

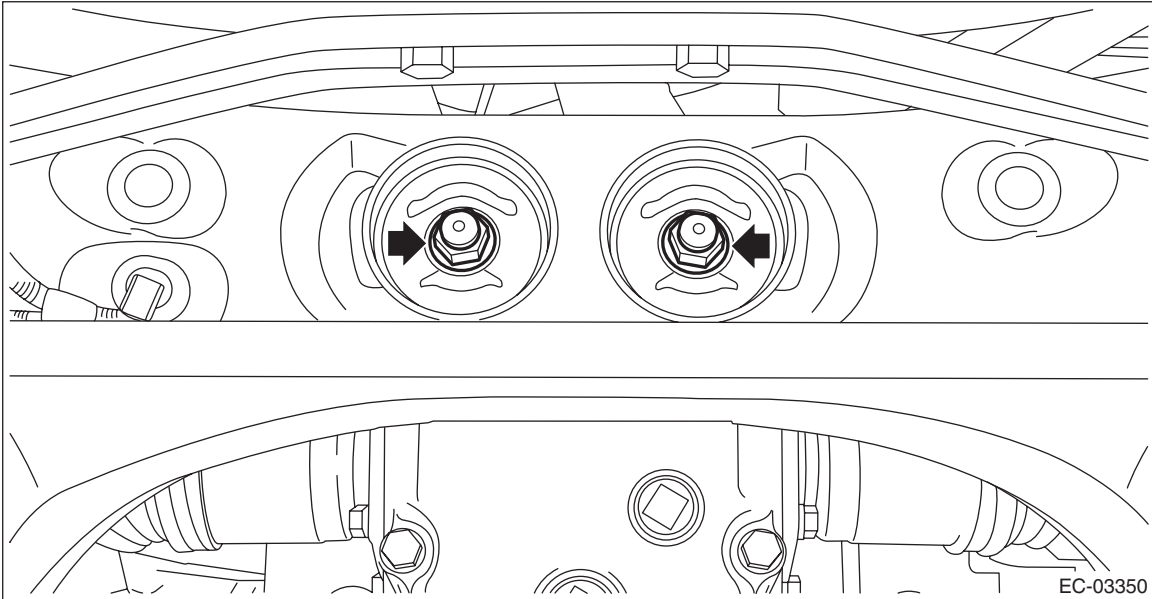
# Canister

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

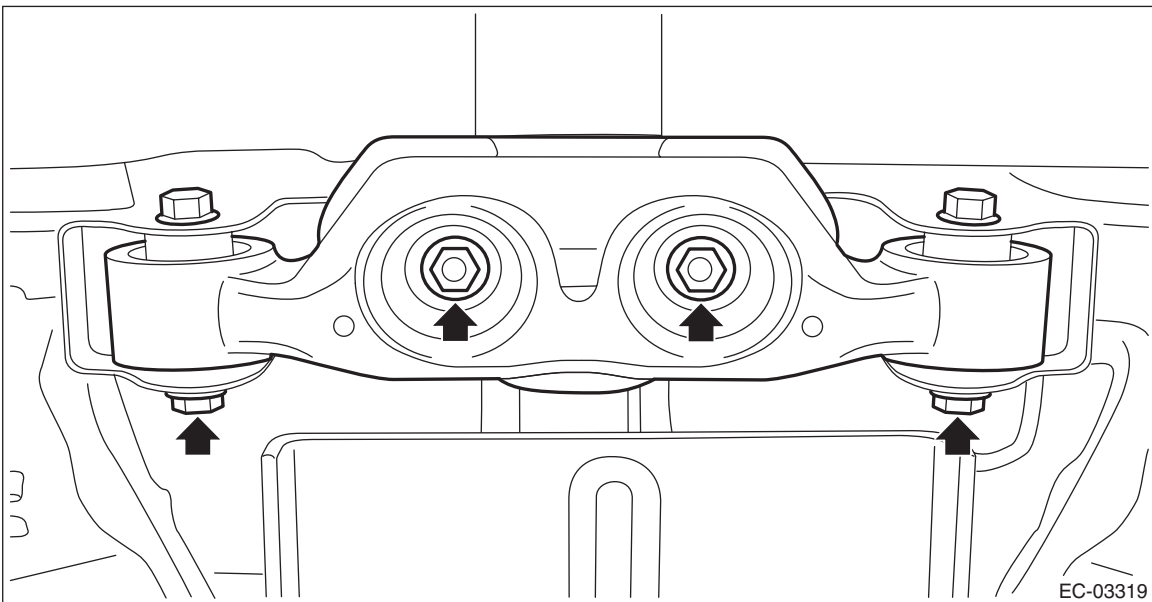
## 4. Canister

### A: REMOVAL

- 1) Remove the rear wheel LH.
- 2) Lift up the vehicle.
- 3) Remove the rear exhaust pipe. <Ref. to EX(H4DO(w/o HEV))-18, REMOVAL, Rear Exhaust Pipe.>
- 4) Remove the propeller shaft. <Ref. to DS-12, REMOVAL, Propeller Shaft.>
- 5) Support the rear differential with the transmission jack.
- 6) Remove the self-locking nuts which hold the rear differential to the rear sub frame assembly.



- 7) Remove the rear differential member from the rear sub frame assembly and the rear differential.



