

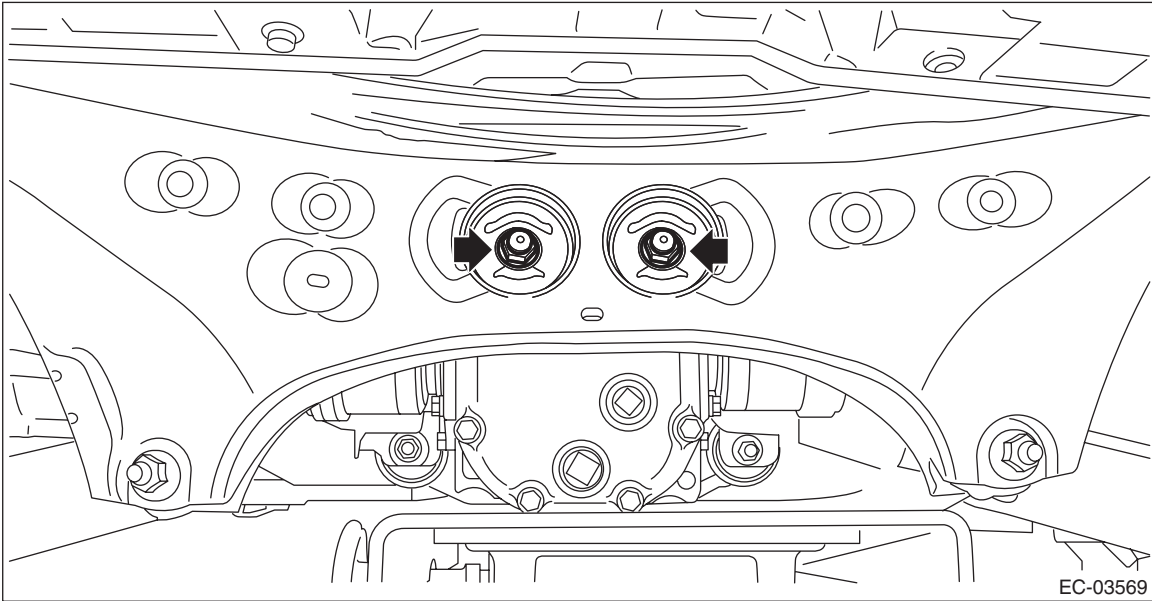
Canister

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

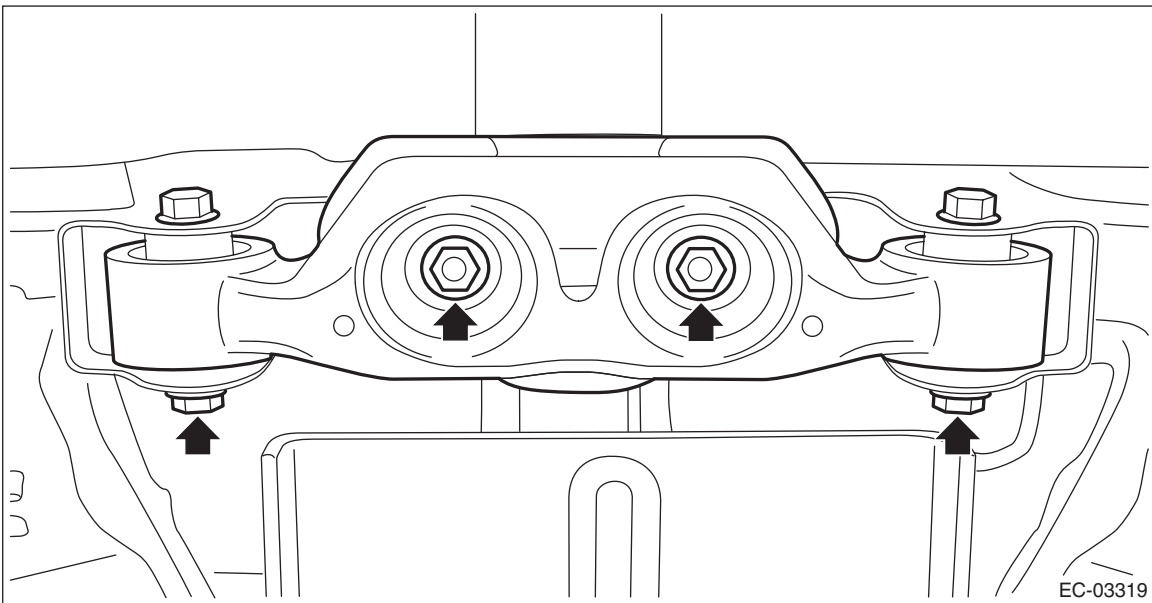
4. Canister

A: REMOVAL

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



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



