

### 12. Inhibitor Switch

#### A: INSPECTION

When the driving condition or starter motor operation is erroneous, first check the shift linkage for improper operation. If the shift linkage is functioning properly, check the inhibitor switch.

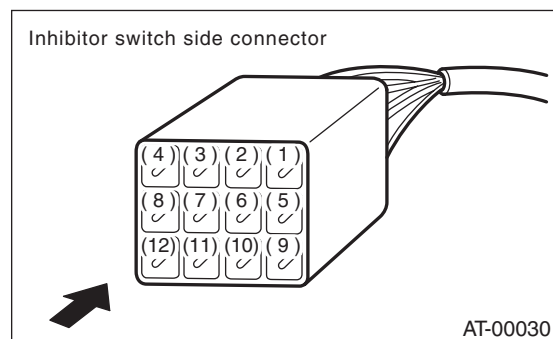
1) Disconnect the inhibitor switch connector.

2) Check continuity in inhibitor switch circuits with the select lever moved to each position.

Also check that continuity in ignition circuit does not exist when the select lever is in R, D, 3, 2 and 1 ranges.

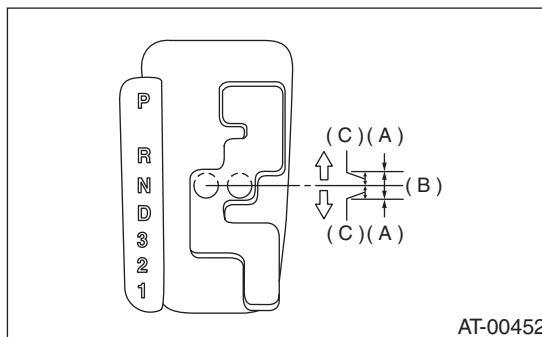
If the inhibitor switch is inoperative, check for poor contact of connector on transmission side.

	Location	Pin No.	Standard
Signal sent to TCM	P	4 — 3	Less than 1Ω
	R	4 — 2	
	N	4 — 1	
	D	4 — 8	
	3	4 — 7	
	2	4 — 6	
	1	4 — 5	
Starter Circuit	P/N	12 — 11	
Back-up light circuit	R	10 — 9	



3) Check if there is continuity at equal points when the select lever is turned 1.5° in both directions from N range.

If there is continuity in one direction and the continuity in the other or if there is continuity at unequal points, adjust the inhibitor switch. <Ref. to AT-48, ADJUSTMENT, Inhibitor Switch.>



(A) Continuity does not exist.

(B) Continuity exists.

(C) 1.5°

4) Repeat the above checks. If there are abnormalities, adjust the select cable. <Ref. to CS-30, ADJUSTMENT, Select Cable.>

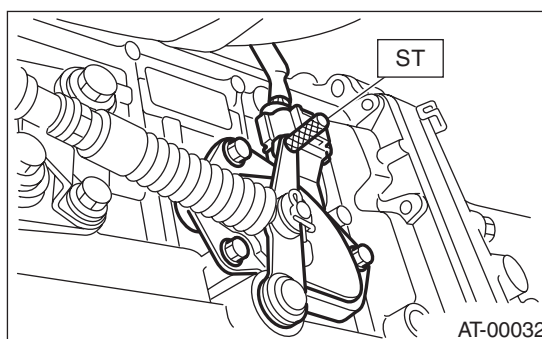
#### B: ADJUSTMENT

1) Shift the select lever to "N" range.

2) Loosen the three inhibitor switch securing bolts.

3) Insert the ST as straight as possible into the holes in inhibitor switch lever and switch body.

ST 499267300 STOPPER PIN



4) Tighten the three inhibitor switch bolts.

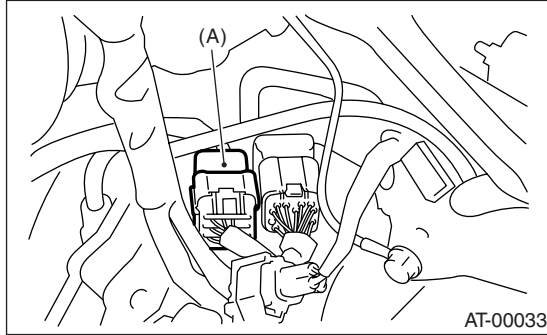
**Tightening torque:**

**3.4 N·m (0.35 kgf-m, 2.5 ft-lb)**

5) Repeat the above checks. If the inhibitor switch is determined to be faulty, replace it.