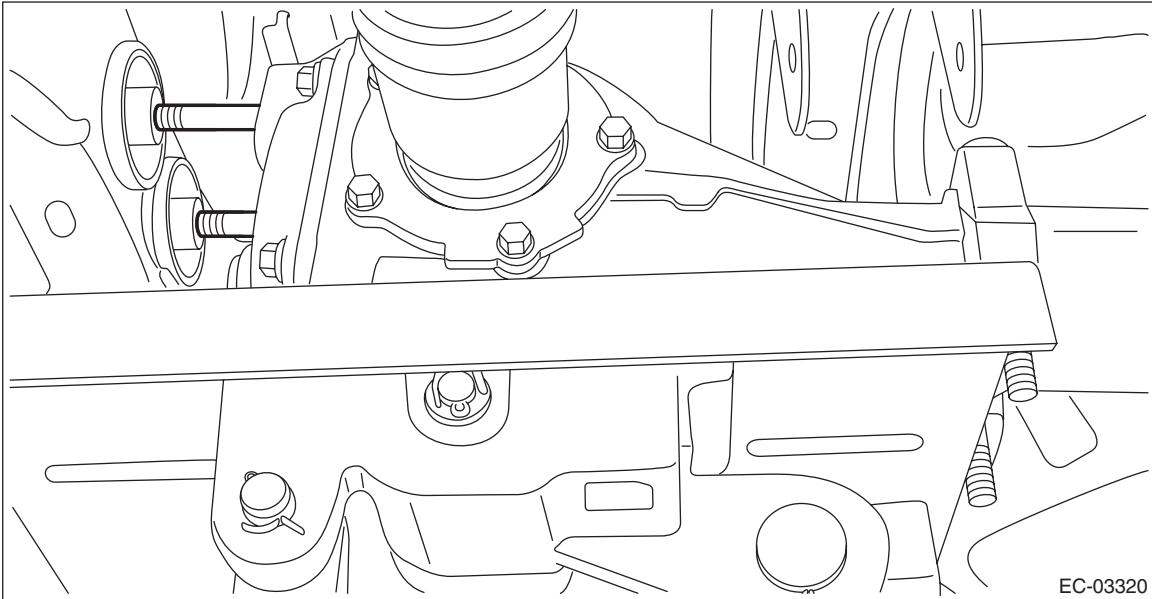
## Canister

### EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

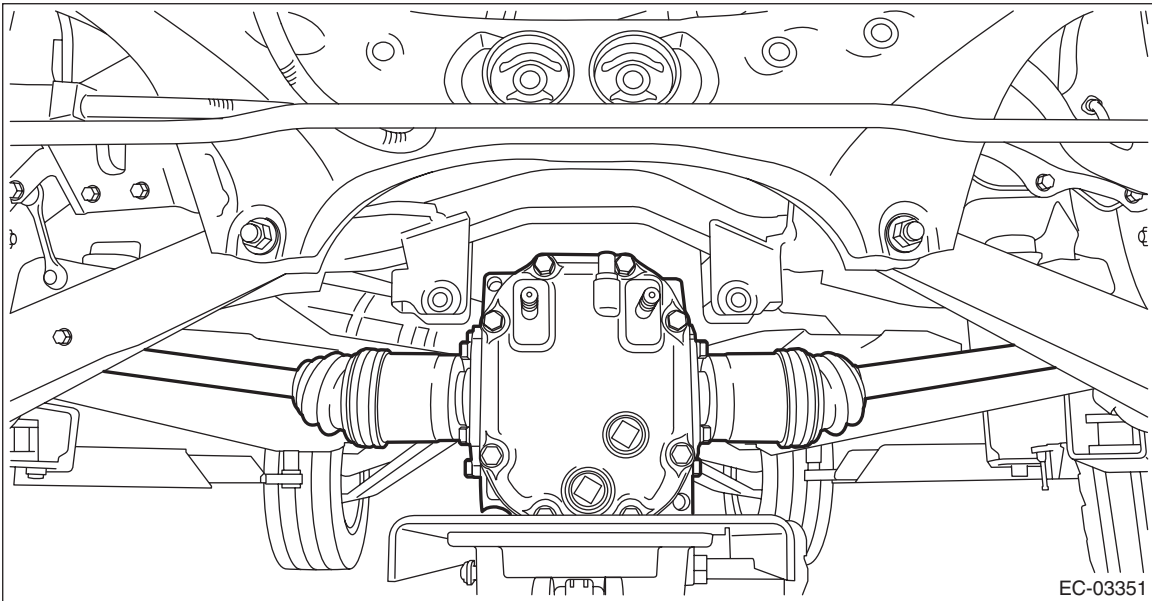
8) Lower the transmission jack gradually until the rear differential is at the position shown in the figure.

**NOTE:**

- When pulling out the stud bolt from the bushing portion of the rear sub frame assembly, adjust the angle and location of transmission jack and jack stand.



- Do not lower the rear differential excessively. Doing so may add extra load to the drive shaft or cause the falling-off of the drive shaft.



## Canister

### EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

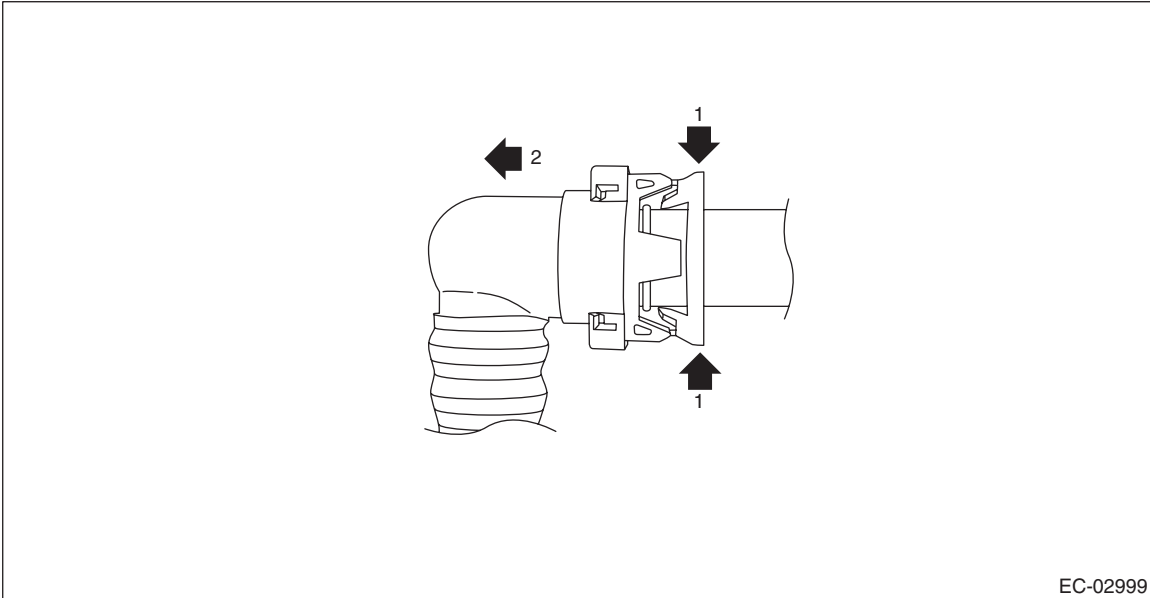
9) Remove the clips from vent tube (A) and purge tube (B).

10) Disconnect the vent tube (A), purge tube (B) and drain tube A (C) from the canister.

#### NOTE:

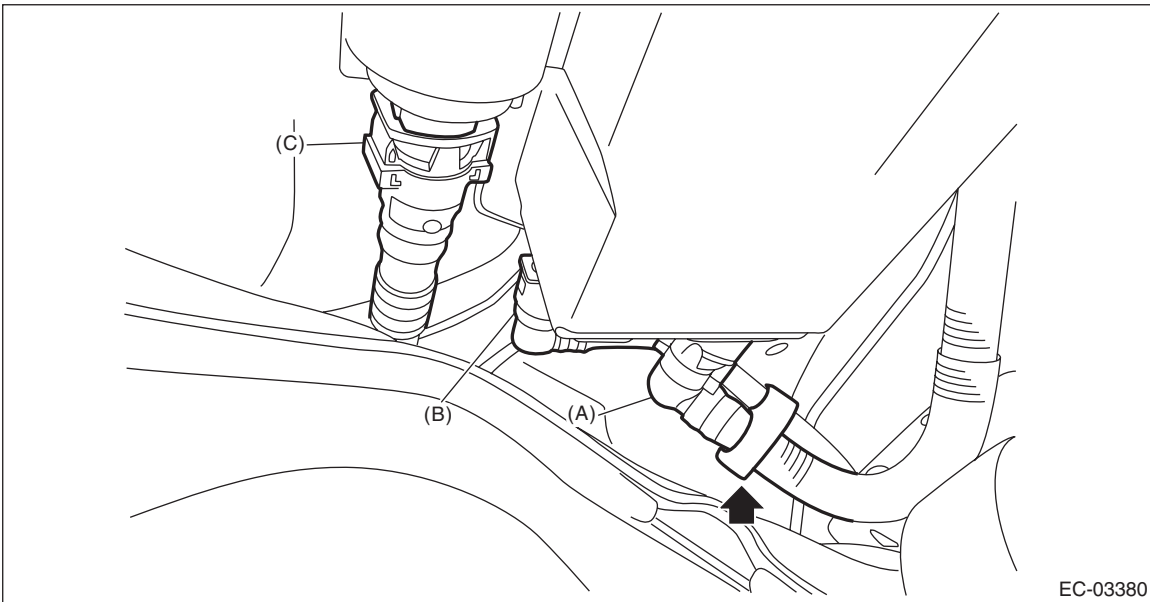
Disconnect the quick connector as shown in the figure.