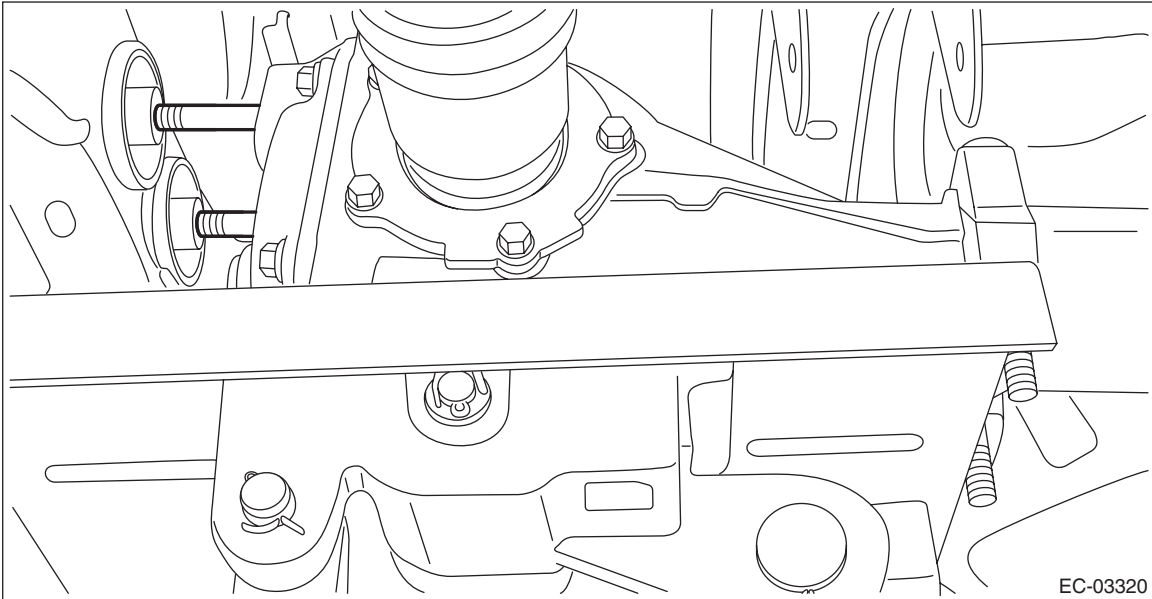
Canister

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

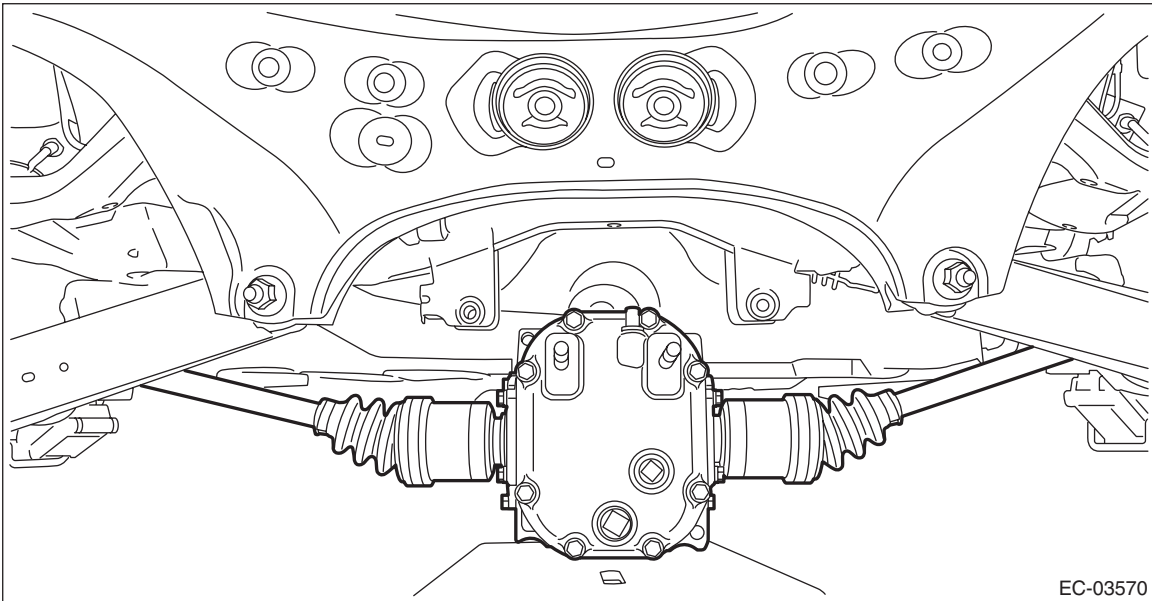
7) Lower the transmission jack gradually until the rear differential is at the position shown in the figure.

