

### 19. Ignition Key Lock

#### A: REPLACEMENT

##### CAUTION:

- Before handling the airbag module, refer to “CAUTION” of “General Description” in “AIRBAG SYSTEM”. <Ref. to AB-10, CAUTION, General Description.>
- If the steering wheel and steering angle sensor (steering roll connector) are removed, perform “VDC sensor midpoint setting mode” of the VDC. <Ref. to VDC-26, VDC SENSOR MIDPOINT SETTING MODE (MODELS WITHOUT EyeSight), ADJUSTMENT, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>

1) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>

##### NOTE:

For the 12 volt engine restart battery of HEV model, disconnect the ground terminal from 12V engine restart battery sensor.

2) Remove the column assembly - steering. <Ref. to PS-19, REMOVAL, Steering Column.>

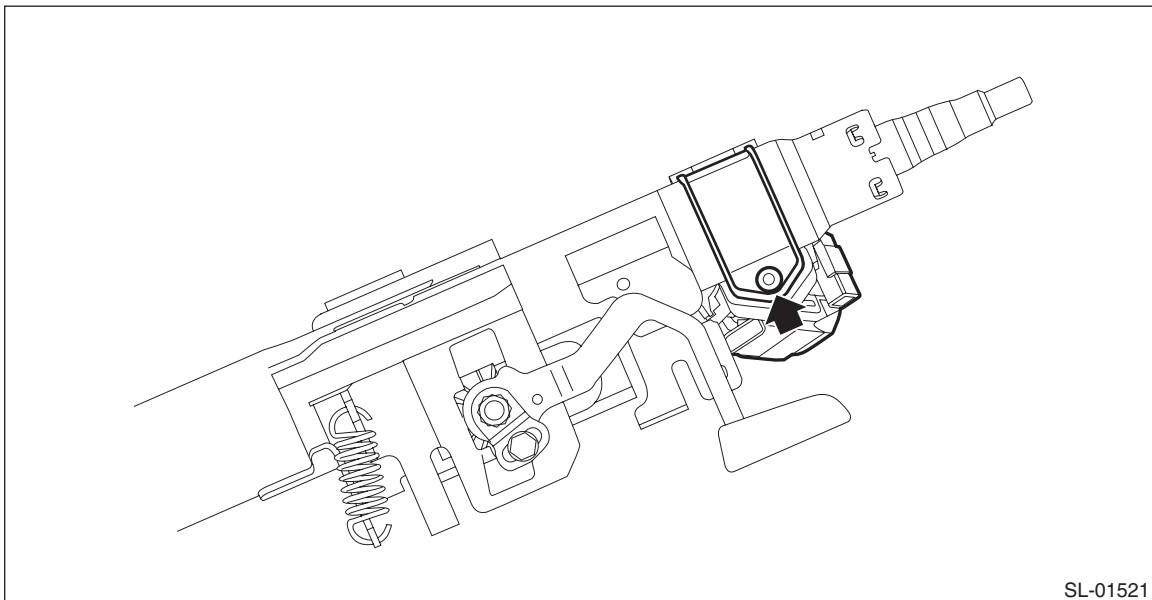
3) Remove the ignition key lock.

(1) Secure the column assembly - steering in a vise.

(2) Use the reverse tap and drill to remove the set bolt and remove the ignition key lock.

##### CAUTION:

**Do not apply any impact to the set bolt by a chisel or punch.**



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4) Install the ignition key lock.

(1) Secure the ignition key lock to the column assembly - steering.

