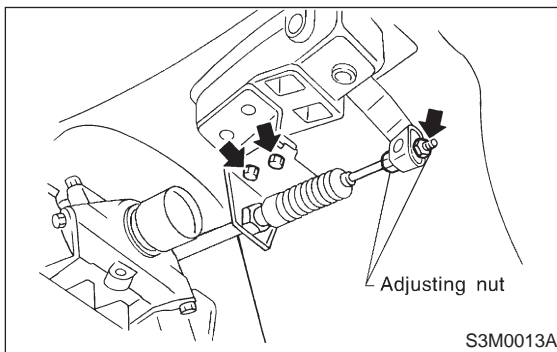


2. Inhibitor Switch

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 cable end from select lever.
- 2) Disconnect inhibitor switch connector.
- 3) Check continuity in inhibitor switch circuits with select lever moved to each position.

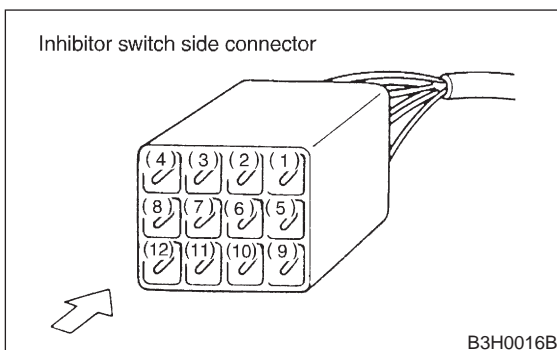
CAUTION:

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

NOTE:

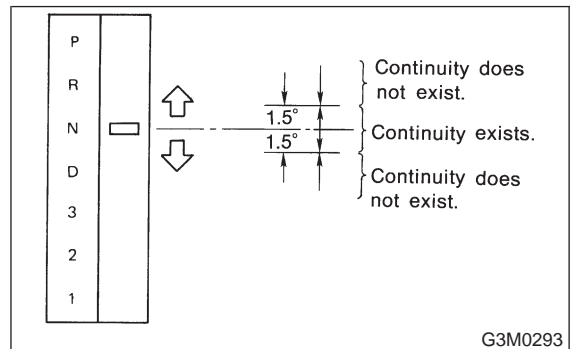
If inhibitor switch is inoperative, check for poor contact of connector on transmission side.

| | 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 |



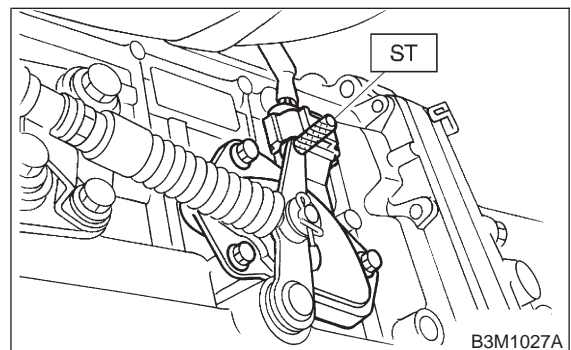
- 4) Check if there is continuity at equal points when the select lever is turned 1.5° in both directions from the N range.

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

- 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.

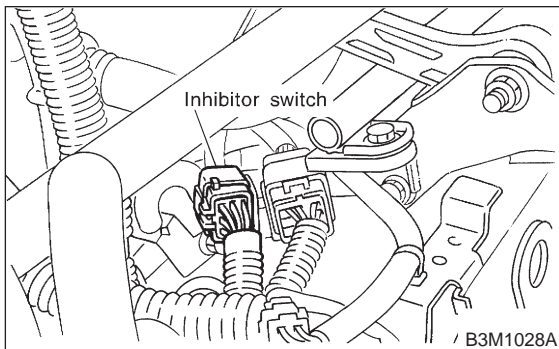
Tightening torque:

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

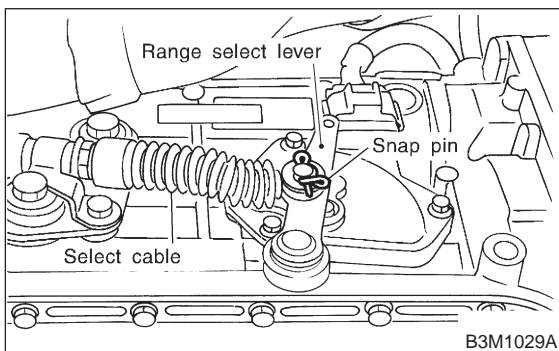
- 5) Repeat the above checks. If the inhibitor switch is determined to be “faulty”, replace it.

