

ATF Cooler Pipe and Hose

AUTOMATIC TRANSMISSION

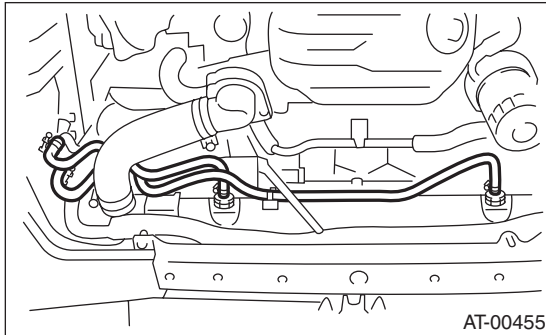
21. ATF Cooler Pipe and Hose

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)-28, TURBO MODEL, REMOVAL, Radiator.>
- 6) Disconnect the ATF cooler hose from the radiator. (Non-turbo model)

NOTE:

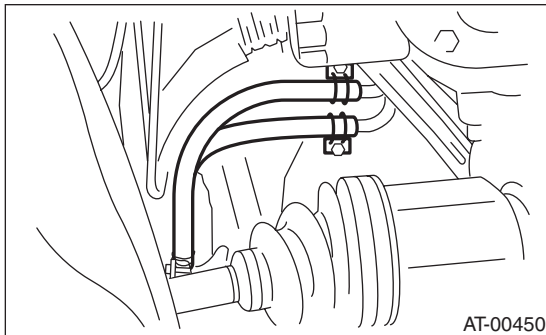
- Do not use a screwdriver or other pointed tools.
- If it is hard to remove the hose, wrap the hose with cloth to prevent from damaging it, and while turning with pliers, pull straight out by hand.



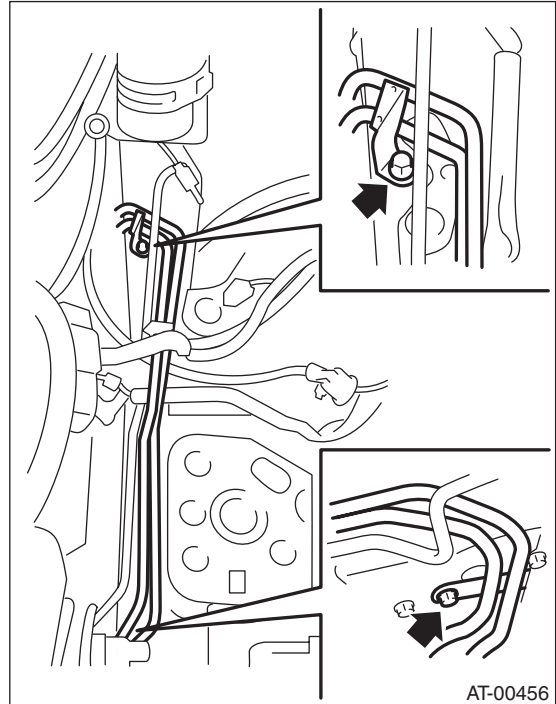
- 7) Disconnect the ATF cooler hoses from the pipes.

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.



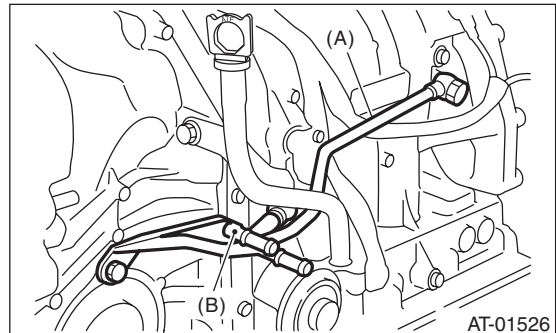
- 8) Disconnect the ATF cooler pipe from frame.



- 9) Remove the ATF cooler inlet and outlet pipes.