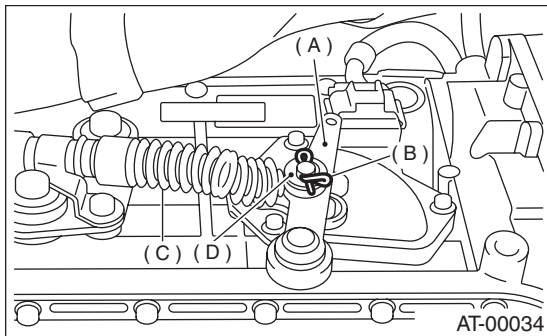
### C: REMOVAL

- 1) Set the vehicle on a lift.
- 2) Move the range select lever to neutral position.
- 3) Remove the air cleaner case. (Non-turbo model)  
<Ref. to IN(H4SO)-6, REMOVAL, Air Cleaner Case.>
- 4) Remove the intercooler. (Turbo model) <Ref. to IN(H4DOTC)-11, REMOVAL, Intercooler.>
- 5) Disconnect the inhibitor switch connector.



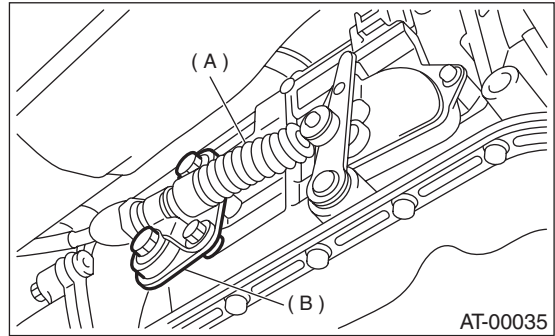
(A) Inhibitor switch

- 6) Remove the inhibitor switch connector from stay.
- 7) Lift up the vehicle.
- 8) Remove the front exhaust pipe together with the center exhaust pipe. (Non-turbo model)  
<Ref. to EX(H4SO)-5, REMOVAL, Front Exhaust Pipe.>
- 9) Remove the center exhaust pipe. (Turbo model)  
<Ref. to EX(H4DOTC)-8, REMOVAL, Center Exhaust Pipe.>
- 10) Remove the snap pin and washer from range select lever.



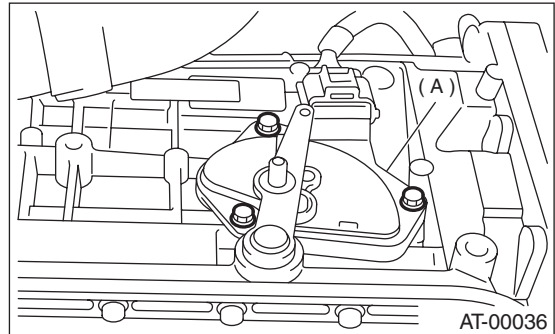
- (A) Range select lever
- (B) Snap pin
- (C) Select cable
- (D) Washer

- 11) Remove the plate assembly from transmission case.



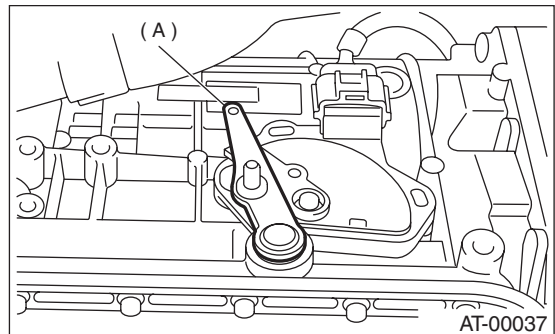
- (A) Select cable
- (B) Plate assembly

- 12) Remove the bolts.



(A) Inhibitor switch

- 13) Move the range select lever to parking position (left side).

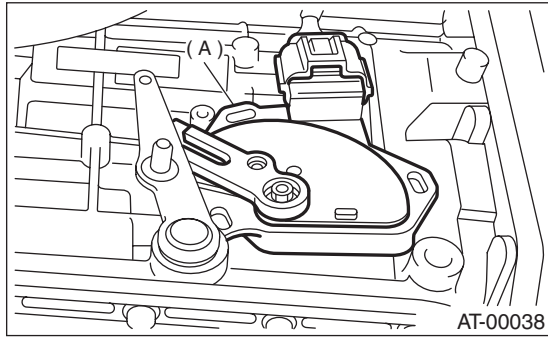


(A) Range select lever

# INHIBITOR SWITCH

## AUTOMATIC TRANSMISSION

14) Remove the inhibitor switch from transmission.



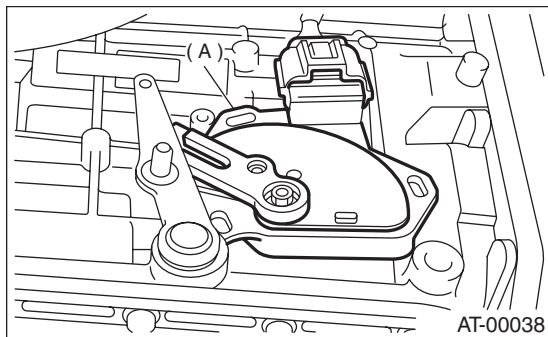
(A) Inhibitor switch

15) Disconnect the inhibitor switch harness connector from inhibitor switch.