- Drain tube and vent tube



- Purge tube

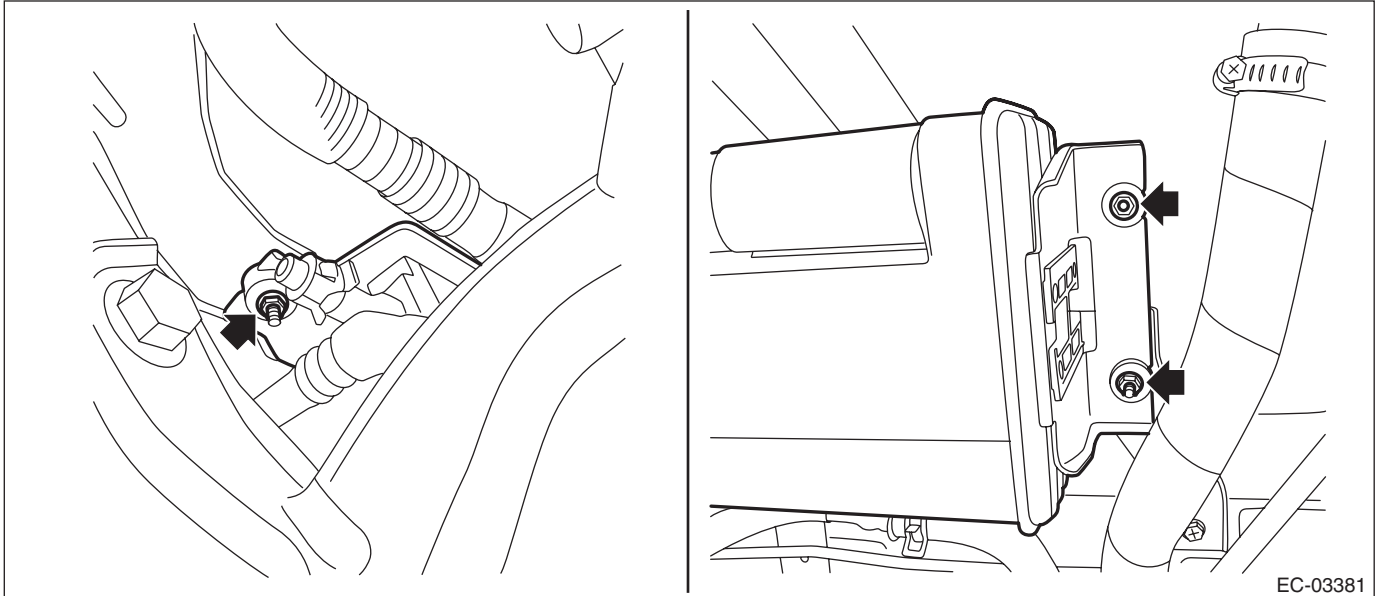
For information about disconnecting the purge tube, refer to “Fuel Delivery and Evaporation Lines”. <Ref. to FU(H4DO(HEV))-149, REMOVAL, Fuel Delivery and Evaporation Lines.>



## Canister

### EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

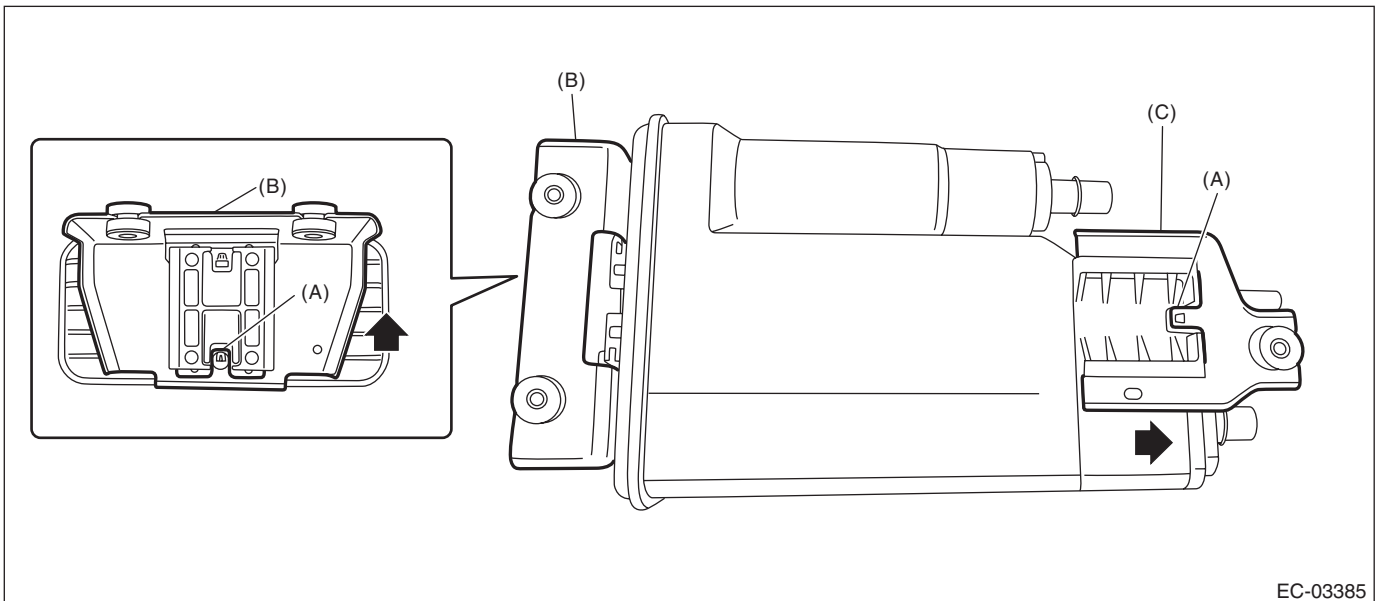
11) Remove the canister assembly from the vehicle and the canister bracket A.



12) Release the claw (A) from the canister, slide it in the direction of the arrow, and remove the canister bracket B (B) and the canister bracket C (C).

#### NOTE:

When removing the canister bracket from the canister, use the new canister and canister bracket to install.

