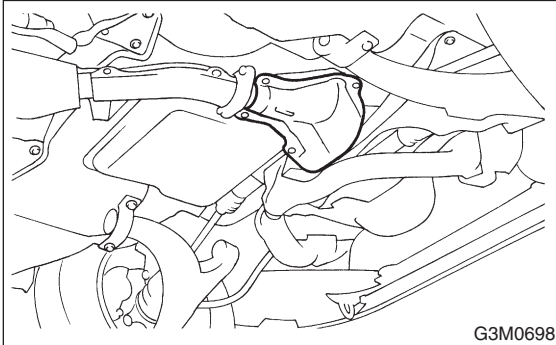


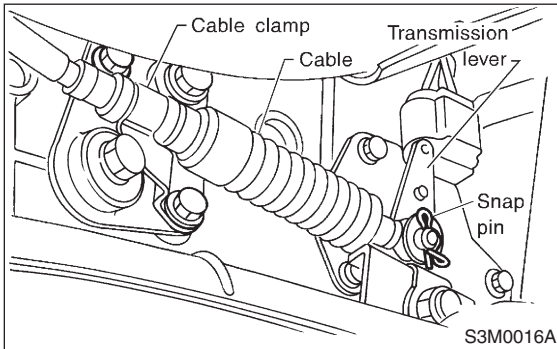
2. AT Select Lever S501548

A: REMOVAL S501548A18

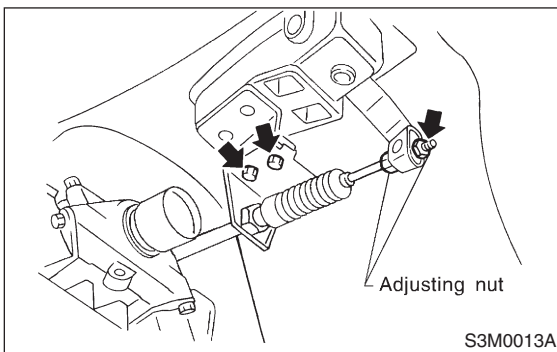
- 1) Remove the cable.
 - (1) Prior to removal, set lever to "N" position.
 - (2) Remove front exhaust pipe.



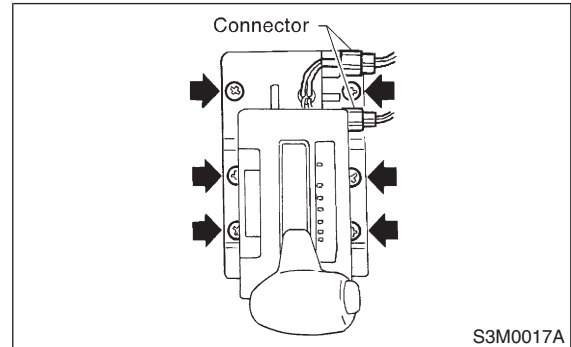
- (3) Separate cable from transmission lever.
- (4) Remove clamp from transmission case.



- (5) Disconnect cable from select lever and then remove cable bracket.



- 2) Remove console box. <Ref. to EI-24 REMOVAL, Console Box.>
- 3) Disconnect the connectors, then remove the six screws to take out the select lever assembly from the body.

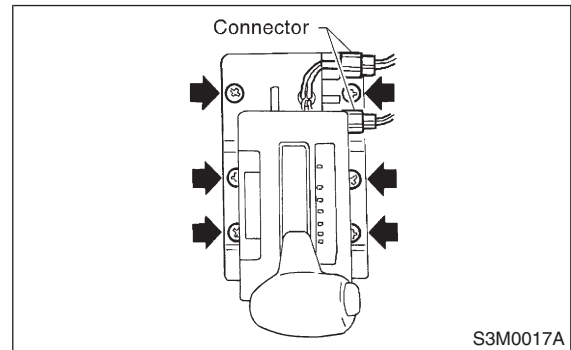


B: INSTALLATION S501548A11

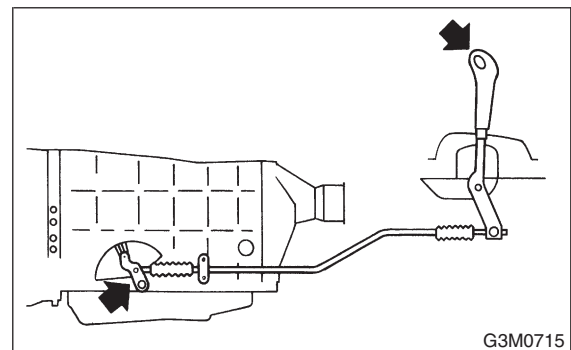
- 1) Mount the select lever onto the vehicle body.
- 2) Tighten the six bolts to install the select lever to the vehicle body, then connect connectors.

