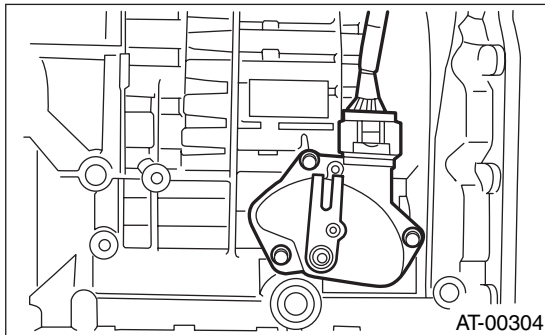


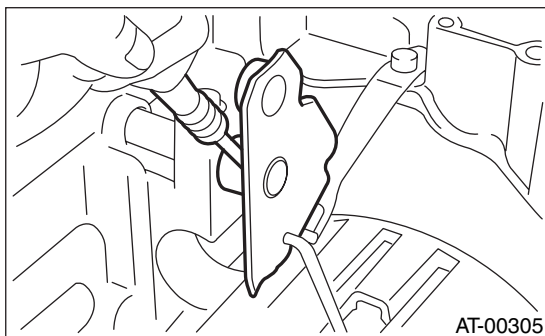
### 41. Transmission Control Device

#### A: REMOVAL

- 1) Remove the transmission assembly from the vehicle. <Ref. to 4AT-39, REMOVAL.>
- 2) Extract the torque converter clutch assembly. <Ref. to 4AT-84, REMOVAL.>
- 3) Remove the input shaft.
- 4) Lift-up the lever behind the transmission harness connector and disconnect it from stay.
- 5) Disconnect the air breather hoses. <Ref. to 4AT-82, REMOVAL.>
- 6) Disconnect the inhibitor switch connector from stay.
- 7) Wrap the nipple attached to the air breather hose around with a vinyl tape.
- 8) Remove pitching stopper bracket.
- 9) Remove the inhibitor switch.



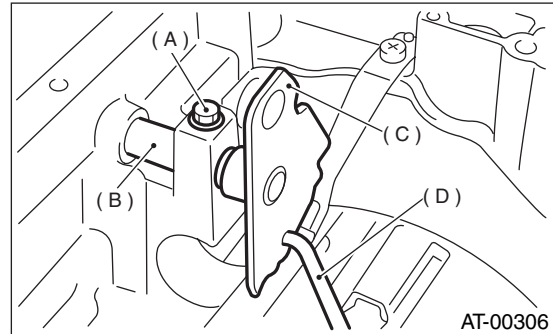
- 10) Remove the control valve body assembly. <Ref. to 4AT-61, REMOVAL.>
- 11) Pull off the straight pin of manual plate.



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

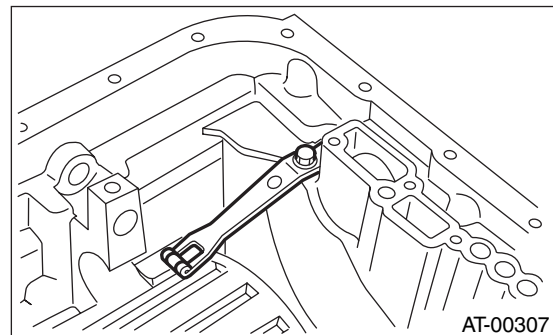
#### NOTE:

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



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

- 13) Remove the detention spring.

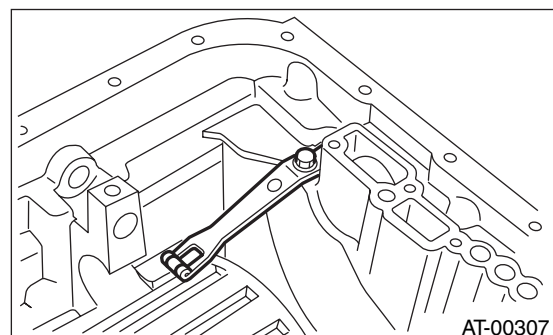


#### B: INSTALLATION

- 1) Install the detention spring to transmission case.

