

# AT Shift Lock Solenoid and “P” Range Switch

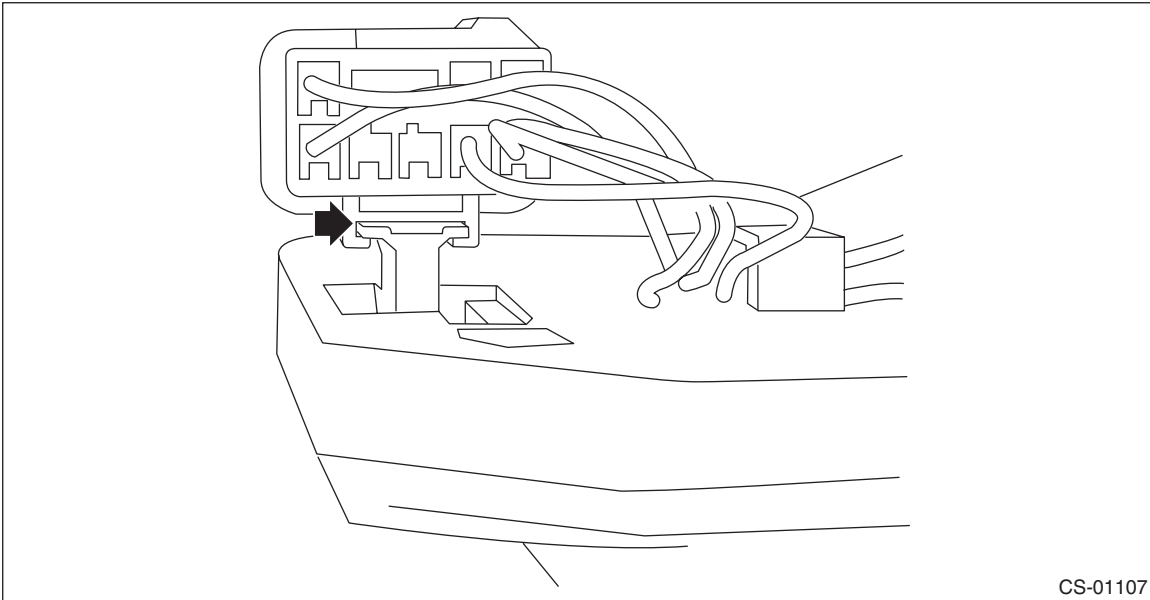
## CONTROL SYSTEMS

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

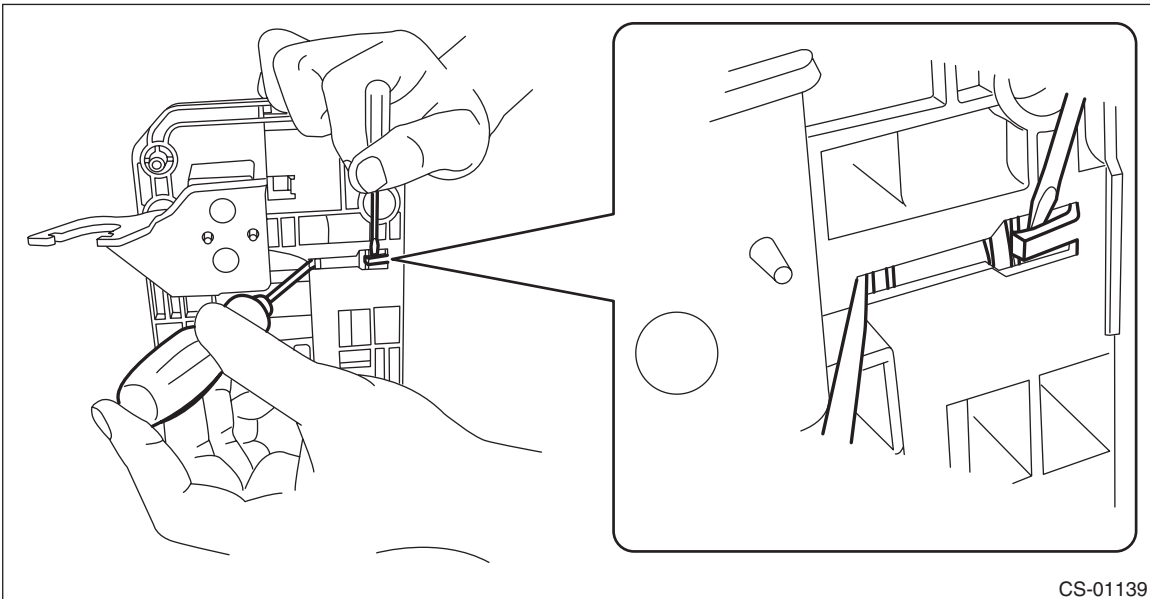
#### A: REMOVAL

##### 1. SOLENOID UNIT

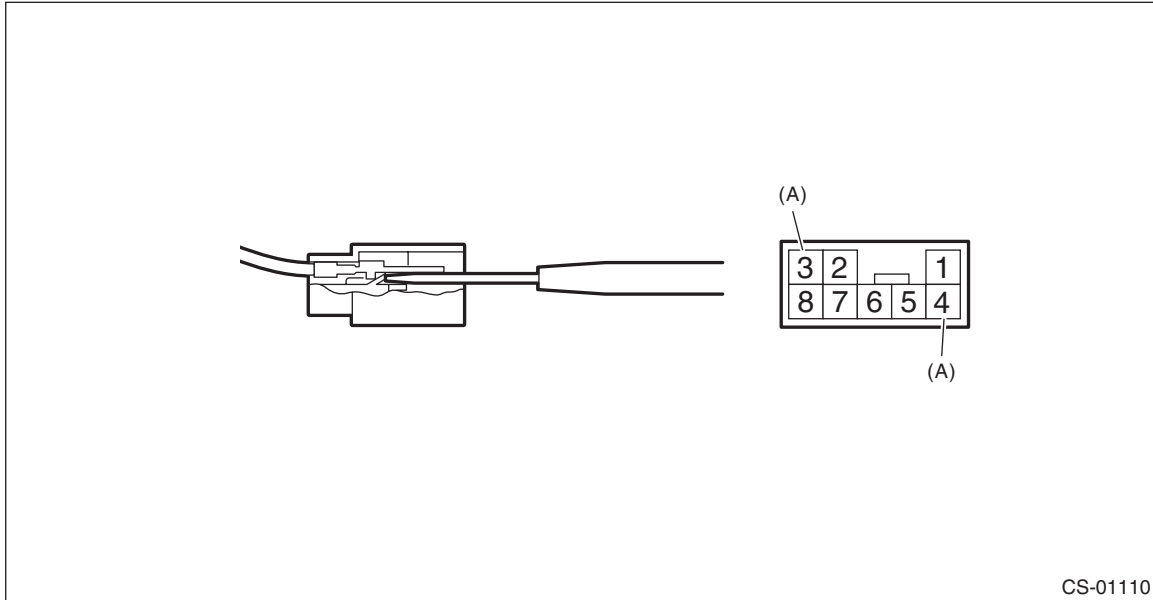
- 1) Remove the AT select lever. <Ref. to CS-24, REMOVAL, Select Lever.>
- 2) Remove the spacer and gasket. <Ref. to CS-40, DISASSEMBLY, Select Lever.>
- 3) Using a flat tip screwdriver with a thin tip, remove the harness connector from the plate COMPL.



- 4) Raise the claw using a flat tip screwdriver with a thin tip, and remove the solenoid unit from the plate COMPL.



5) Using a flat tip screwdriver with a thin tip, remove the solenoid unit terminals from the harness connector.



