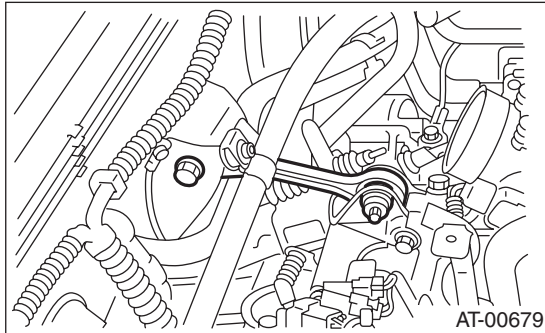


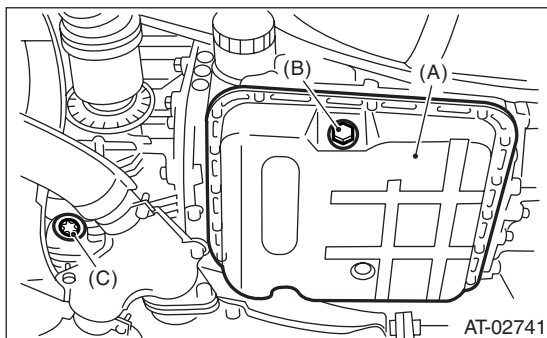
20. Transfer Duty Solenoid and Valve Body

A: REMOVAL

- 1) Set the vehicle on a lift.
- 2) Disconnect the ground cable from battery.
- 3) Remove the air cleaner case or air intake chamber.
<Ref. to IN(H4SO)-6, REMOVAL, Air Cleaner Case.>
- 4) Remove the pitching stopper.



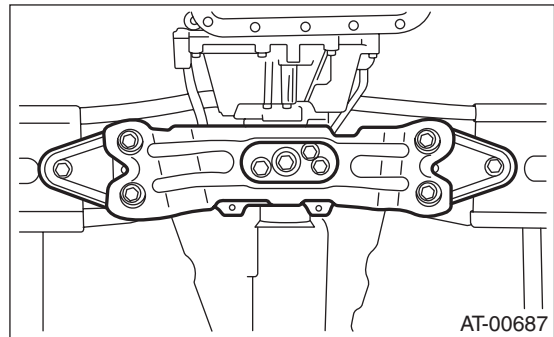
- 5) Remove the front exhaust pipe with center exhaust pipe. (Non-TURBO model)
<Ref. to EX(H4SO)-5, REMOVAL, Front Exhaust Pipe.>
- 6) Remove the rear exhaust pipe and muffler.
<Ref. to EX(H4SO)-9, REMOVAL, Rear Exhaust Pipe.> and <Ref. to EX(H4SO)-10, REMOVAL, Muffler.>
- 7) Raise the vehicle and drain the ATF.



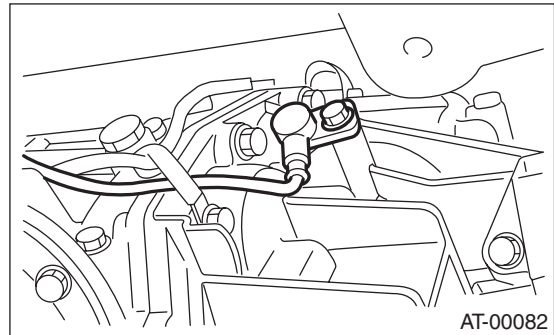
- (A) Oil pan
- (B) Drain plug
- (C) Deferential oil drain plug

- 8) Remove the heat shield cover. (If equipped)
- 9) Remove the propeller shaft. <Ref. to DS-15, REMOVAL, Propeller Shaft.>
- 10) Remove the transmission rear crossmember.
 - (1) Support the transmission using a transmission jack and raise it slightly.