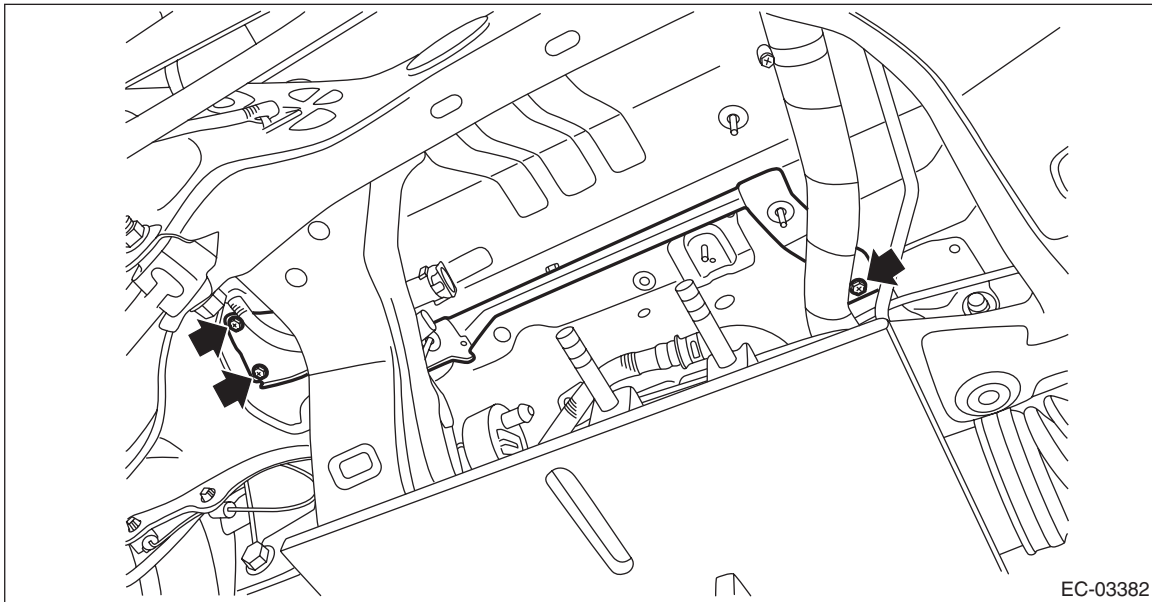


## Canister

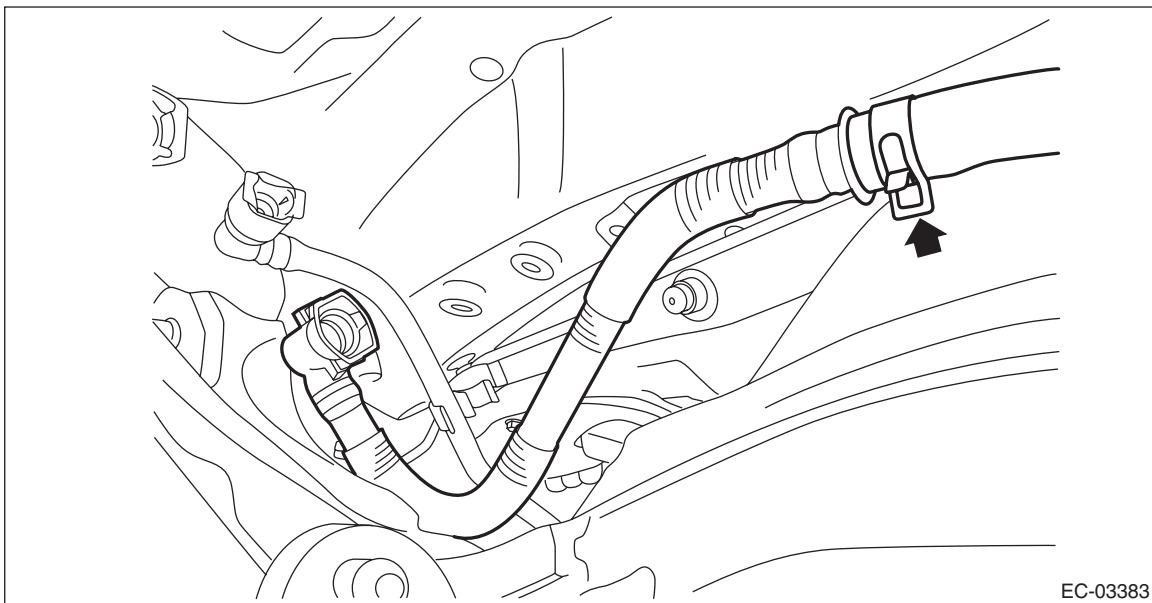
### EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

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13) Remove the canister bracket A from the vehicle.



14) Disconnect the vent tube from the vent hose.



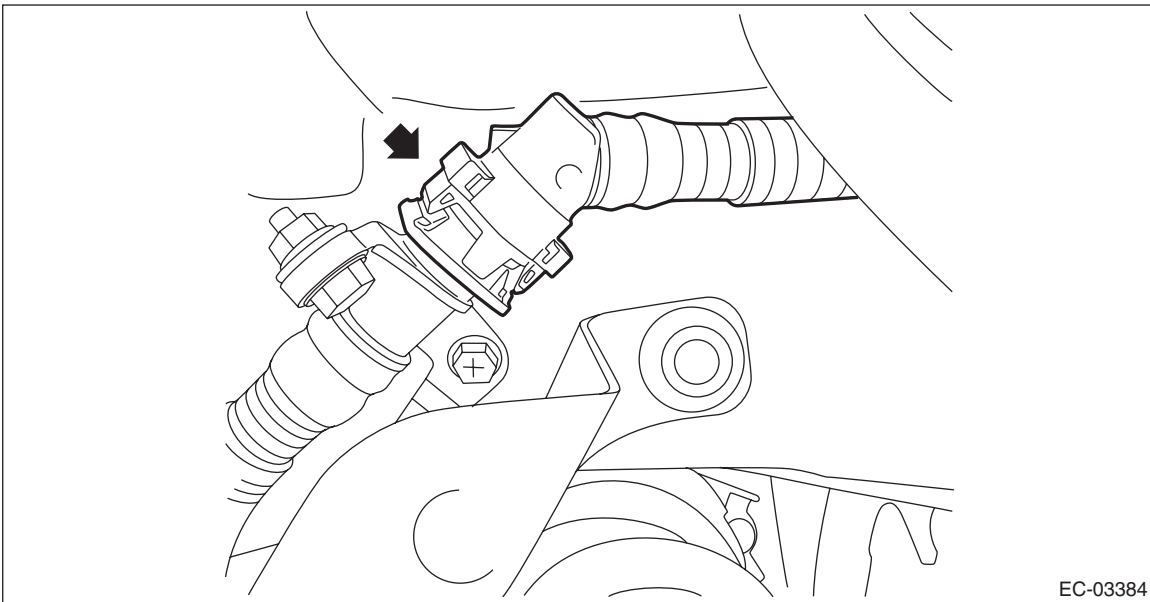
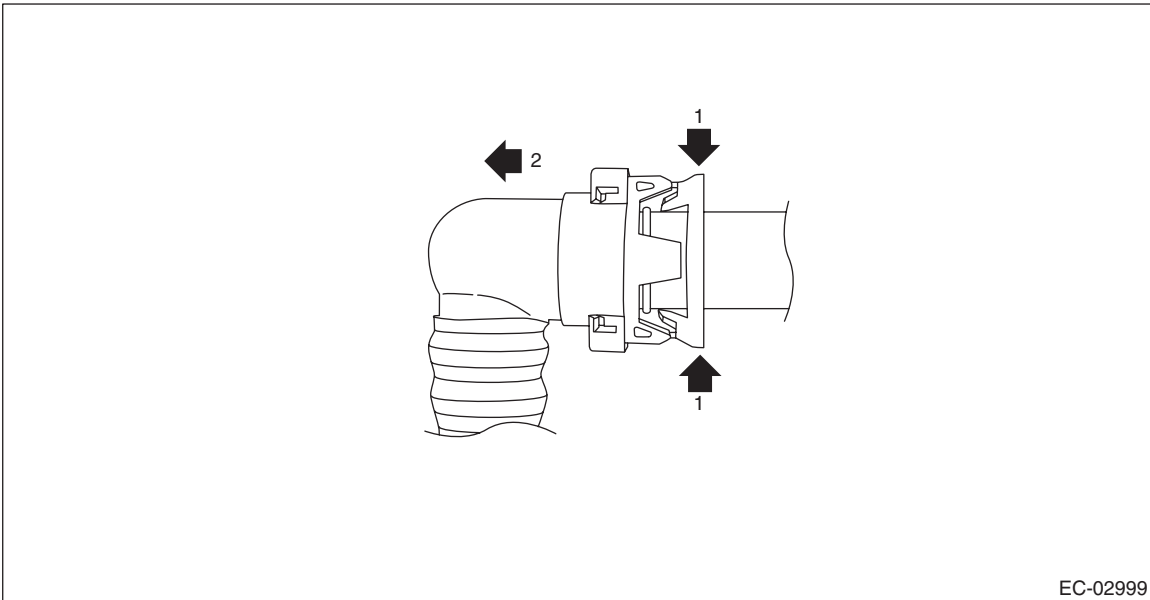
## Canister

### EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

15) Disconnect the drain tube A from the drain tube B.

**NOTE:**

Disconnect the quick connector as shown in the figure.



