

## 11. Steering Switch

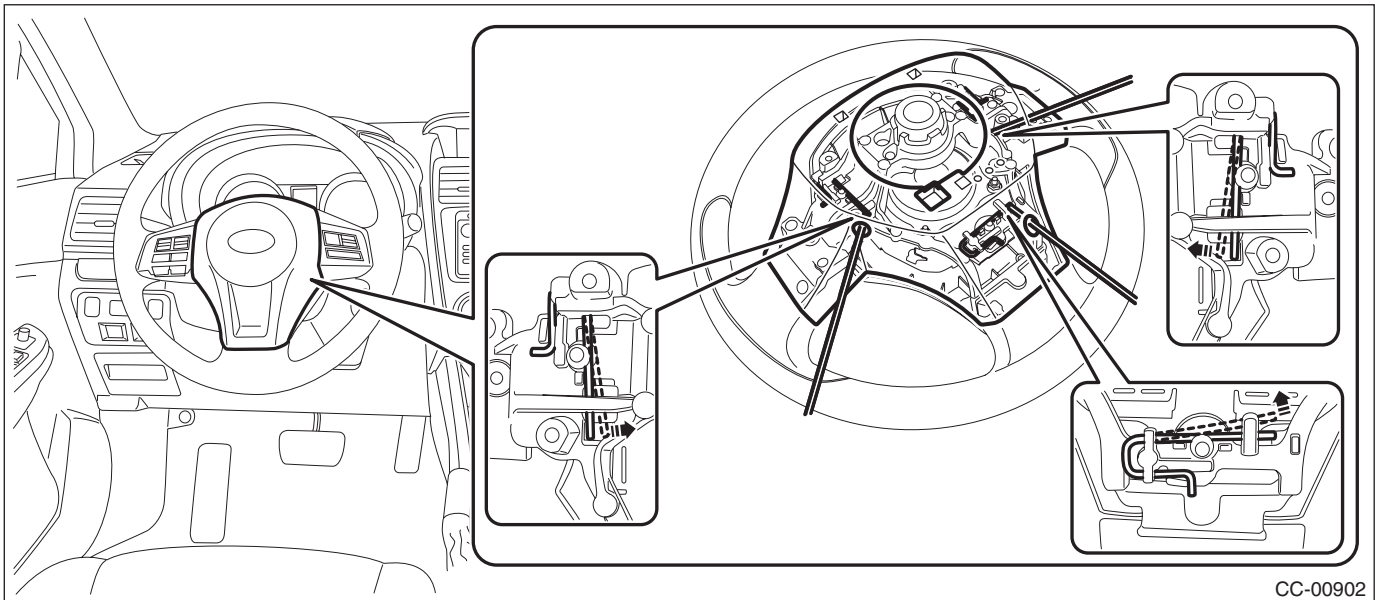
### A: REMOVAL

- 1) Position the front wheels straight ahead. (After moving a vehicle 5 m (16 ft) or more with front wheels positioned straight ahead, make sure that the vehicle moves straight ahead.)
- 2) Turn the ignition switch to OFF.
- 3) Disconnect the ground cable from battery and wait for at least 60 seconds before starting work.
- 4) Remove the driver's airbag module.