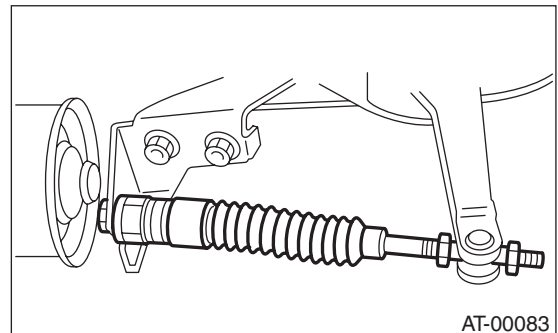
- (2) Remove the bolts and nuts as shown in the figure.



- 11) Remove the rear vehicle speed sensor.



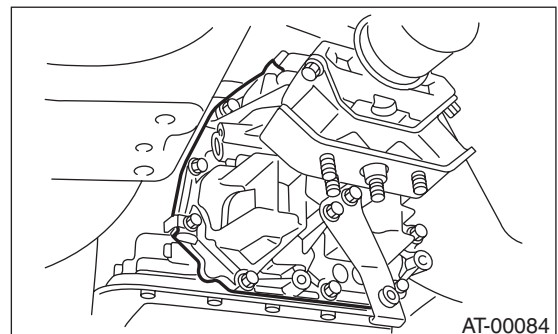
- 12) Remove the select cable nut.



- 13) Move the gear select cable so that extension bolts can be removed.
- 14) Remove the bolts.
- 15) Remove the extension case.

NOTE:

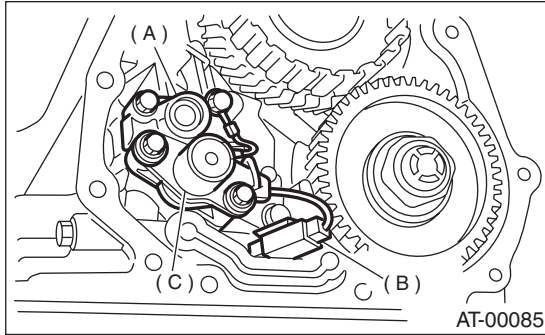
Use a container to catch oil flowing from extension.



TRANSFER DUTY SOLENOID AND VALVE BODY

AUTOMATIC TRANSMISSION

- 16) Disconnect the transfer duty solenoid connector.
- 17) Remove the transfer duty solenoid and transfer valve body.



- (A) Transfer valve body
- (B) Transfer duty solenoid connector
- (C) Transfer duty solenoid

B: INSTALLATION

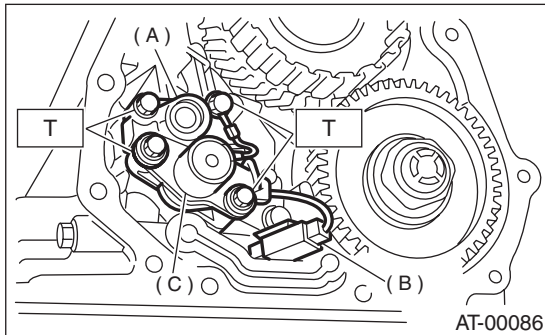
- 1) Install the transfer duty solenoid and transfer valve body.

- (1) Install the transfer duty solenoid and transfer valve body.

Tightening torque:

T: 8 N·m (0.8 kgf-m, 5.8 ft-lb)

- (2) Connect the transfer duty solenoid connector.



- (A) Transfer valve body
- (B) Transfer duty solenoid connector
- (C) Transfer duty solenoid

- 2) Install a new gasket and the extension case to transmission case.

- (1) Tighten eleven bolts.