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.



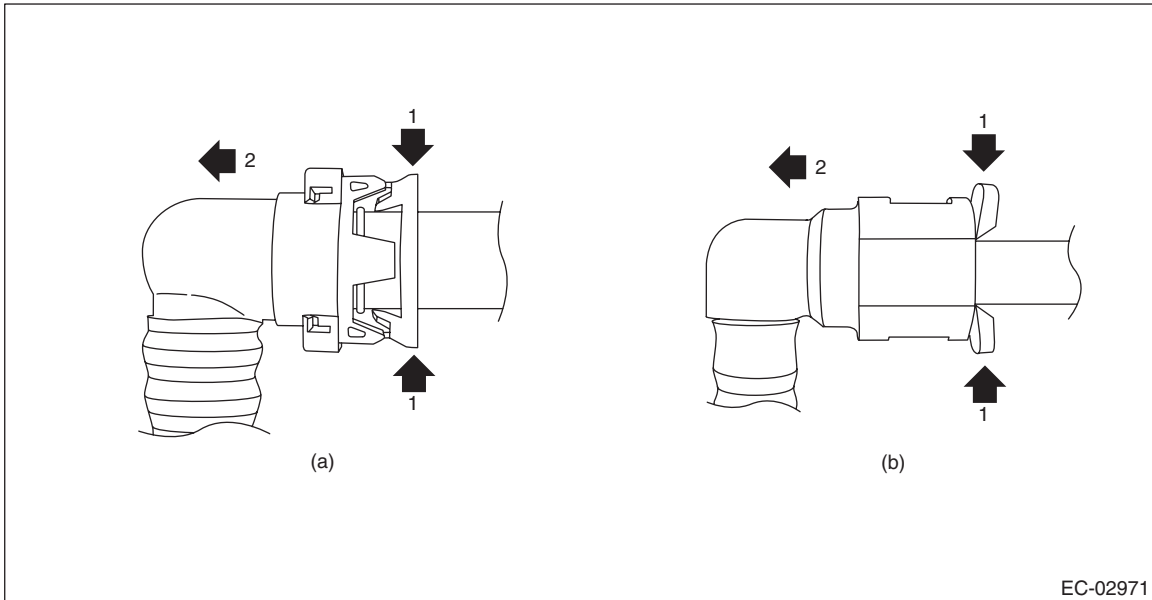
Canister

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

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

NOTE:

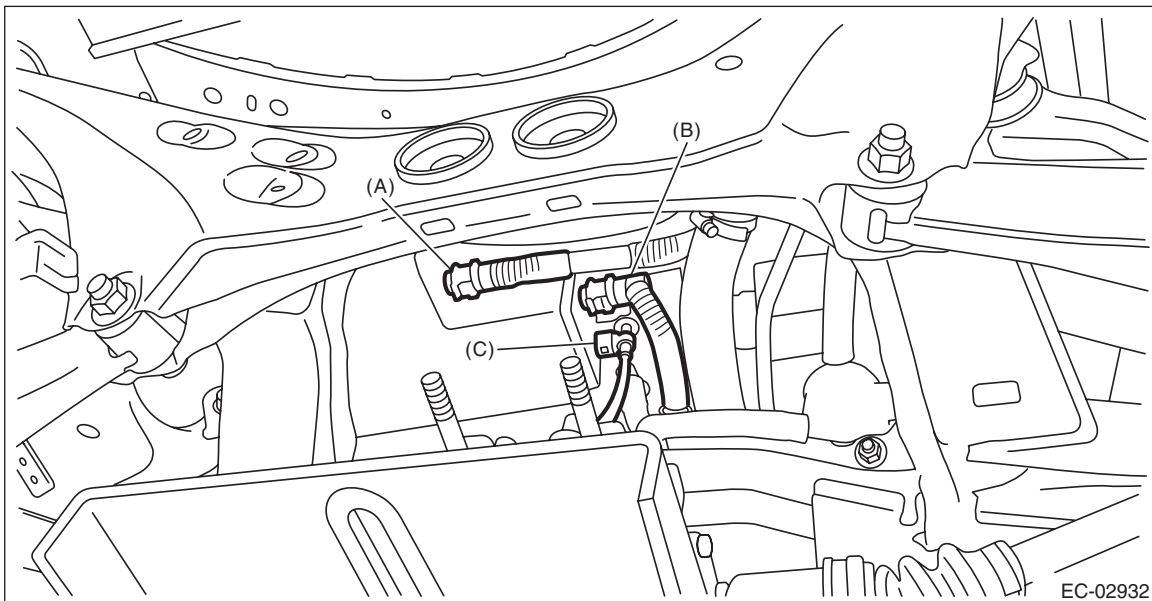
Disconnect the quick connector as shown in the figure.