Tightening torque:

4.5 N·m (0.46 kgf·m, 3.3 ft·lb)



- 3) Install console box.
- 4) Set location of select lever at "N" position.
- 5) Set location of selector arm installed on the transmission body at "N" position.



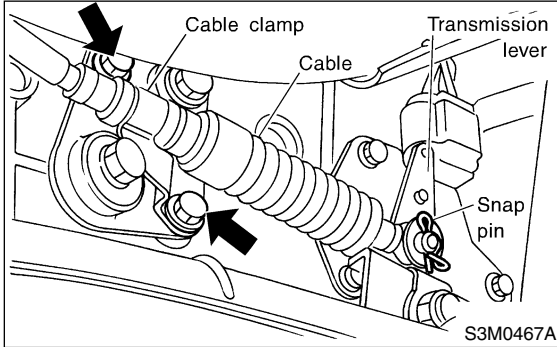
AT SELECT LEVER

Control Systems

- 6) Pass inner cable through selector arm pin and then connect it using a washer and snap pin.
- 7) Attach outer cable to plate on transmission case with the bolts.

Tightening torque:

33 N·m (3.4 kgf-m, 25 ft-lb)



- 8) Insert the thread portion of the other inner cable and into the connector hole of the select lever, and fix the other outer cable end to the bracket.

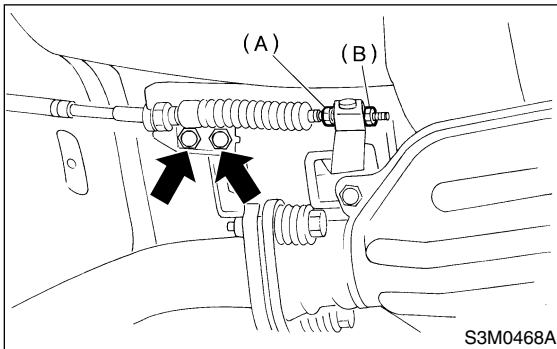
Tightening torque:

18 N·m (1.8 kgf-m, 13.0 ft-lb)

- 9) Adjust the inner cable length.
 - (1) Put connector into contact with nut (A).
 - (2) Tighten nut (B).

Tightening torque:

7.4 N·m (0.75 kgf-m, 5.4 ft-lb)



- 10) After completion of fitting, make sure that the select lever operates smoothly all across the operating range.

- 11) Connect the harnesses and check the following items.

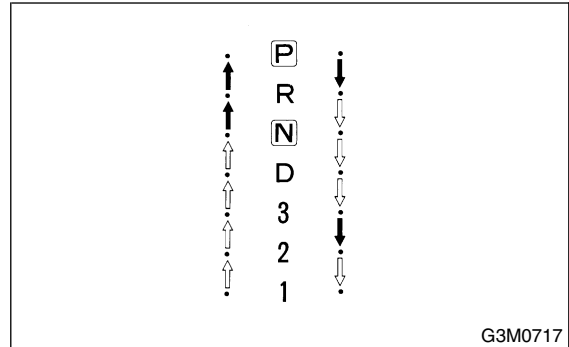
- (1) The engine starts operating when select lever is in position "P", but not in other positions.
- (2) The back-up light is lit when the select lever is in position "R", but not in other positions.

- 12) Check select lever operation.

WARNING:

Stop the engine while checking operation of select lever.

- (1) Check that select lever does not move from "N" to "R" without pushing the button.
- (2) Check that select lever does not move from "R" to "P" without pushing the button.
- (3) Check that select lever does not move from "P" to "R" without pushing the button.
- (4) Check that select lever does not move from "3" to "2" without pushing the button.



