

11.Steering Switch

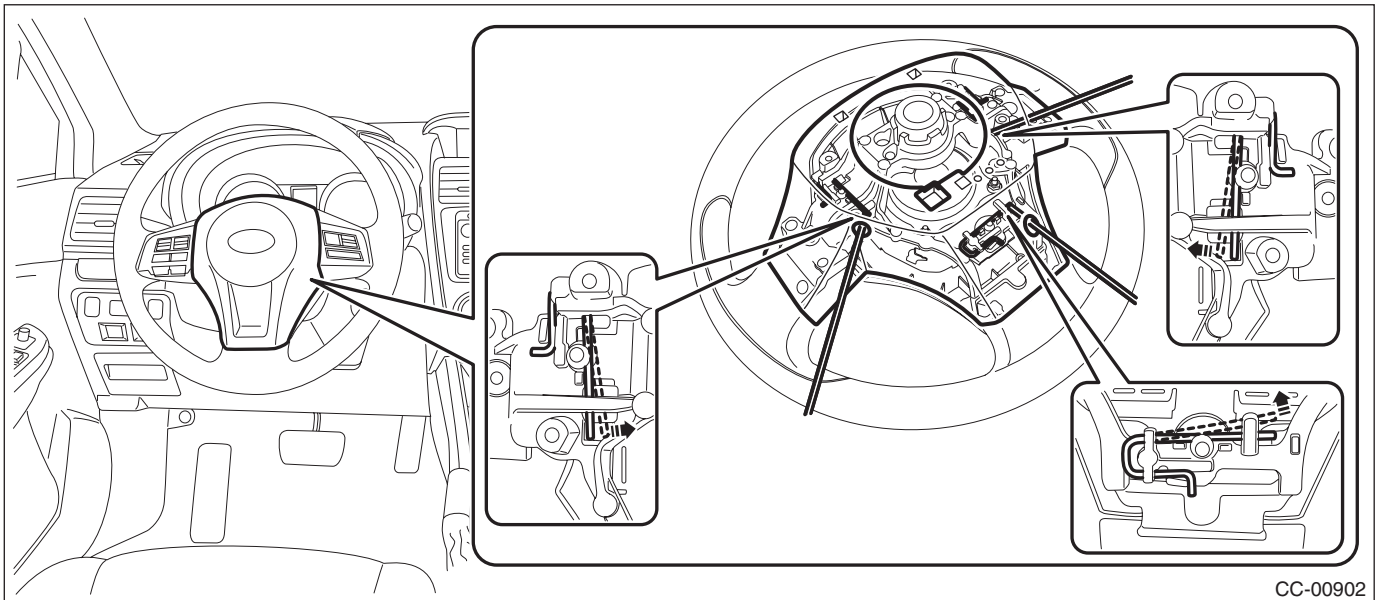
A: REMOVAL

- 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.

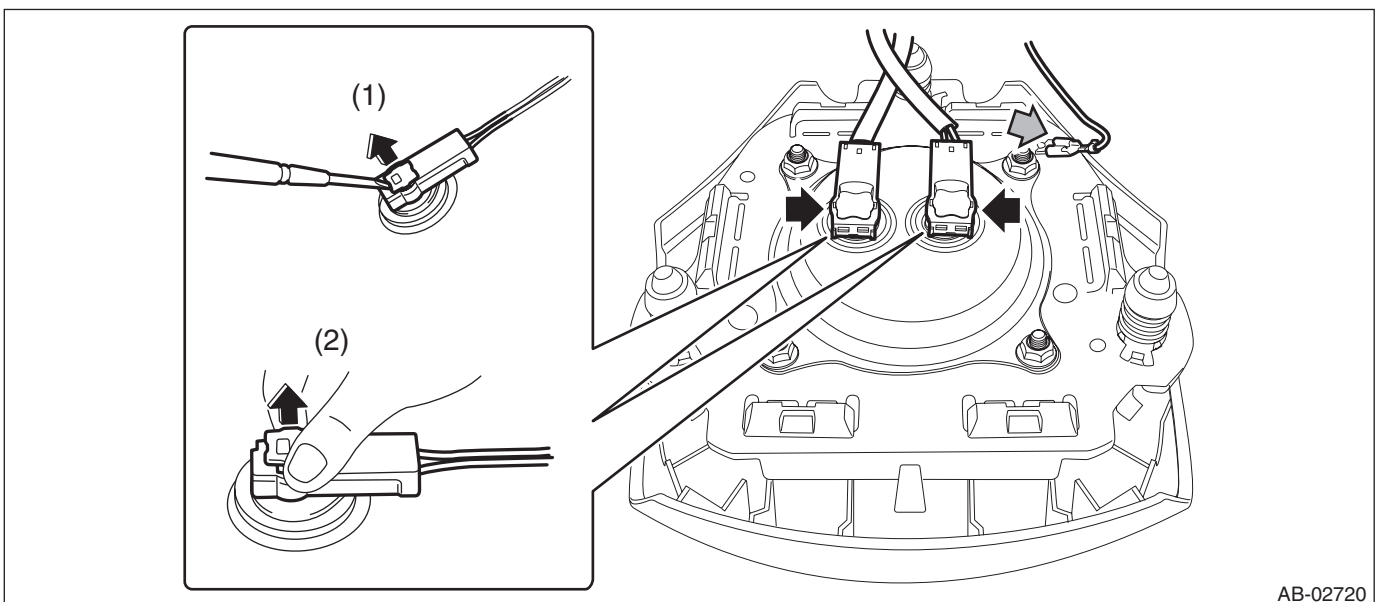
CAUTION:

Before handling the airbag module, refer to “CAUTION” of “General Description” in “AIRBAG SYSTEM”. <Ref. to AB-10, CAUTION, General Description.>

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



- (2) Disconnect the horn harness and airbag connector, and remove the driver's airbag module. <Ref. to AB-19, PROCEDURE, Airbag Connector.>



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5) Remove the steering wheel.

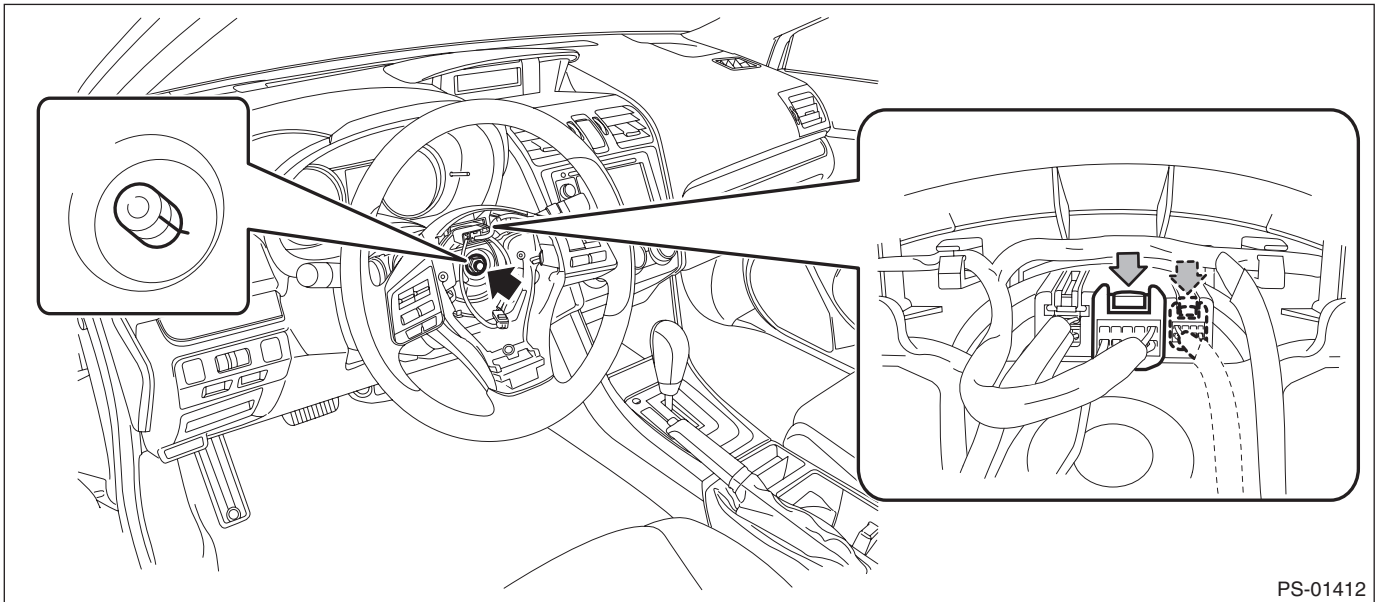
CAUTION:

- 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.

