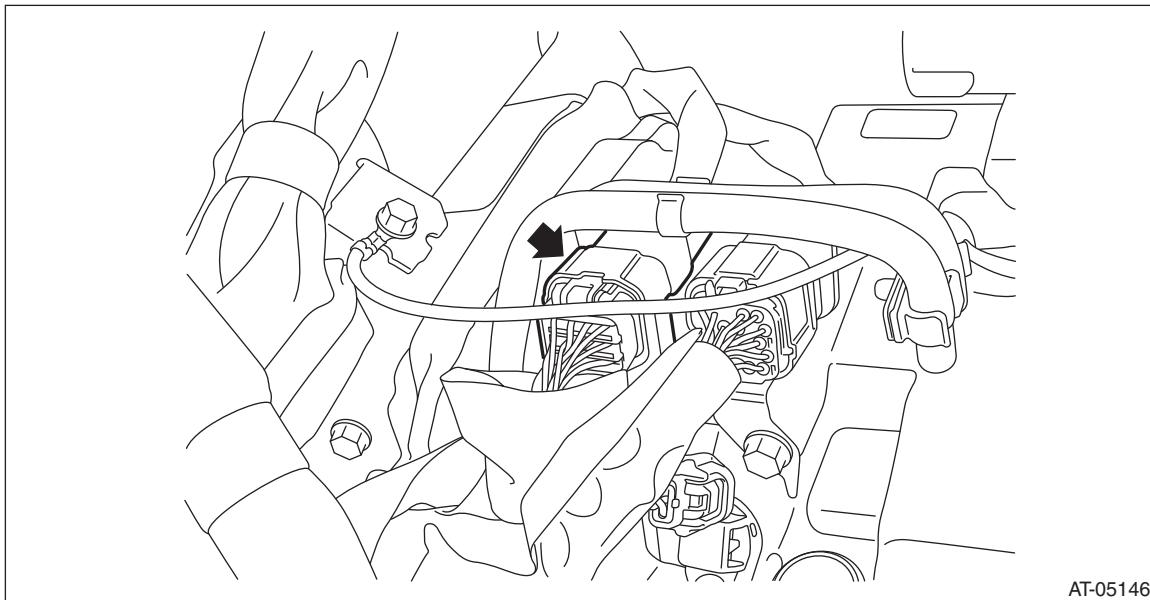


15. Inhibitor Switch

A: INSPECTION

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

- 1) Remove the air intake boot assembly. <Ref. to IN(H4SO)-8, REMOVAL, Air Intake Boot.>
- 2) Disconnect the inhibitor harness connector.



- 3) Check for continuity in inhibitor switch circuit by shifting the select lever in "P", "R", "N" and "D" respectively.

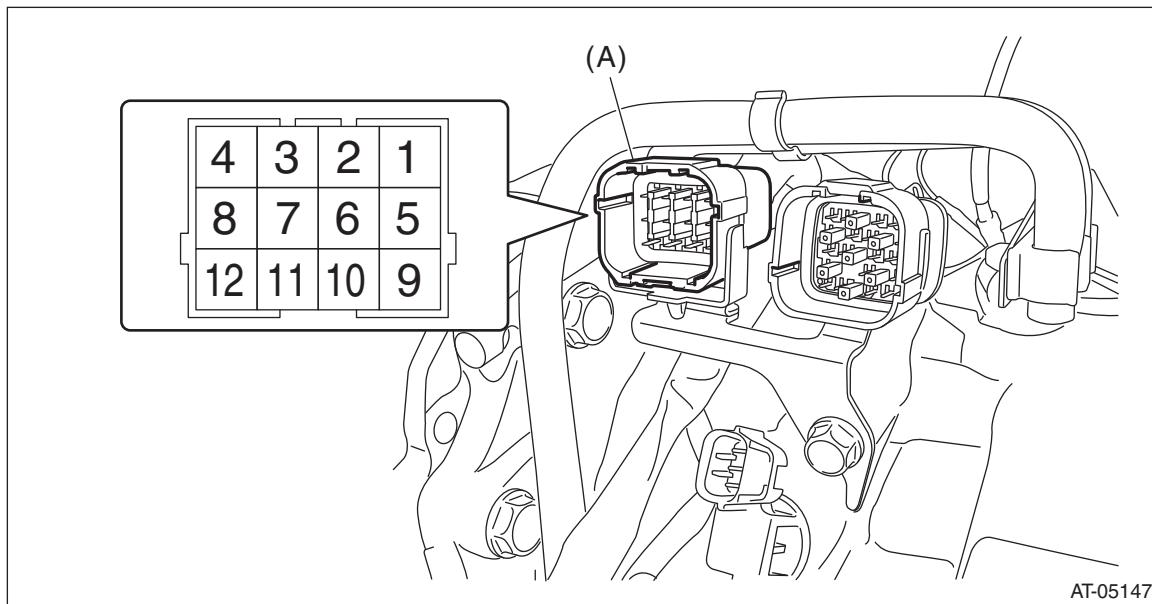
NOTE:

- Check that there is no continuity in the ignition circuit when the select lever is in the "R" and "D" ranges.
- When inhibitor switch is normal, check there is no poor contact in vehicle side connector and no open circuit in harness.

	Range	Terminal No.
Signal sent to TCM	P	4 — 3
	R	4 — 2
	N	4 — 1
	D	4 — 8
Starter circuit	P/N	12 — 11
Back-up light circuit	R	10 — 9

Inhibitor Switch

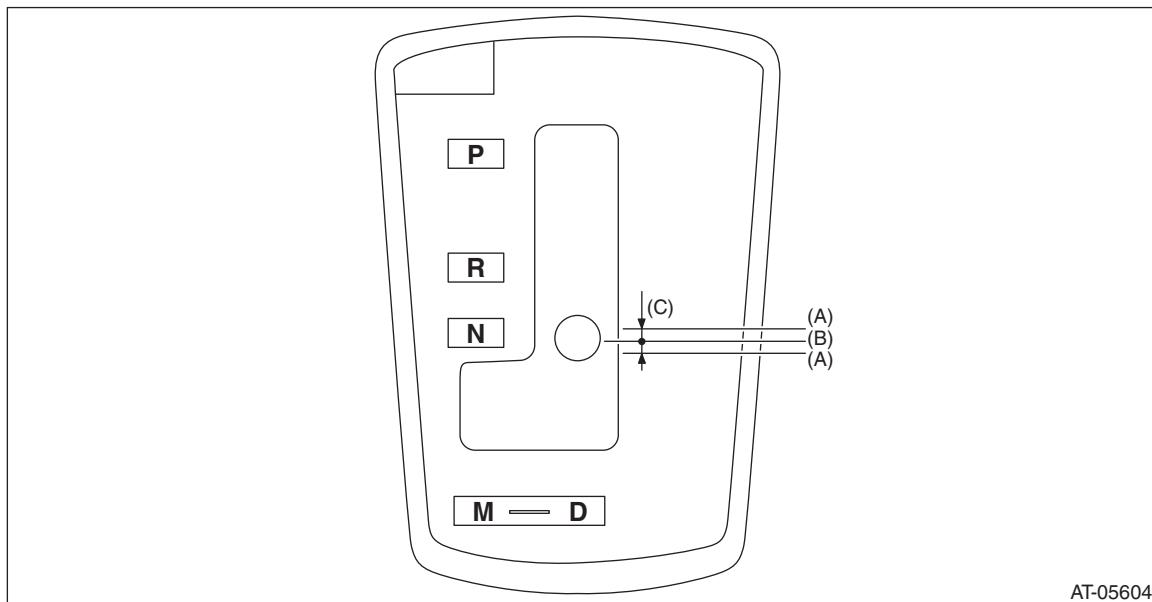
CONTINUOUSLY VARIABLE TRANSMISSION



(A) Inhibitor harness connector

4) Check that there is continuity at equal points when the select lever is tilted 1.5° in both directions from the "N" range.

If there is continuity in only one direction or in other points, adjust the inhibitor switch. <Ref. to CVT-96, ADJUSTMENT, Inhibitor Switch.>



(A) Continuity does not exist.

(B) Continuity exists.