C: REMOVAL

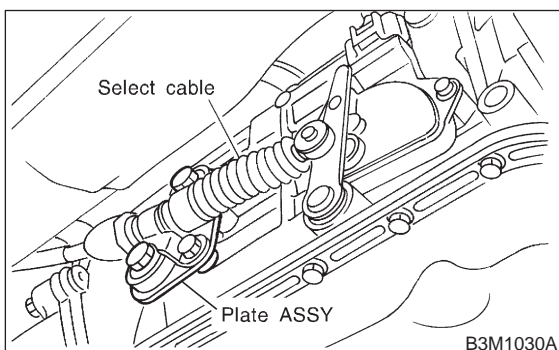
- 1) Move select lever to neutral position.
- 2) Remove air intake chamber and duct. (Except 2200 cc California spec. vehicles) <Ref. to 2-7 [W1A0].>
- 3) Remove air cleaner case and duct. (2200 cc California spec. vehicles) <Ref. to 2-7 [W1A0].> and <Ref. to 2-7 [W18A0].>
- 4) Disconnect inhibitor switch connector.



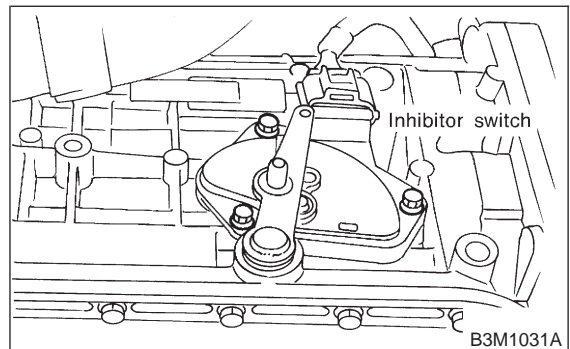
- 5) Remove front and center exhaust pipe. <Ref. to 2-9 [W1A0].>
- 6) Remove snap pin from range select lever.



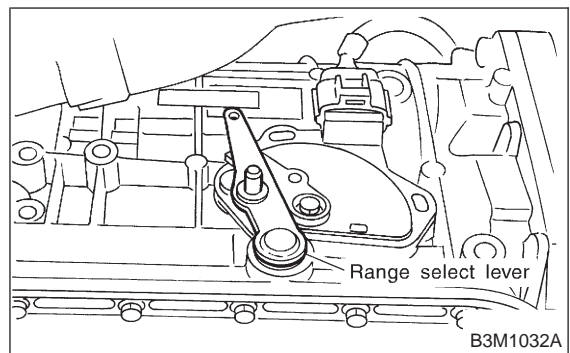
- 7) Remove plate assembly from transmission case.



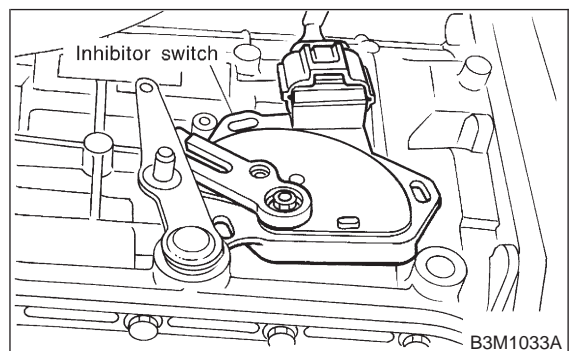
- 8) Remove bolts.