# Canister

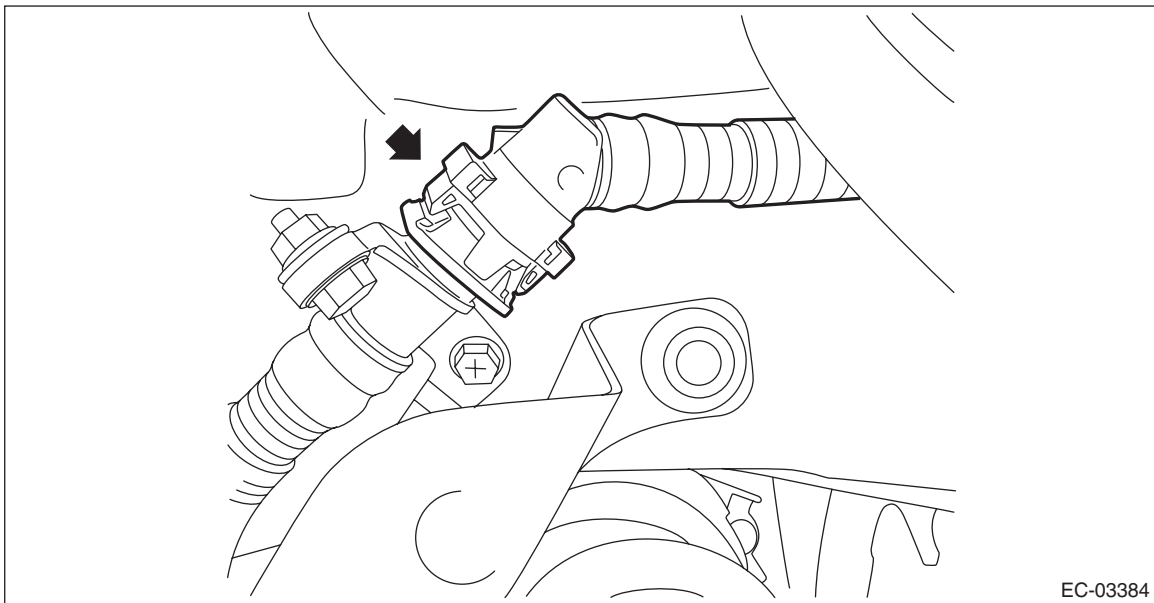
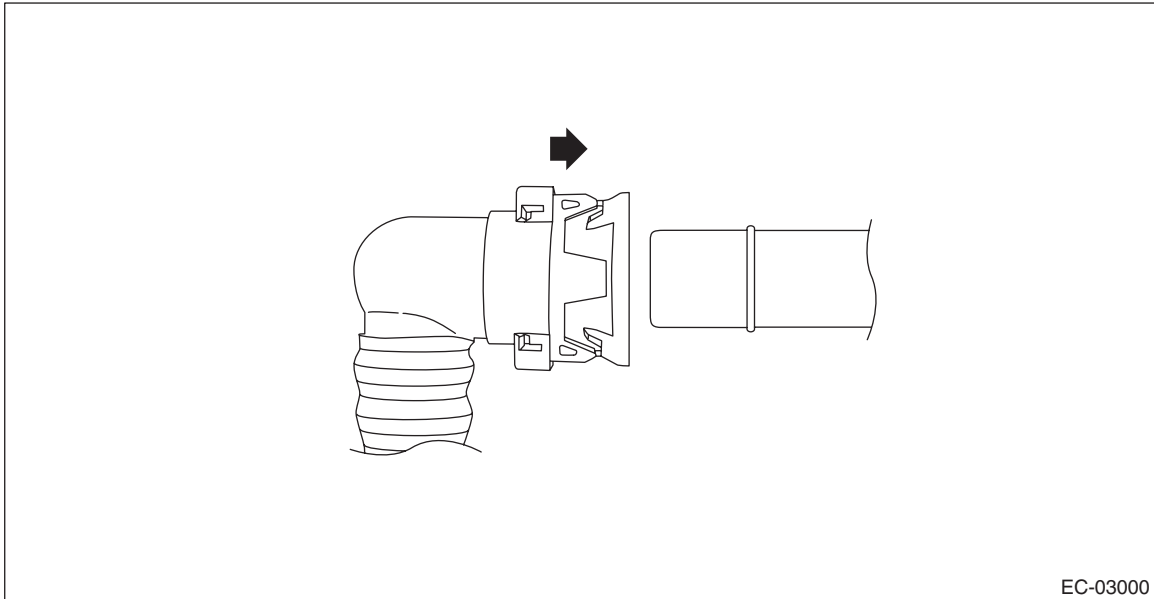
EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

## B: INSTALLATION

1) Connect the drain tube A to the drain tube B.

NOTE:

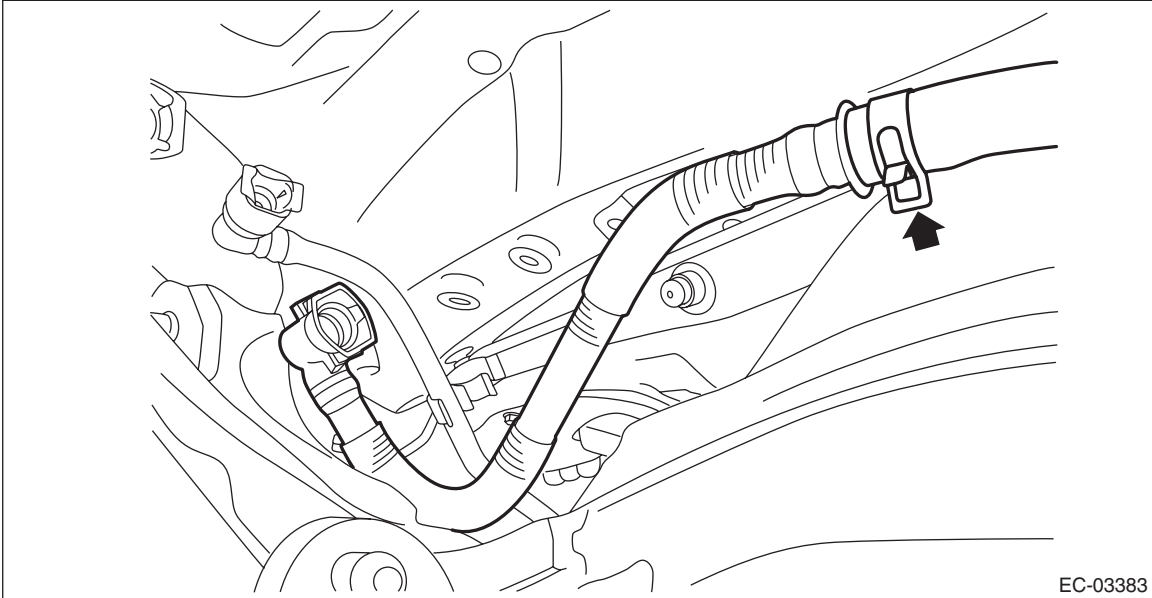
Connect the quick connector as shown in the figure.



## Canister

### EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

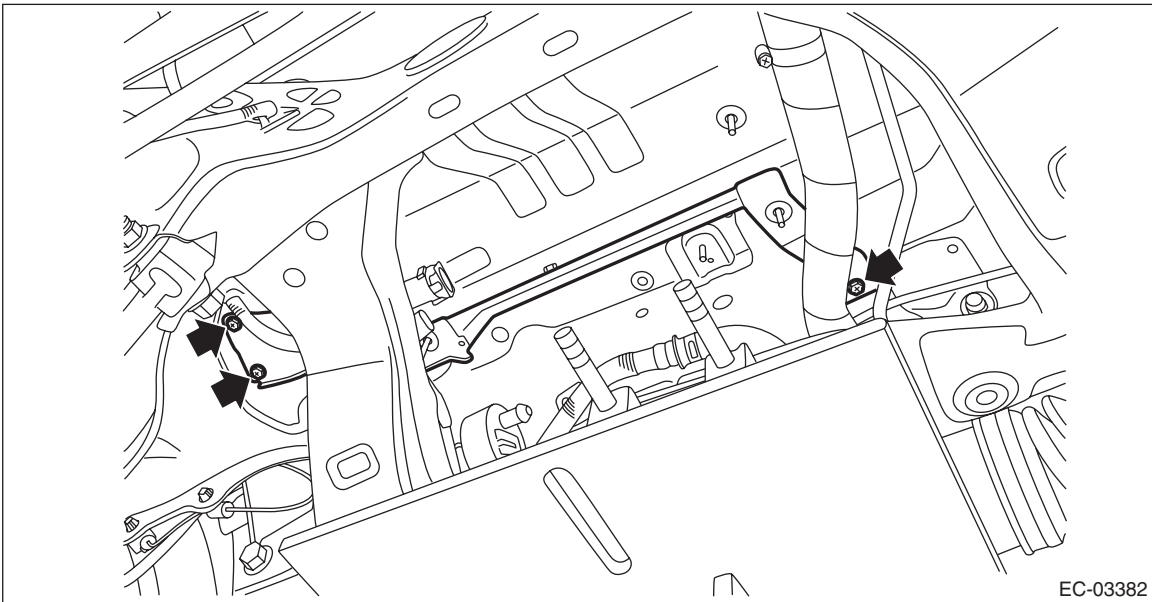
- 2) Connect the vent tube to the vent hose.



- 3) Install the canister bracket A to the vehicle.