(C) 1.5°

5) Repeat the above inspection in other gear ranges. If there is fault, adjust the inhibitor switch and select cable. <Ref. to CVT-96, ADJUSTMENT, Inhibitor Switch.> <Ref. to CS-49, ADJUSTMENT, Select Cable.>

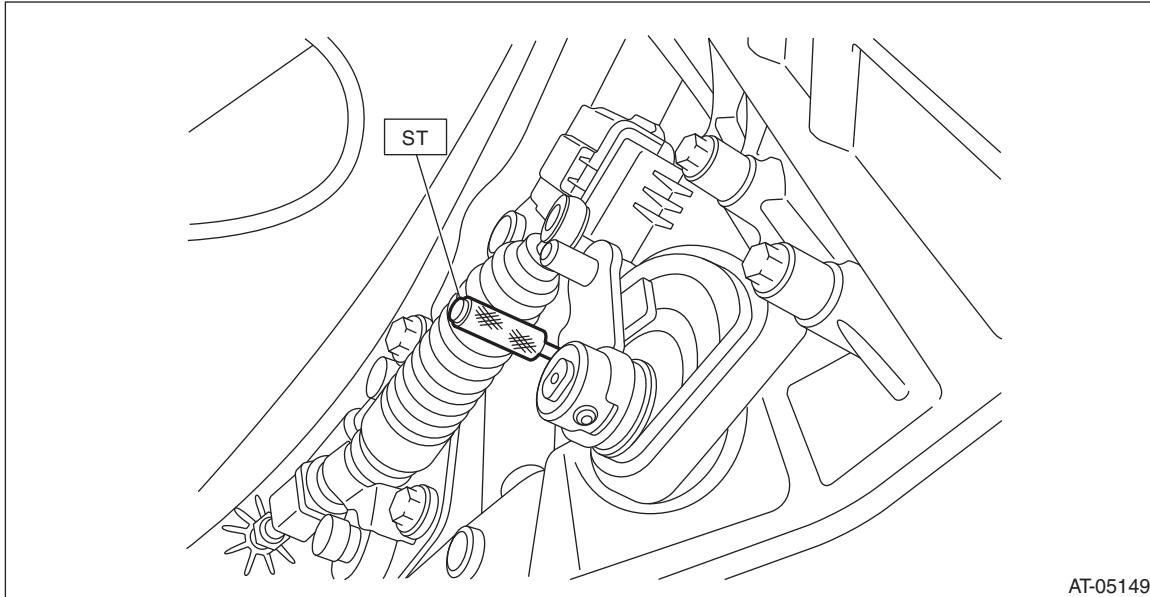
Inhibitor Switch

CONTINUOUSLY VARIABLE TRANSMISSION

B: ADJUSTMENT

- 1) Shift the select lever to "N" range.
- 2) Loosen the two bolts holding the inhibitor switch.
- 3) Insert the ST vertically into the holes of the shifter arm and switch body.

ST 499267300 STOPPER PIN



- 4) Tighten the two bolts holding the inhibitor switch.

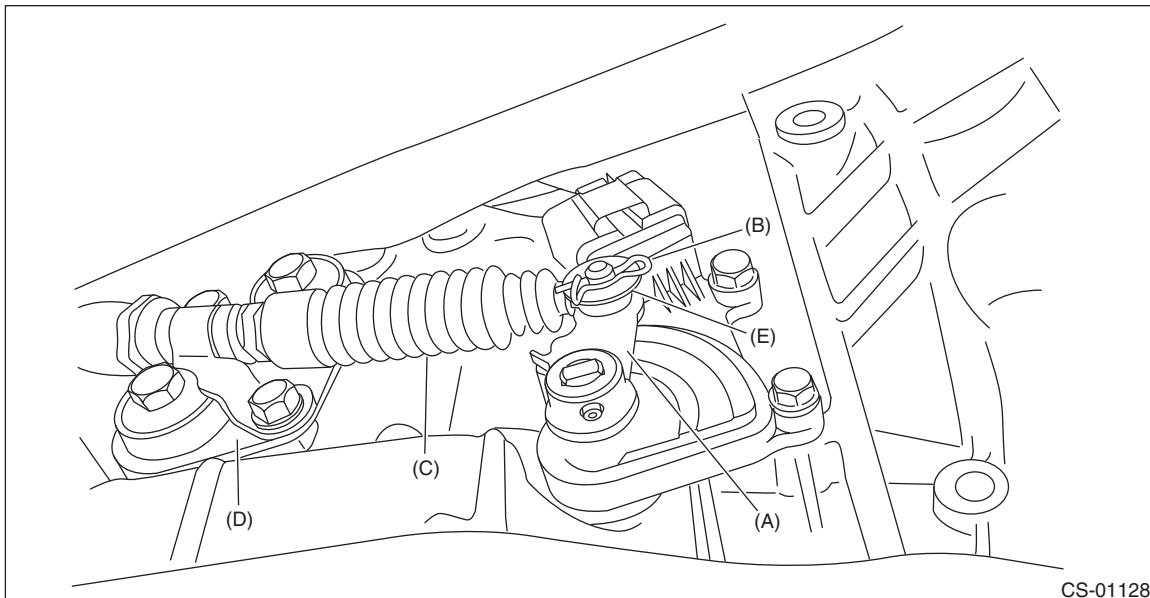
Tightening torque:

5 N·m (0.5 kgf·m, 3.7 ft-lb)

- 5) Repeat the inspection of the inhibitor switch. If the inhibitor switch is determined to be "faulty", replace it.

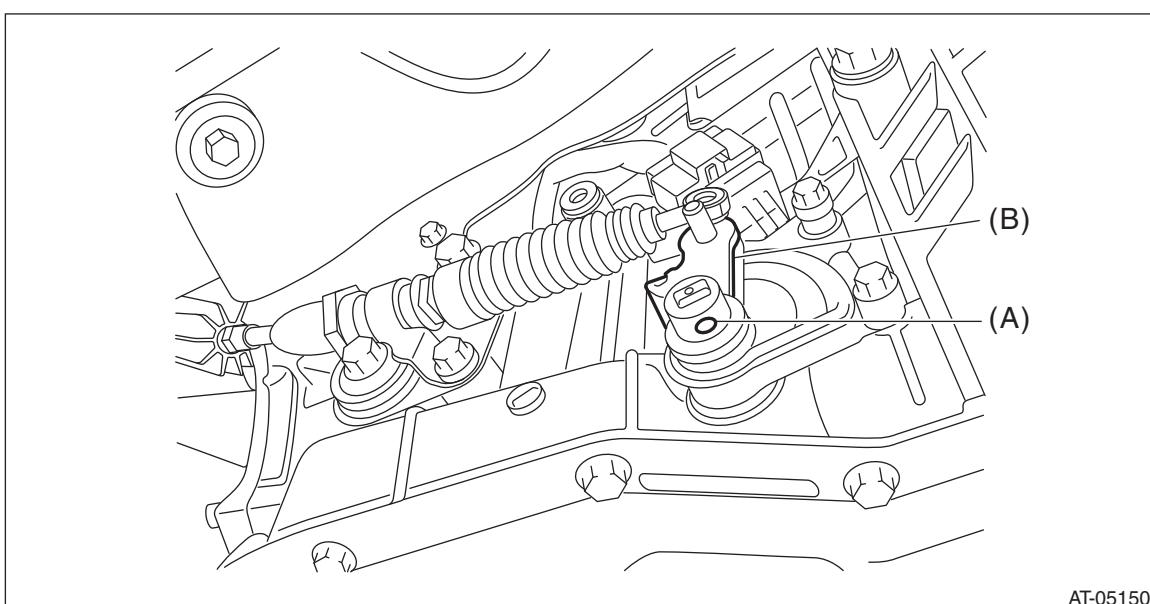
C: REMOVAL

- 1) Set the vehicle on a lift.
- 2) Shift the select lever to "N" range.
- 3) Disconnect the ground cable from battery.
- 4) Lift up the vehicle.
- 5) Remove the center exhaust pipe. <Ref. to EX(H4SO)-7, REMOVAL, Center Exhaust Pipe.>
- 6) Remove the snap pin and washer from the shifter arm.