#### CAUTION:

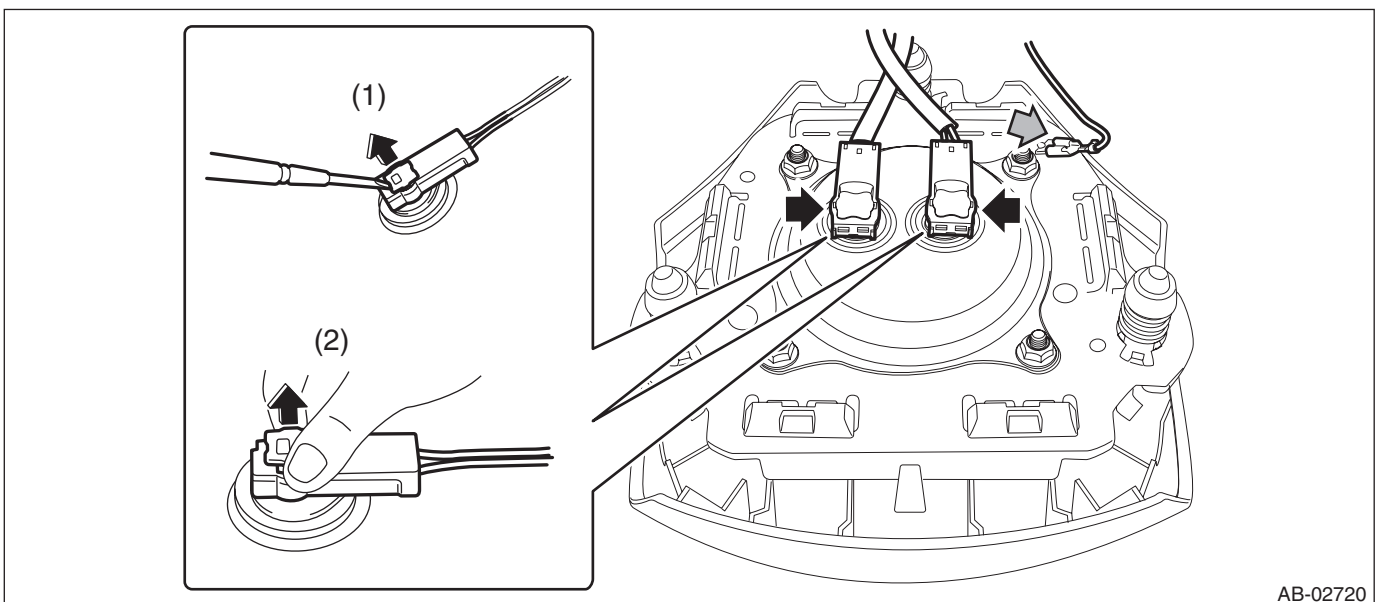
Before handling the airbag module, refer to "CAUTION" of "General Description" in "AIRBAG SYSTEM". <Ref. to AB-11, CAUTION, General Description.>

- (1) Using a hexagon wrench wrapped with protective tape, push in the snap pins to disengage the locks (3 places).



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- (2) Disconnect the horn harness and airbag connector, and remove the driver's airbag module. <Ref. to AB-20, PROCEDURE, Airbag Connector.>



AB-02720

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5) Remove the steering wheel.

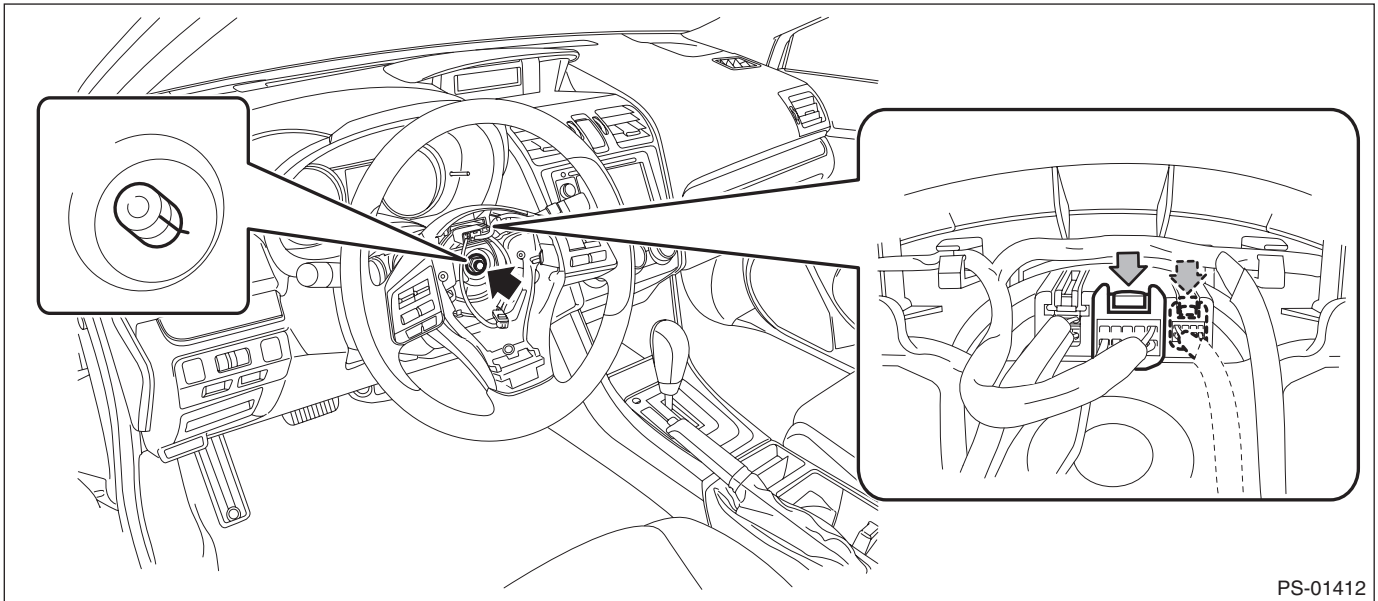
### CAUTION:

- Always use the steering wheel puller for removal to avoid deforming the steering wheel.
- If the steering wheel has been removed, make sure that the roll connector is not turned from the original position.

- (1) Disconnect the connector and remove the nut.
- (2) Put alignment marks and remove the steering wheel using a steering wheel puller.

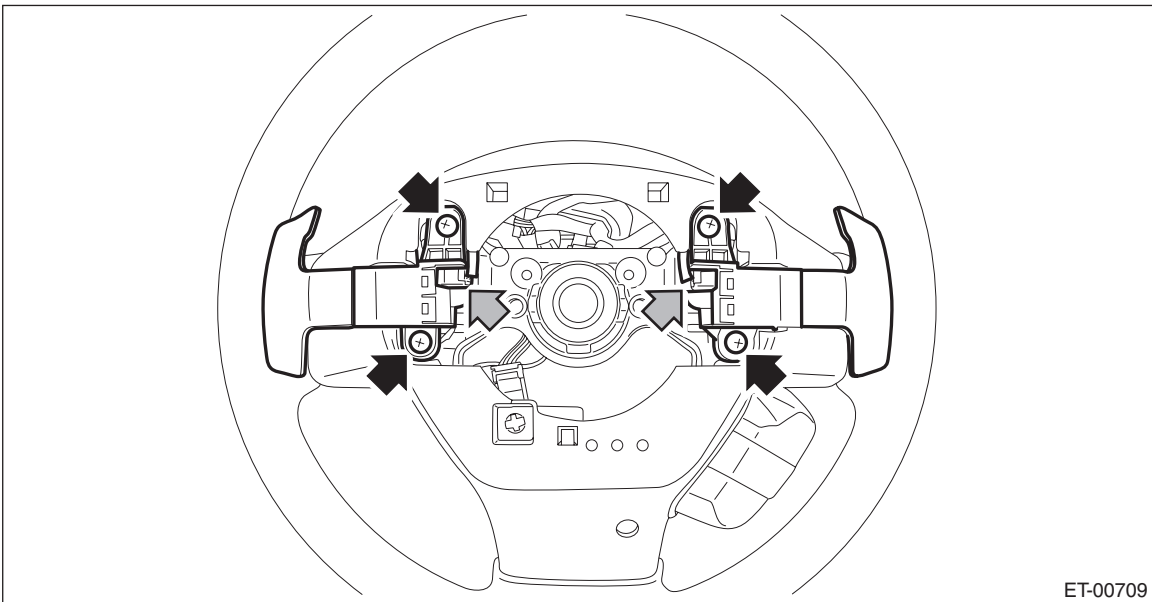
### Preparation tool:

**Steering wheel puller**



6) Remove the switch assembly - steering.