**Tightening torque:**

**7.5 N·m (0.8 kgf-m, 5.5 ft-lb)**





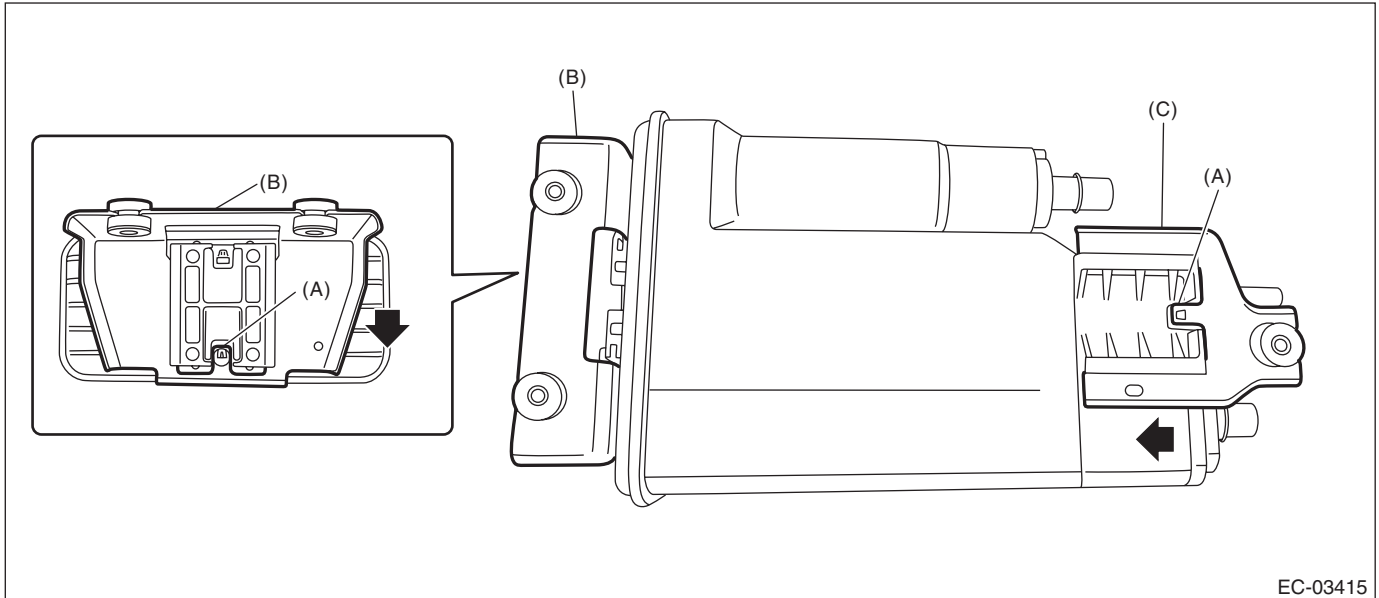
## Canister

### EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

4) Slide in the direction of the arrow, and install the canister bracket B (B) and the canister bracket C (C) to the canister.

**NOTE:**

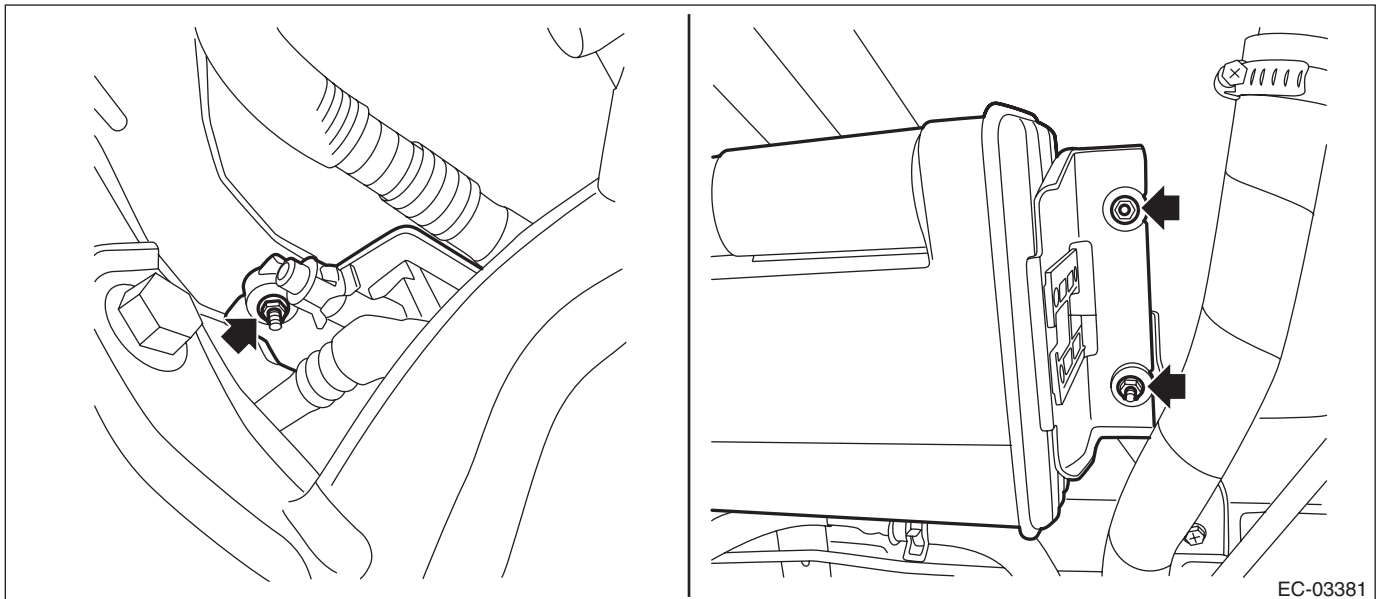
- Use a new canister and canister bracket.
- Check that the claw (A) is firmly secured.



5) Install the canister assembly to the vehicle and the canister bracket A.

**Tightening torque:**

**7.5 N·m (0.8 kgf-m, 5.5 ft-lb)**



## Canister

### EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

6) Connect the vent tube (A), purge tube (B), and drain tube (C) to the canister.

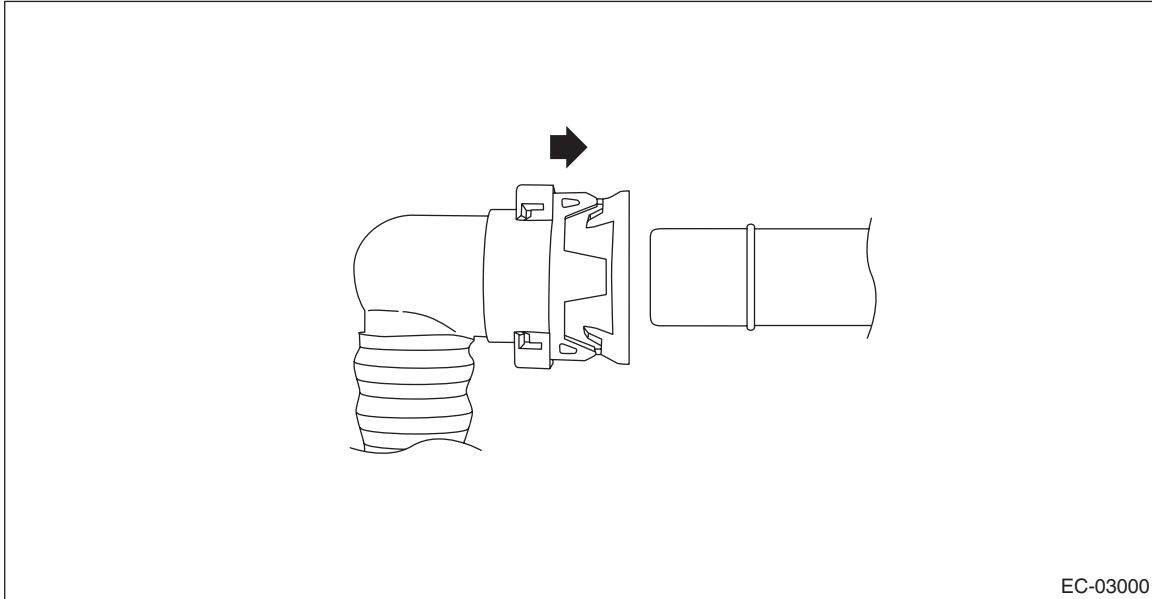
#### CAUTION:

- Check that there is no damage or dust on the quick connector. If necessary, clean the seal surface of the pipe.
- Make sure that the quick connector is securely connected.

