

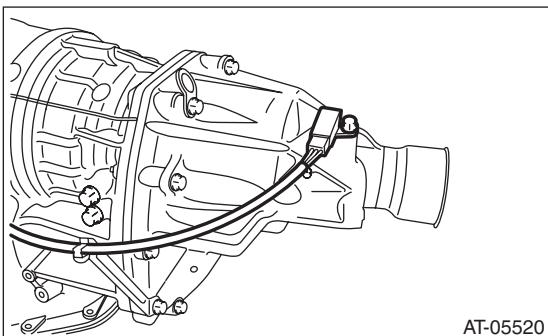
14. Front Vehicle Speed Sensor

A: REMOVAL

- 1) Remove the transmission assembly from the vehicle. <Ref. to 5AT-37, REMOVAL, Automatic Transmission Assembly.>
- 2) Disconnect the rear vehicle speed sensor connector.

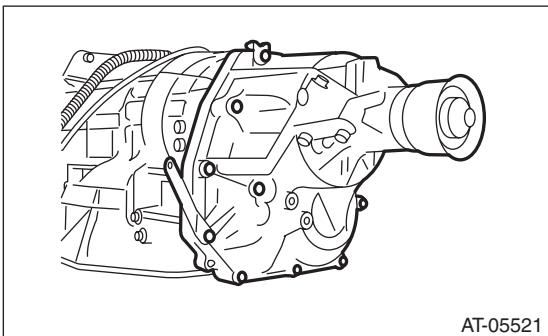
NOTE:

Secure the transmission harness to the transmission body using wire etc.



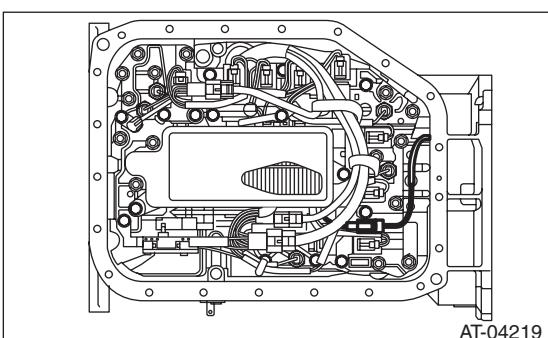
AT-05520

- 3) Remove the extension case.



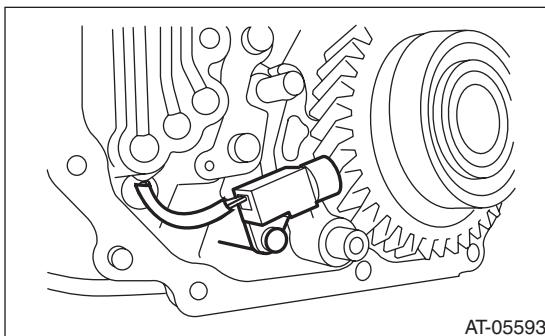
AT-05521

- 4) Remove the center differential carrier. <Ref. to 5AT-73, REMOVAL, Center Differential Carrier.>
- 5) Lay along the transmission case, and then remove the oil pan.
- 6) Remove the old gasket on the oil pan and transmission case completely.
- 7) Disconnect the front vehicle speed sensor connector.



AT-04219

- 8) Remove the front vehicle speed sensor securing bolt.



AT-05593

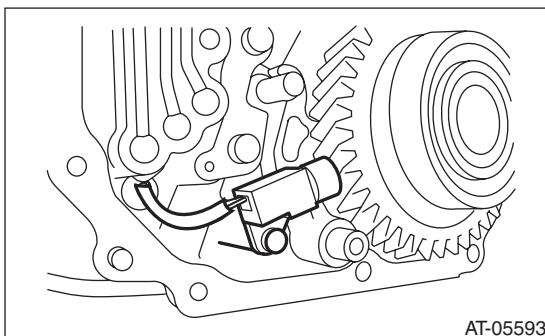
- 9) Remove the front vehicle speed sensor through the hole of AT transmission main case.

