

# AT Shift Lock Solenoid and “P” Range Switch

## CONTROL SYSTEMS

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

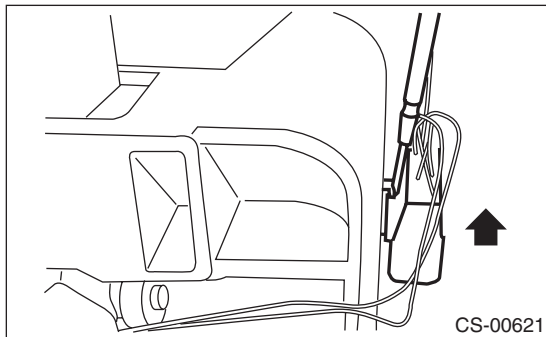
#### A: REMOVAL

##### NOTE:

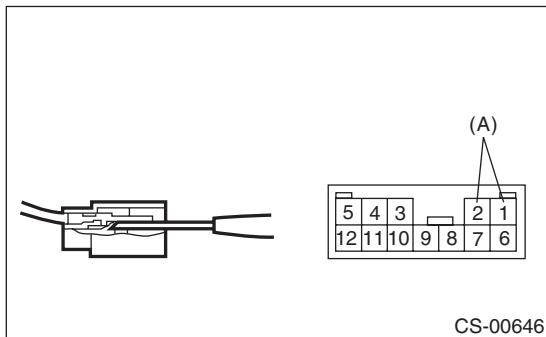
For removal of the mode change switch and the shift button switch, refer to the section on Select Levers. <Ref. to CS-20, DISASSEMBLY, Select Lever.>

#### 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.

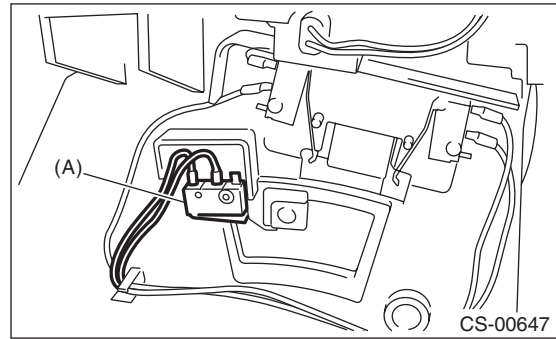


- 4) Disconnect the terminal of “P” range switch from connector, using a flat-tip screwdriver with thin tip.



(A) “P” range switch

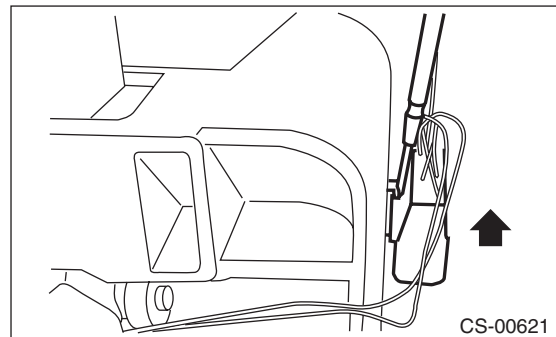
- 5) Remove the clip while being careful not to break the pin, then remove the P range switch.