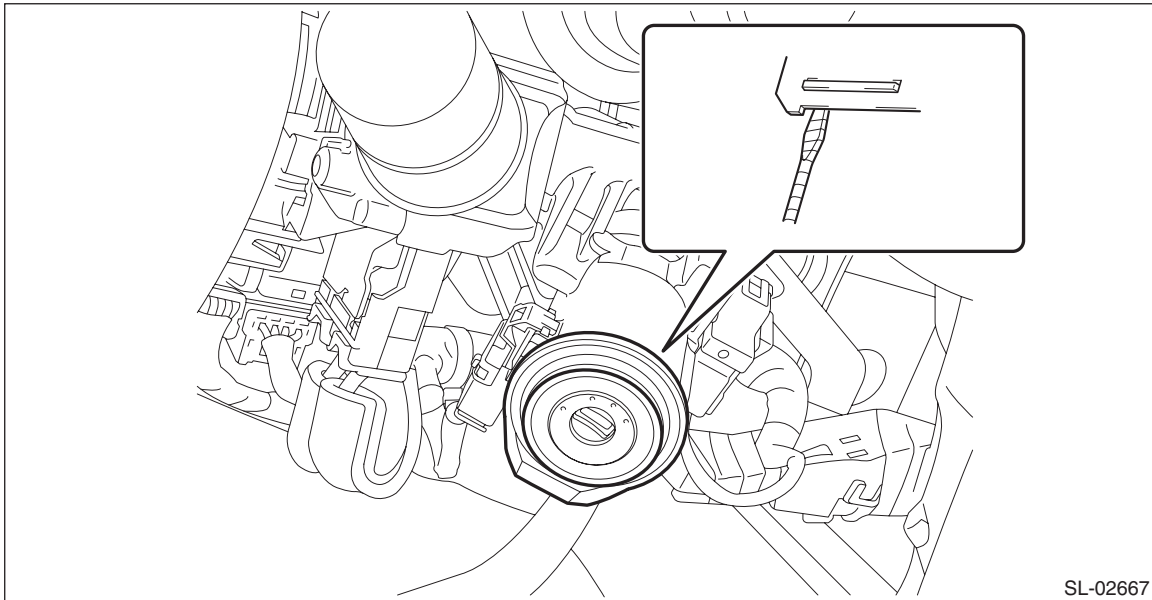
(2) Use new set bolts. Tighten the bolt until the bolt head is broken (bolt head wrenched off).

## B: DISASSEMBLY

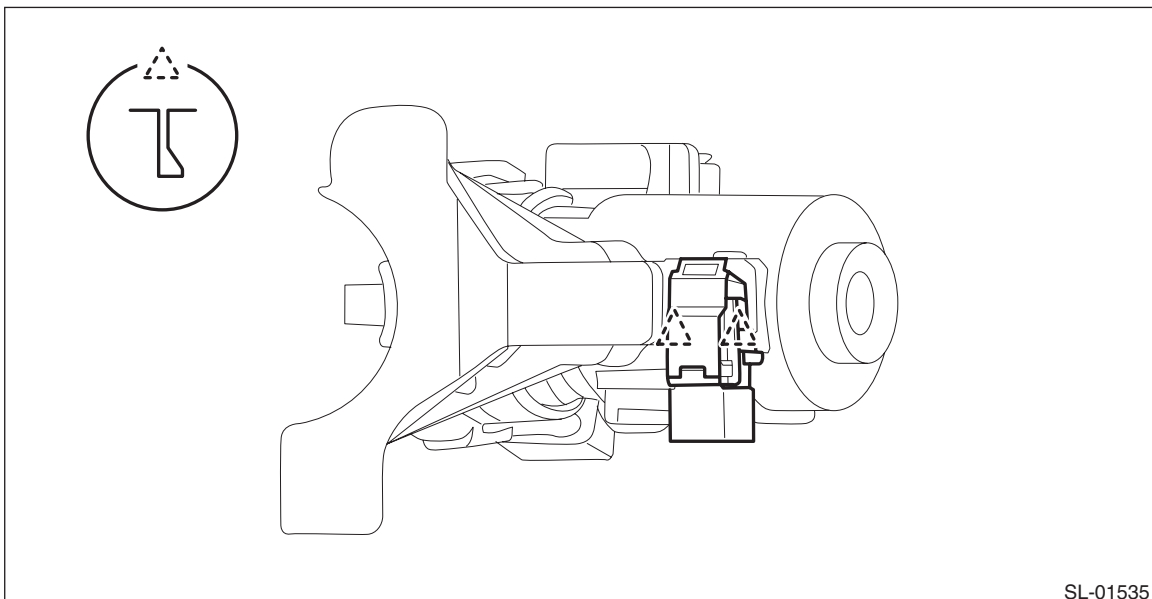
- 1) Remove the immobilizer antenna assembly or the ignition switch illumination.
  - (1) Disconnect the connector.
  - (2) Release two claws using a flat tip screwdriver or similar tool wrapped with a protection tape, and remove the immobilizer antenna assembly or the ignition switch illumination.

