

# AT Shift Lock Solenoid and “P” Range Switch

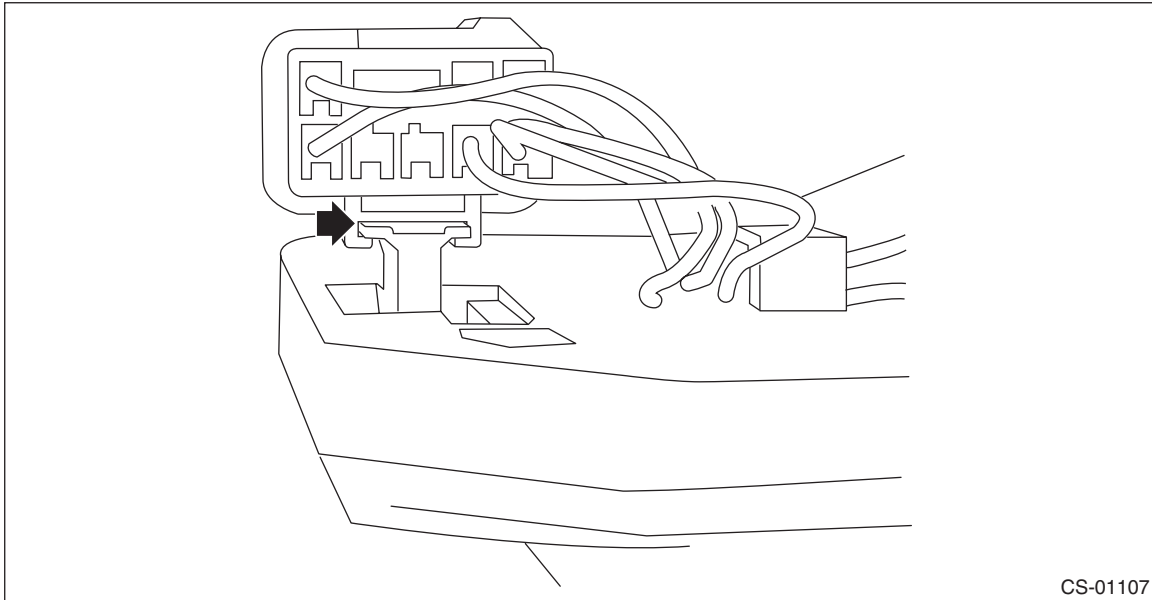
## CONTROL SYSTEMS

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

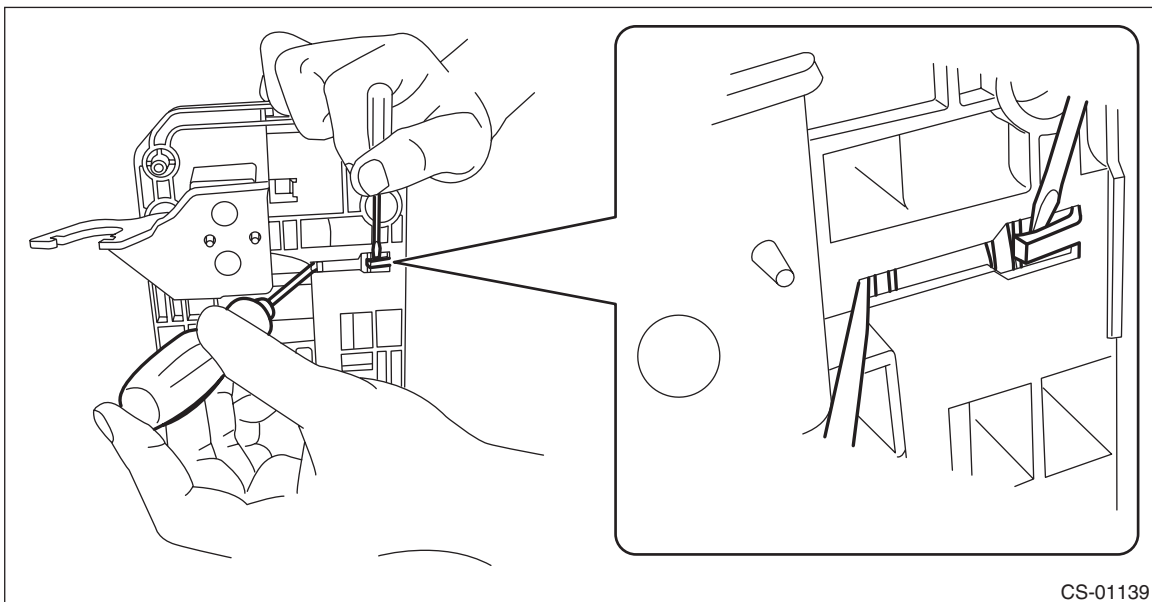
#### A: REMOVAL

##### 1. SOLENOID UNIT

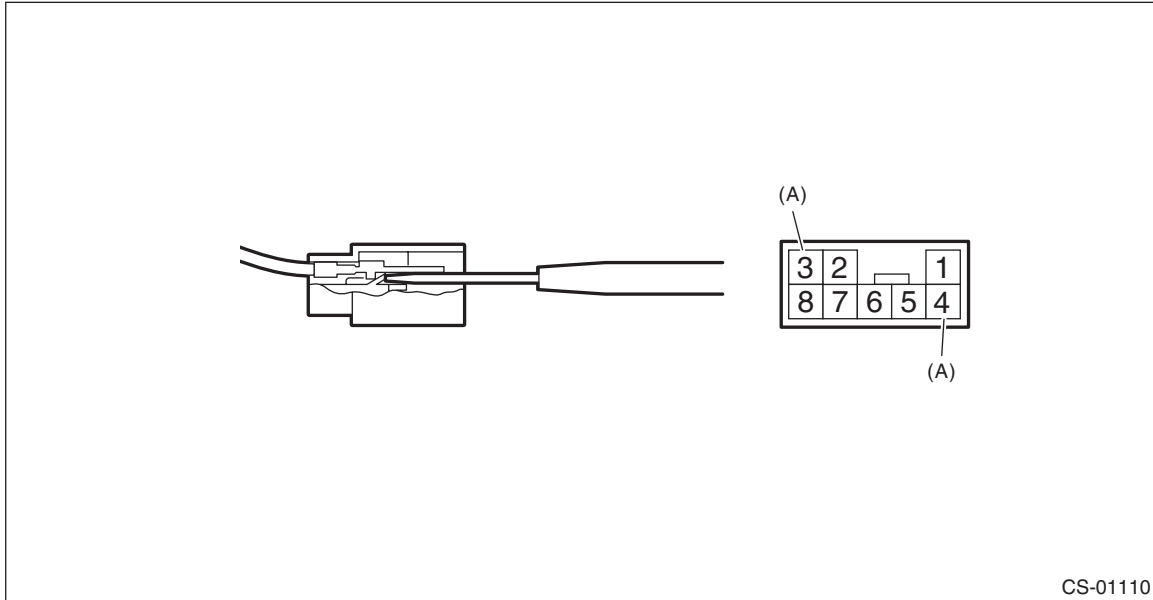
- 1) Remove the AT select lever. <Ref. to CS-27, REMOVAL, Select Lever.>
- 2) Remove the spacer and gasket. <Ref. to CS-36, DISASSEMBLY, Select Lever.>
- 3) Using a flat tip screwdriver with a thin tip, remove the harness connector from the plate COMPL.



- 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-36, DISASSEMBLY, Select Lever.>

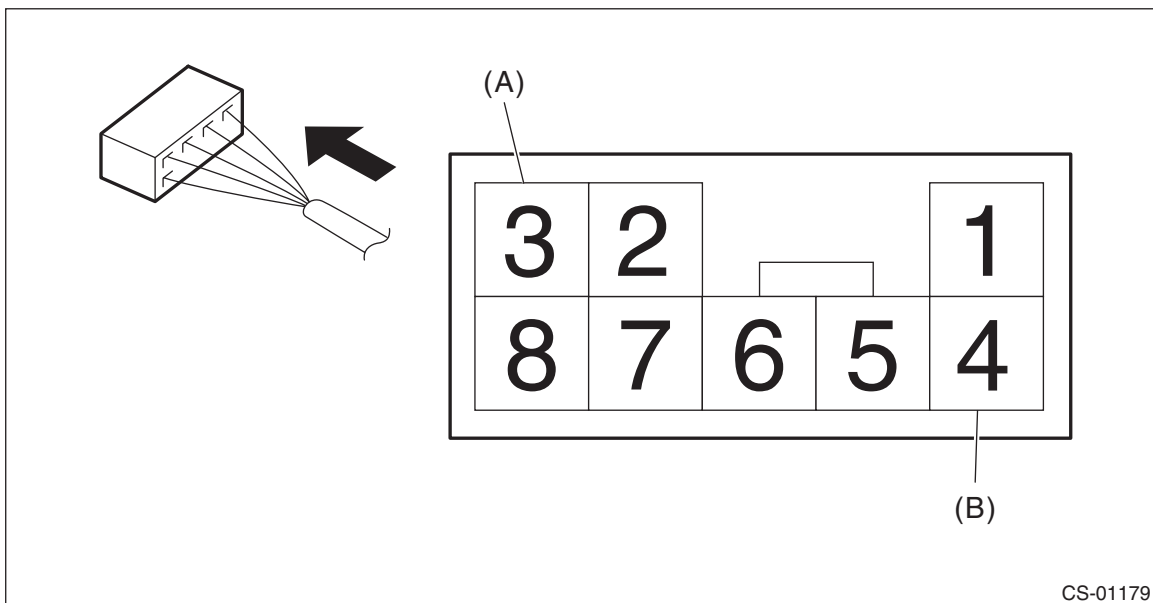
<Ref. to CS-37, AT SELECT LEVER ASSEMBLY, DISASSEMBLY, Select Lever.>

## 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                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------|---------------------------------------------------------------------------------------------|
| <b>1</b><br><b>CHECK SOLENOID UNIT.</b><br>Measure the resistance of solenoid unit connector terminals.<br><i>Terminals</i><br><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.>    |
| <b>2</b><br><b>CHECK SOLENOID UNIT.</b><br>Connect the battery to the solenoid unit connector terminals, and then operate the solenoid.<br><i>Terminals</i><br><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.>    |
| <b>3</b><br><b>CHECK “P” RANGE SWITCH.</b><br>1) Shift the select lever to “P” range.<br>2) Measure the resistance between “P” range switch connector terminals.<br><i>Terminals</i><br><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.> |
| <b>4</b><br><b>CHECK “P” RANGE SWITCH.</b><br>1) Shift the select lever to other than “P” range.<br>2) Measure the resistance between “P” range switch connector terminals.<br><i>Terminals</i><br><b>No. 1 — No. 2:</b> | Is the resistance 1 M $\Omega$ or more?  | Normal operation. | Replace the “P” range switch. <Ref. to CS-58, AT Shift Lock Solenoid and “P” Range Switch.> |