EC-02971

(a) Drain tube and vent tube

(b) Purge tube

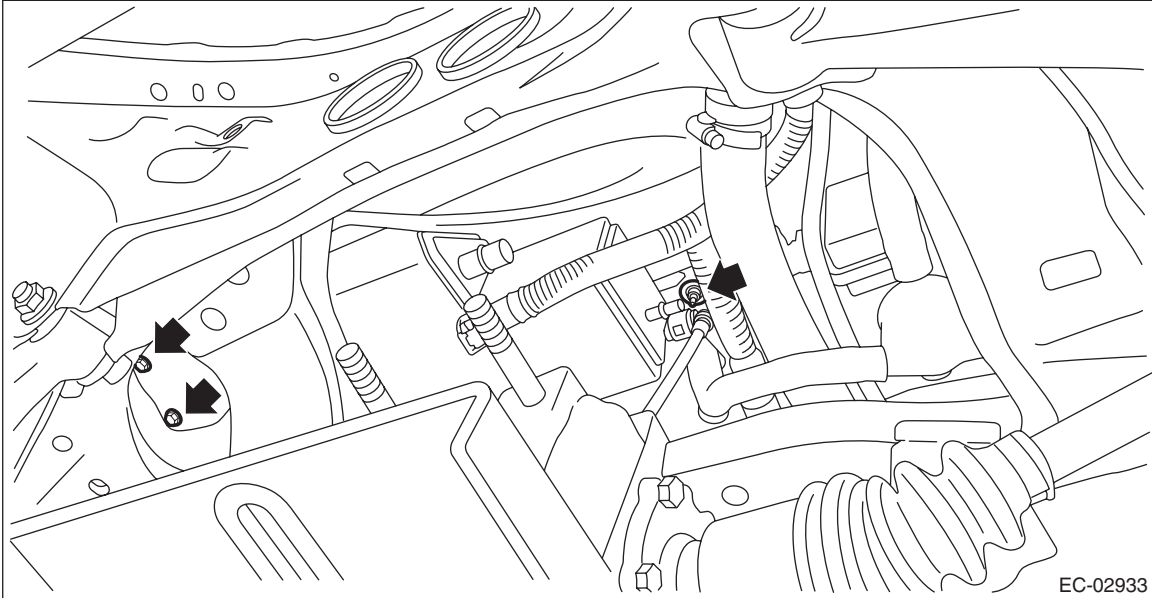


EC-02932

Canister

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

- 9) Remove the bolts and nuts securing the canister to the vehicle, and remove the canister.

