

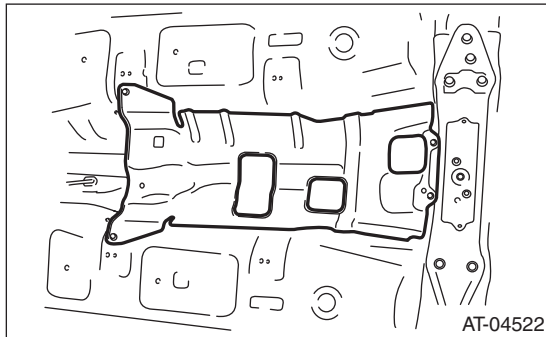
Select Lever

CONTROL SYSTEMS

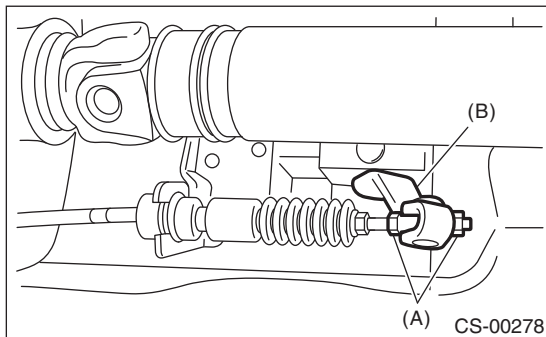
3. Select Lever

A: REMOVAL

- 1) Set the vehicle on a lift.
- 2) Disconnect the ground cable from the battery.
- 3) Shift the select lever to "N" range.
- 4) Lift up the vehicle.
- 5) Remove the rear exhaust pipe and muffler.
 - Non-turbo model
<Ref. to EX(H4SO)-8, REMOVAL, Rear Exhaust Pipe.> <Ref. to EX(H4SO)-10, REMOVAL, Muffler.>
 - Turbo model
<Ref. to EX(H4DOTC)-12, REMOVAL, Rear Exhaust Pipe.> <Ref. to EX(H4DOTC)-14, REMOVAL, Muffler.>
- 6) Remove the heat shield cover.

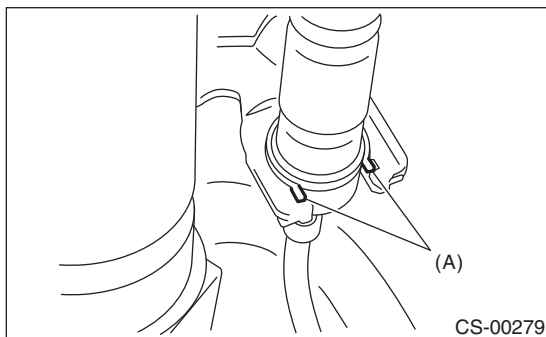


- 7) Remove the cable from arm assembly.



- (A) Adjusting nut
(B) Arm ASSY

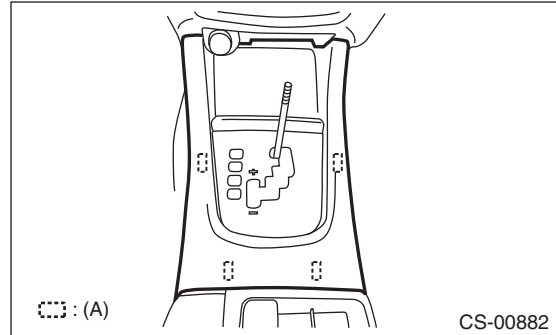
- 8) Raise the claw of clamp to remove the cable.



- (A) Claw

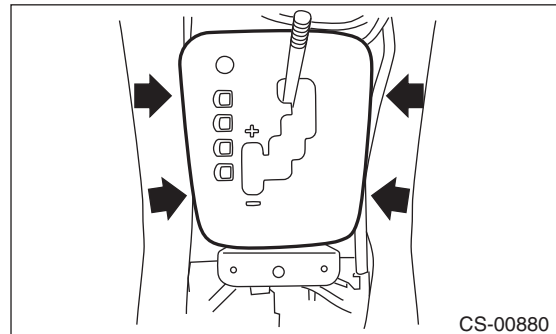
- 9) Lower the vehicle.

- 10) Remove the grip.
- 11) Remove the hand brake boot cover.
- 12) Remove the console front panel.