B: INSTALLATION

- 1) Install the front vehicle speed sensor.

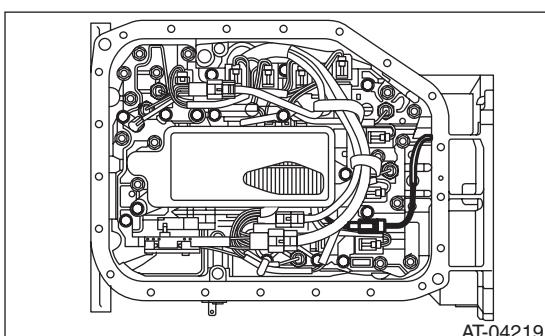
Tightening torque:

7 N·m (0.7 kgf·m, 5.2 ft-lb)



AT-05593

- 2) Connect the front vehicle speed sensor connector.



AT-04219

Front Vehicle Speed Sensor

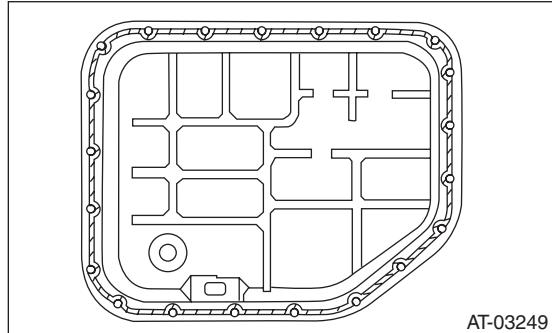
AUTOMATIC TRANSMISSION

3) Apply proper amount of liquid gasket to the entire oil pan mating surface.

10) Check the level and leaks of ATF. <Ref. to 5AT-29, INSPECTION, Automatic Transmission Fluid.>

Liquid gasket:

THREE BOND 1217B (Part No. K0877YA020)
or equivalent



4) Install the oil pan by equally tightening the bolts.

Tightening torque:

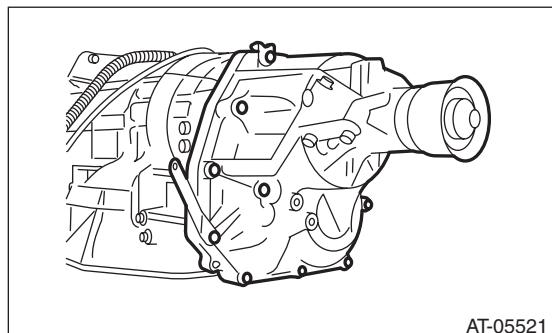
5 N·m (0.5 kgf·m, 3.7 ft-lb)

5) Install the center differential carrier. <Ref. to 5AT-73, INSTALLATION, Center Differential Carrier.>

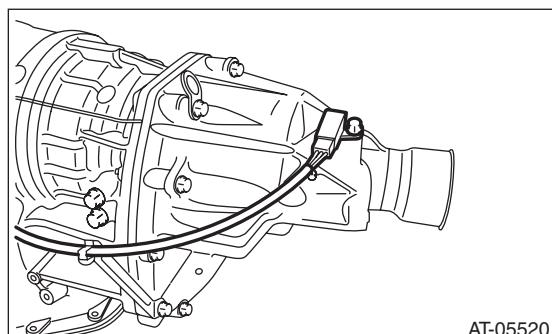
6) Install the extension case.

Tightening torque:

25 N·m (2.5 kgf·m, 18.4 ft-lb)



7) Connect the rear vehicle speed sensor connector.



8) Install the transmission assembly to the vehicle. <Ref. to 5AT-42, INSTALLATION, Automatic Transmission Assembly.>

9) Pour ATF from the oil charge pipe. <Ref. to 5AT-29, Automatic Transmission Fluid.>