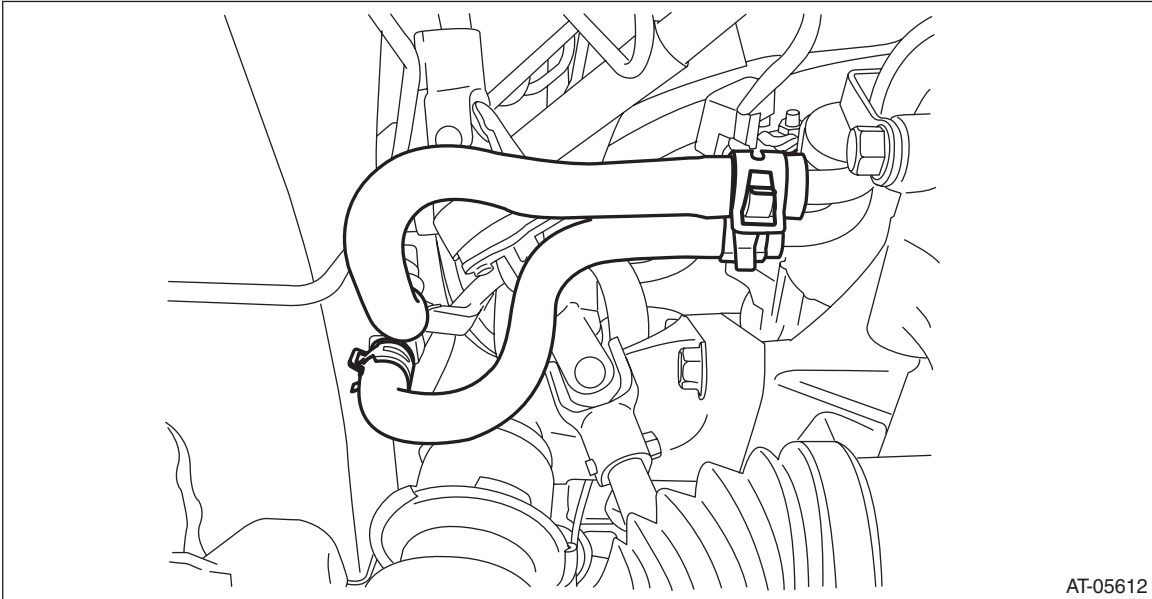


## 23.CVTF Cooler Pipe and Hose

### A: REMOVAL

#### CAUTION:

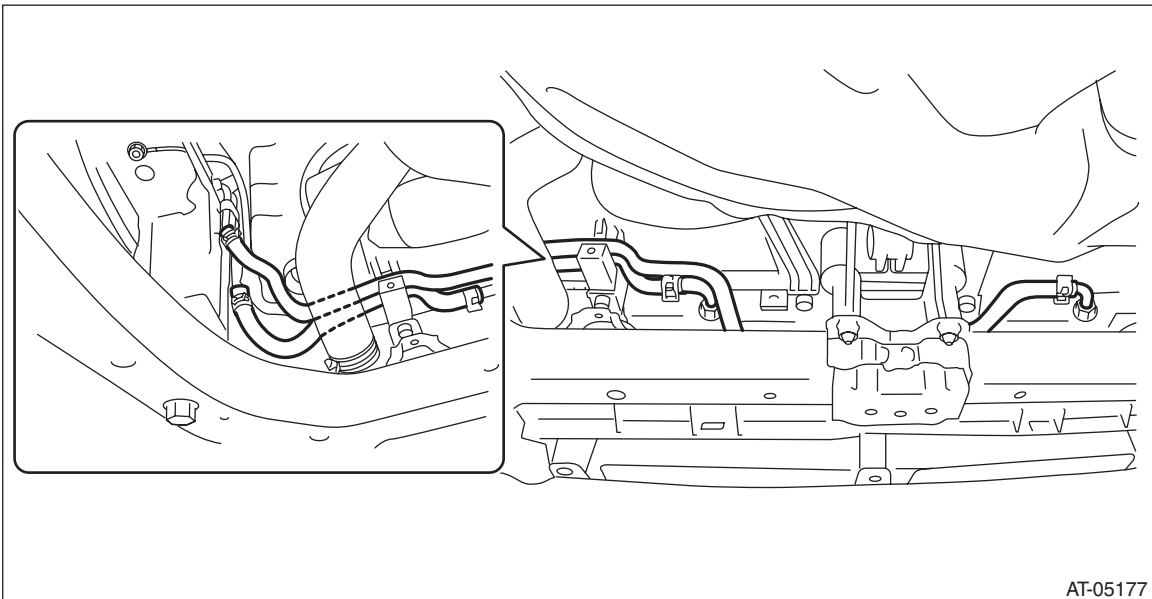
- Immediately after the vehicle has been running or after idling for a long time, the CVTF will be hot. Be careful not to burn yourself.
  - If the CVTF is spilt over exhaust pipe, wipe it off with cloth to avoid emitting smoke or causing a fire.
  - When removing the CVTF cooler pipe assembly on vehicle side, be careful not to bend the A/C pipe.
- 1) Lift up the vehicle.
  - 2) Remove the under cover.
  - 3) Remove the CVTF inlet hose and CVTF outlet hose.