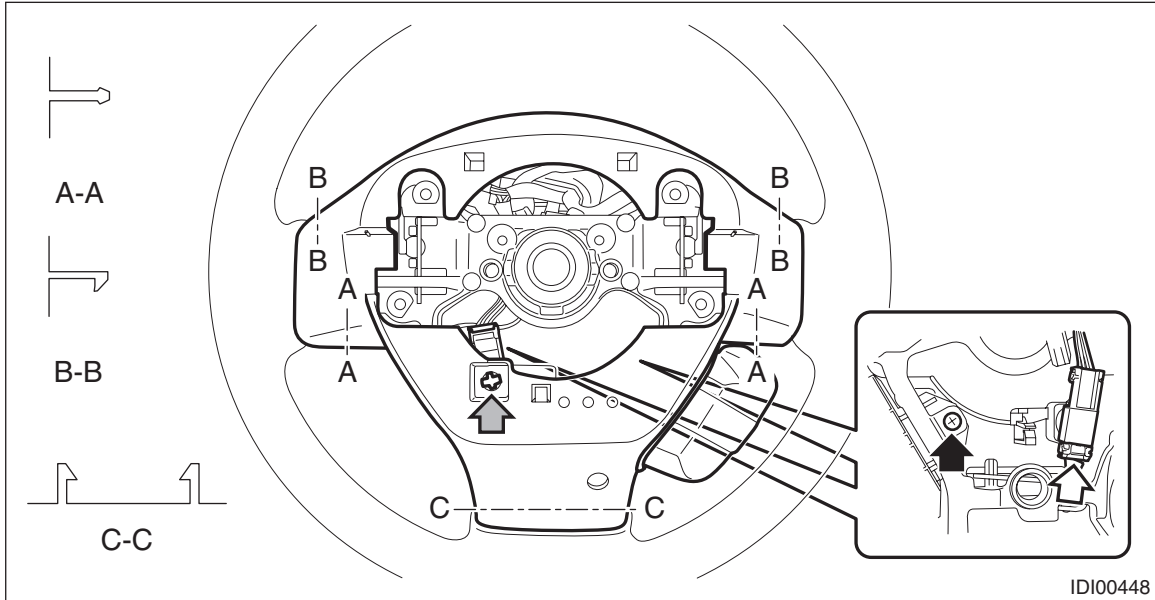
- (1) Remove the screw, disconnect the connector and remove the paddle shift switch. (Model with paddle shift)



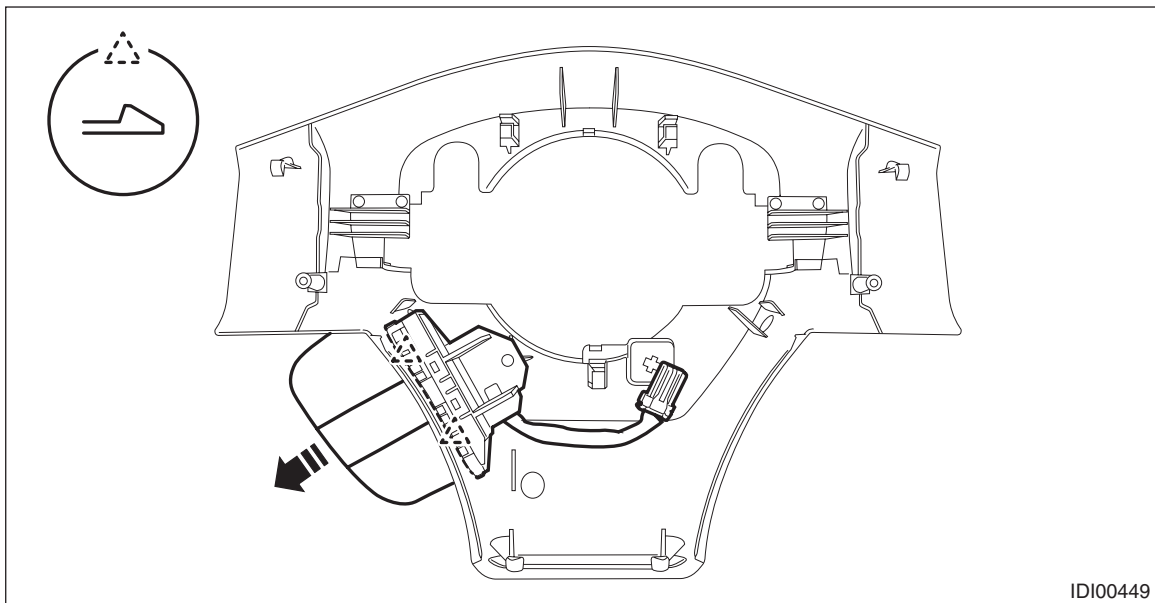
- (2) Remove the connector and screw.

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(3) Release the claws and clips, and remove the cover - steering wheel LWR.



(4) Remove the switch assembly - steering from the cover - steering wheel LWR.