### CAUTION:

**Do not apply excessive force to disengage the lock of immobilizer antenna assembly or ignition switch illumination. Otherwise they may be broken because those parts are the products made of a plastic.**



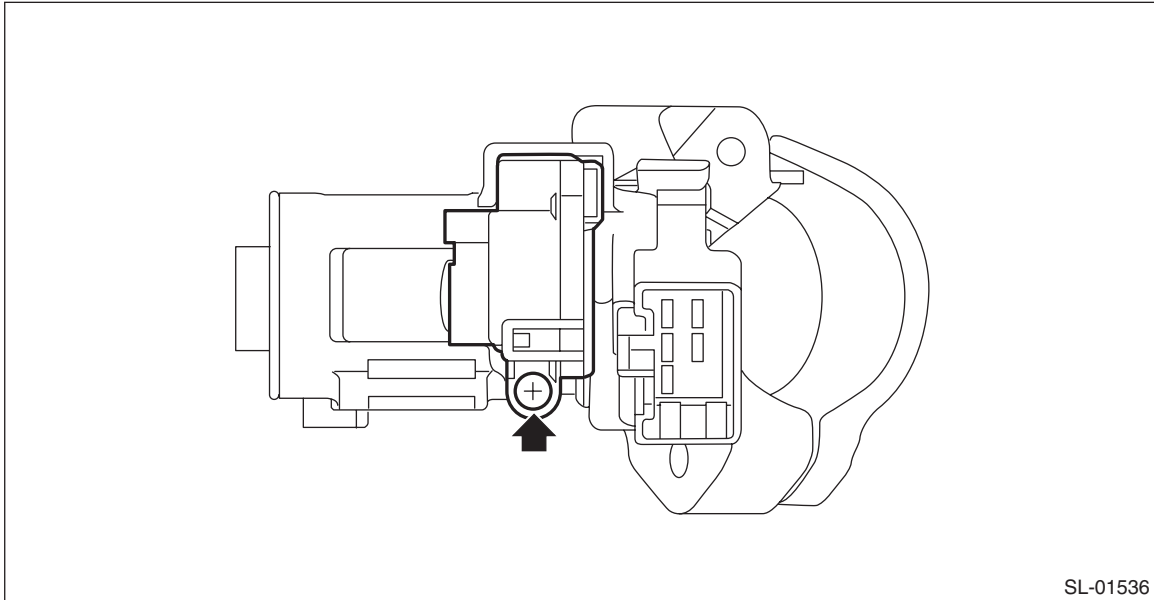
- 2) Release the claws, and pull the key warning switch downwards to remove.



# Ignition Key Lock

## SECURITY AND LOCKS

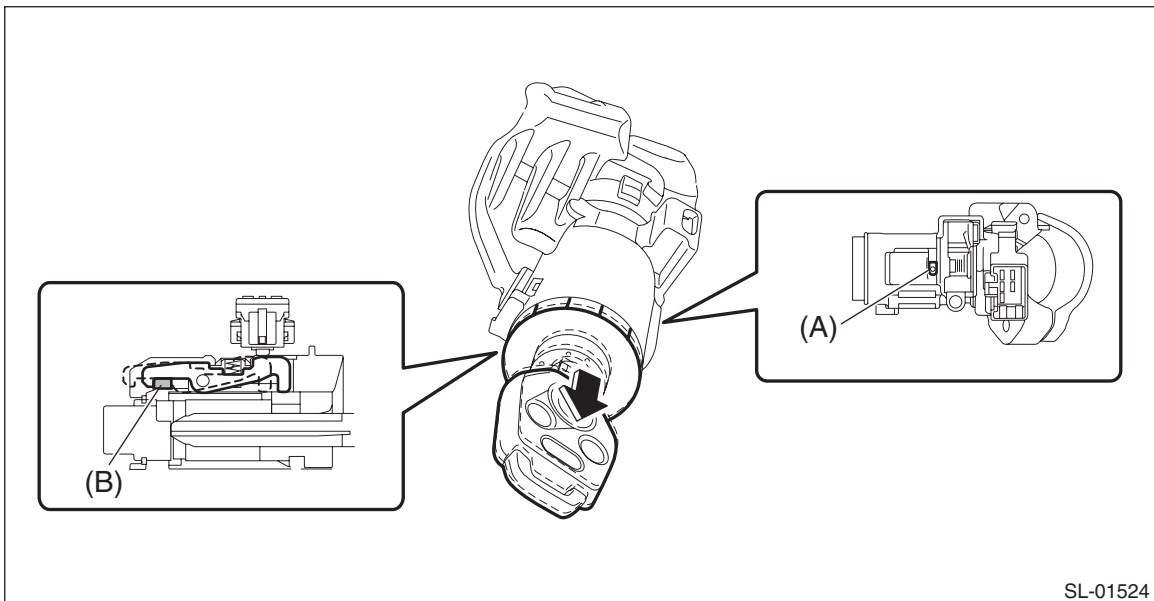
3) Remove the screws and remove the key lock solenoid.



