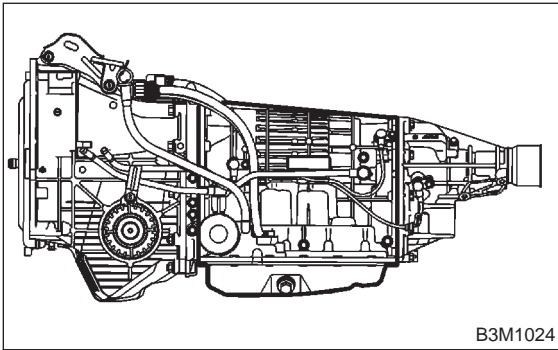


2. Inhibitor Switch

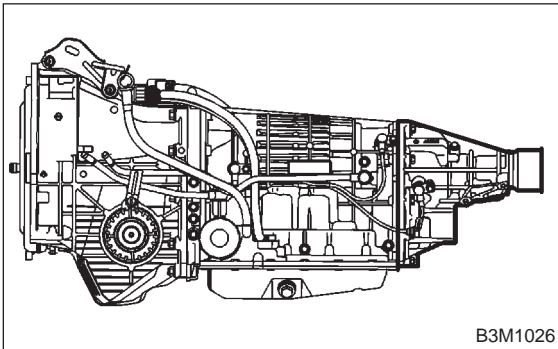
4) Automatic transmission case

- Transmission case (Defective casting)
- Mating surface of oil pan
- O-ring on the test plugs
- Oil supply pipe connector
- ATF cooler pipe connector and gasket
- Oil pan drain plug
- O-ring on the transmission harness holder
- Oil pump plugs
- ATF breather
- Select lever oil seal
- O-ring on the vehicle speed sensor 2 (Front)
- O-ring on the turbine revolution sensor
- ATF filter oil seal



5) Extension case

- Extension case (Defective casting)
- O-ring on the vehicle speed sensor 1 (Rear)
- Rear drive shaft oil seal
- O-ring on the test plugs



2. Inhibitor Switch

A: INSPECTION

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

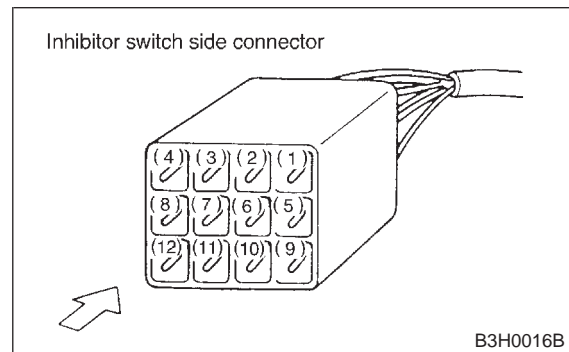
CAUTION:

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

NOTE:

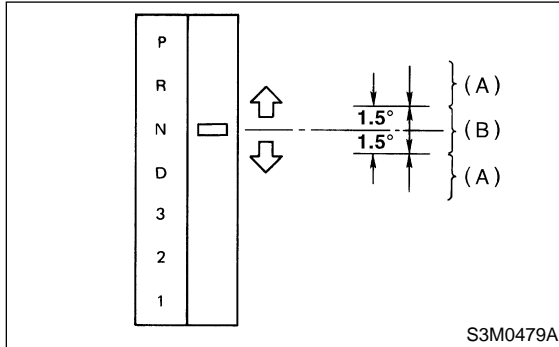
If inhibitor switch is inoperative, check for poor contact of connector on transmission side.