#### NOTE:

Install the quick connector as shown in the figure.

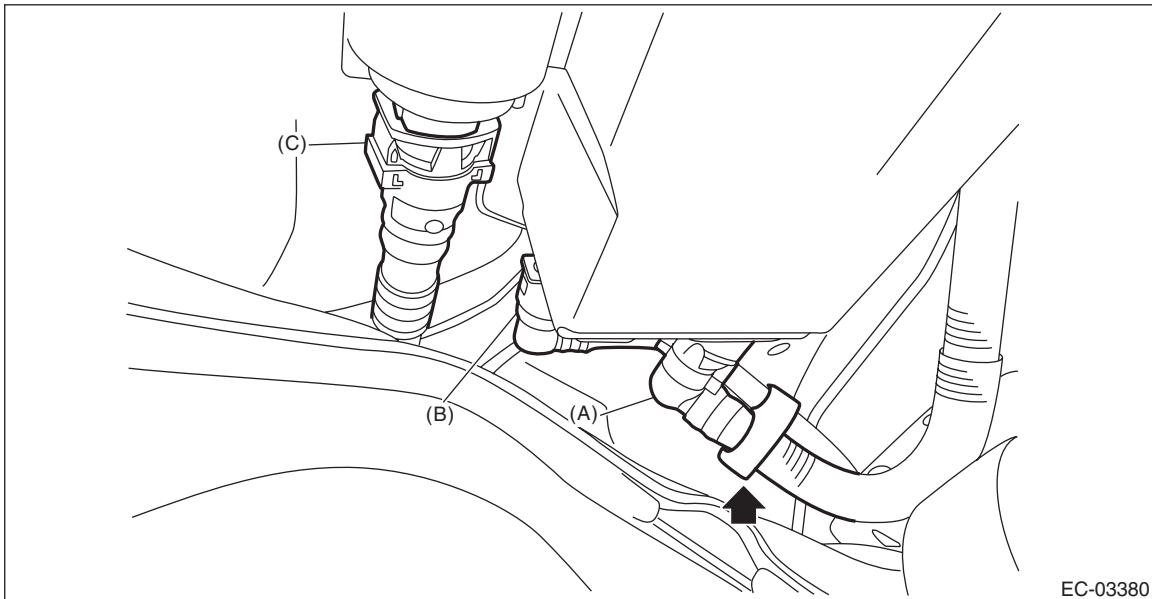
- Drain tube and vent tube



- Purge tube

For information about connecting the purge tube, refer to “Fuel Delivery and Evaporation Lines”. <Ref. to FU(H4DO(HEV))-155, CONNECTION OF QUICK CONNECTOR OF PURGE TUBE (CANISTER SIDE), INSTALLATION, Fuel Delivery and Evaporation Lines.>

7) Install the clips to the vent tube (A) and purge tube (B).



## Canister

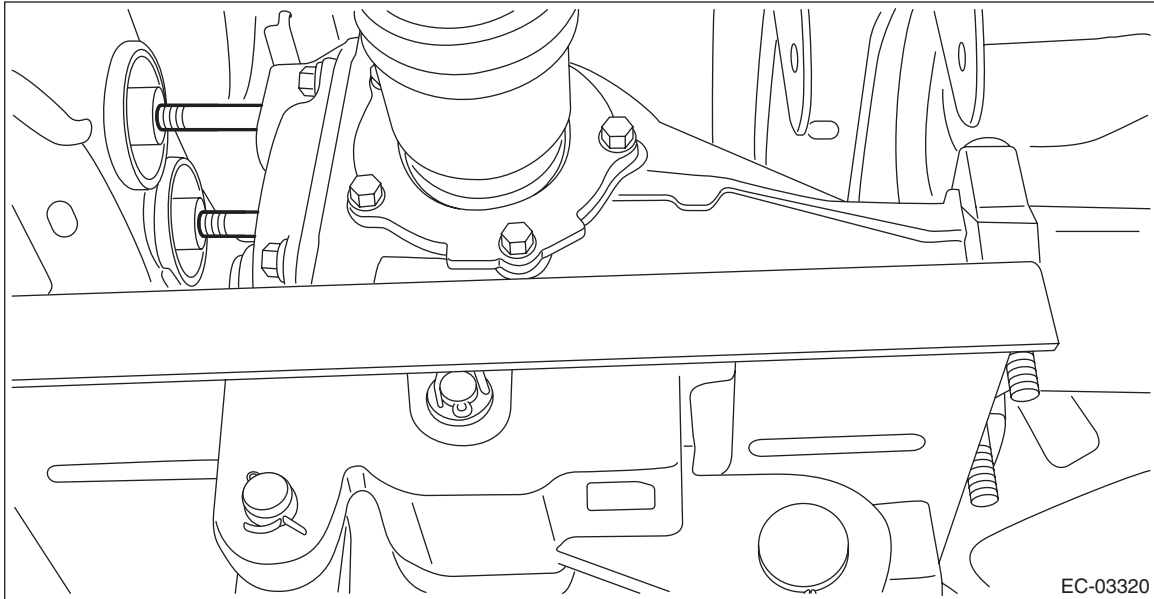
### EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

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8) Lift up the transmission jack gradually, and set the rear differential to the rear sub frame assembly.

**NOTE:**

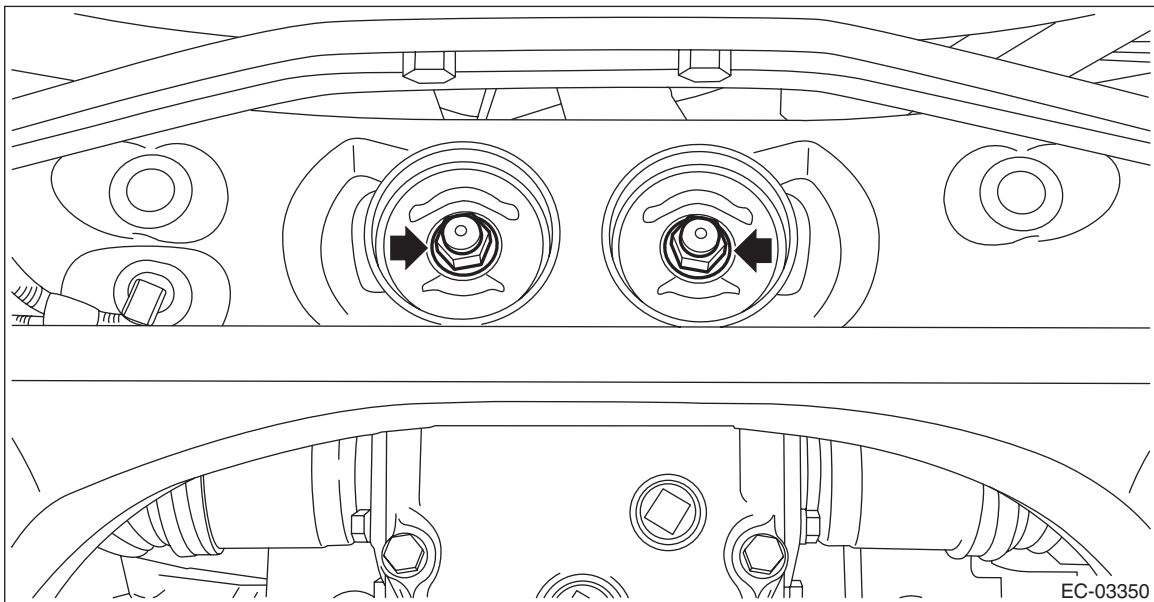
When inserting the stud bolt into the bushing portion of the rear sub frame assembly, adjust the angle and location of transmission jack and jack stand.



9) Temporarily tighten the self-locking nuts which hold the rear differential to the rear sub frame assembly.

**NOTE:**

Use a new self-locking nut.



