

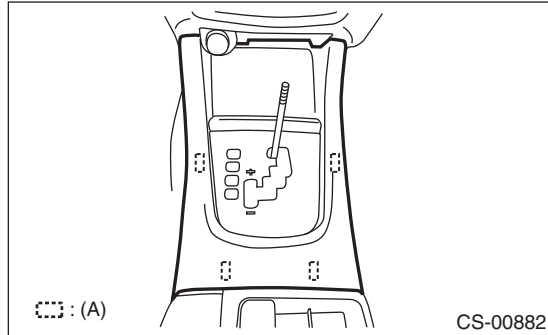
AT Shift Lock Solenoid and “P” Range Switch

CONTROL SYSTEMS

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

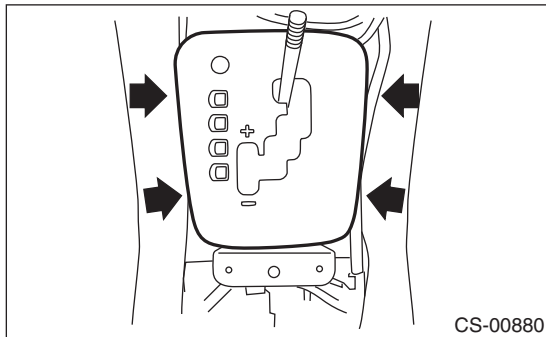
A: REMOVAL

- 1) Remove the grip.
- 2) Remove the hand brake boot cover.
- 3) Remove the console front panel.

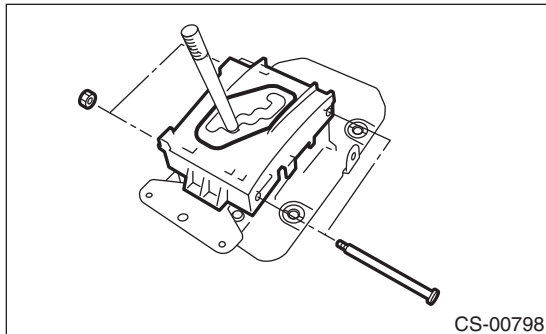


(A) Hook

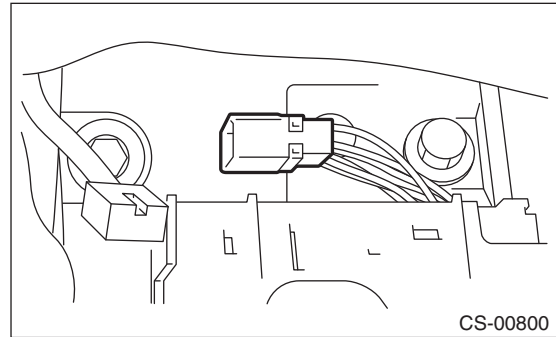
- 4) Remove the console cover and console box.
<Ref. to EI-46, REMOVAL, Console Box.>
- 5) Remove the indicator assembly.



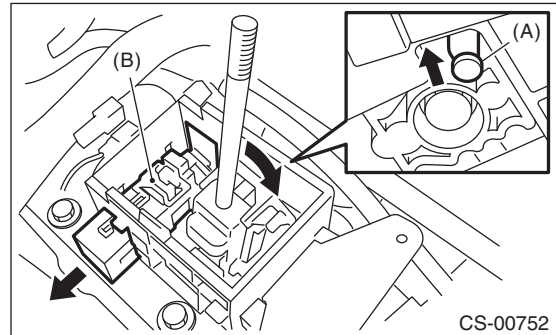
- 6) With the shift lock release button held down, move the select lever to the “N” range.
- 7) Remove the spacer bolt and remove the plate guide COMPL.



- 8) Using a flat-tip screwdriver with a thin tip, remove the connector from the plate COMPL.

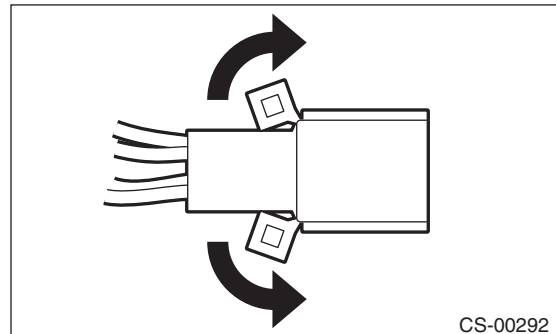


- 9) With detent spring lifted up, push the select lever backward and remove the shift lock solenoid unit.