#### Tightening torque:

**6 N·m (0.6 kgf-m, 4.3 ft-lb)**



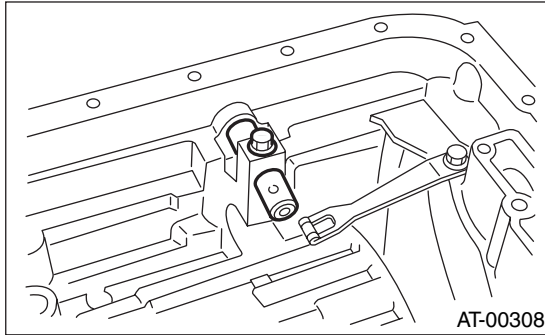
# TRANSMISSION CONTROL DEVICE

## AUTOMATIC TRANSMISSION

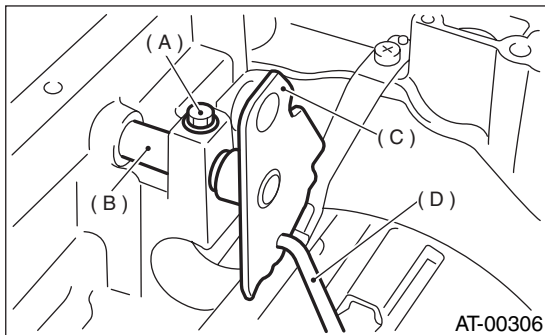
2) Insert the range select lever, and tighten the bolt.

**Tightening torque:**

**6 N·m (0.6 kgf-m, 4.3 ft-lb)**

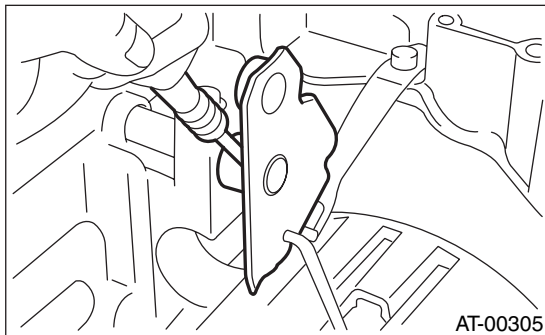


3) Insert the manual plate and parking rod.



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

4) Insert the spring pin to manual plate.



5) Install the control valve assembly and oil pan.

<Ref. to 4AT-63, INSTALLATION.>

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

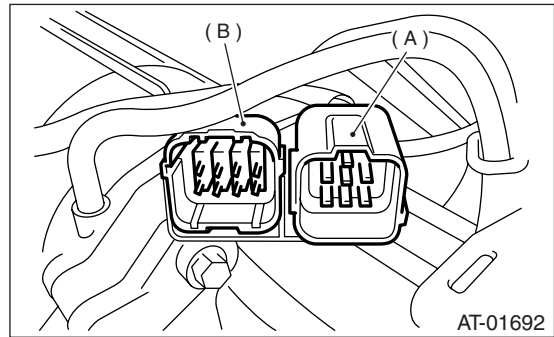
7) Install the pitching stopper bracket.

**Tightening torque:**

**41 N·m (4.2 kgf-m, 30.4 ft-lb)**

8) Install the inhibitor switch and adjust the inhibitor switch. <Ref. to 4AT-50, Inhibitor Switch.>

9) Insert the inhibitor switch and transmission connector into stay.



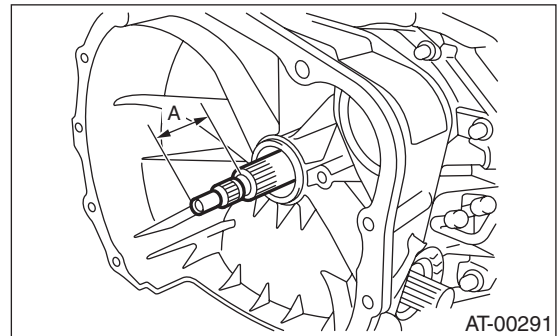
- (A) Transmission harness
- (B) Inhibitor switch harness

10) Install the air breather hose. <Ref. to 4AT-82, INSTALLATION.>

11) Insert the input shaft while turning it lightly by hand and verify the protrusion amount.

**Normal protrusion A:**

**50 — 55 mm (1.97 — 2.17 in)**



12) Install the torque converter clutch assembly. <Ref. to 4AT-84, INSTALLATION.>

13) Install the transmission assembly to the vehicle. <Ref. to 4AT-42, INSTALLATION.>

### C: INSPECTION

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