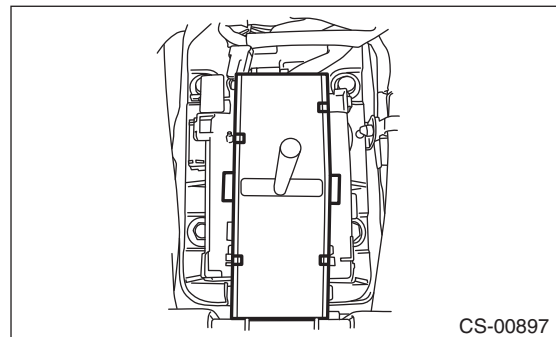


- (A) Hook

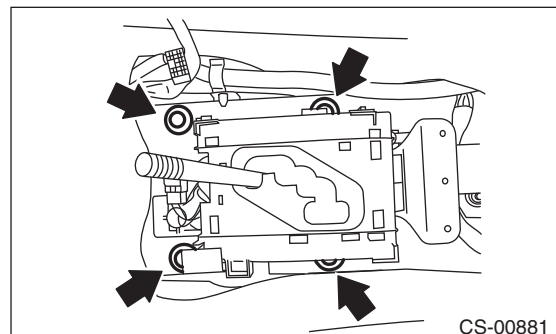
- 13) Remove the console cover and console box.
<Ref. to EI-46, REMOVAL, Console Box.>
- 14) Remove the indicator assembly.



- 15) Remove the harness clips from the bracket.
- 16) Remove the blind.



- 17) Disconnect the connectors, and then remove the four bolts to take out the select lever assembly from vehicle body.

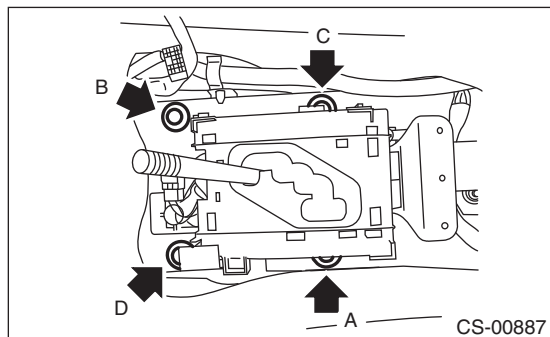


B: INSTALLATION

- 1) Set the select lever to vehicle body.
- 2) Tighten the four bolts to install the select lever to vehicle body, and then connect the connector.
 - (1) Temporarily tighten the bolt A.
 - (2) Tighten the bolt B.
 - (3) Tighten the bolt A.
 - (4) Tighten the bolts C and D.

Tightening torque:

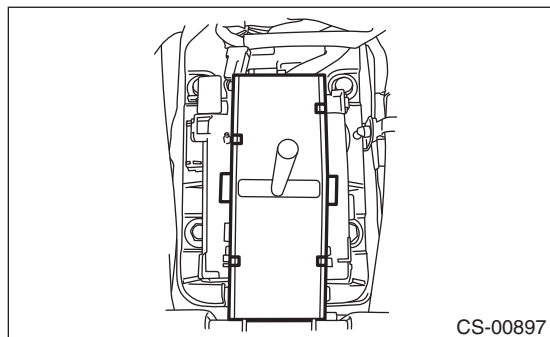
18 N·m (1.8 kgf-m, 13.3 ft-lb)



- 3) Install the harness clips to the bracket.
- 4) Install the console cover and console box. <Ref. to EI-46, INSTALLATION, Console Box.>
- 5) Shift the select lever to "N" range.
- 6) Install the blind.

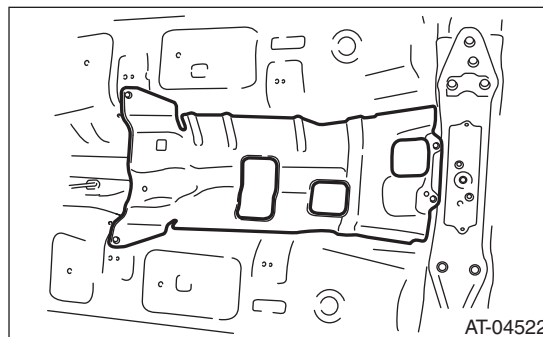
CAUTION:

The blind should be installed so that it is securely caught by tabs of the plate guide COMPL.



- 7) Install the indicator assembly.
- 8) Install the console front panel.
- 9) Install the hand brake boot cover.
- 10) Install the grip.
- 11) Lift up the vehicle.
- 12) Shift the range select lever to the "N" range.
- 13) Secure the cable to the bracket. <Ref. to CS-26, INSTALLATION, Select Cable.>
- 14) Adjust the select cable position. <Ref. to CS-27, ADJUSTMENT, Select Cable.>
- 15) After the completion of adjustment, confirm that the select lever operates properly at all range positions.