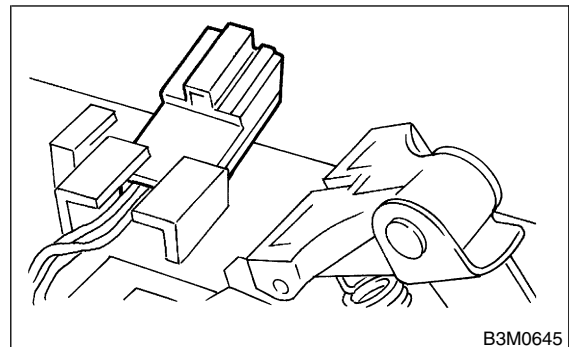
- 13) Check shift-lock system.

- (1) Ensure ignition switch rotates from "ACC" to "LOCK" when the select lever is set at "P". Also check that ignition key can be removed only from the "LOCK" position.
- (2) Ensure select lever moves from "P" to any other position when the brake pedal is depressed with ignition key set at "ON" or "START".

C: DISASSEMBLY

S501548A06

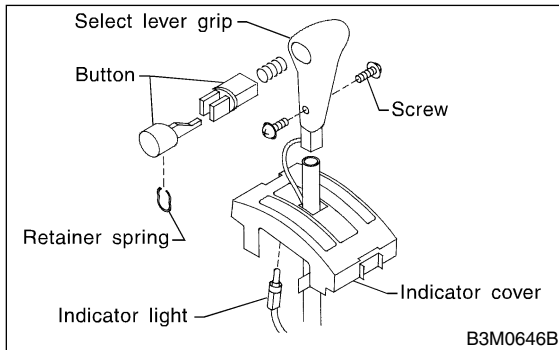
- 1) Remove connector from plate.



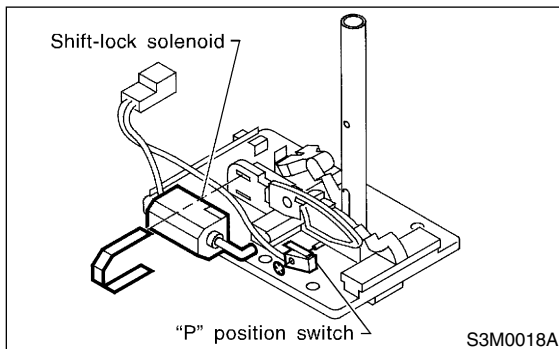
- 2) Remove indicator light and two screws.
- 3) Remove retainer spring, then pull up select lever grip with indicator cover for holding select lever button.

CAUTION:

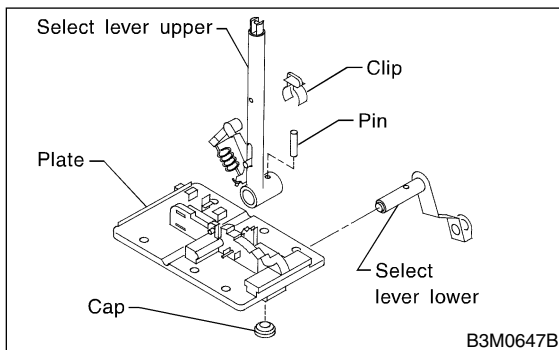
Pull the select lever grip carefully so that the select lever button may not jump out.



- 4) Remove shift-lock solenoid and "P" position switch.



- 5) Remove cap and clip, then extract pin.
- 6) Remove select lever lower then take away select lever upper from plate.



D: ASSEMBLY

S501548A02

- 1) Clean all parts before assembly.
- 2) Apply grease [NIGHTIGHT LYW No. 2 or equivalent] to each parts. <Ref. to CS-2 COMPONENT, General Description.>
- 3) Assemble in the reverse order of disassembly.
- 4) After completion of fitting, transfer select lever to range "P" — "1", pressing the button of the grip; then check whether the indicator and select lever agree, whether the pointer and position mark agree and what the operating force is.

E: INSPECTION

S501548A10

- 1) Inspect removed parts by comparing with new ones for deformation, damage and wear. Correct or replace if defective.
- 2) Confirm the following parts for operating condition before assembly.
 - (1) Sliding condition of the button in the grip ... it should move smoothly.
 - (2) Insertion of the grip on the select lever ... when pushing the grip on the select lever by hand, screw holes should be aligned.
 - (3) Operation of select lever and rod ... they should move smoothly.