

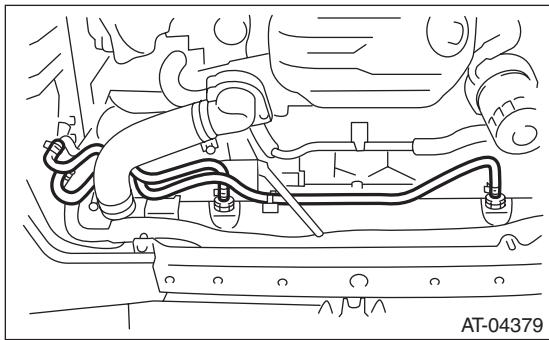
22. ATF Cooler Pipe and Hose

A: REMOVAL

- 1) Set the vehicle on a lift.
- 2) Remove the battery and washer tank.
- 3) Lift up the vehicle.
- 4) Remove the under cover.
- 5) Disconnect the ATF cooler hose from the radiator. (Turbo model) <Ref. to CO(H4SO)-26, TURBO MODEL, REMOVAL, Radiator.>
- 6) Disconnect the ATF cooler hose from the radiator. (Non-turbo model)

NOTE:

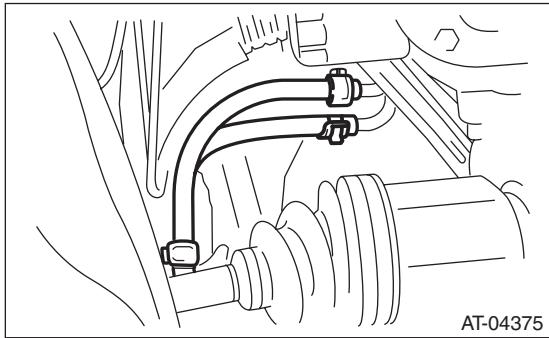
- Do not use a screwdriver or other pointed tools.
- If it is hard to remove the hose, wrap the hose with cloth to prevent from damaging it, and while turning with pliers, pull straight out by hand.



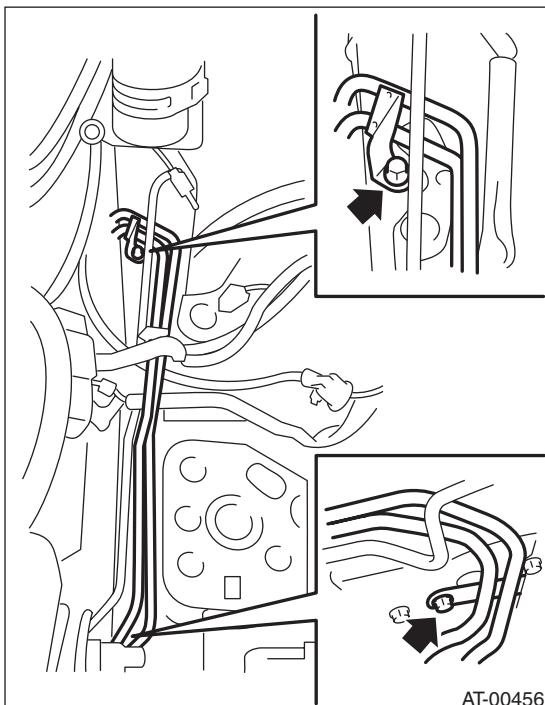
- 7) Disconnect the ATF cooler hoses from the pipes.

NOTE:

- Do not use a screwdriver or other pointed tools.
- If it is hard to remove the hose, wrap the hose with cloth to prevent from damaging it, and while turning with pliers, pull straight out by hand.



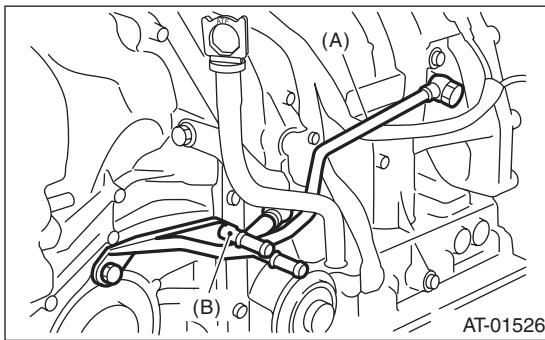
- 8) Disconnect the ATF cooler pipe from frame.



- 9) Remove the ATF inlet and outlet pipes.

NOTE:

When separating the outlet pipe, be careful not to lose the ball and spring used with the retaining screw.



