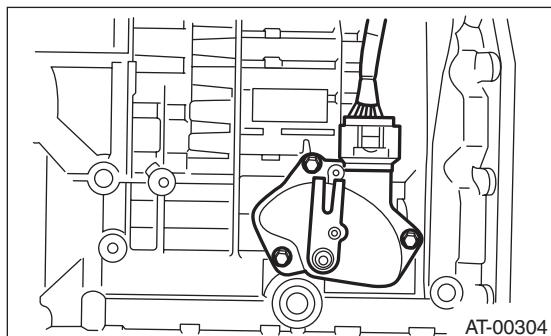


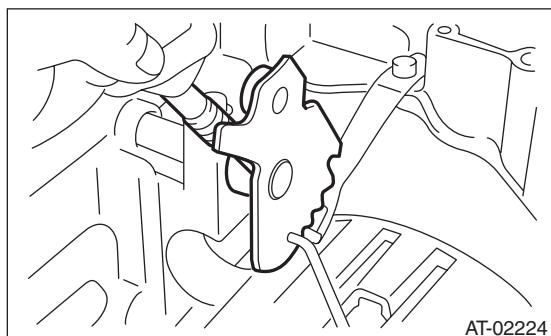
39. Transmission Control Device

A: REMOVAL

- 1) Remove the transmission assembly from vehicle body. <Ref. to 4AT-37, REMOVAL, Automatic Transmission Assembly.>
- 2) Pull out the torque converter clutch assembly. <Ref. to 4AT-69, REMOVAL, Torque Converter Clutch Assembly.>
- 3) Remove the input shaft.
- 4) Lift up the lever on the rear side of transmission harness connector, and then disconnect it from the stay.
- 5) Disconnect the air breather hose. <Ref. to 4AT-67, REMOVAL, Air Breather Hose.>
- 6) Disconnect the inhibitor switch connector from the stay.
- 7) Wrap vinyl tape around the nipple attached to the air breather hose.
- 8) Remove the pitching stopper bracket.
- 9) Remove the inhibitor switch.



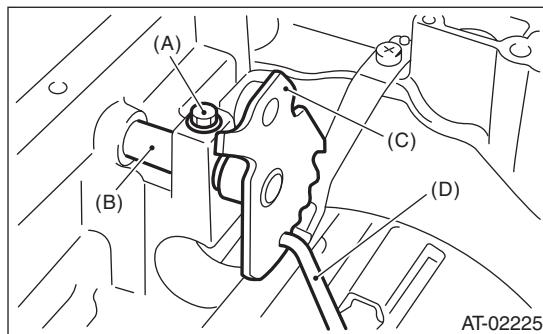
- 10) Remove the control valve body assembly. <Ref. to 4AT-58, REMOVAL, Control Valve Body.>
- 11) Pull out the manual plate spring pin.



- 12) Remove the bolts securing the range select lever, then remove the range select lever, manual plate and parking rod.

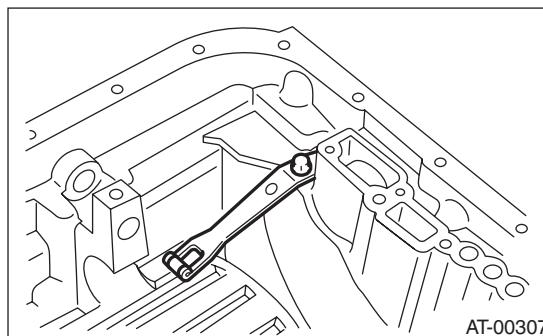
NOTE:

Be careful not to damage the lips of press-fitted oil seal in the case.



- (A) Bolt
- (B) Range select lever
- (C) Manual plate
- (D) Parking rod

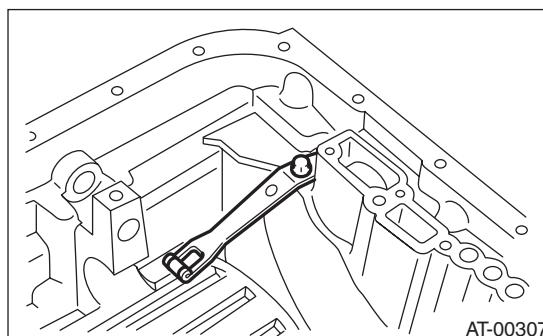
- 13) Remove the detention spring.



B: INSTALLATION

- 1) Install the detention spring to the transmission case.

