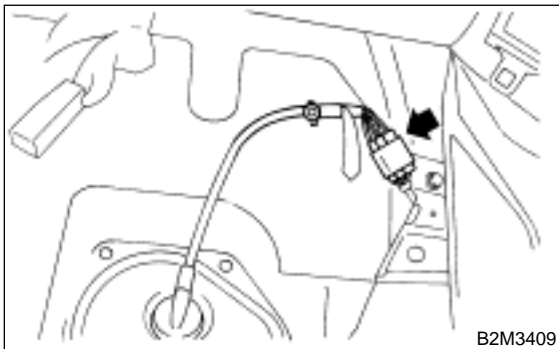
28) Connect connector to fuel sub level sensor.



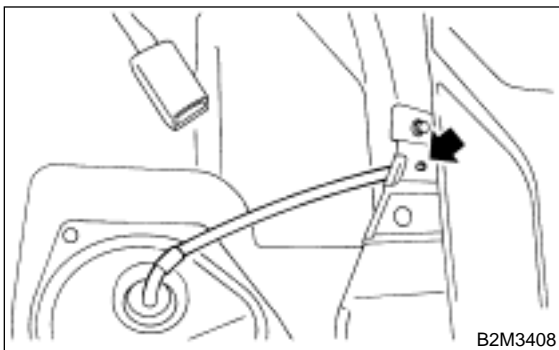
29) Install sub service hole cover.



30) Connect connectors to fuel tank cord and plug service hole with grommet.

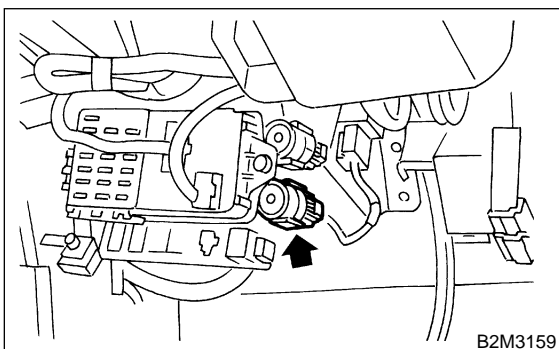


31) Install holder clip which secures fuel tank cord on bracket.



32) Set rear seat and floor mat.

33) Connect connector to fuel pump relay.



34) Bleed air from brake system. (Rear drum brake model only) <Ref. to 4-4 [W1100].>

35) Adjust parking brake lever stroke. <Ref. to 4-4 [W4D2].>

36) Check wheel alignment and adjust if necessary. <Ref. to 4-1 [W100].>