- (A) Shifter arm
- (B) Snap pin
- (C) Select cable
- (D) Plate ASSY
- (E) Washer

- 7) Using the ST, remove the spring pin and shifter arm.
ST 398791600 REMOVER

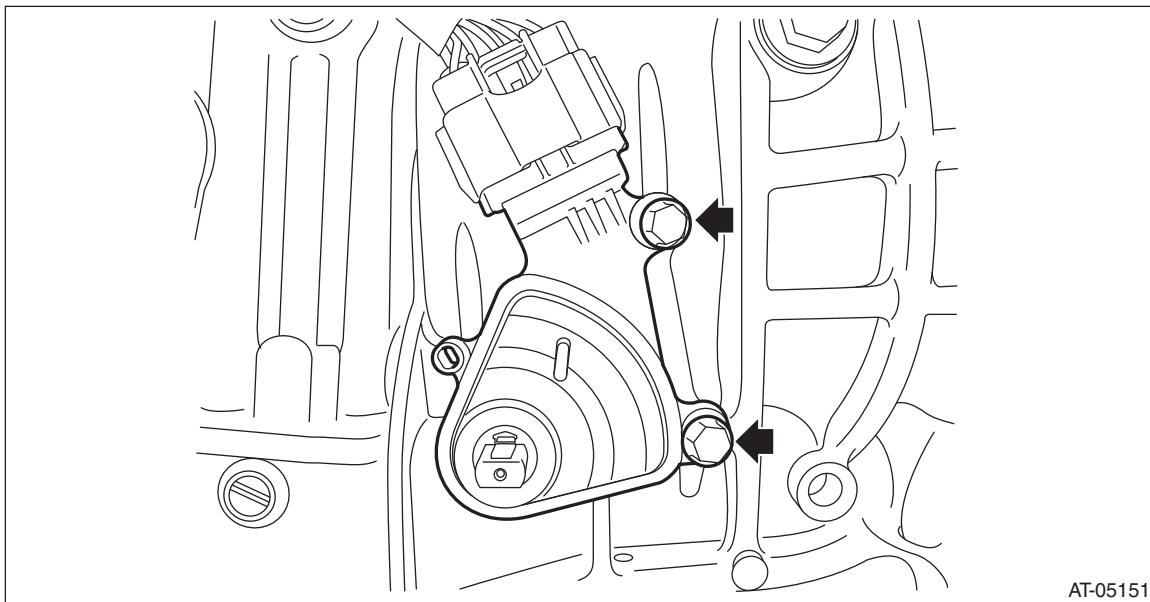


- (A) Spring pin
- (B) Shifter arm

Inhibitor Switch

CONTINUOUSLY VARIABLE TRANSMISSION

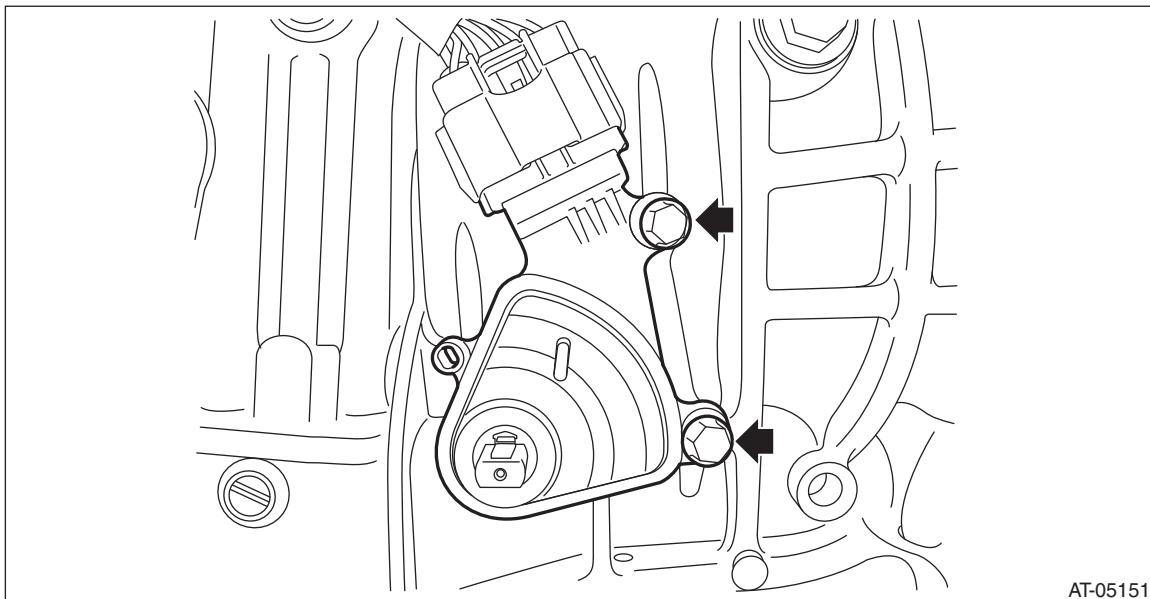
- 8) Remove the inhibitor harness connector from inhibitor switch.
- 9) Remove the two inhibitor switch securing bolts.