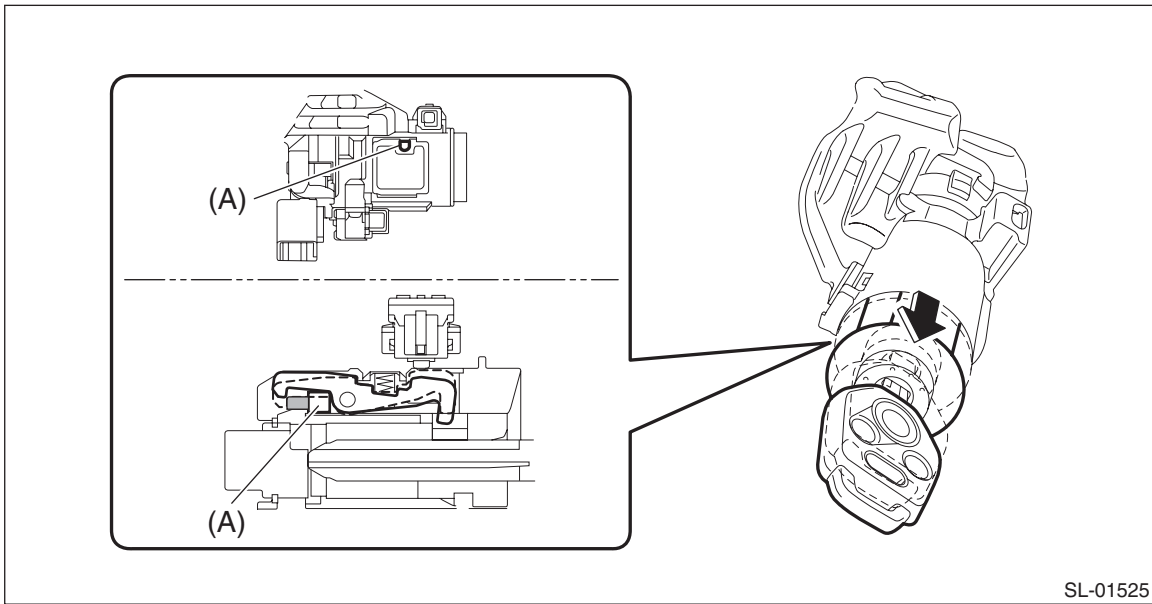
4) Replace the key cylinder.

(1) Insert the key into the key cylinder, and turn the key to the ACC position.

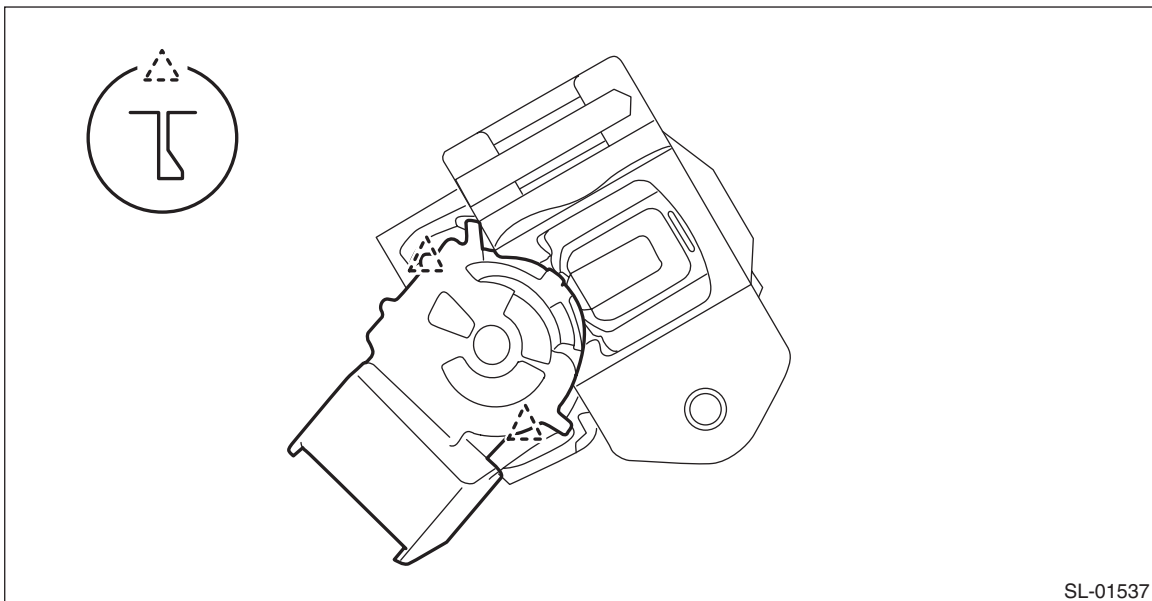
(2) Insert a flat tip screwdriver from the steering lock frame hole (A), and pull the key cylinder until the key cylinder claws touch the steering lock frame stopper (B).



