

AT Shift Lock Solenoid and “P” Range Switch

CONTROL SYSTEMS

5. AT Shift Lock Solenoid and “P” Range Switch

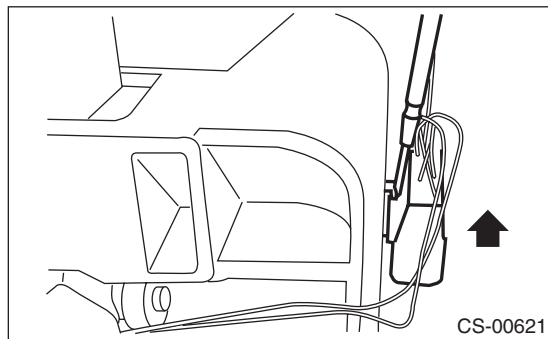
A: REMOVAL

NOTE:

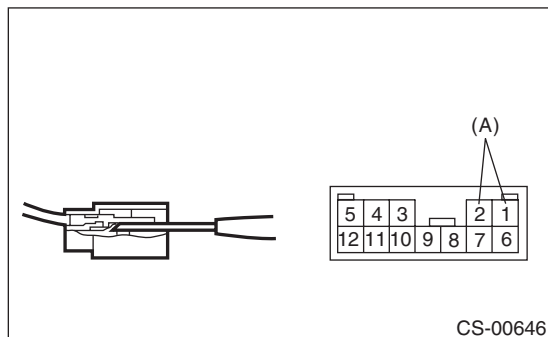
For removal of the mode change switch and the shift button switch, refer to the section on Select Levers. <Ref. to CS-21, DISASSEMBLY, Select Lever.>

1. “P” RANGE SWITCH

- 1) Remove the console box. <Ref. to EI-40, REMOVAL, Console Box.>
- 2) Disconnect the connector.
- 3) Remove the connector from the base plate using a flat-tip screwdriver.

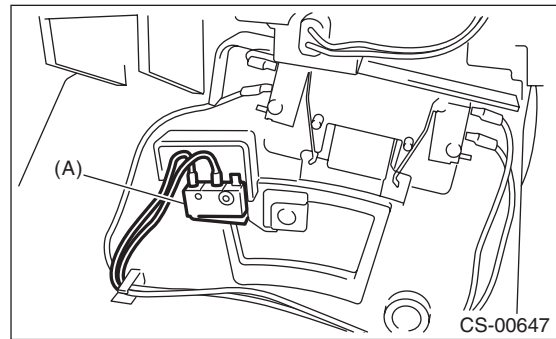


- 4) Disconnect the terminal of “P” range switch from connector, using a flat-tip screwdriver with thin tip.



(A) “P” range switch

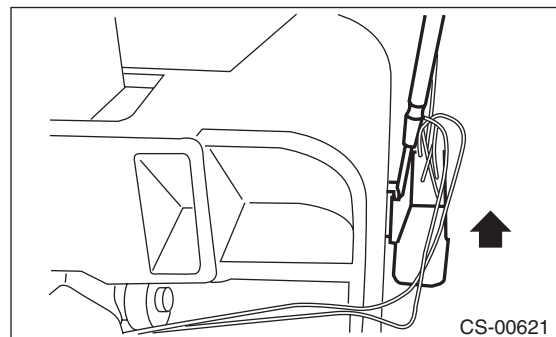
- 5) Remove the clip while being careful not to break the pin, then remove the P range switch.