- 10) Remove the inhibitor switch from the transmission case.

D: INSTALLATION

- 1) Install the inhibitor switch to the transmission case temporarily.



- 2) Connect the inhibitor harness connector to the inhibitor switch.

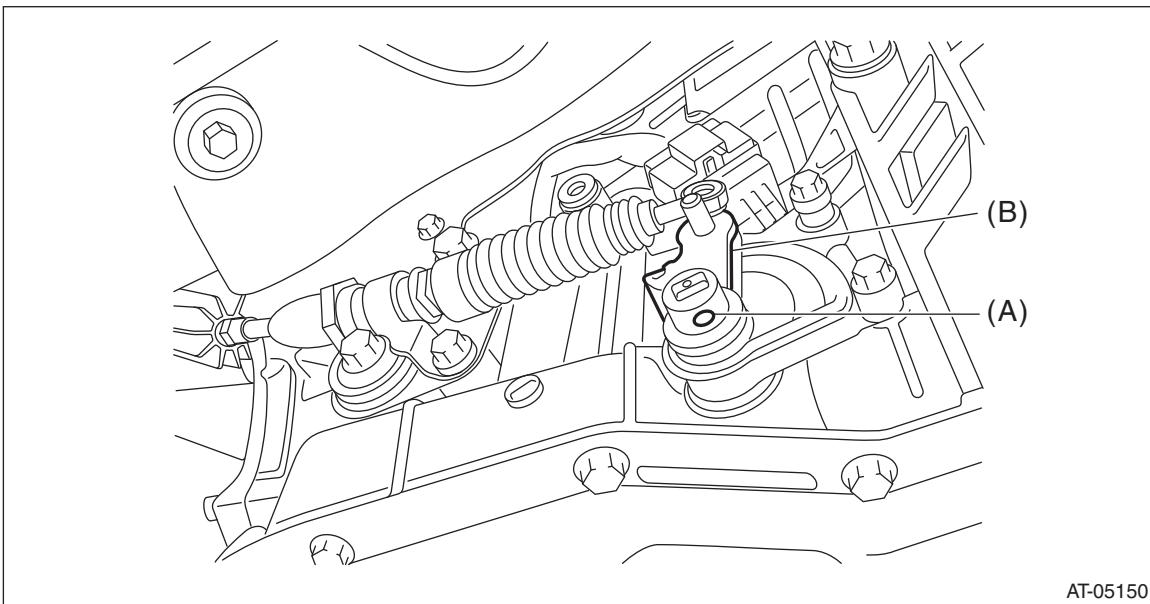
Inhibitor Switch

CONTINUOUSLY VARIABLE TRANSMISSION

- 3) Install the shifter arm and fix with the spring pin.

NOTE:

Use new spring pin.