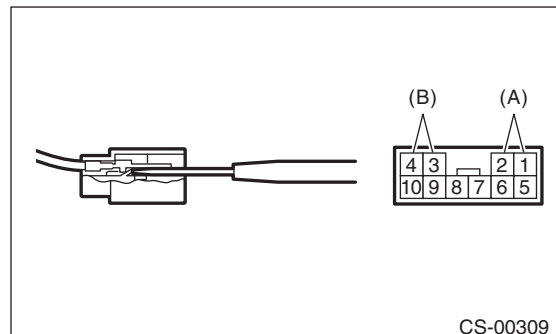


- (A) Detent spring
(B) Shift lock solenoid unit

- 10) Raise the claw of connector.



- 11) Disconnect the terminals of “P” range switch and shift lock solenoid unit from the connector, using a flat-tip screwdriver with a thin tip.



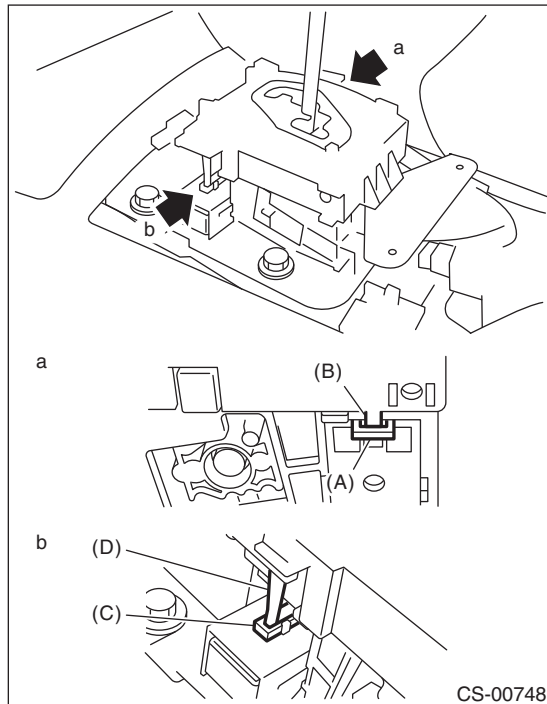
- (A) “P” range switch terminal
(B) Shift lock solenoid terminal

B: INSTALLATION

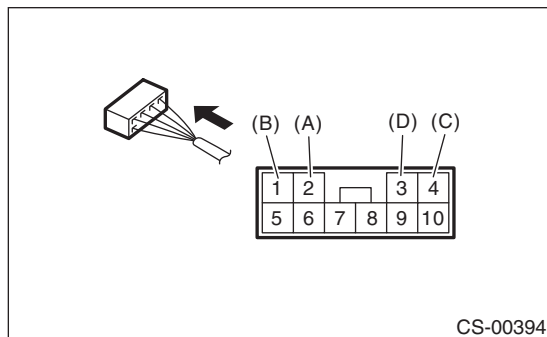
Install in the reverse order of removal.

NOTE:

- Refer to “COMPONENT” for each tightening torque.
<Ref. to CS-3, COMPONENT, General Description.>
- When installing the plate guide COMPL, set the select lever to “D” range (normal mode position), and be careful of the following.
 - Insert protrusion (B) of the plate guide COMPL into the hole on the shift lock solenoid unit (A).
 - Insert link (D) of the shift lock release into link (C) of the shift lock solenoid unit.



- Connect the switch and solenoid terminals to the connector.



- (A) “P” range switch (color code: white)
- (B) “P” range switch (color code: black)
- (C) Shift lock solenoid (color code: blue/red)
- (D) Shift lock solenoid (color code: black)

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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 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 other than “P” range. 2) Measure the resistance between “P” range switch connector terminals. Terminals No. 1 — No. 2:	Is the resistance 1 M Ω or more?	Normal operation	Replace the “P” range switch.