

11. Inhibitor Switch S502243

A: INSPECTION S502243A10

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.

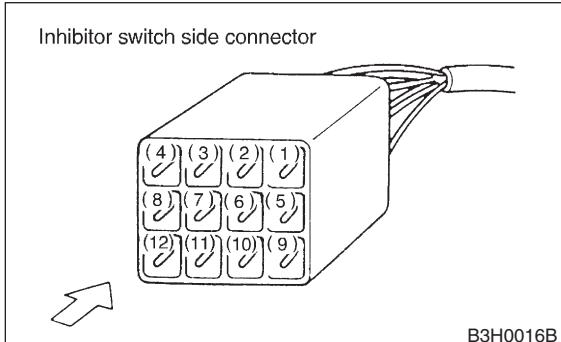
CAUTION:

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

NOTE:

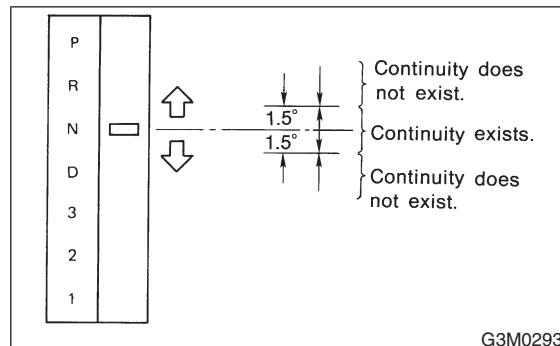
If inhibitor switch is inoperative, check for poor contact of connector on transmission side.

	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.

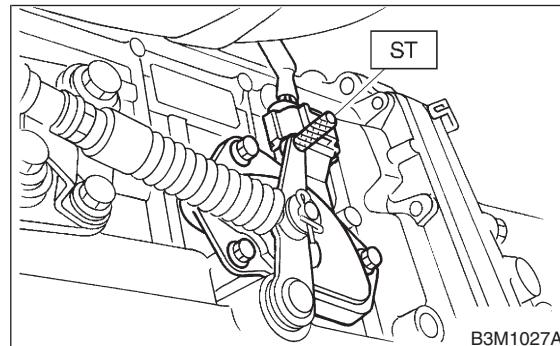
If there is continuity in one direction and the continuity in the other or if there is continuity at unequal points, adjust the inhibitor switch.



B: ADJUSTMENT S502243A01

- 1) Loosen the three inhibitor switch securing bolts.
- 2) Shift the select lever to the N range.
- 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.

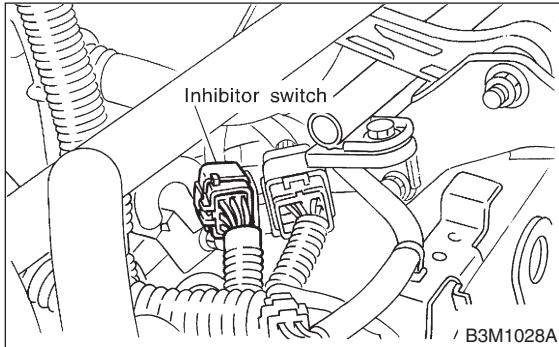
Tightening torque:

3.4 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.

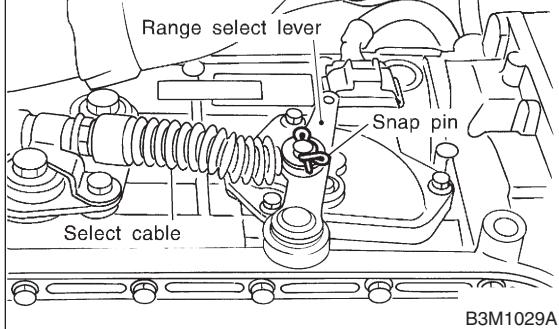
C: REMOVAL S502243A18

- 1) Move select lever to neutral position.
- 2) Remove air cleaner case <Ref. to IN-4 REMOVAL, Air Cleaner Case.> and air intake duct. <Ref. to IN-5 REMOVAL, Air Intake Duct.>
- 3) Disconnect inhibitor switch connector.