(A) Solenoid unit terminals

## 2. “P” RANGE SWITCH

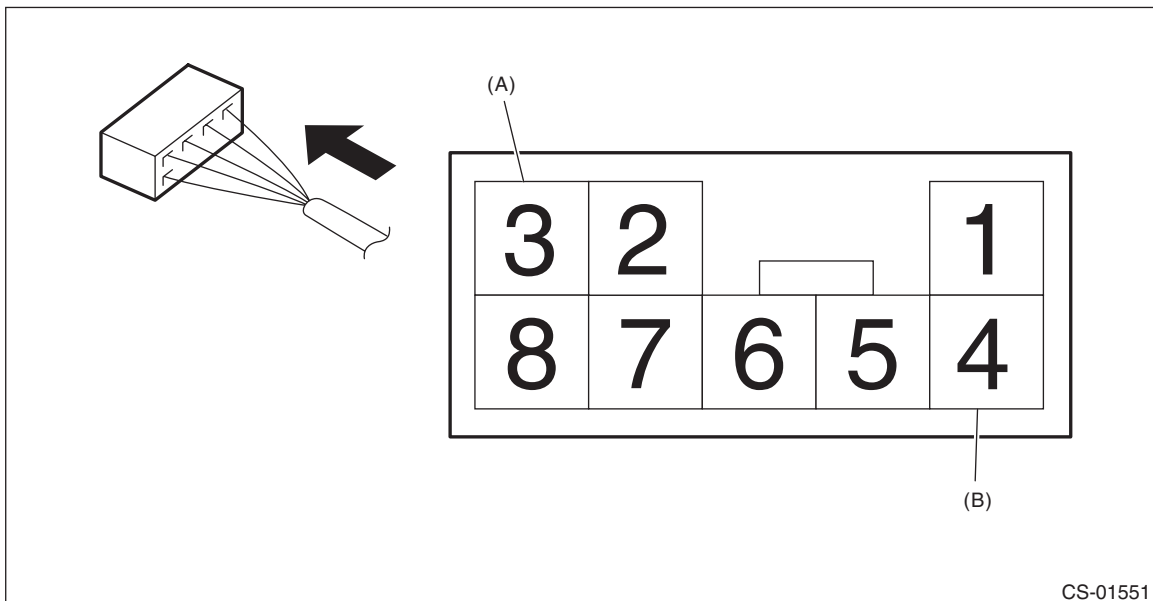
For the removal of “P” range switch, refer to the procedure for AT select lever. <Ref. to CS-40, DISASSEMBLY, Select Lever.>

## B: INSTALLATION

Install in the reverse order of removal.

NOTE:

Insert the solenoid unit terminals to the harness connector.



(A) Solenoid unit (color code: blue)

(B) Solenoid unit (color code: black)

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### C: INSPECTION

Step		Check	Yes	No
1	<b>CHECK SOLENOID UNIT.</b> Measure the resistance of solenoid unit connector terminals. <b>Terminals</b> <b>No. 4 — No. 3:</b>	Is the resistance 27.6 — 30.5 $\Omega$ ?	Go to step 2.	Replace the solenoid unit. <Ref. to CS-58, AT Shift Lock Solenoid and “P” Range Switch.>
2	<b>CHECK SOLENOID UNIT.</b> Connect the battery to the solenoid unit connector terminals, and then operate the solenoid. <b>Terminals</b> <b>No. 3 (+) — No. 4 (-):</b>	Does the solenoid unit operate normally?	Go to step 3.	Replace the solenoid unit. <Ref. to CS-58, AT Shift Lock Solenoid and “P” Range Switch.>
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. <b>Terminals</b> <b>No. 1 — No. 2:</b>	Is the resistance less than 1 $\Omega$ ?	Go to step 4.	Replace the “P” range switch. <Ref. to CS-58, AT Shift Lock Solenoid and “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. <b>Terminals</b> <b>No. 1 — No. 2:</b>	Is the resistance 1 M $\Omega$ or more?	Normal	Replace the “P” range switch. <Ref. to CS-58, AT Shift Lock Solenoid and “P” Range Switch.>