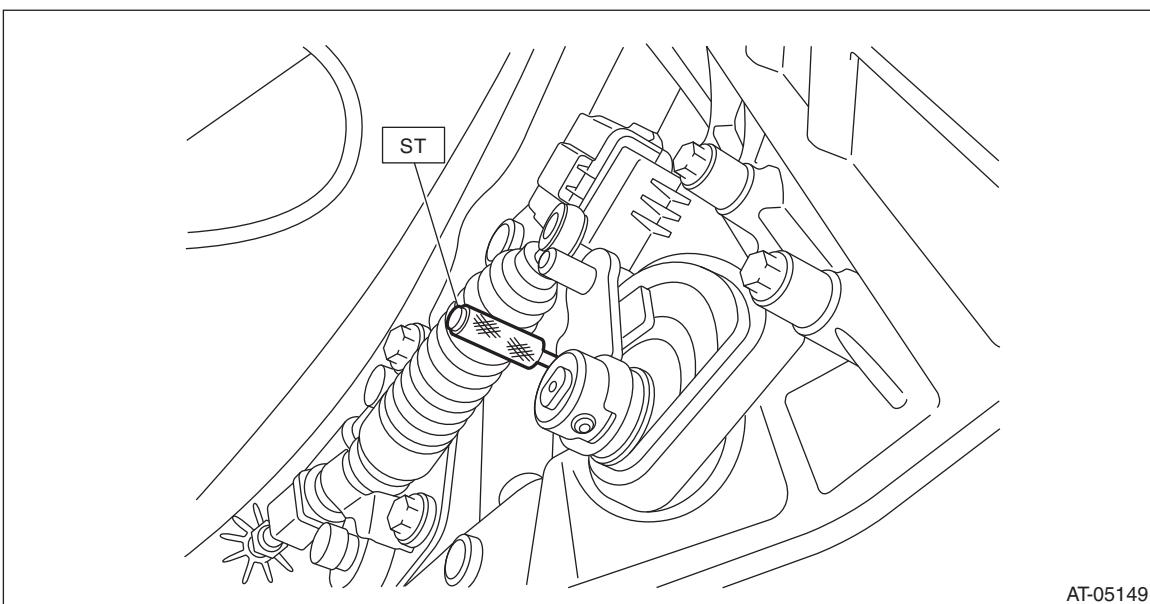
(A) Spring pin

(B) Shifter arm

- 4) Shift the shifter arm to "N" range.

- 5) Install the ST vertically in the cutout of shifter arm and the hole of switch body.

ST 499267300 STOPPER PIN



- 6) Tighten the two bolts holding the inhibitor switch.

Tightening torque:

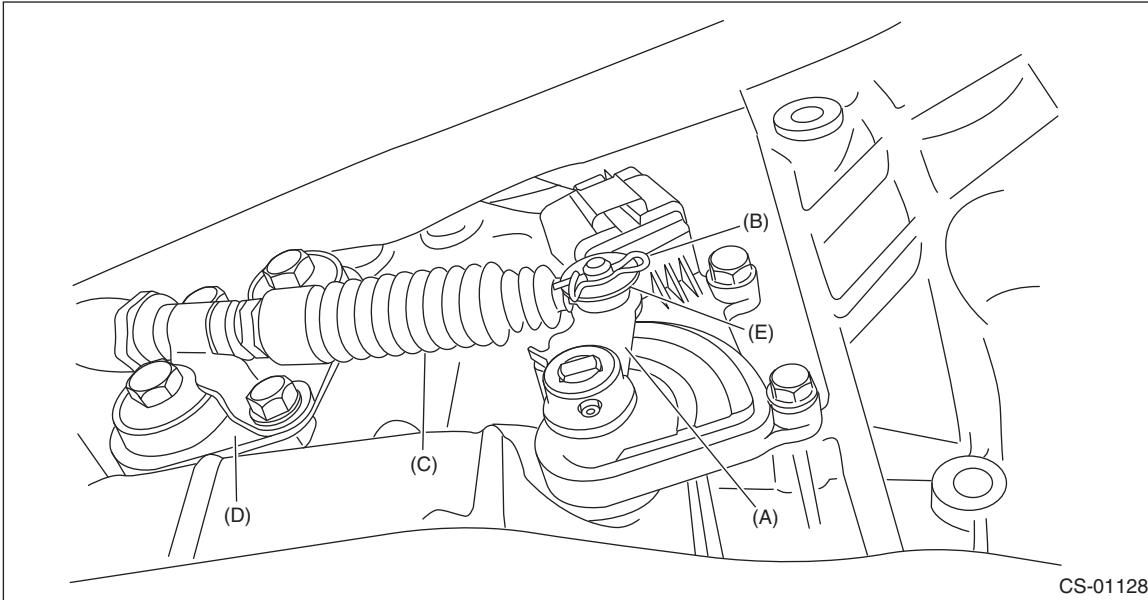
5 N·m (0.5 kgf·m, 3.7 ft-lb)

- 7) Install the select cable to the shifter arm.

Inhibitor Switch

CONTINUOUSLY VARIABLE TRANSMISSION

8) Install the washer and snap pin to the shifter arm.



- (A) Shifter arm
- (B) Snap pin
- (C) Select cable
- (D) Plate ASSY
- (E) Washer

9) Install the center exhaust pipe. <Ref. to EX(H4SO)-7, INSTALLATION, Center Exhaust Pipe.>

10) Lower the vehicle.

11) Connect the ground cable to battery.

12) Check the inhibitor switch. <Ref. to CVT-94, INSPECTION, Inhibitor Switch.>