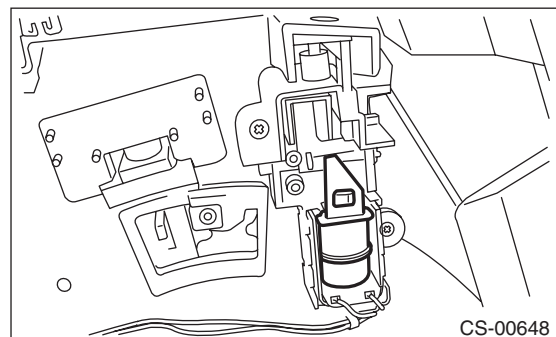
(A) “P” range switch

#### 2. AT SHIFT LOCK SOLENOID

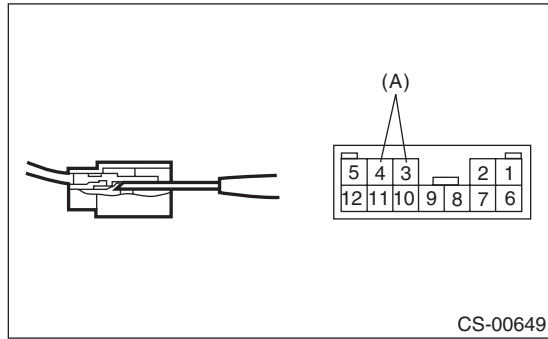
- 1) Remove the console box. <Ref. to EI-40, REMOVAL, Console Box.>
- 2) Disconnect the connector.
- 3) Remove the connector from the base plate using a flat tip screwdriver.



- 4) Remove the solenoid unit.



5) Remove the terminal of the solenoid unit, using a flat tip screwdriver.



(A) Solenoid unit

## B: INSTALLATION

NOTE:

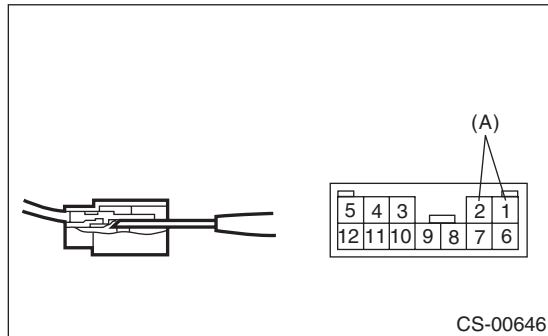
For installation of the mode change switch and the shift button switch, refer to the section on Select Levers. <Ref. to CS-25, ASSEMBLY, Select Lever.>

### 1. “P” RANGE SWITCH

Install in the reverse order of removal.

NOTE:

Connect the “P” range switch terminal to connector.



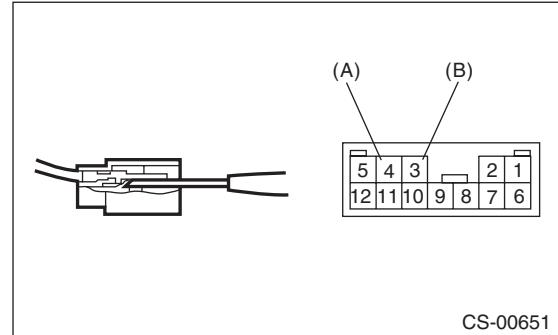
(A) “P” range switch (color code: Red)

### 2. AT SHIFT LOCK SOLENOID

Install in the reverse order of removal.

NOTE:

Connect the solenoid unit terminals to the connector.



(A) Solenoid unit (color code: Black)

(B) Solenoid unit (color code: Blue)

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### C: INSPECTION

	Step	Check	Yes	No
1	<b>CHECK SOLENOID UNIT.</b> Measure the resistance of solenoid unit connector terminals. <i>Terminals</i> <b>No. 4 — No. 3:</b>	Is the resistance 19.8 — 24.2 $\Omega$ ?	Go to step 2.	Replace the solenoid unit.
2	<b>CHECK SOLENOID UNIT.</b> Connect the battery to the solenoid unit connector terminals, and then operate the solenoid unit. <i>Terminals</i> <b>No. 3 (+) — No. 4 (-):</b>	Does the solenoid unit operate normally?	Go to step 3.	Replace the solenoid unit.
3	<b>CHECK “P” RANGE SWITCH.</b> 1) Shift the select lever to “P” range. 2) Measure the resistance between “P” range switch connector terminals. <i>Terminals</i> <b>No. 1 — No. 2:</b>	Is the resistance less than 1 $\Omega$ ?	Go to step 4.	Replace the “P” range switch.
4	<b>CHECK “P” RANGE SWITCH.</b> 1) Set the select lever to other than “P” range. 2) Measure the resistance between “P” range switch connector terminals. <i>Terminals</i> <b>No. 1 — No. 2:</b>	Is the resistance 1 M $\Omega$ or more?	Normal	Replace the “P” range switch.