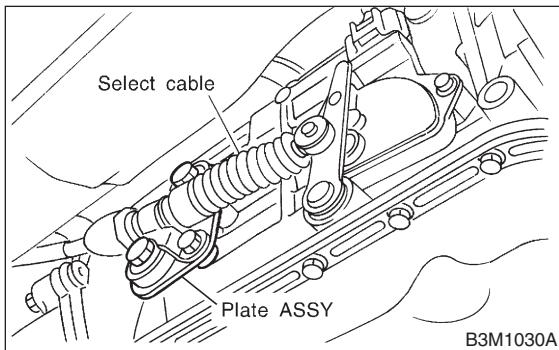


- 4) Remove front exhaust pipe <Ref. to EX-6 REMOVAL, Front Exhaust Pipe.> and center exhaust pipe. <Ref. to EX-9 REMOVAL, Center Exhaust Pipe.>

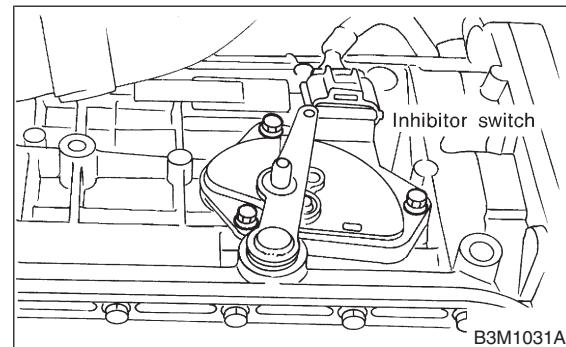
5) Remove snap pin from range select lever.



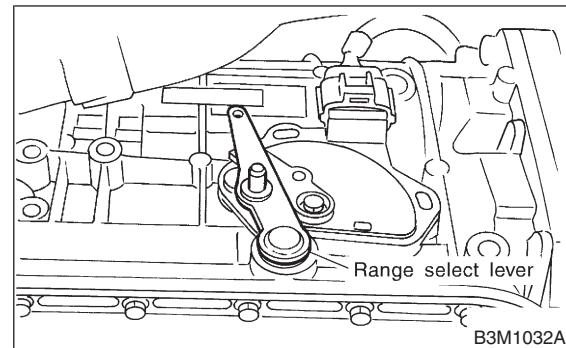
- 6) Remove plate assembly from transmission case.



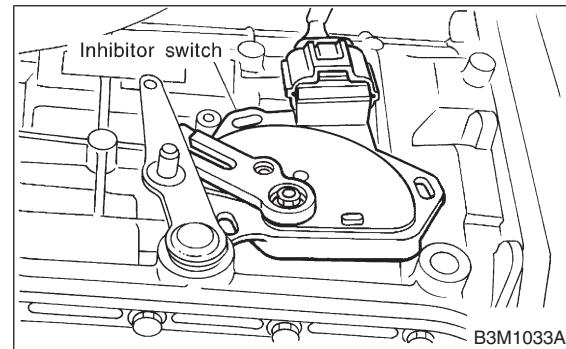
- 7) Remove bolts.



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



- 9) Remove inhibitor switch from transmission.