- 4) Lift up the vehicle.
- 5) Remove the inlet hose and outlet hose on radiator side.

#### CAUTION:

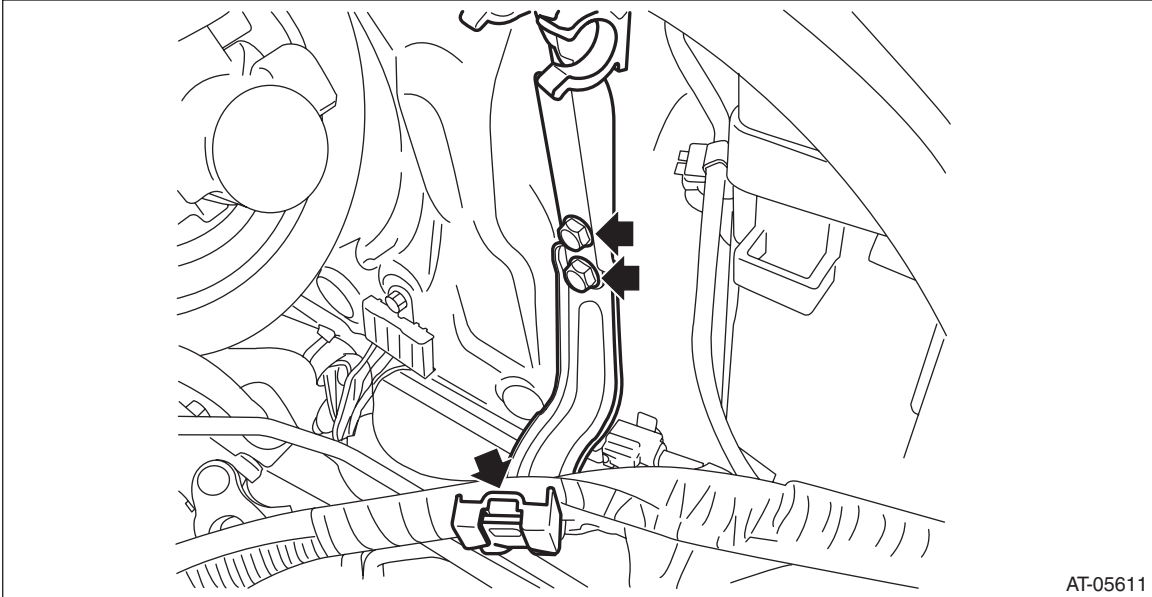
Do not use a screwdriver or other pointed tools.