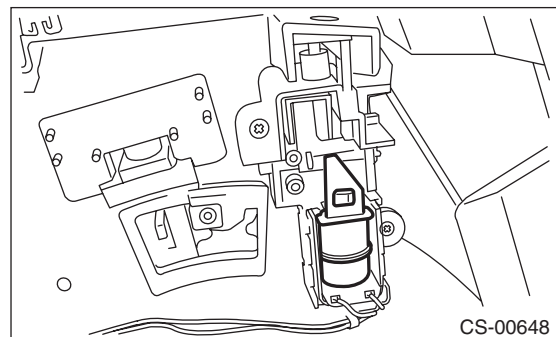
(A) “P” range switch

2. AT SHIFT LOCK SOLENOID

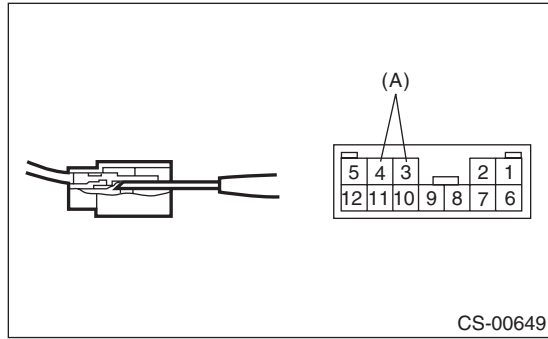
- 1) Remove the console box. <Ref. to EI-40, REMOVAL, Console Box.>
- 2) Disconnect the connector.
- 3) Remove the connector from the base plate using a flat-tip screwdriver.



- 4) Remove the AT shift lock solenoid.



5) Disconnect the terminal of AT shift lock solenoid from the connector, using a flat-tip screwdriver.



(A) AT shift lock solenoid

B: INSTALLATION

NOTE:

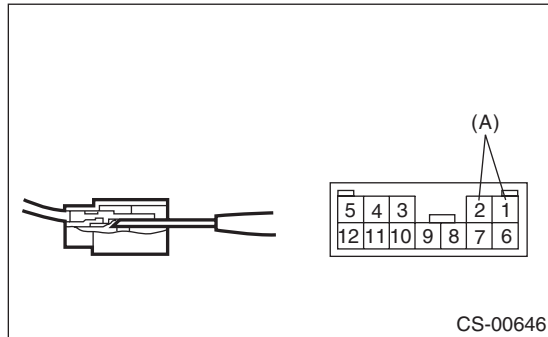
For installation of the mode change switch and the shift button switch, refer to the section on Select Levers. <Ref. to CS-26, ASSEMBLY, Select Lever.>

1. “P” RANGE SWITCH

Install in the reverse order of removal.

NOTE:

Connect the “P” range switch terminal to connector.



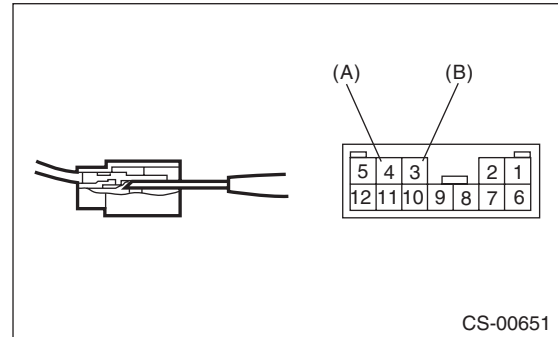
(A) “P” range switch (wire color: Red)

2. AT SHIFT LOCK SOLENOID

Install in the reverse order of removal.

NOTE:

Connect the AT shift lock solenoid switch terminal to connector.



(A) AT shift lock solenoid (color code: Black)

(B) AT shift lock solenoid (wire color: Blue)

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C: INSPECTION

	Step	Check	Yes	No
1	CHECK SHIFT LOCK SOLENOID. Measure the resistance of shift lock solenoid connector terminals. Terminals No. 4 — No. 3:	Is the resistance between 19.8 — 24.2 Ω ?	Go to step 2.	Replace the shift lock solenoid.
2	CHECK SHIFT LOCK SOLENOID. Connect the battery to shift lock solenoid connector terminal, and then operate the solenoid. Terminals No. 3 (+) — No. 4 (-):	Does the shift lock solenoid operate normally?	Go to step 3.	Replace the shift lock solenoid.
3	CHECK “P” RANGE SWITCH. 1) Move the select lever to “P” range. 2) Measure the resistance between “P” range switch connector terminals. Terminals No. 1 — No. 2:	Is the resistance less than 1 Ω ?	Go to step 4.	Replace the “P” range switch.
4	CHECK “P” RANGE SWITCH. 1) Set the select lever to a range other than the “P” range. 2) Measure the resistance between “P” range switch connector terminals. Terminals No. 1 — No. 2:	Is the resistance more than 1 M Ω ?	Normal	Replace the “P” range switch.