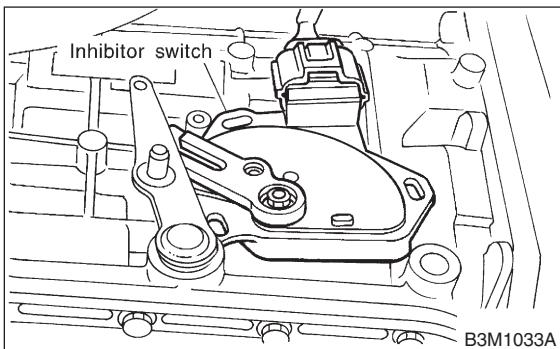
INHIBITOR SWITCH

Automatic Transmission

D: INSTALLATION

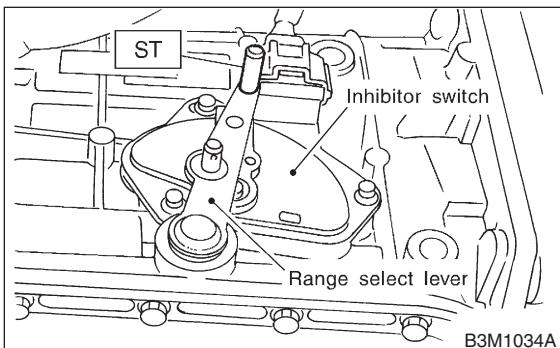
S502243A11

- 1) Install inhibitor switch to transmission case.



- 2) Move range select lever to neutral position.
- 3) Using ST, tighten bolts of inhibitor switch. <Ref. to AT-30 ADJUSTMENT, Inhibitor Switch.>

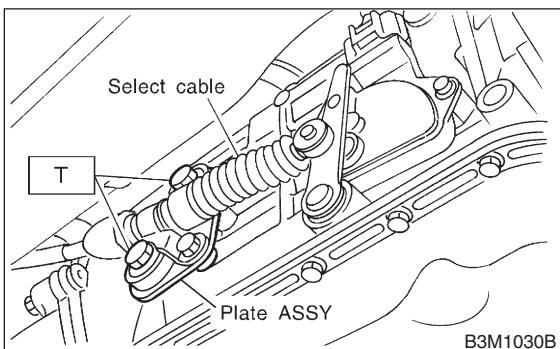
ST 499267300 STOPPER PIN



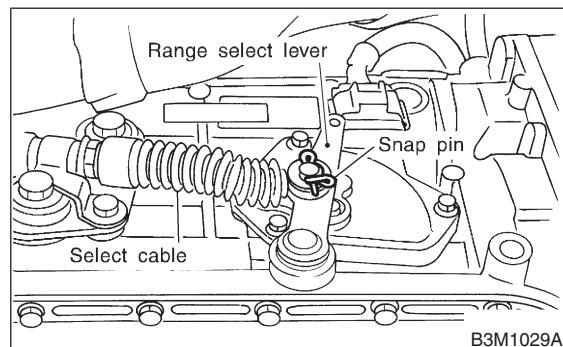
- 4) Install select cable to range select lever.
- 5) Install plate assembly to transmission.

Tightening torque:

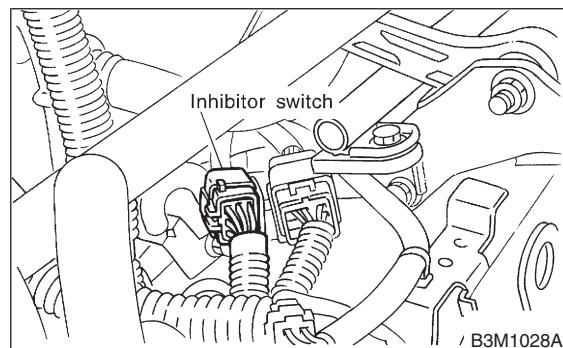
T: 25 N·m (2.5 kgf-m, 18.1 ft-lb)



- 6) Install snap pin to range select lever.



- 7) Install front exhaust pipe <Ref. to EX-7 INSTALLATION, Front Exhaust Pipe.> and center exhaust pipe. <Ref. to EX-9 INSTALLATION, Center Exhaust Pipe.>
- 8) Connect inhibitor switch connector.



- 9) Install air cleaner case <Ref. to IN-4 INSTALLATION, Air Cleaner Case.> and air intake duct. <Ref. to IN-5 INSTALLATION, Air Intake Duct.>