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

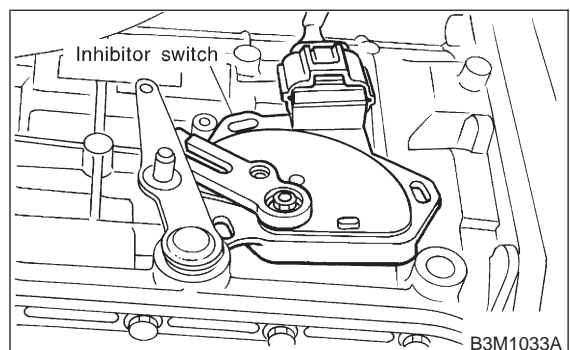


- 10) Remove inhibitor switch from transmission.



D: INSTALLATION

- 1) Install inhibitor switch to transmission case.



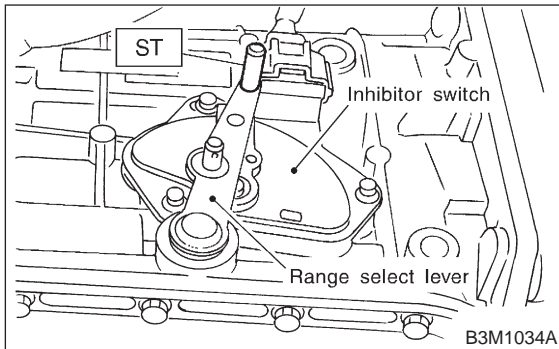
3-2 [W2D0]

2. Inhibitor Switch

SERVICE PROCEDURE

- 2) Move range select lever to neutral position.
- 3) Using ST, tighten bolts of inhibitor switch. <Ref. to 3-2 [W2B0].>

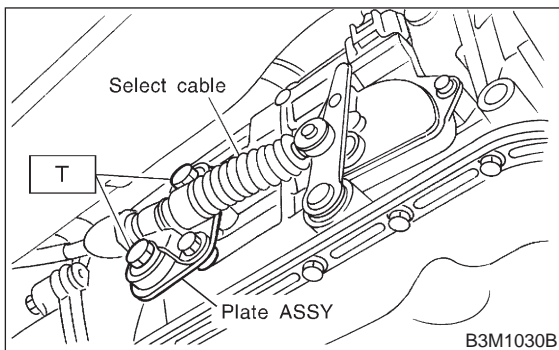
ST 499267300 STOPPER PIN



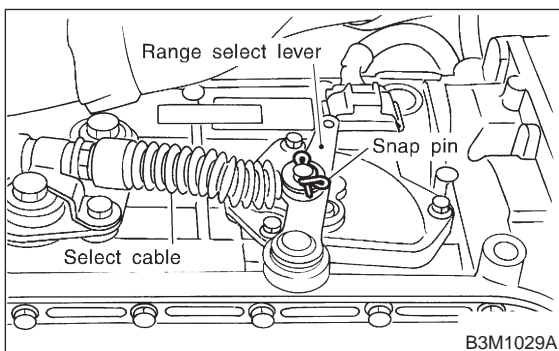
- 4) Install select cable to range select lever.
- 5) Install plate assembly to transmission.

Tightening torque:

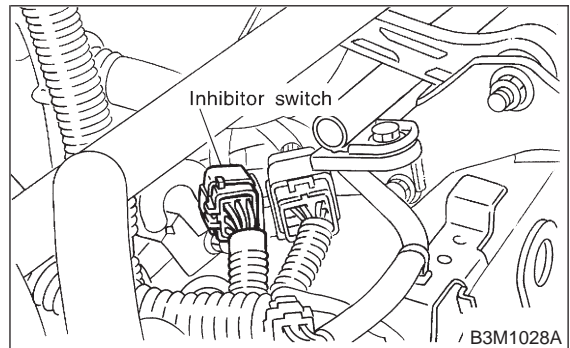
T: 24.5±2.0 N·m (2.50±0.20 kg·m, 18.1±1.4 ft·lb)



- 6) Install snap pin to range select lever.



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



- 9) Install air intake chamber and duct. (Except 2200 cc California spec. vehicles) <Ref. to 2-7 [W1A0].>
- 10) Install air cleaner case and duct. (2200 cc California spec. vehicles) <Ref. to 2-7 [W1A0].> and <Ref. to 2-7 [W18A0].>