(3) Insert a flat tip screwdriver from the steering lock frame hole (A), and release the claws to pull out the key cylinder.



5) Release the claws and remove the ignition switch assembly.



# Ignition Key Lock

## SECURITY AND LOCKS

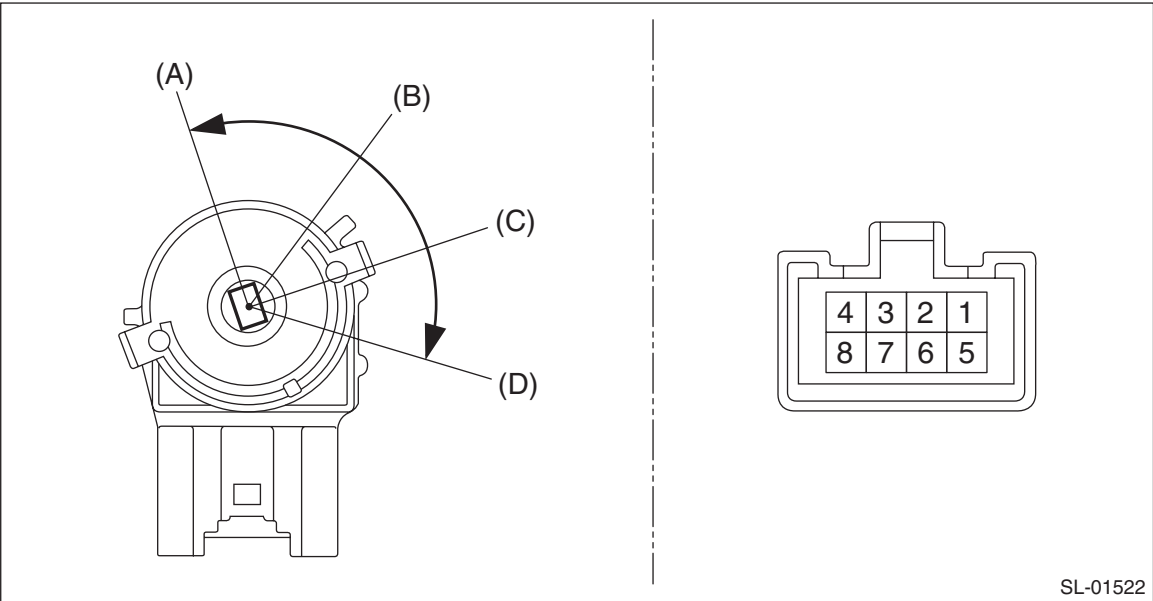
### C: INSPECTION

#### UNIT INSPECTION

**PREPARATION TOOL:**

**Circuit tester**

1) Check the resistance between switch terminals.



Terminal No.	Inspection conditions		Standard
Between all terminals	(A)	LOCK	1 MΩ or more
2 — 4	(B)	ACC	Less than 1 Ω
1 — 2 — 4 5 — 6	(C)	ON	Less than 1 Ω
1 — 3 — 4 5 — 6 — 7	(D)	ST	Less than 1 Ω

2) Replace the ignition switch assembly if the inspection result is not within the standard.