- 16) Install the heat shield cover.



- 17) Install the rear exhaust pipe and muffler.

- Non-turbo model

<Ref. to EX(H4SO)-8, INSTALLATION, Rear Exhaust Pipe.> <Ref. to EX(H4SO)-10, INSTALLATION, Muffler.>

- Turbo model

<Ref. to EX(H4DOTC)-12, INSTALLATION, Rear Exhaust Pipe.> <Ref. to EX(H4DOTC)-14, INSTALLATION, Muffler.>

- 18) Inspect the following items. When a problem is found in the inspection, adjust the select cable and inhibitor switch. <Ref. to CS-27, ADJUSTMENT, Select Cable.> <Ref. to 4AT-46, ADJUSTMENT, Inhibitor Switch.>

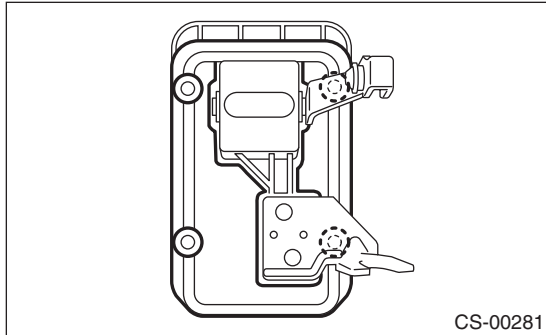
- (1) Engine starts when the select lever is in "P" and "N" range, but not in other ranges.
- (2) Back-up light illuminates when the select lever is in the "R" range, but not in other ranges.
- (3) Select lever and indicator positions are matched.

Select Lever

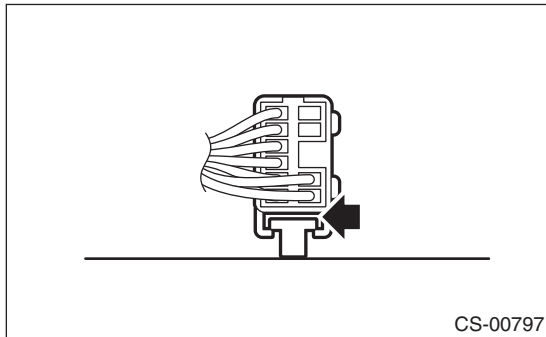
CONTROL SYSTEMS

C: DISASSEMBLY

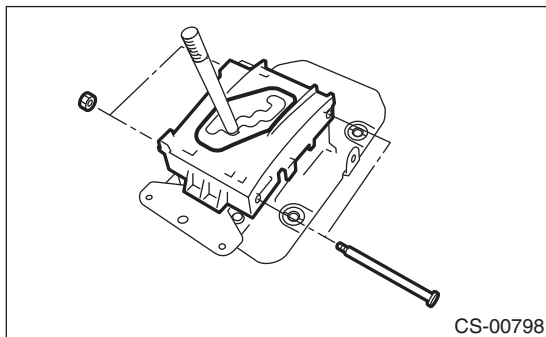
1) Remove the gasket and plate COMPL.



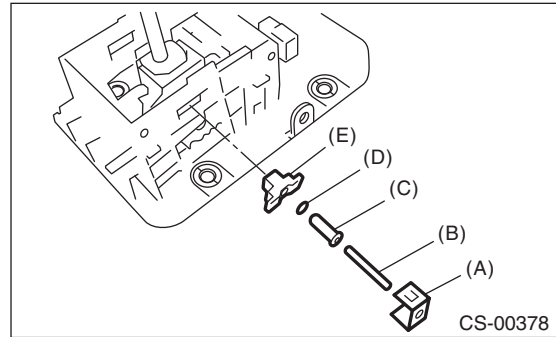
2) Insert a flat-tip screwdriver with a thin tip under the connector and disconnect each connector from the plate COMPL.



3) Remove the spacer bolt and remove the plate guide COMPL.

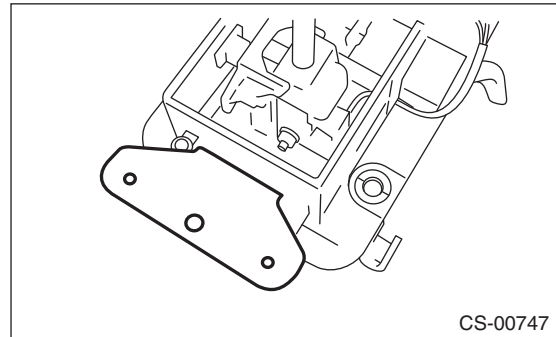


4) Remove the shift lock clamp, spring A, select lever rod, lock plate cushion, and bushing.