Tightening torque:

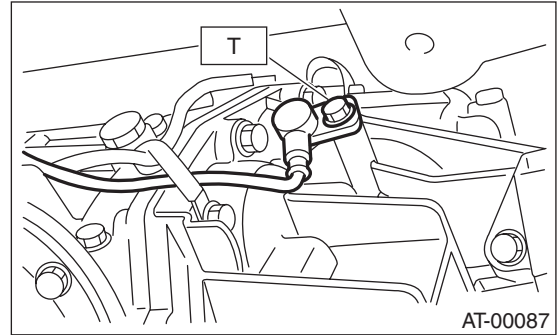
25 N·m (2.5 kgf-m, 18.1 ft-lb)

- (2) Adjust the select cable. <Ref. to CS-32, ADJUSTMENT, Select Cable.>

- 3) Install the rear vehicle speed sensor.

Tightening torque:

T: 7 N·m (0.7 kgf-m, 5.1 ft-lb)

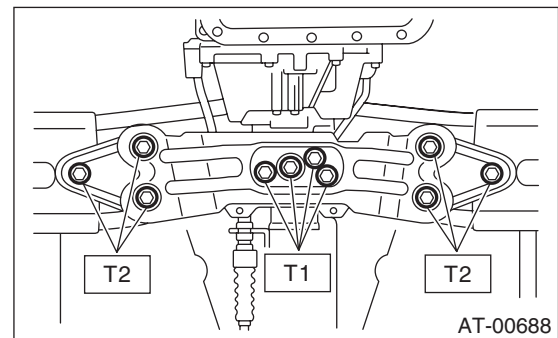


- 4) Install the transmission rear crossmember.
 - (1) Tighten the bolts.

Tightening torque:

T1: 35 N·m (3.6 kgf-m, 26 ft-lb)

T2: 75 N·m (7.7 kgf-m, 55 ft-lb)



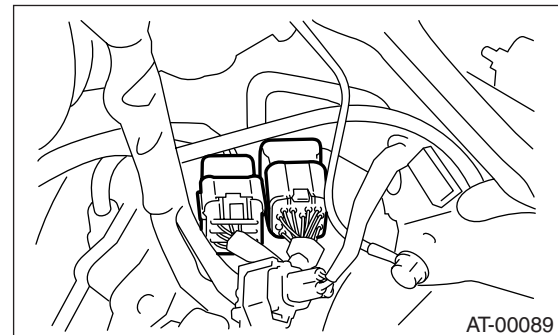
- (2) Remove the transmission jack.

- 5) Install the propeller shaft. <Ref. to DS-16, INSTALLATION, Propeller Shaft.>

- 6) Install the front, center rear exhaust pipe and muffler.

<Ref. to EX(H4SO)-6, INSTALLATION, Front Exhaust Pipe.>, <Ref. to EX(H4SO)-9, INSTALLATION, Rear Exhaust Pipe.> and <Ref. to EX(H4SO)-10, INSTALLATION, Muffler.>

- 7) Connect the transmission harness connector.



TRANSFER DUTY SOLENOID AND VALVE BODY

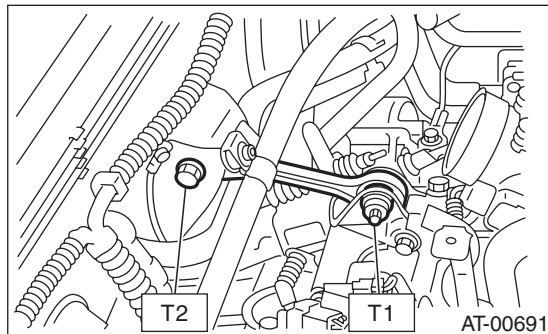
AUTOMATIC TRANSMISSION

8) Install the pitching stopper.

Tightening torque:

T1: 50 N·m (5.1 kgf-m, 37 ft-lb)

T2: 58 N·m (5.9 kgf-m, 43 ft-lb)



9) Install the air cleaner case or air intake chamber.

(Non-TURBO model)

<Ref. to IN(H4SO)-6, INSTALLATION, Air Cleaner Case.>

10) Fill with the same amount of ATF that was drained.

11) Check the ATF level. <Ref. to 4AT-31, Automatic Transmission Fluid.>