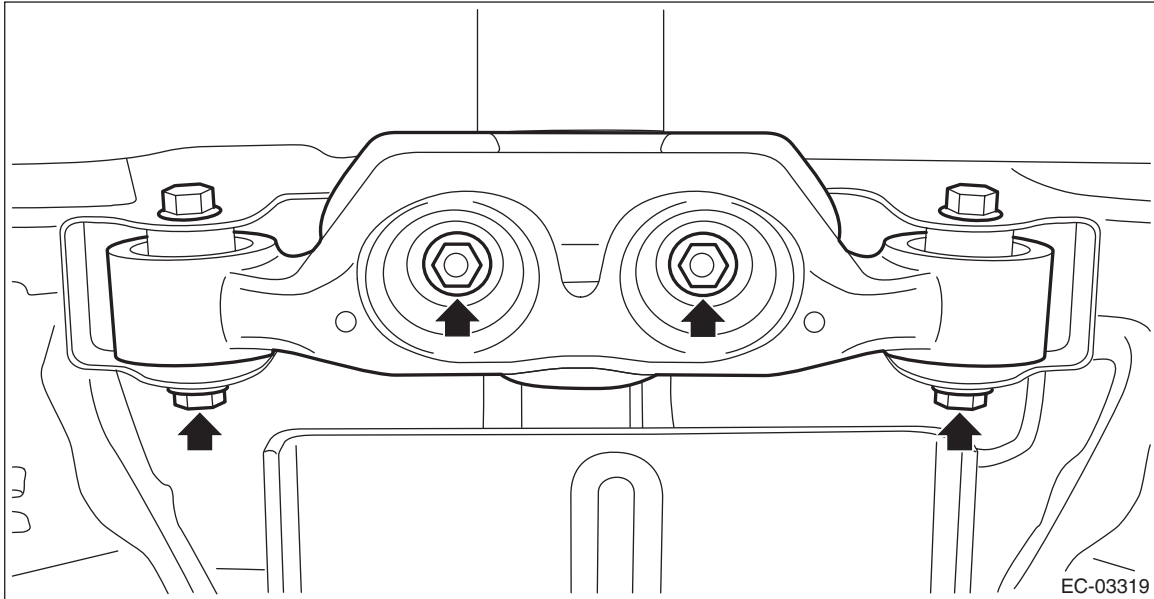
## Canister

### EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

10) Set the rear differential member to the rear sub frame assembly and rear differential, and temporarily tighten the self-lock nuts which secure the rear differential member to the rear sub frame assembly and rear differential.

**NOTE:**

Use a new self-locking nut.



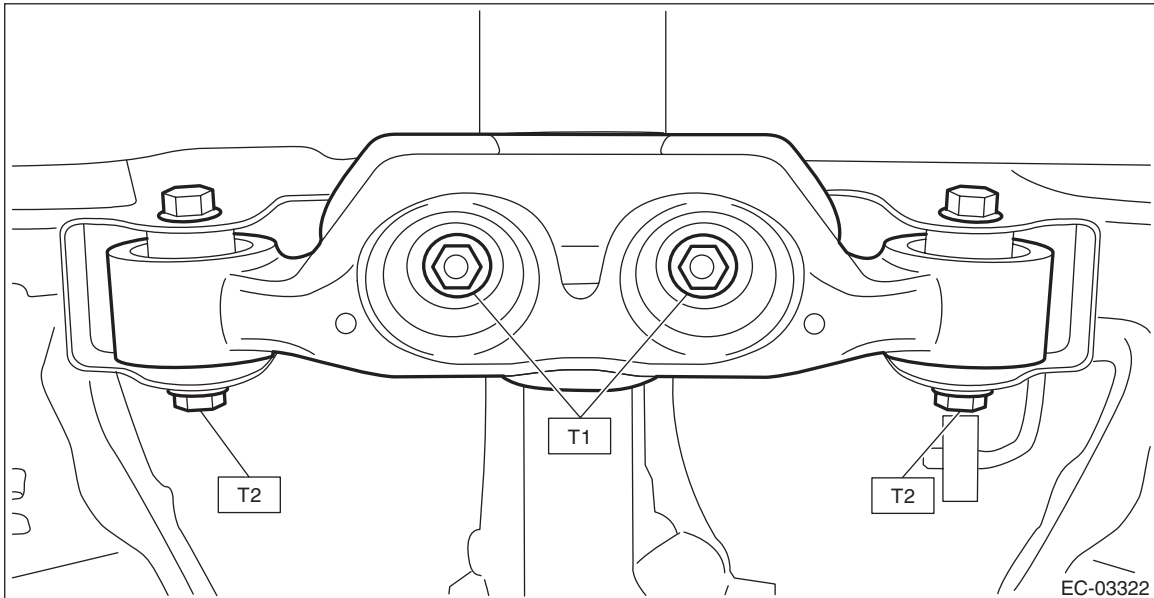
11) Remove the transmission jack from the rear differential.

12) Tighten the self-locking nuts which secure the rear differential member to the rear sub frame assembly and rear differential.

**Tightening torque:**

**T1: 50 N·m (5.1 kgf-m, 36.9 ft-lb)**

**T2: 110 N·m (11.2 kgf-m, 81.1 ft-lb)**



## Canister

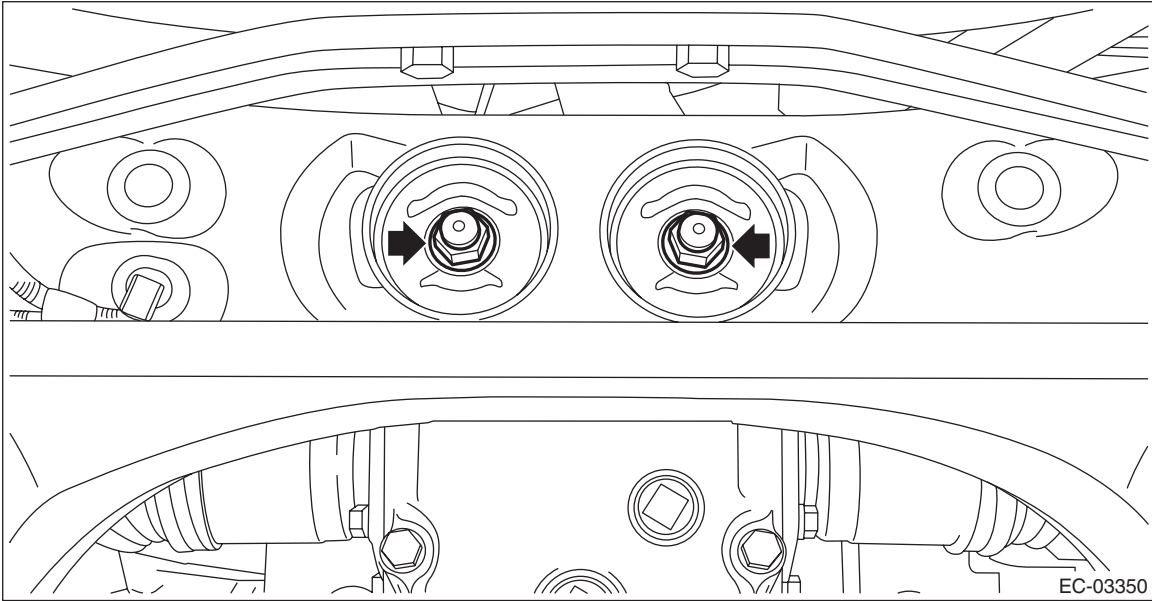
### EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

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13) Tighten the self-locking nuts which secure the rear differential to the rear sub frame assembly.

**Tightening torque:**

**70 N·m (7.1 kgf-m, 51.6 ft-lb)**



14) Install the propeller shaft. <Ref. to DS-13, INSTALLATION, Propeller Shaft.>

15) Install the rear exhaust pipe. <Ref. to EX(H4DO(w/o HEV))-20, INSTALLATION, Rear Exhaust Pipe.>

16) Lower the vehicle.

## C: INSPECTION

- 1) Check that the canister has no deformation, cracks or other damages.
- 2) Check that the tube has no cracks, damage or loose part.