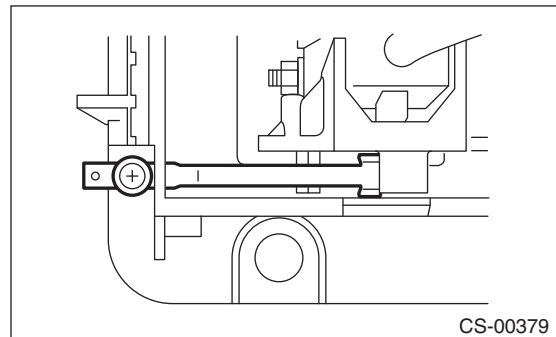


- (A) Shift lock clamp
- (B) Spring A
- (C) Select lever rod
- (D) Lock plate cushion
- (E) Bushing

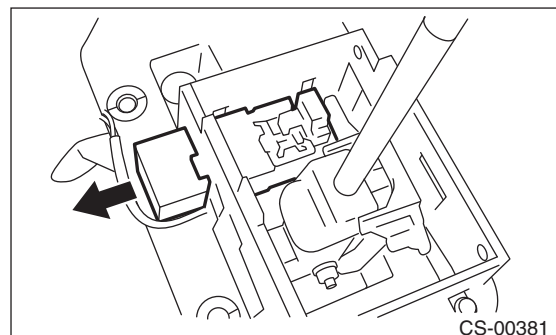
5) Remove the bracket.



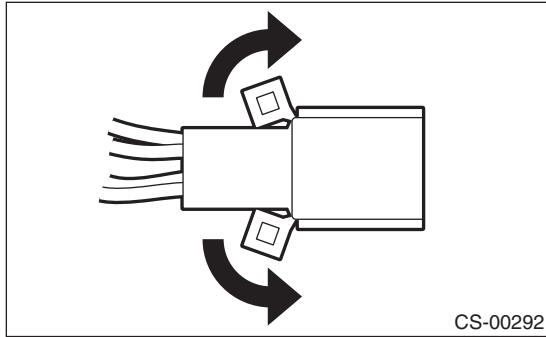
6) Remove the detent spring.



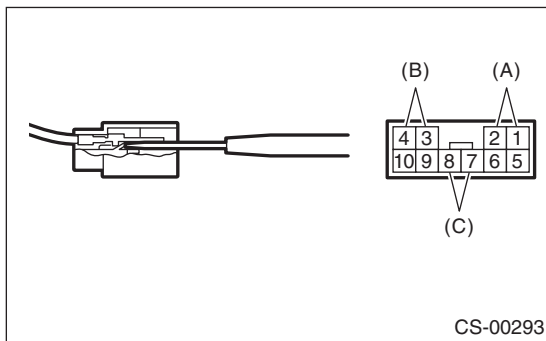
7) Remove the shift lock solenoid unit.



8) Raise the claw of connector.

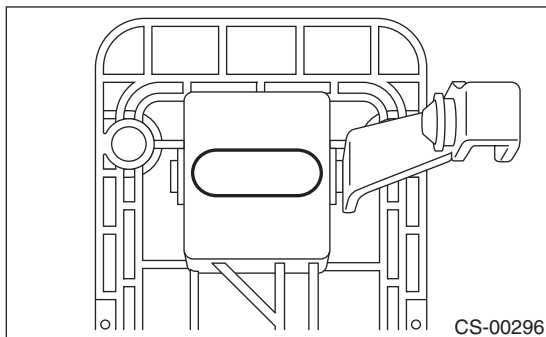


9) Disconnect the terminals of the SPORT mode switch, "P" range switch, and shift lock solenoid from the connector, using a flat-tip screwdriver with a thin tip.

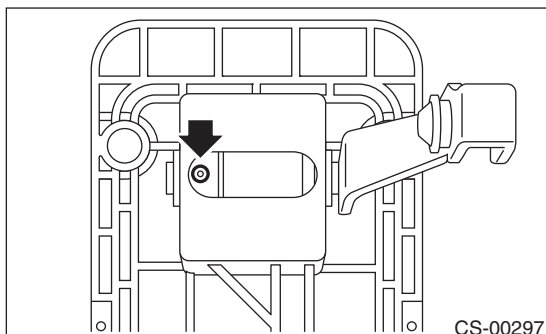


- (A) "P" range switch terminal
- (B) Shift lock solenoid terminal
- (C) SPORT mode switch terminal

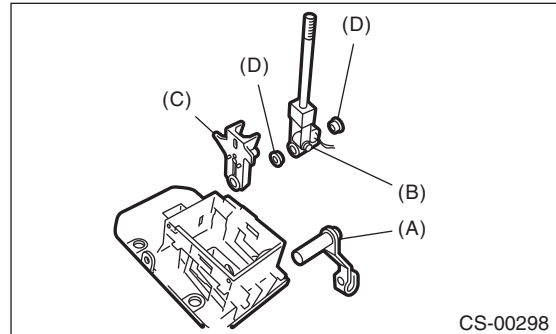
10) Remove the grommet.