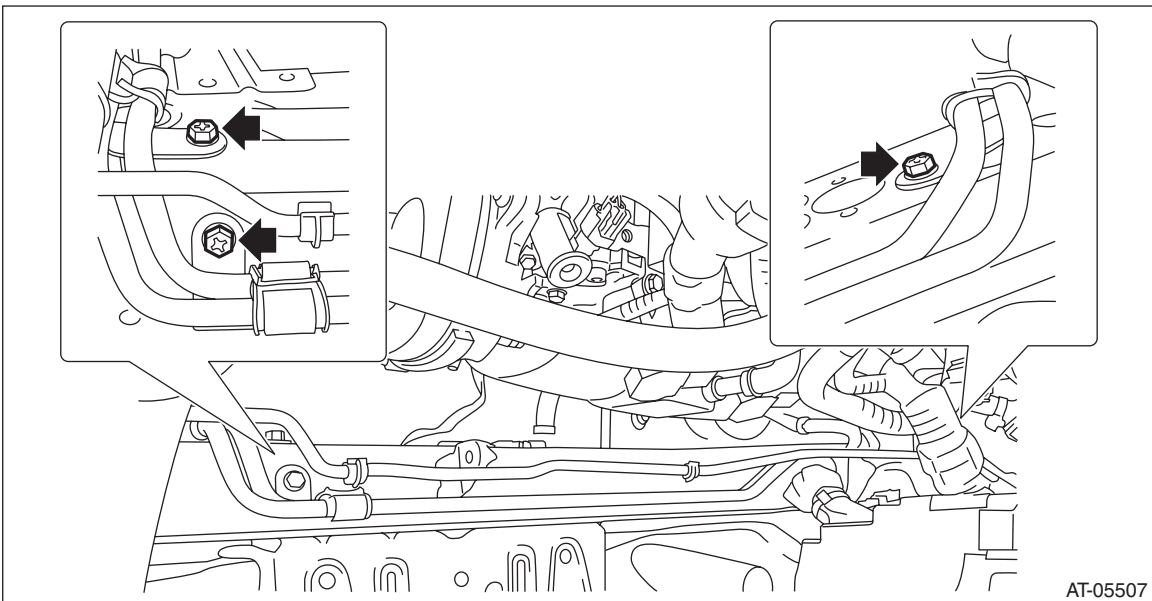
## CVTF Cooler Pipe and Hose

### CONTINUOUSLY VARIABLE TRANSMISSION

- 6) Lower the vehicle.
- 7) Remove the battery.
- 8) Remove the battery cable clip from the bracket, and remove the battery cable bracket.



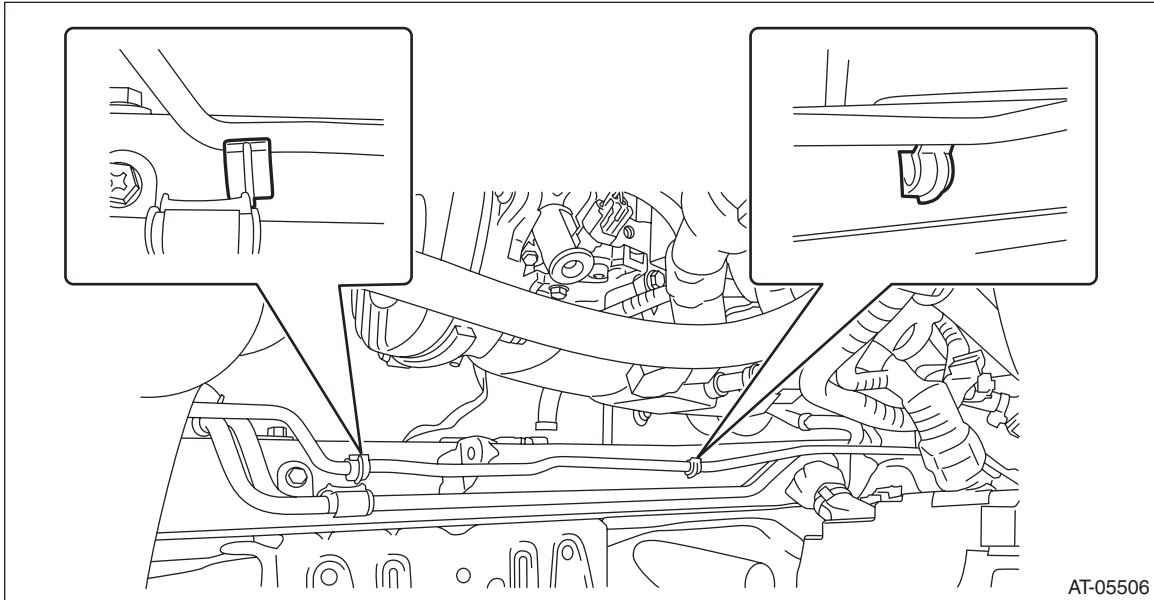
- 9) Remove the engine coolant reservoir tank. <Ref. to CO(H4SO)-25, REMOVAL, Reservoir Tank.>
- 10) Remove the CVTF cooler pipe assembly mounting bolt.



