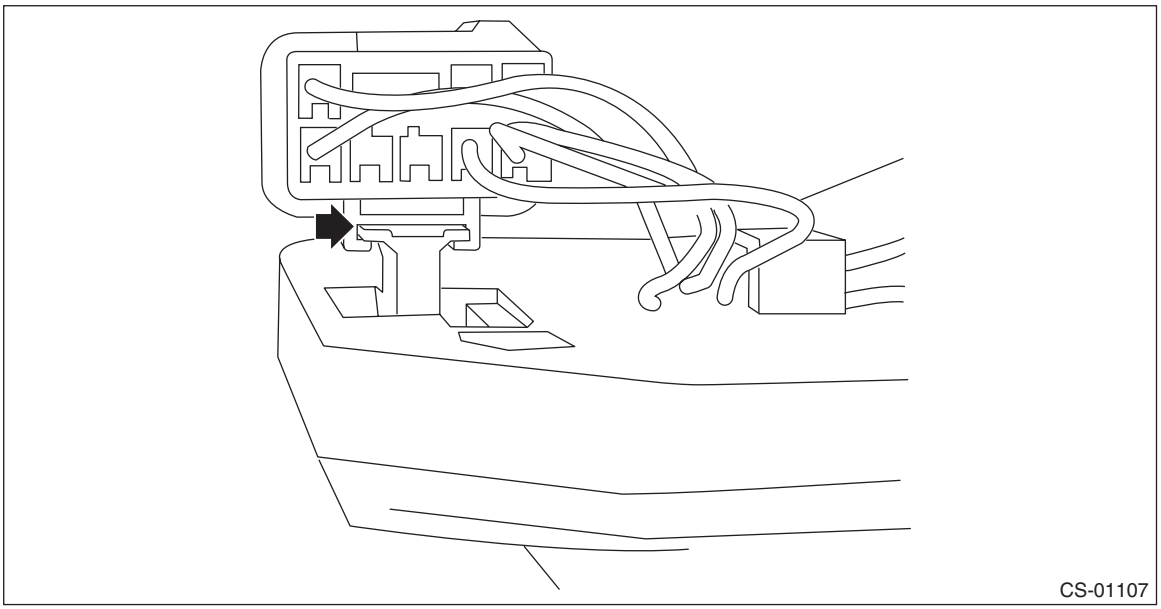
5. AT Shift Lock Solenoid and “P” Range Switch