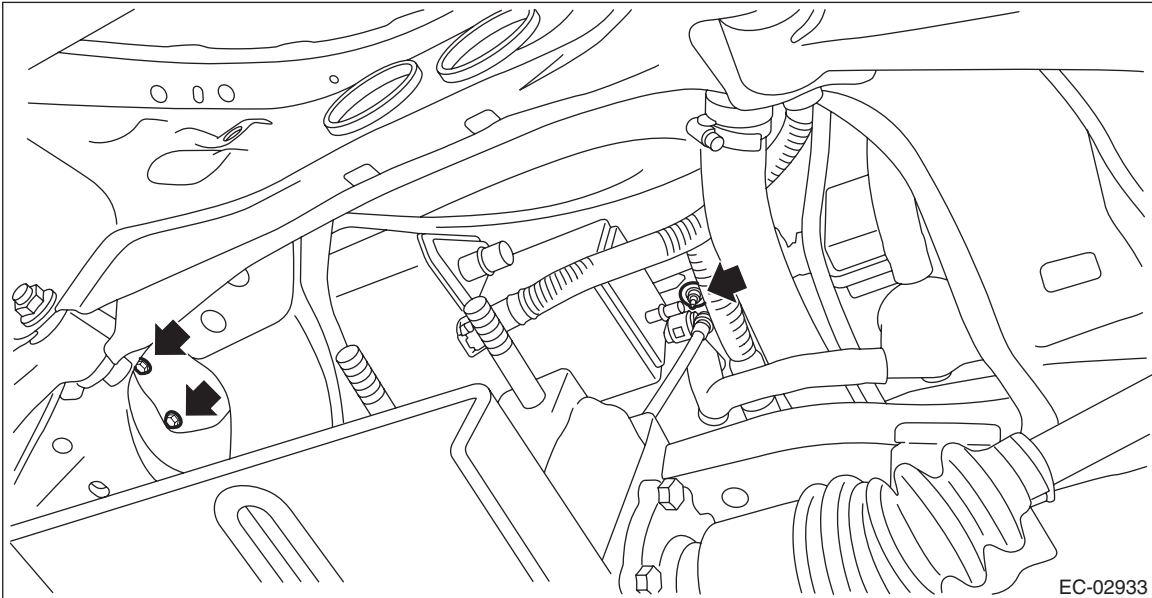


B: INSTALLATION

- 1) Install the canister to the vehicle using bolts and nuts.

Tightening torque:

7.5 N·m (0.8 kgf-m, 5.5 ft-lb)



Canister

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

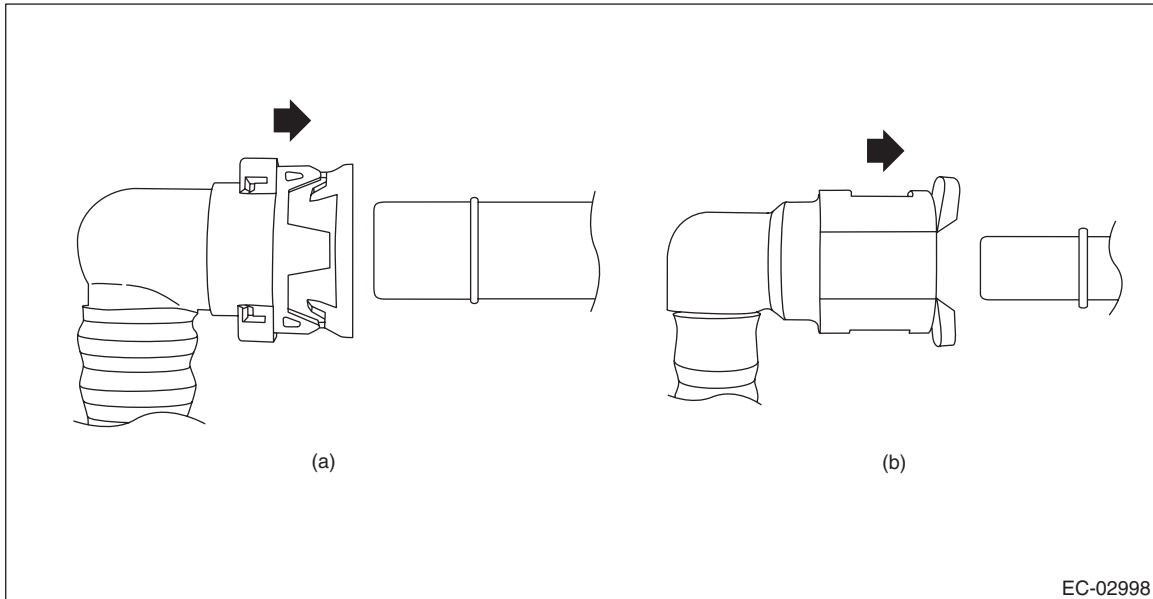
2) Install the drain tube (A), vent tube (B) and purge tube (C) to the canister.

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.