	Position	Pin No.
Signal sent to TCM	P	4 — 3
	R	4 — 2
	N	4 — 1
	D	4 — 8
	3	4 — 7
	2	4 — 6
	1	4 — 5
Ignition 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 the 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 select cable. <Ref. to 3-3 [W2A0].>

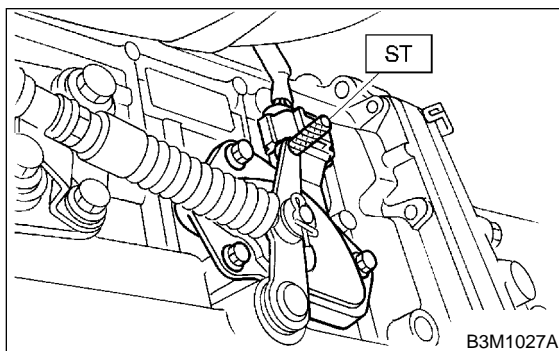


- (A) Continuity does not exist.
- (B) Continuity exists.

4) Repeat the above checks. If there are any abnormalities, adjust inhibitor switch. <Ref. to 3-2 [W2B0].>

B: ADJUSTMENT

- 1) Shift the select lever to the N range.
 - 2) Loosen the three inhibitor switch securing bolts.
 - 3) Insert ST as vertical as possible into the holes in the inhibitor switch lever and switch body.
- ST 499267300 STOPPER PIN



4) Tighten the three inhibitor switch bolts.

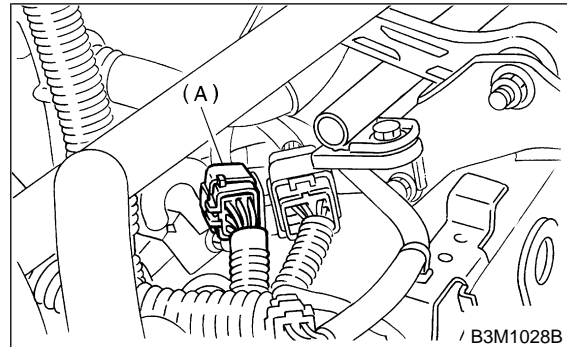
Tightening torque:

3.4±0.5 N·m (0.35±0.05 kg·m, 2.5±0.4 ft-lb)

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

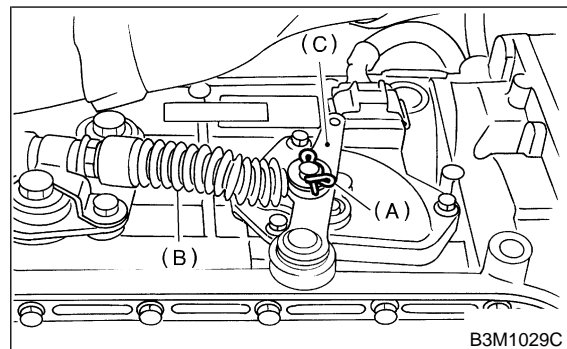
C: REMOVAL

- 1) Move select lever to neutral position.
- 2) Remove air cleaner case and duct. <Ref. to 2-7 [W1A0].>
- 3) Disconnect inhibitor switch connector.



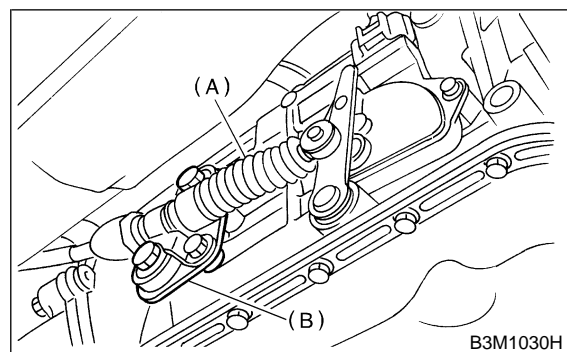
(A) Inhibitor switch

- 4) Remove front exhaust pipe. <Ref. to 2-9 [W1A0].>
- 5) Remove snap pin from range select lever.