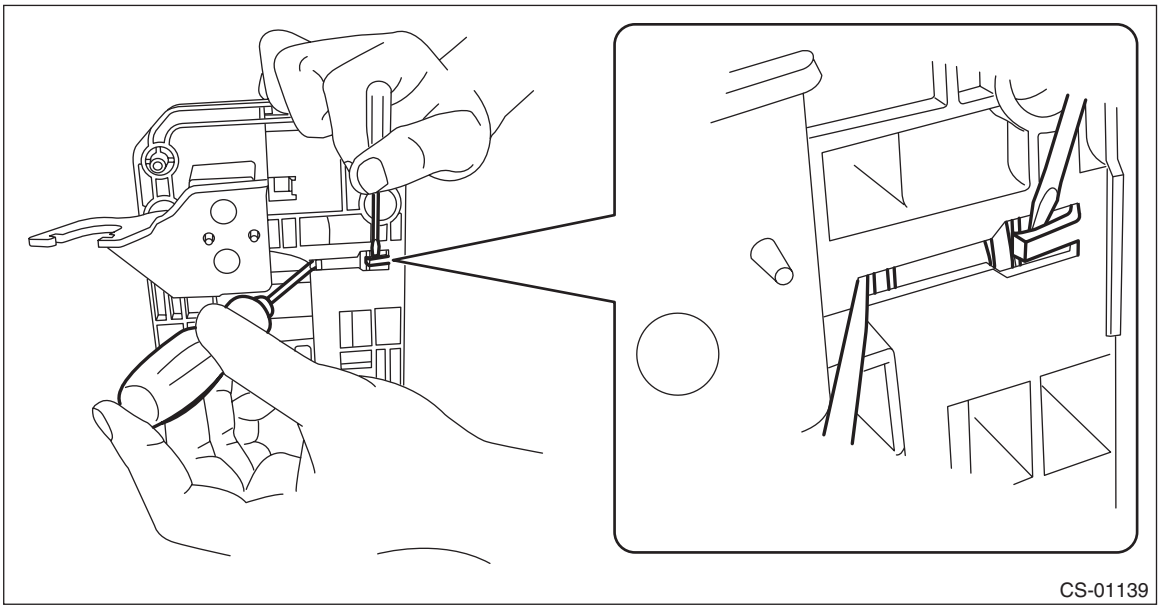
A: REMOVAL

1. SOLENOID UNIT

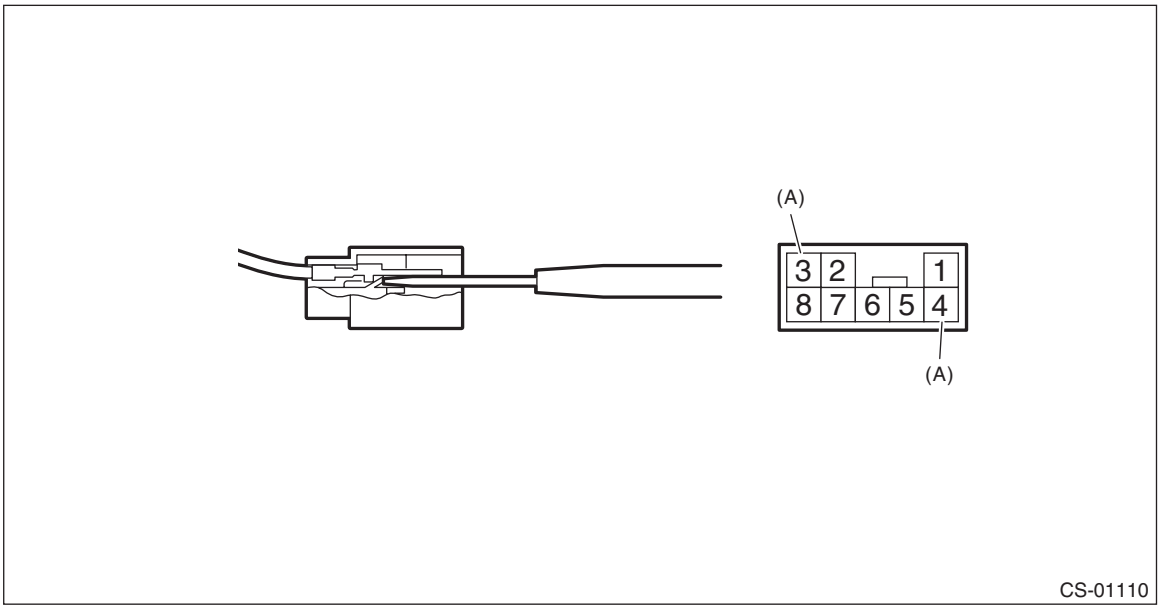
1) Remove the AT select lever. <Ref. to CS-24, REMOVAL, Select Lever.>
2) Remove the spacer and gasket. <Ref. to CS-41, DISASSEMBLY, Select Lever.>
3) Using a flat tip screwdriver with a thin tip, remove the harness connector from the plate COMPL.



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



5) Remove the terminal of the solenoid unit using a flat tip precision screwdriver with a tip width of 1.3 mm (0.05 in) or less, KTC connector terminal tool ECC-1T or equivalent.



(A) Solenoid unit terminals

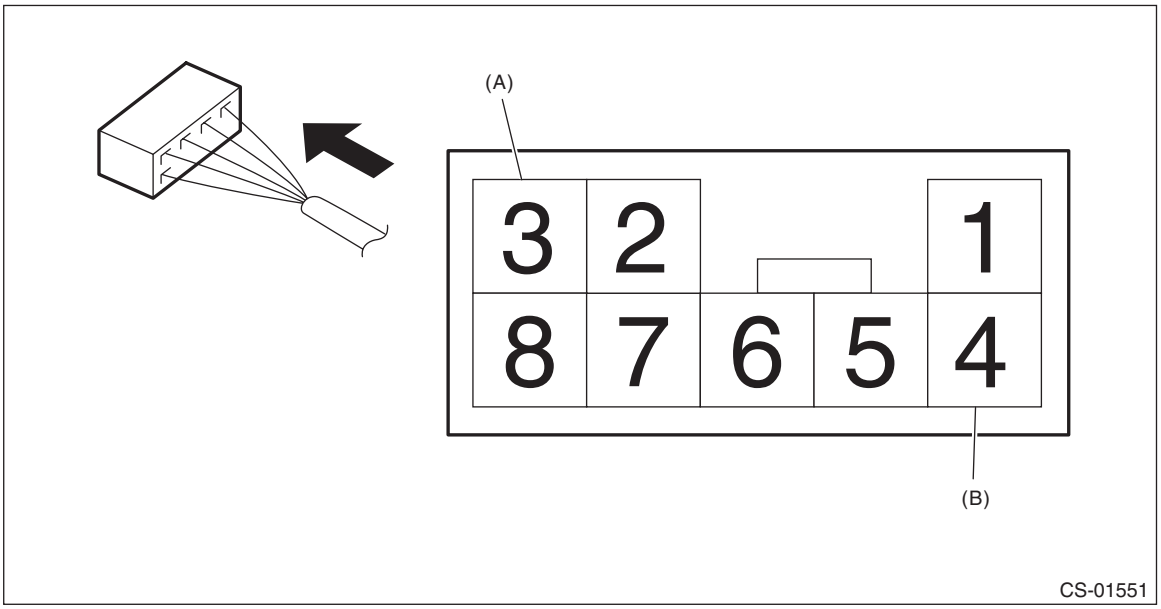
2. “P” RANGE SWITCH

For the removal of “P” range switch, refer to the procedure for AT select lever. <Ref. to CS-41, 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)

C: INSPECTION

	Step	Check	Yes	No
1	**CHECK SOLENOID UNIT.** Measure the resistance of solenoid unit connector terminals. ***Terminals*** ***No. 4 — No. 3:***	Is the resistance 27.6 — 30.5 Ω?	Go to step **2**.	Replace the solenoid unit. <Ref. to CS-59, AT Shift Lock Solenoid and “P” Range Switch.>
2	**CHECK SOLENOID UNIT.** Connect the battery to the solenoid unit connector terminals, and then operate the solenoid. ***Terminals*** ***No. 3 (+) — No. 4 (–):***	Does the solenoid unit operate normally?	Go to step **3**.	Replace the solenoid unit. <Ref. to CS-59, AT Shift Lock Solenoid and “P” Range Switch.>
3	**CHECK “P” RANGE SWITCH.** 1) Shift 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. <Ref. to CS-59, AT Shift Lock Solenoid and “P” Range Switch.>
4	**CHECK “P” RANGE SWITCH.** 1) Set the select lever to other than “P” range. 2) Measure the resistance between “P” range switch connector terminals. ***Terminals*** ***No. 1 — No. 2:***	Is the resistance 1 MΩ or more?	Normal	Replace the “P” range switch. <Ref. to CS-59, AT Shift Lock Solenoid and “P” Range Switch.>