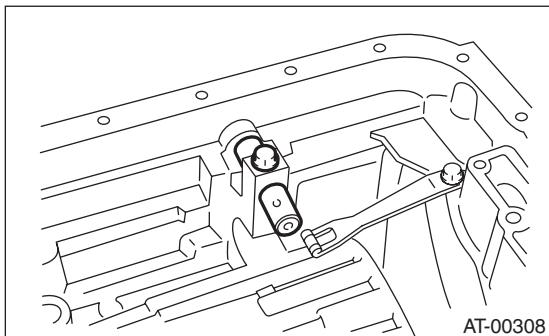
Tightening torque:
6 N·m (0.6 kgf·m, 4.4 ft-lb)



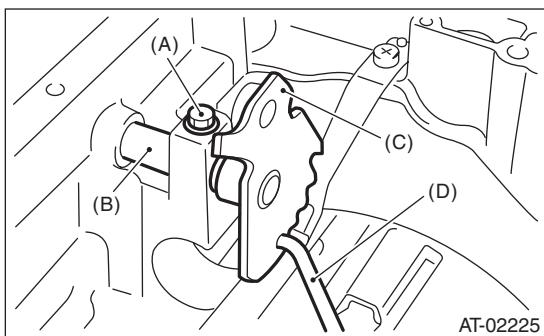
2) Insert the range select lever, and then tighten the bolt.

Tightening torque:

6 N·m (0.6 kgf·m, 4.4 ft-lb)

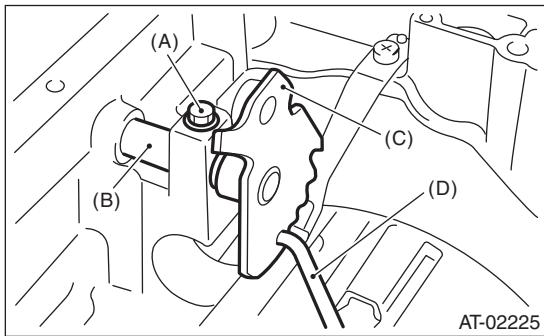


3) Insert the manual plate and parking rod.



(A) Bolt
 (B) Range select lever
 (C) Manual plate
 (D) Parking rod

4) Insert the spring pin to the manual plate.



5) Install the oil pan and the control valve body assembly. <Ref. to 4AT-59, INSTALLATION, Control Valve Body.>

6) Turn over the transmission case to its original position.

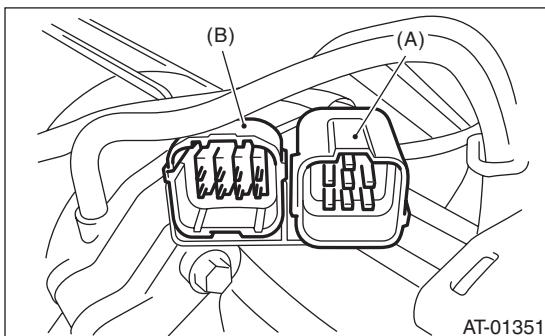
7) Install the pitching stopper bracket.

Tightening torque:

41 N·m (4.2 kgf·m, 30.2 ft-lb)

8) Install and adjust the inhibitor switch. <Ref. to 4AT-47, Inhibitor Switch.>

9) Insert the inhibitor switch and transmission harness connector onto the stay.



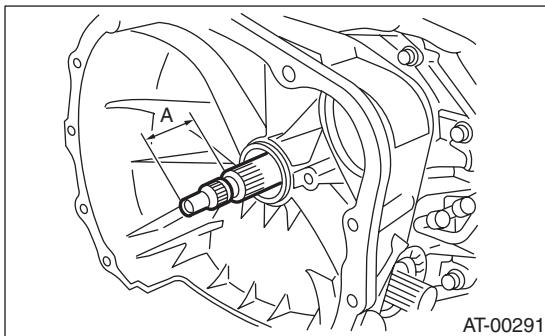
(A) Transmission harness ASSY connector
 (B) Inhibitor switch harness connector

10) Install the air breather hose. <Ref. to 4AT-67, INSTALLATION, Air Breather Hose.>

11) Insert the input shaft while rotating it lightly by hand, and then check the amount of protrusion.

Normal protrusion A:

50 — 55 mm (1.97 — 2.17 in)



12) Install the torque converter clutch assembly. <Ref. to 4AT-69, INSTALLATION, Torque Converter Clutch Assembly.>

13) Install the transmission assembly to the vehicle. <Ref. to 4AT-40, INSTALLATION, Automatic Transmission Assembly.>

C: INSPECTION

Make sure that the manual lever and detent spring are not worn or otherwise damaged.

Transmission Control Device

AUTOMATIC TRANSMISSION