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

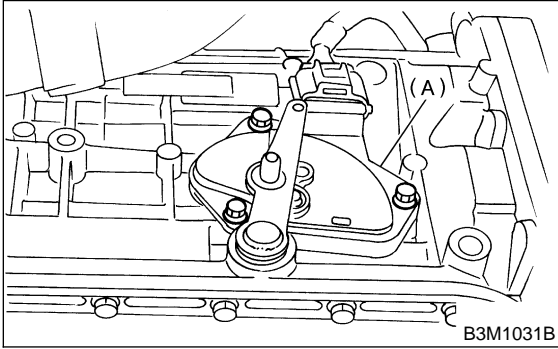
6) Remove plate assembly from transmission case.



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

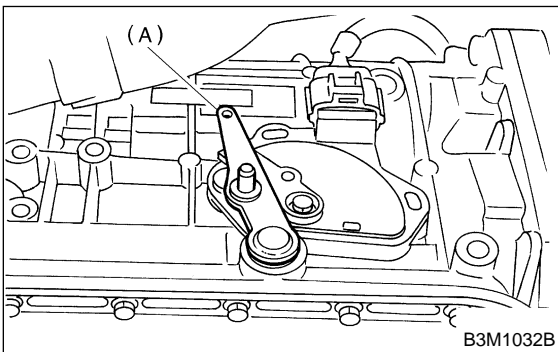
2. Inhibitor Switch

7) Remove bolts.



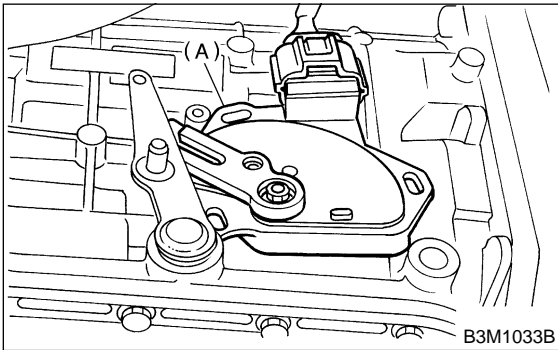
(A) Inhibitor switch

8) Move range select lever to parking position (left side).



(A) Range select lever

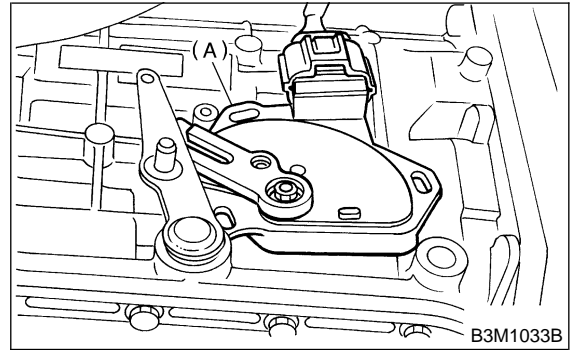
9) Remove inhibitor switch from transmission.



(A) Inhibitor switch

D: INSTALLATION

1) Install inhibitor switch to transmission case.

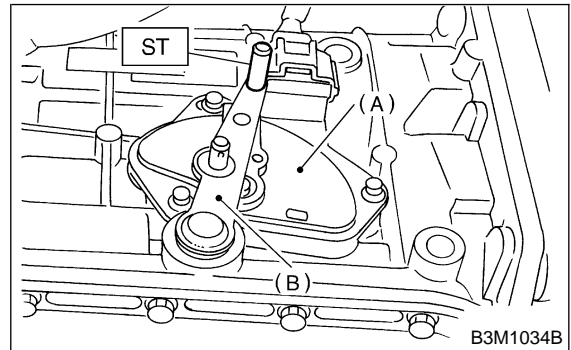


(A) Inhibitor switch

2) Move range select lever to neutral position.

3) Using ST, tighten bolts of inhibitor switch. <Ref. to 3-2 [W2B0].>

ST 499267300 STOPPER PIN



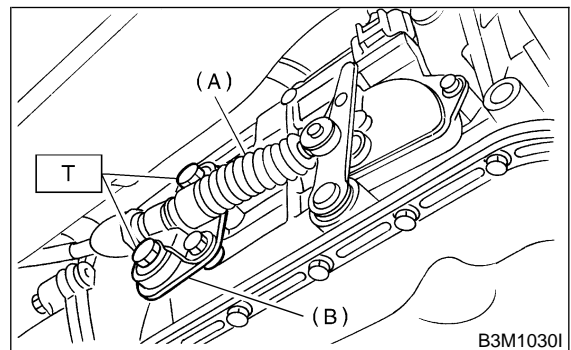
(A) Inhibitor switch
(B) Range select lever

4) Install select cable to range select lever.