# CVTF Cooler Pipe and Hose

CONTINUOUSLY VARIABLE TRANSMISSION

11) Detach the A/C pipe from clip.



12) Remove the CVTF cooler pipe assembly from the vehicle.

# CVTF Cooler Pipe and Hose

CONTINUOUSLY VARIABLE TRANSMISSION

## B: INSTALLATION

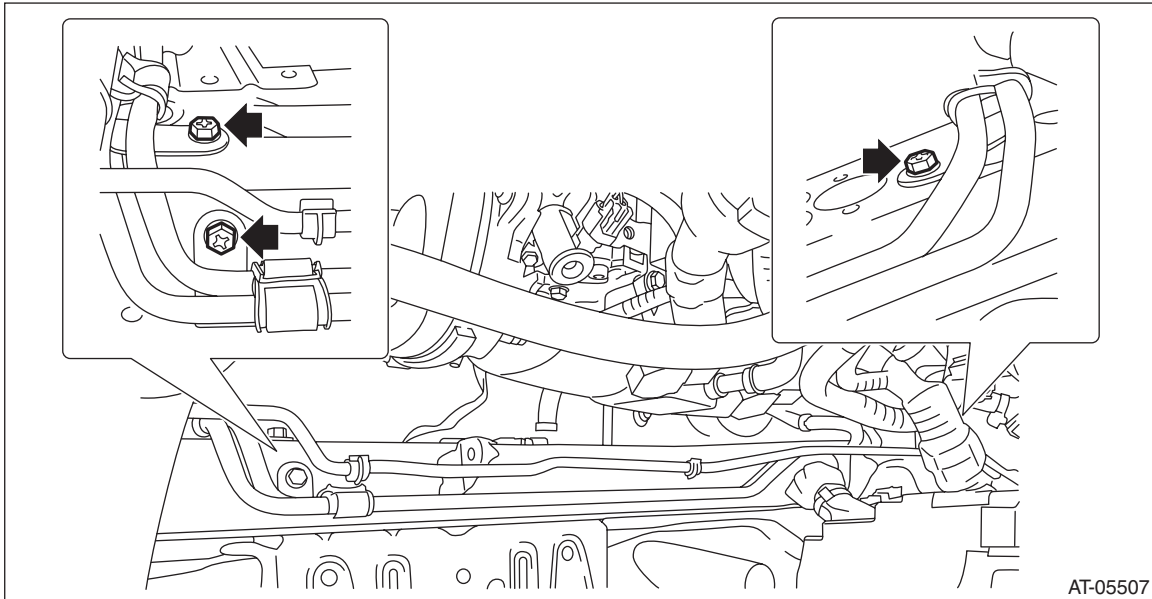
### CAUTION:

When installing the CVTF cooler pipe assembly on vehicle side, be careful not to bend the A/C pipe.

- 1) Temporarily attach the CVTF cooler pipe assembly to vehicle.
- 2) Install the CVTF cooler pipe assembly to vehicle.