NOTE:

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



- (A) ATF cooler inlet pipe
- (B) ATF cooler outlet pipe

B: INSTALLATION

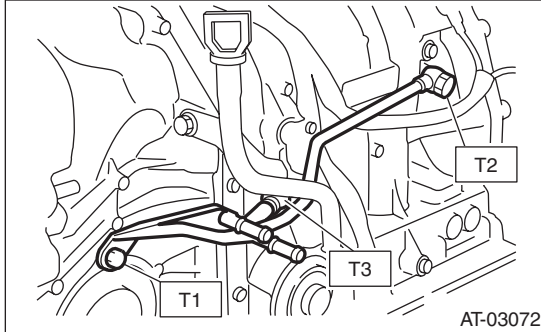
1) Install the ATF cooler inlet and outlet pipes with the new washer.

Tightening torque:

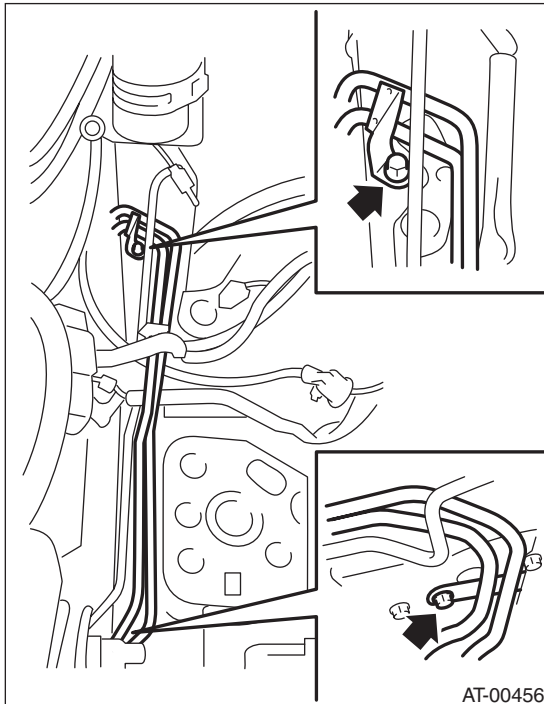
T1: 25 N·m (2.5 kgf·m, 18.1 ft·lb)

T2: 40 N·m (4.1 kgf·m, 29.5 ft·lb)

T3: 45 N·m (4.6 kgf·m, 33.2 ft·lb)



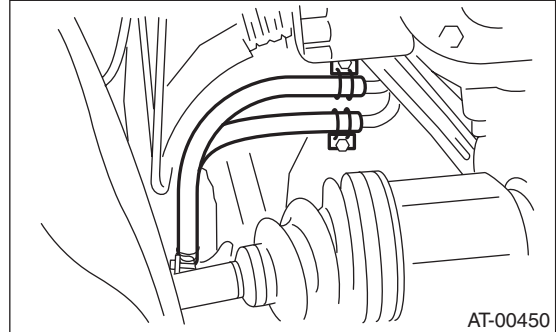
2) Install the ATF cooler pipe to frame.



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

NOTE:

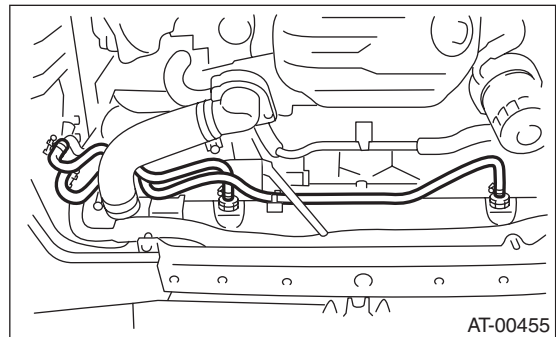
- Install so that the hose is not folded over, excessively bent or twisted.
- Insert the hose to the specified position.



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.



5) Connect the ATF cooler hose to the pipe on the radiator side. (Turbo model) <Ref. to CO(H4SO)-31, 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.

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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.