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## B: INSTALLATION

### CAUTION:

- Before handling the airbag module, refer to “CAUTION” of “General Description” in “AIRBAG SYSTEM”. <Ref. to AB-11, CAUTION, General Description.>
  - Do not allow harness and connectors to interfere or get tangled up with other parts.
  - 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-19, VDC SENSOR MIDPOINT SETTING MODE, ADJUSTMENT, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>
- 1) Before installing steering wheel, be sure to adjust the direction of steering roll connector with steering wheel. <Ref. to AB-109, ADJUSTMENT, Roll Connector.>
- 2) Install each part in the reverse order of removal.

### NOTE:

Align the alignment marks on the steering wheel and the column assembly - steering.

### Tightening torque:

**Steering wheel: 39 N·m (3.98 kgf·m, 28.8 ft·lb)**

### Clearance:

**Between cover assembly - column and steering wheel: 4 — 6 mm (0.16 — 0.24 in)**

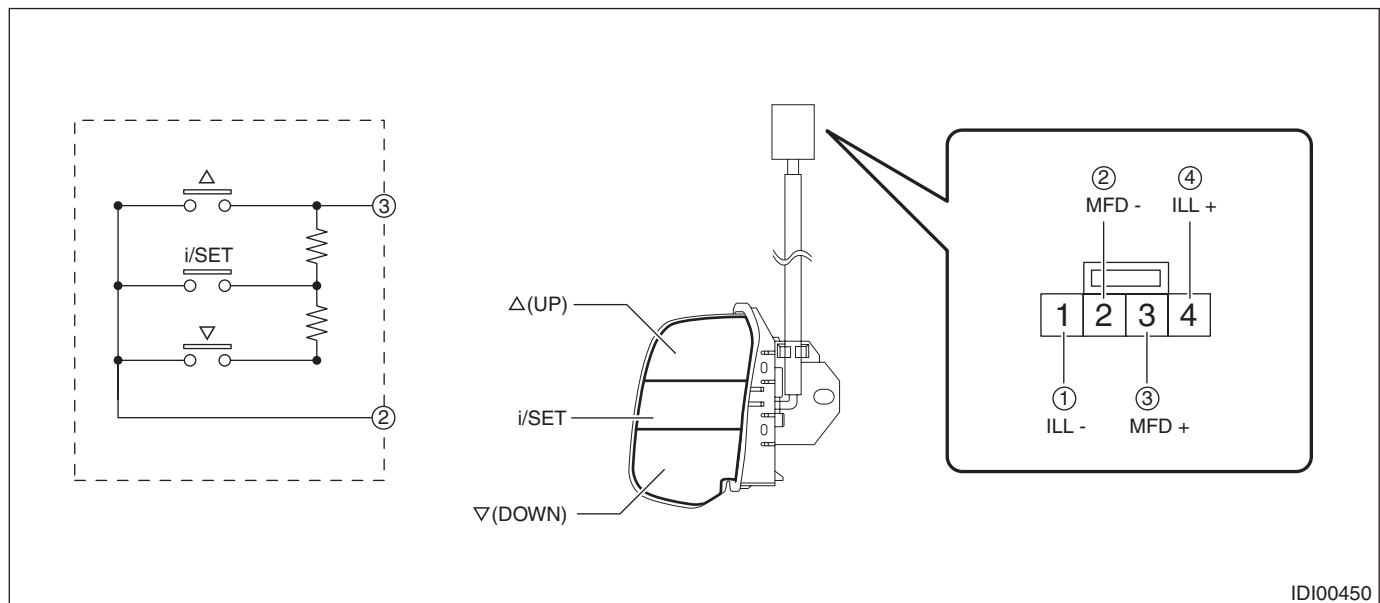
## C: INSPECTION

### UNIT INSPECTION

#### PREPARATION TOOL:

**Circuit tester**

- 1) Check the resistance between switch terminals.



IDI00450

Terminal No.	Inspection conditions	Standard
3 — 2	$\triangle$ (UP) i/SET $\nabla$ (DOWN)	All OFF Approx. 3670 $\Omega$
3 — 2	$\triangle$ (UP)	ON Less than 1 $\Omega$
3 — 2	i/SET	ON Approx. 1000 $\Omega$
3 — 2	$\nabla$ (DOWN)	ON Approx. 2670 $\Omega$

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

# INSTRUMENTATION/DRIVER INFO (DIAGNOSTICS)

## *IDI(diag)*

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