### Tightening torque:

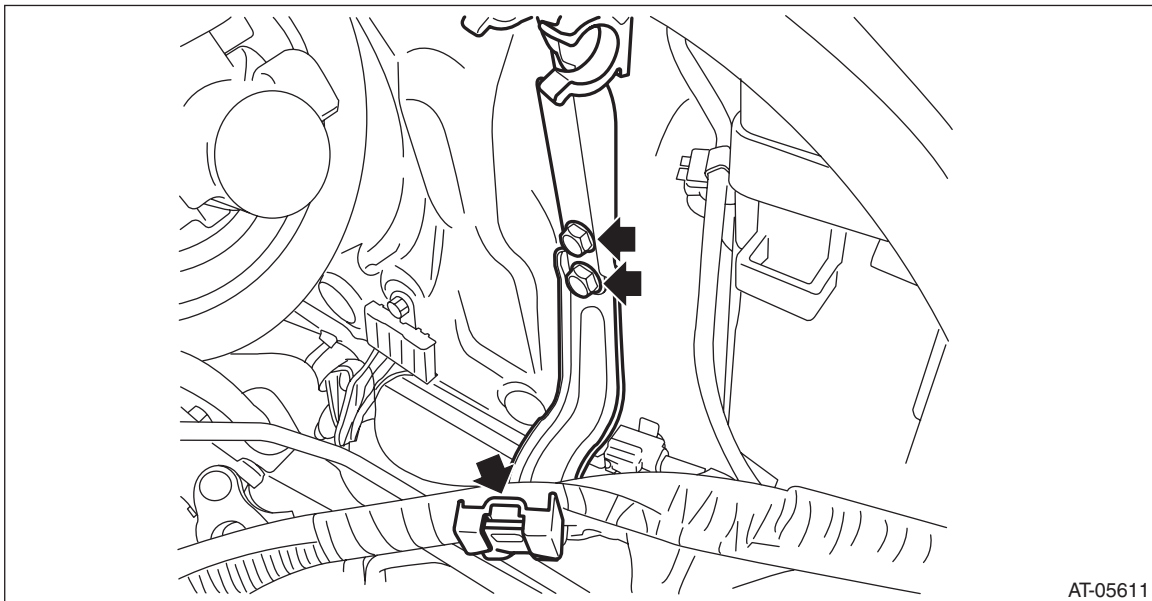
**7.5 N·m (0.76 kgf-m, 5.5 ft-lb)**



- 3) Install the A/C pipe to clip.
- 4) Install the battery cable bracket, and install the battery cable clip to the bracket.

### Tightening torque:

**7.5 N·m (0.76 kgf-m, 5.5 ft-lb)**



- 5) Install the engine coolant reservoir tank. <Ref. to CO(H4SO)-25, INSTALLATION, Reservoir Tank.>
- 6) Lift up the vehicle.