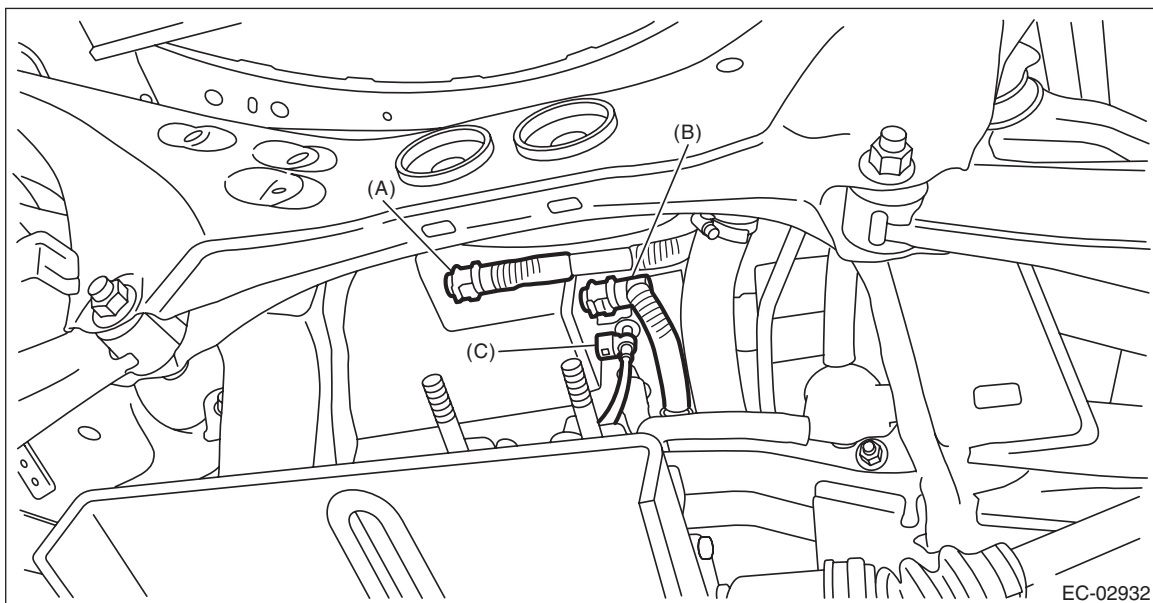
NOTE:

Install the quick connector as shown in the figure.



(a) Drain tube and vent tube

(b) Purge tube



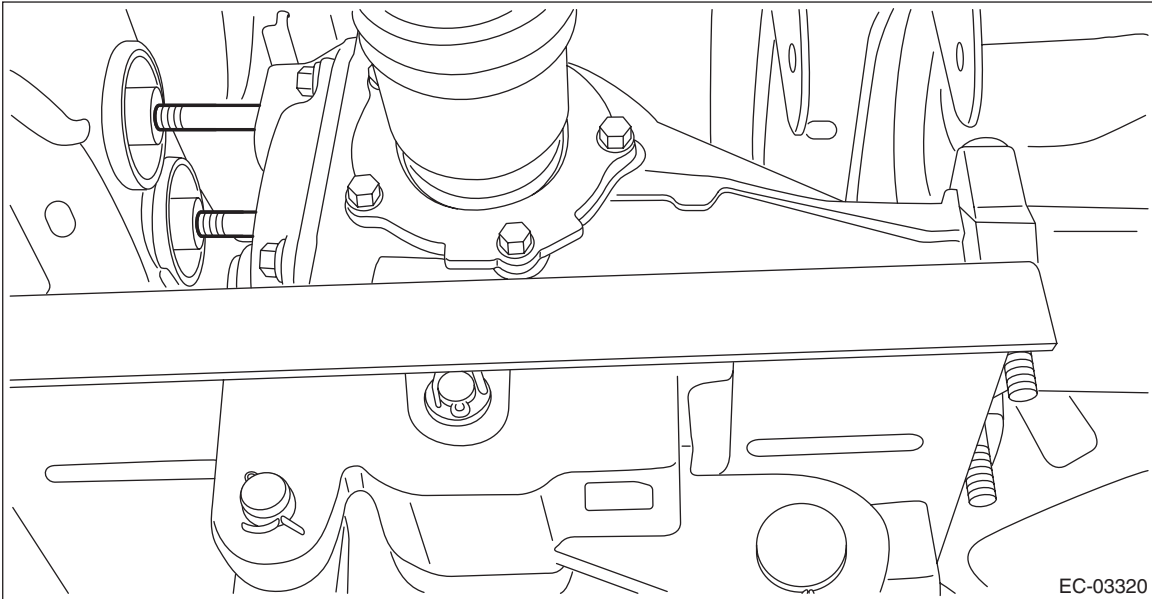
Canister

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

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

NOTE:

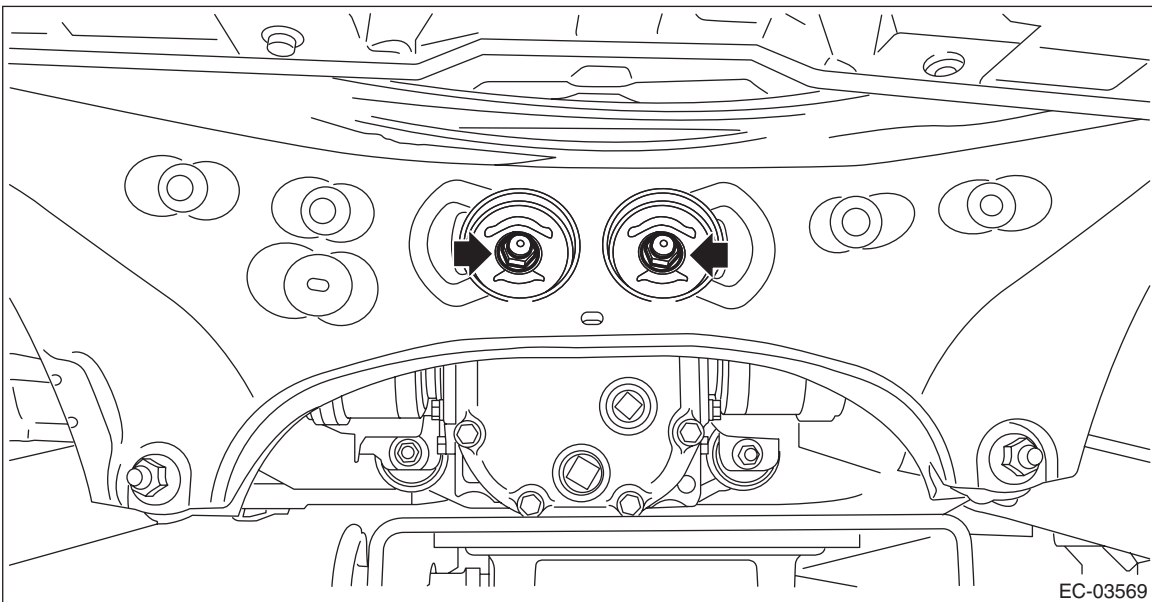
When inserting the stud bolt into the bushing portion of the rear sub frame assembly, adjust the angle and location of transmission jack and jack stand.



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

NOTE:

Use a new self-locking nut.



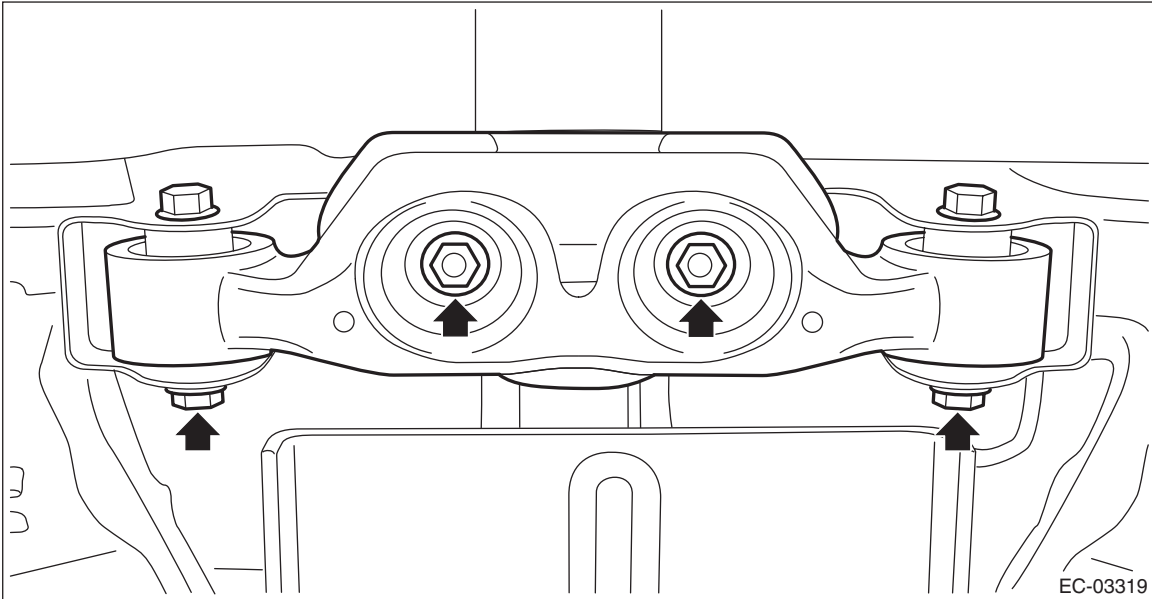
Canister

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

5) 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.