### D: INSTALLATION

1) Connect the inhibitor switch harness connector to inhibitor switch.

2) Install the inhibitor switch to transmission case.



(A) Inhibitor switch

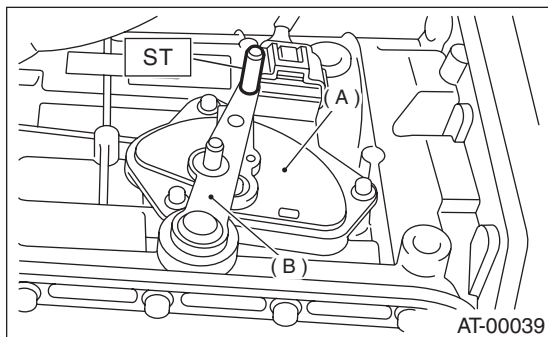
3) Move the range select lever to neutral position.

4) Tighten inhibitor switch bolts using the ST.

ST 499267300 STOPPER PIN

**Tightening torque:**

**3.4 N·m (0.35 kgf-m, 2.5 ft-lb)**



(A) Inhibitor switch

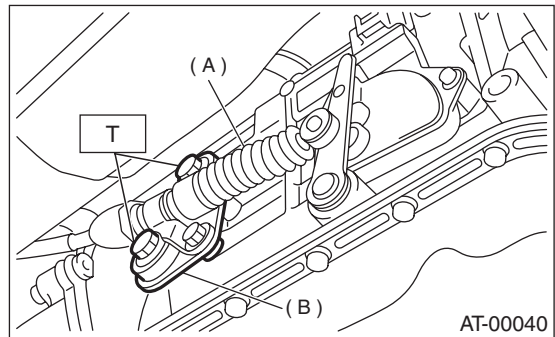
(B) Range select lever

5) Install the select cable to range select lever.

6) Install the plate assembly to transmission.

**Tightening torque:**

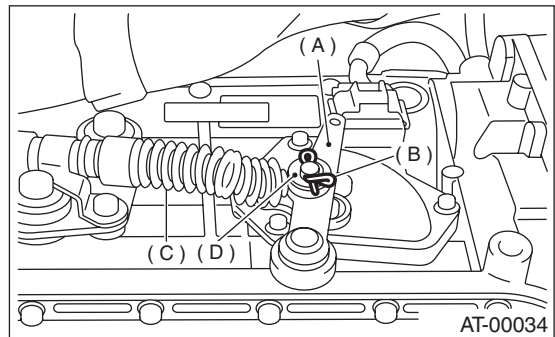
**T: 25 N·m (2.5 kgf-m, 18.1 ft-lb)**



(A) Select cable

(B) Plate assembly

7) Install the snap pin to range select lever.



(A) Snap ring

(B) Select cable

(C) Range select lever

8) Install the front exhaust pipe together with the center exhaust pipe. (Non-turbo model)

<Ref. to EX(H4SO)-6, INSTALLATION, Front Exhaust Pipe.>

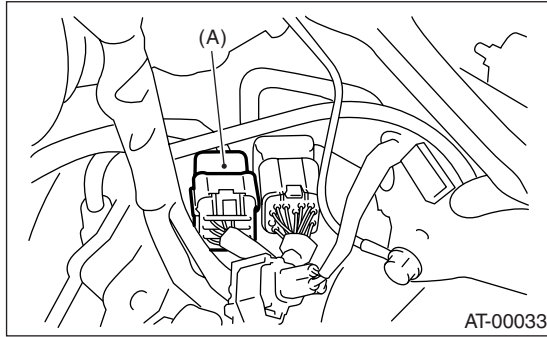
9) Install the center exhaust pipe. (Turbo model)

<Ref. to EX(H4DOTC)-9, INSTALLATION, Center Exhaust Pipe.>

10) Lower the vehicle.

11) Install the inhibitor switch connector to stay.

12) Connect the inhibitor switch connector.



(A) Inhibitor switch

13) Install the air cleaner case. (Non-turbo model)  
<Ref. to IN(H4SO)-6, INSTALLATION, Air Cleaner Case.>

14) Install the intercooler. (Turbo model)  
<Ref. to IN(H4DOTC)-12, INSTALLATION, Intercooler.>

15) Inspect the inhibitor switch. <Ref. to AT-48, INSPECTION, Inhibitor Switch.>