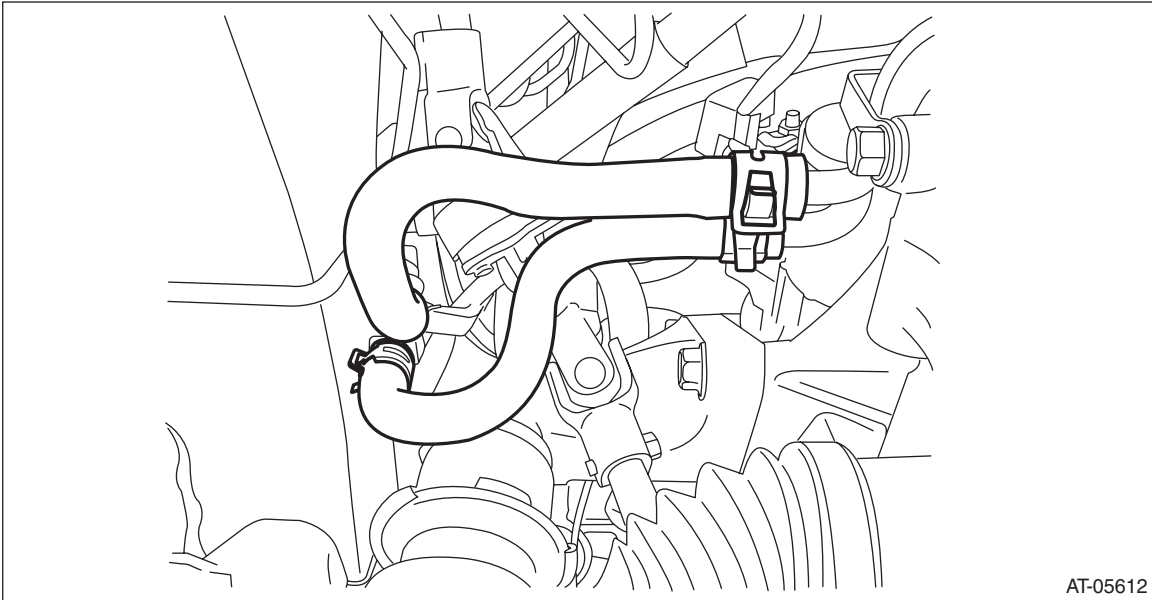
## CVTF Cooler Pipe and Hose

CONTINUOUSLY VARIABLE TRANSMISSION

7) Install the CVTF inlet hose and CVTF outlet hose.

**NOTE:**

Use the new CVTF inlet hose and CVTF outlet hose.

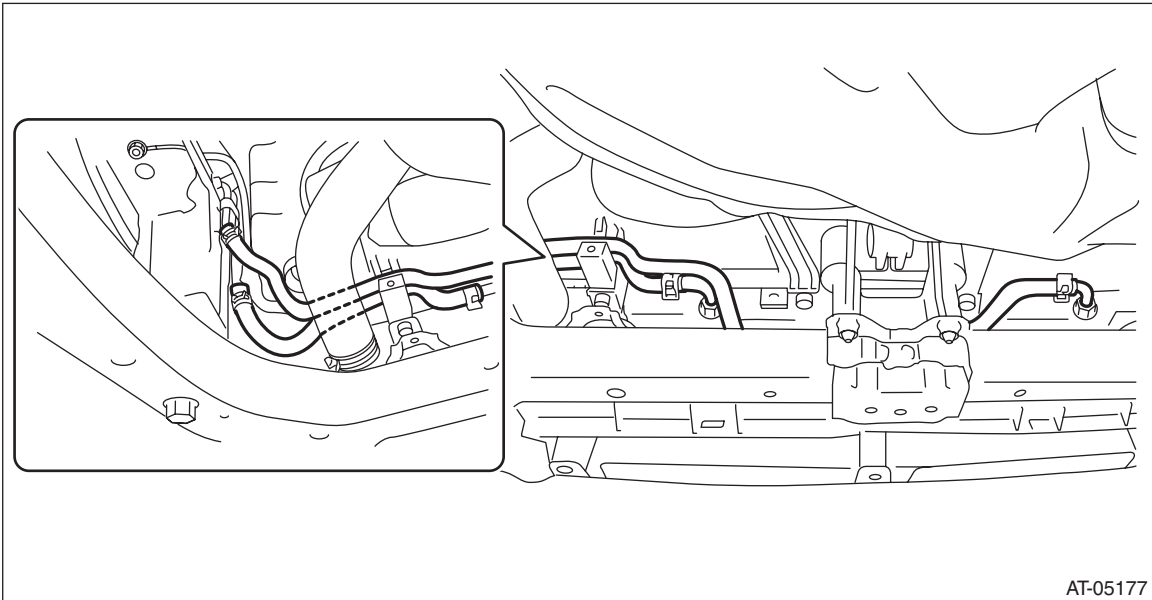


AT-05612

8) Install the inlet hose and outlet hose on radiator side.

**NOTE:**

Use the new inlet hose and outlet hose.



AT-05177

9) Install the under cover.

10) Lower the vehicle.

11) Install the battery.

12) Adjust the CVTF level and check there is no leakage. <Ref. to CVT-37, ADJUSTMENT, CVTF.>

# CVTF Cooler Pipe and Hose

CONTINUOUSLY VARIABLE TRANSMISSION

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## **C: INSPECTION**

Repair or replace any faulty hoses, pipes, clamps, and washers found in the inspection below.

- Check for CVTF leaks in joints between the transmission, radiator, pipes, and hoses.
- Check the clamp for deformation.
- Lightly bend the hose and check for cracks in the surface or other damages.
- Pinch the hose with your fingers and check for poor elasticity. Also check for poor elasticity in the parts where the clamp was installed by pressing with your fingernail.
- Check for peeling, cracks, and deformation at the tip of the hose.