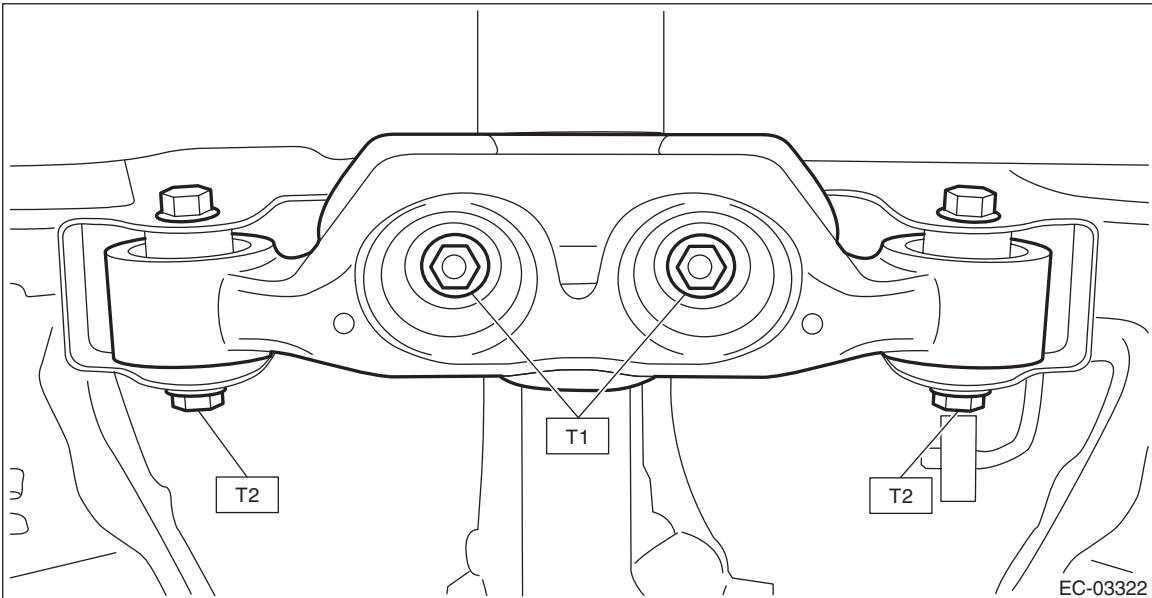
6) Remove the transmission jack from the rear differential.

7) 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)



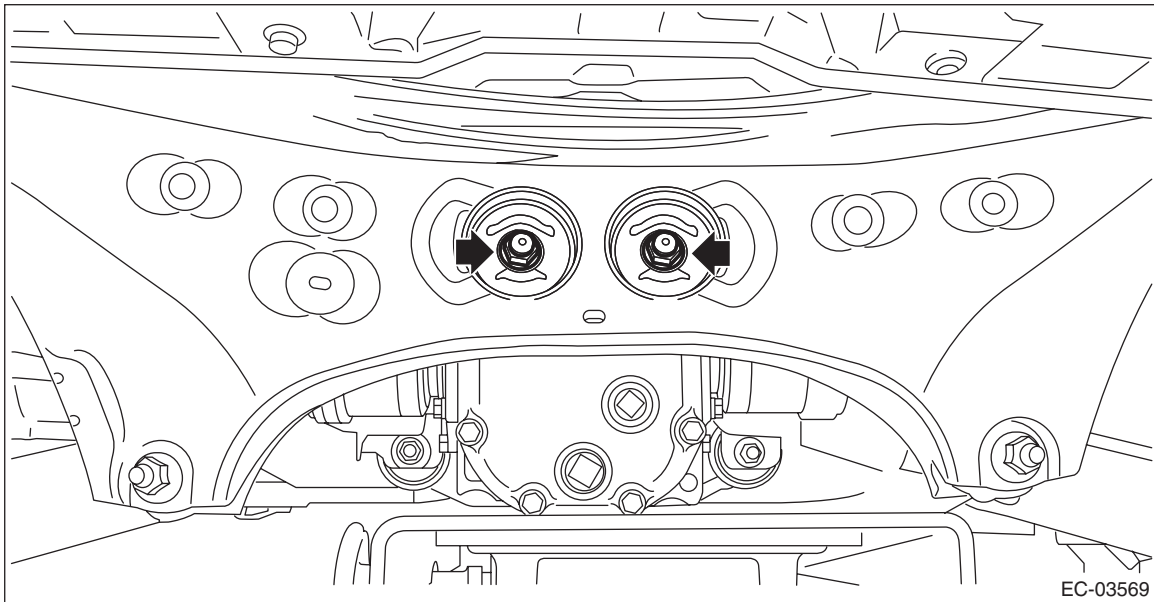
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EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

- 8) 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)



- 9) Install the propeller shaft. <Ref. to DS-13, INSTALLATION, Propeller Shaft.>
10) Install the rear exhaust pipe. <Ref. to EX(H4DO(w/o HEV))-20, INSTALLATION, Rear Exhaust Pipe.>
11) 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.