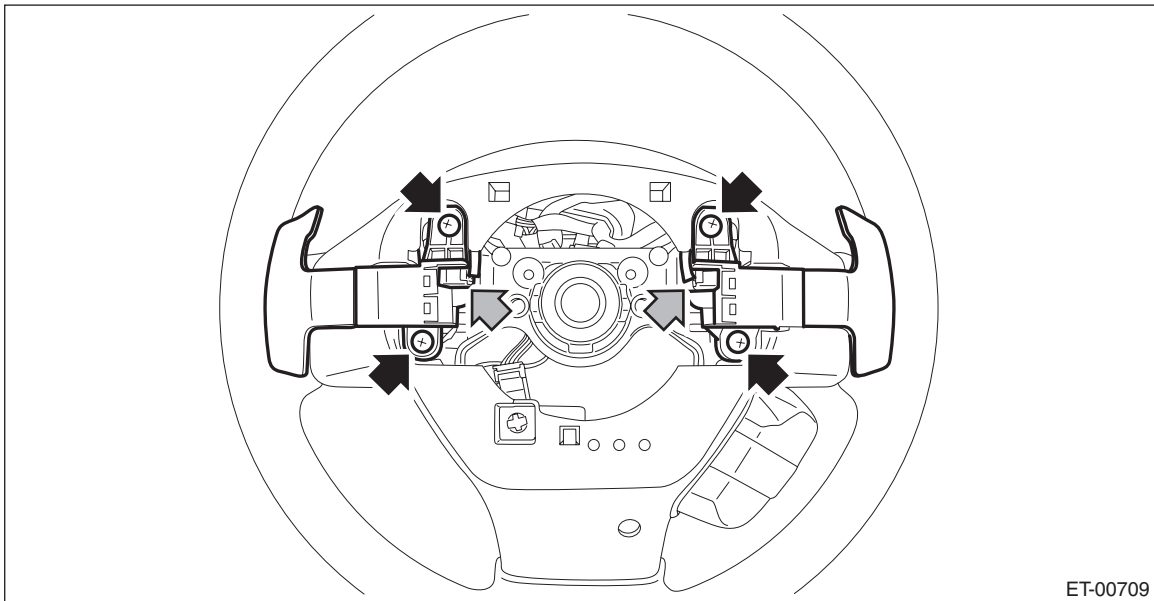
Preparation tool:

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)

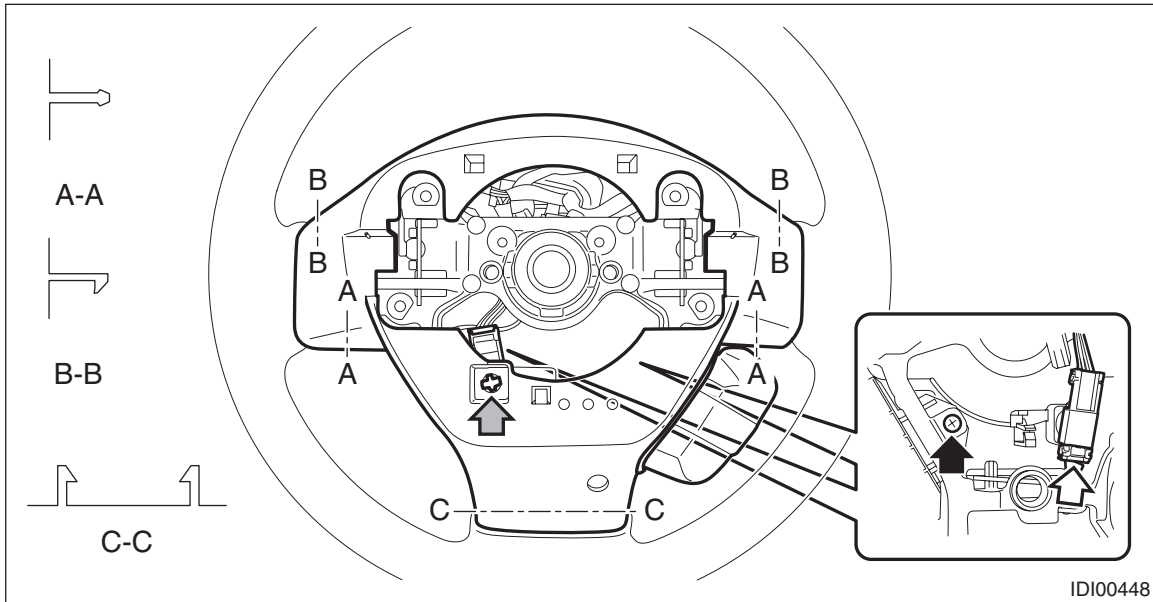


- (2) Remove the connector and screw.

