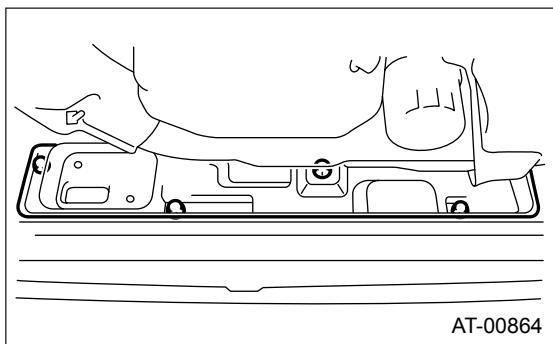


22. ATF Cooler Pipe and Hose

A: REMOVAL

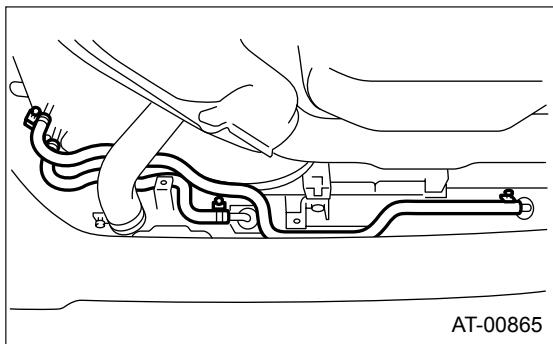
- 1) Set the vehicle on a lift.
- 2) Remove the battery and washer tank.
- 3) Lift up the vehicle.
- 4) Remove the under cover.
- 5) Remove the radiator under cover. (Turbo model)



- 6) Disconnect the ATF cooler hoses from radiator.

NOTE:

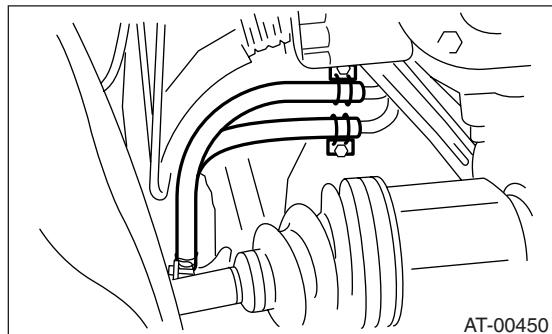
- Do not remove with a screwdriver or other pointed tools.
- If the hose is difficult to remove, wrap a shop cloth around the hose to protect it. Turn it with pliers, and then pull directly out with your hand.



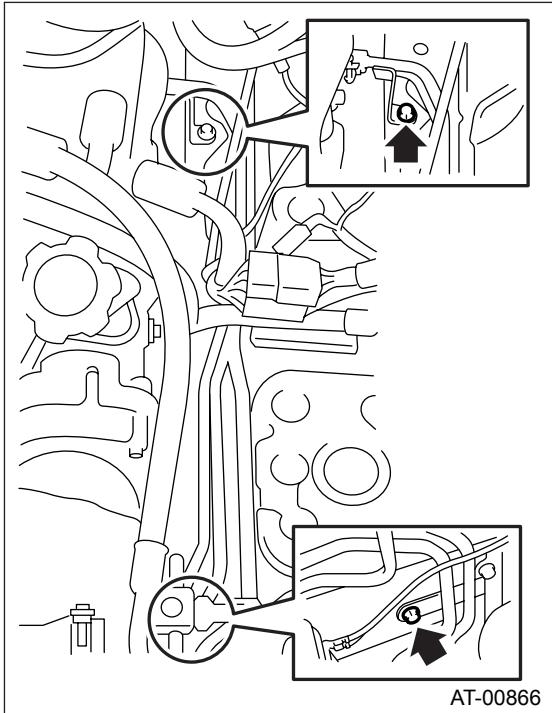
- 7) Disconnect the ATF cooler hoses from pipes.

NOTE:

- Do not remove with a screwdriver or other pointed tools.
- If the hose is difficult to remove, wrap a shop cloth around the hose to protect it. Turn it with pliers, and then pull directly out with your hand.



- 8) Remove the ATF cooler pipe from frame.



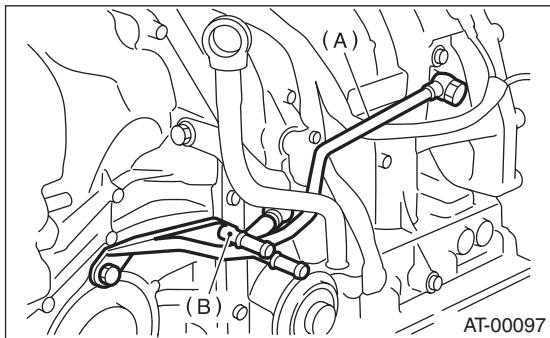
ATF COOLER PIPE AND HOSE

AUTOMATIC TRANSMISSION

9) Remove the oil cooler inlet and outlet pipes.

CAUTION:

When removing the outlet pipe, be careful not to lose balls and springs used with retaining screws.



(A) Inlet pipe

(B) Outlet pipe

B: INSTALLATION

1) Install the oil cooler outlet and inlet pipes.