(A) ATF inlet pipe

(B) ATF outlet pipe

B: INSTALLATION

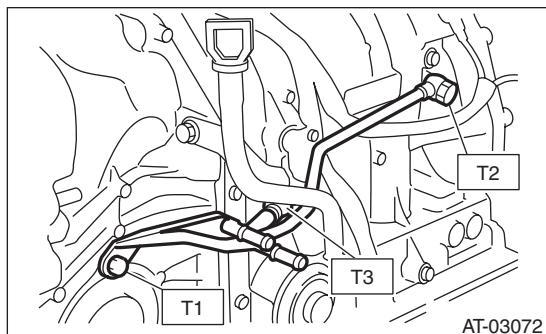
1) Install the ATF inlet and outlet pipes with the new washer.

Tightening torque:

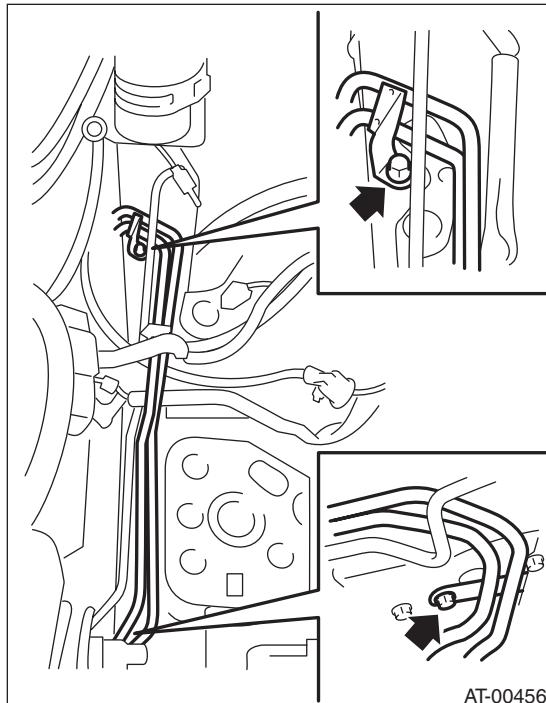
T1: 25 N·m (2.5 kgf-m, 18.4 ft-lb)

T2: 40 N·m (4.1 kgf-m, 29.5 ft-lb)

T3: 45 N·m (4.6 kgf-m, 33.2 ft-lb)



2) Install the ATF cooler pipe to frame.

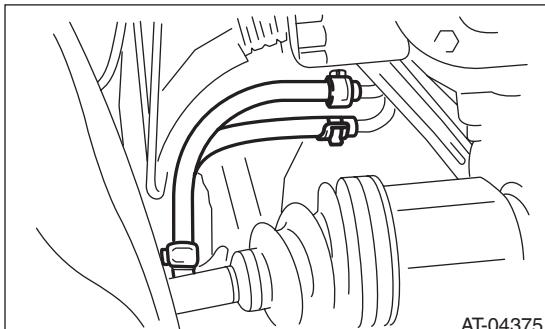


3) Connect the ATF cooler hose to the pipe on the transmission side.

NOTE:

- Install so that the hose is not folded over, excessively bent or twisted.

- Insert the hose to the specified position.



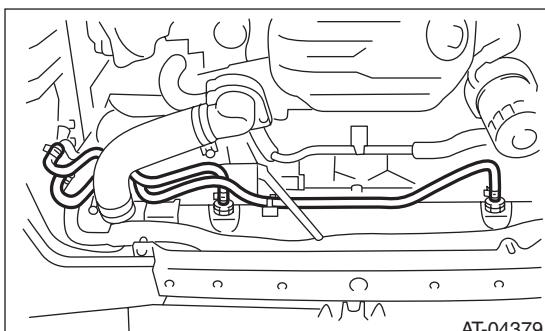
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4) Connect the ATF cooler hose to the pipe on the radiator side. (Non-turbo model)

NOTE:

- Install so that the hose is not folded over, excessively bent or twisted.

- Insert the hose to the specified position.



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5) Connect the ATF cooler hose to the pipe on the radiator side. (Turbo model) <Ref. to CO(HSO)-29, TURBO MODEL, INSTALLATION, Radiator.>

6) Install the under cover.

7) Install the battery and washer tank.

8) Fill ATF. <Ref. to 4AT-28, Automatic Transmission Fluid.>

NOTE:

Make sure there are no ATF leaks in joints between the transmission, radiator, pipes, and hoses.

C: INSPECTION

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

1) Check for ATF leaks in joints between the transmission, radiator, pipes, and hoses.

2) Check the clamp for deformation.

3) Lightly bend the hose and check for cracks in the surface and other damage.

4) 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.

5) Check for peeling, cracks, and deformation at the tip of the hose.