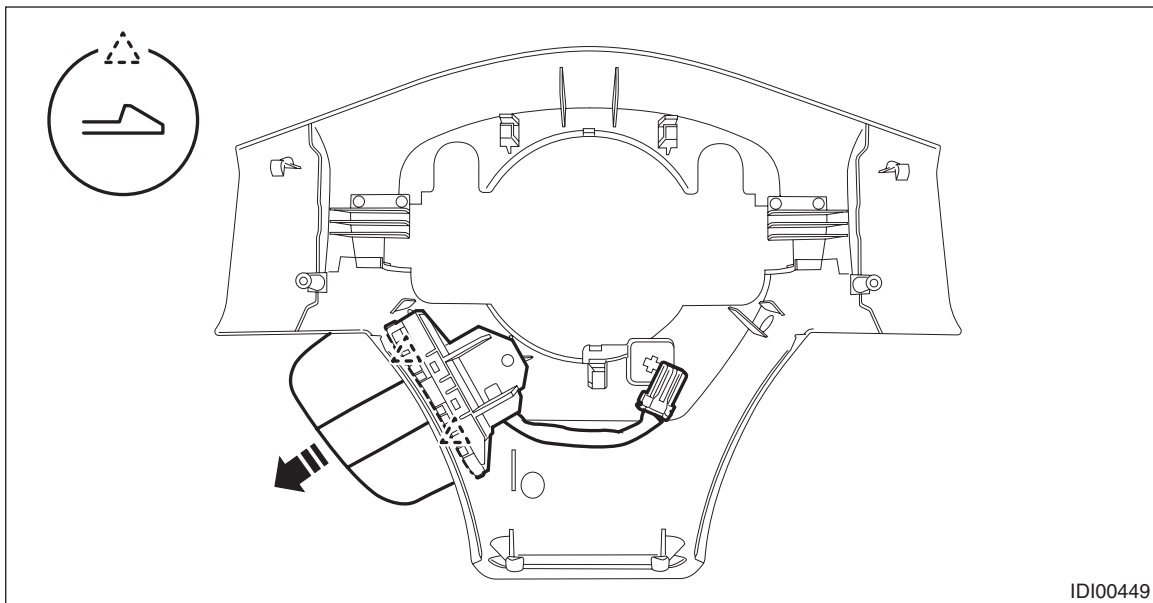
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- (3) Release the claws and clips, and remove the cover - steering wheel LWR.



- (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-10, 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-18, 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-105, 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)

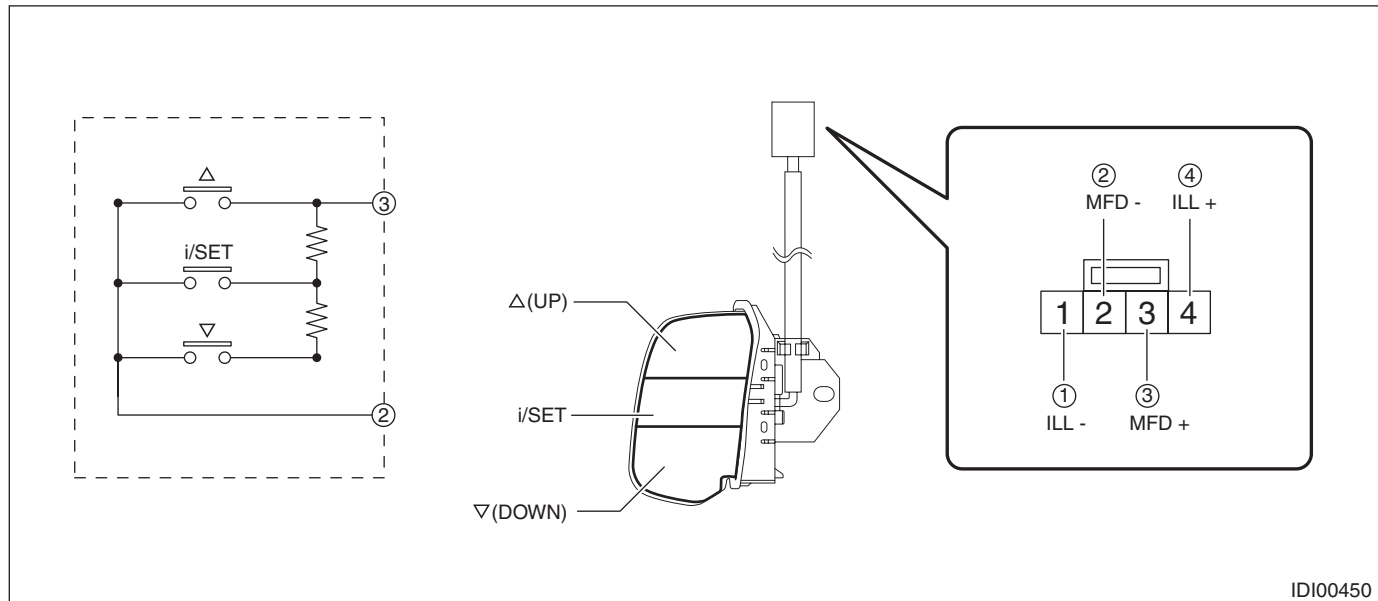
C: INSPECTION

UNIT INSPECTION

PREPARATION TOOL:

Circuit tester

- 1) Check the resistance between switch terminals.



Terminal No.	Inspection conditions		Standard
3 — 2	△ (UP) i/SET ▽ (DOWN)	All OFF	Approx. 3670 Ω
3 — 2	△ (UP)	ON	Less than 1 Ω
3 — 2	i/SET	ON	Approx. 1000 Ω
3 — 2	▽ (DOWN)	ON	Approx. 2670 Ω

- 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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