CAUTION:

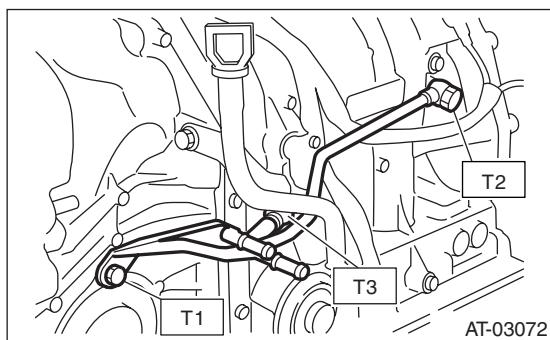
Be sure to use a new aluminum washer.

Tightening torque:

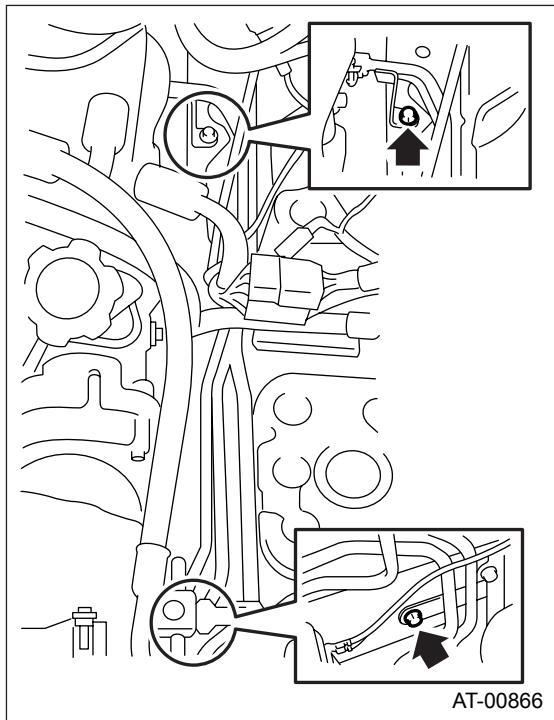
T1: 25 N·m (2.5 kgf-m, 18.1 ft-lb)

T2: 40 N·m (4.1 kgf-m, 30 ft-lb)

T3: 44 N·m (4.5 kgf-m, 32.5 ft-lb)



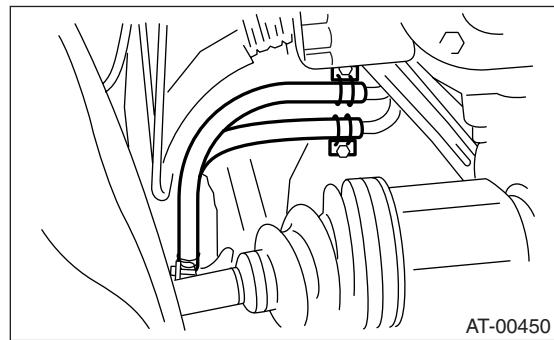
2) Install the ATF cooler pipe to frame.



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

NOTE:

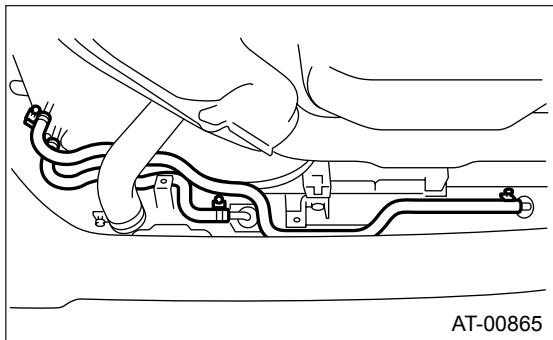
- Install so that the hose is not folded over, excessively bent, or twisted.
- Be careful to insert the hose to the specified position.



4) Connect the ATF cooler hose to the pipe of radiator side.

NOTE:

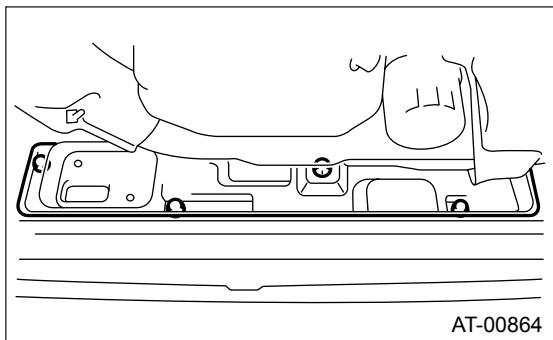
- Install so that the hose is not folded over, excessively bent, or twisted.
- Be careful to insert the hose to the specified position.



5) Install the radiator under cover. (Turbo model)

Tightening torque:

4.9 N·m (0.5 kgf·m, 3.6 ft-lb)



6) Install the under cover.

7) Install the battery and washer tank.
8) Fill ATF. <Ref. to AT-30, ATF.>

NOTE:

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

C: INSPECTION

Repair or replace any defective hoses, pipes, clamps, and washers found from the inspection below.

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