5) Install plate assembly to transmission.

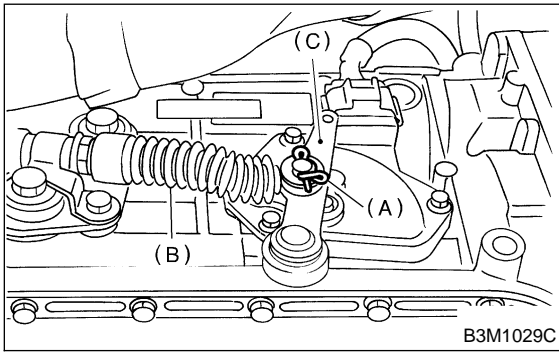
Tightening torque:

T: 24.5±2.0 N·m (2.5±0.2 kg·m, 18.1±1.4 ft·lb)



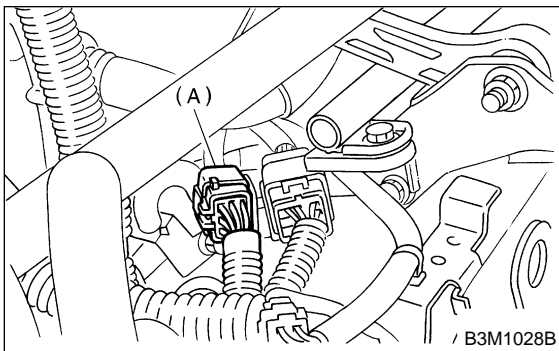
(A) Select cable
(B) Plate ASSY

6) Install snap pin to range select lever.



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

7) Install front exhaust pipe. <Ref. to 2-9 [W1B0].>
8) Connect inhibitor switch connector.



- (A) Inhibitor switch

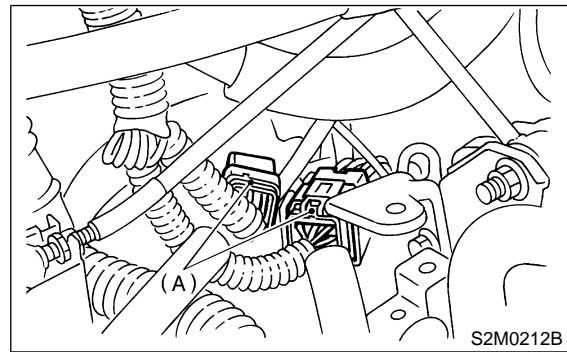
9) Install air cleaner case and duct. <Ref. to 2-7 [W1A0].>

3. Sensor (in transmission)

A: INSPECTION

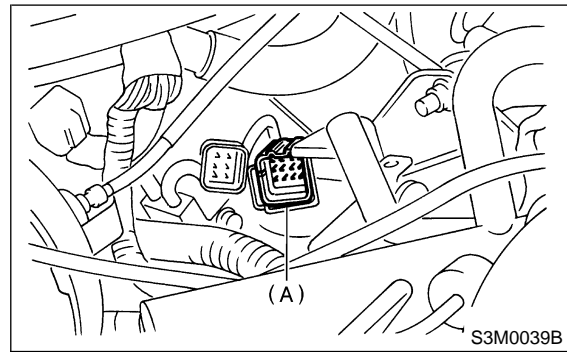
1) Remove air cleaner case and duct. <Ref. to 2-7 [W1A0].>

2) Disconnect transmission connector.



- (A) Transmission harness connector

3) Check each sensor, solenoid and ground system for short circuits.



- (A) Transmission connector