11) Remove the spring pin.

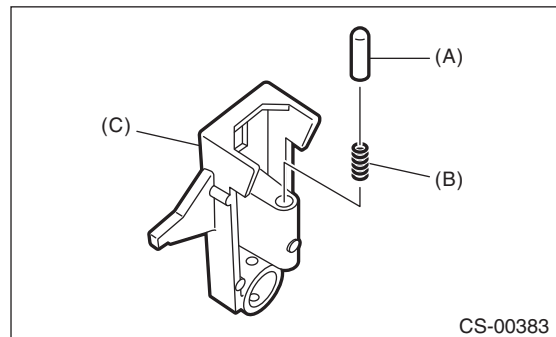


12) Pull out the arm assembly, remove select lever COMPL, and remove bracket arm detent and bushing.



- (A) Arm ASSY
- (B) Selector lever COMPL
- (C) Bracket arm detent
- (D) Bushing

13) Remove the rod detent and spring detent from the bracket arm detent.



- (A) Rod detent
- (B) Spring detent
- (C) Bracket arm detent

Select Lever

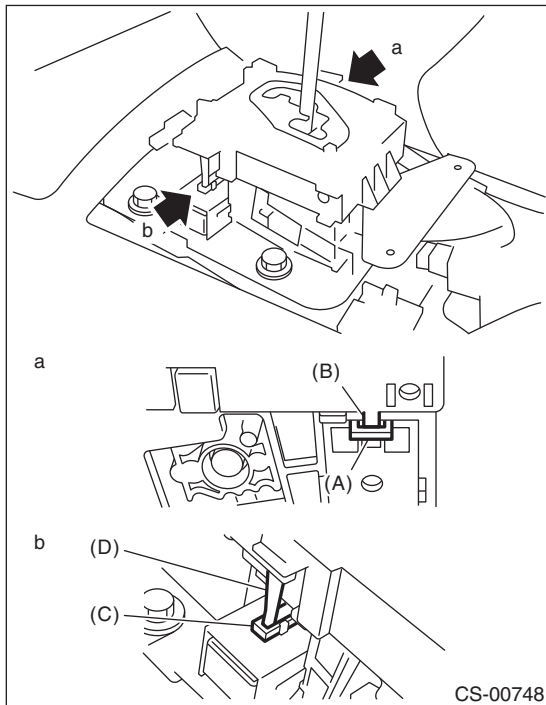
CONTROL SYSTEMS

D: ASSEMBLY

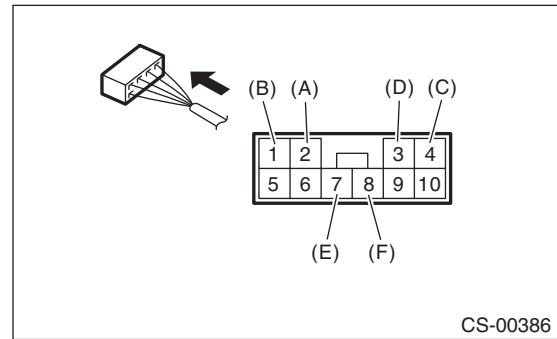
- 1) Clean all the parts before assembly.
- 2) Apply NIGTIGHT LYW No. 2 grease or equivalent to each part. <Ref. to CS-3, AT SELECT LEVER, COMPONENT, General Description.>
- 3) Assemble in the reverse order of disassembly.

NOTE:

- 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)
- (E) SPORT mode switch (color code: white)
- (F) SPORT mode switch (color code: black)

- 4) After completing installation, shift the select lever from “P” range to “D” range, then check whether the indicator and select lever matches, whether the pointer and position mark matches and what the operating force is.

E: INSPECTION

- 1) Inspect the removed parts by comparing with new parts for deformation, damage and wear. Repair or replace if defective.
- 2) Confirm the select lever assembly operating condition before assembly. Normal if it operates smoothly.