

10. Steering Satellite Switch

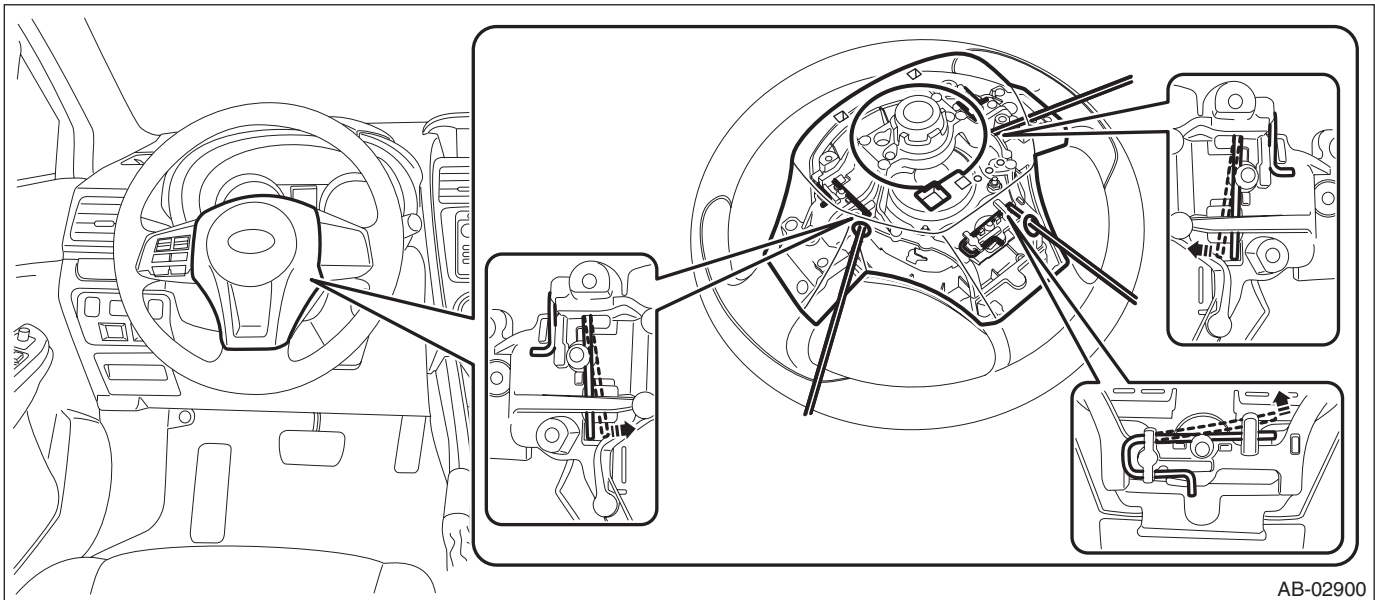
A: REMOVAL

- 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.

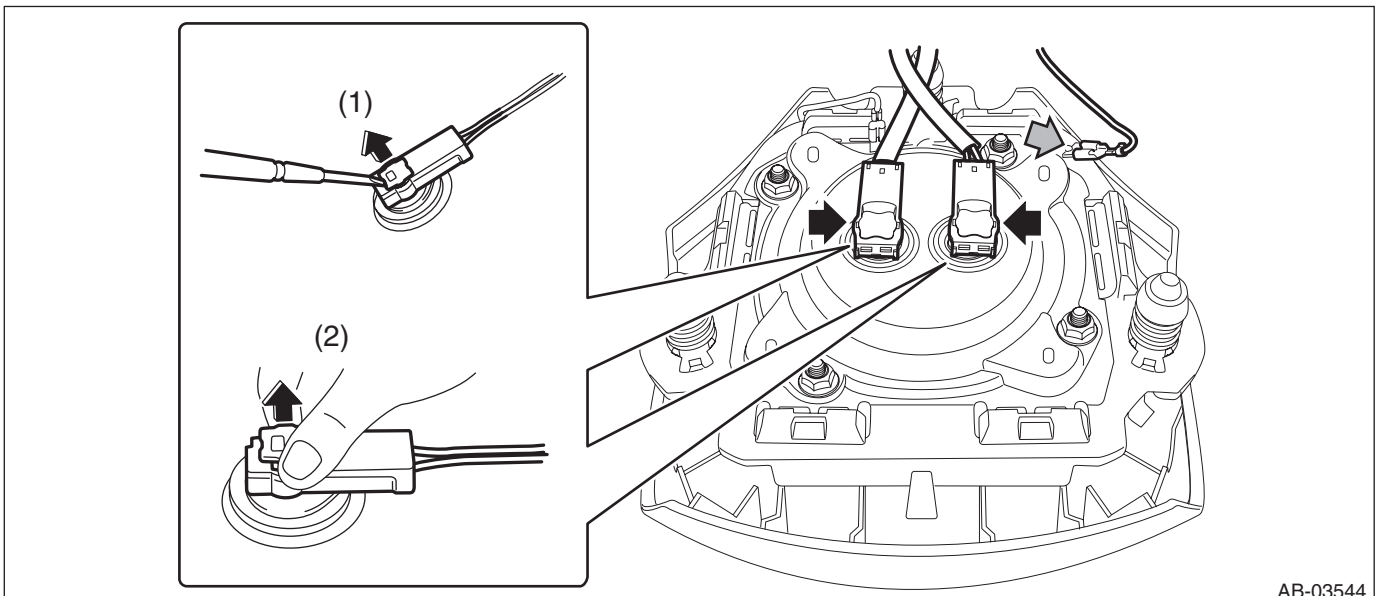
CAUTION:

Before handling the airbag module, refer to “CAUTION” of “General Description” in “AIRBAG SYSTEM”.<Ref. to AB-9, CAUTION, General Description.>

- (1) Using a hexagon wrench etc. wrapped by protective tape, insert the snap pins and release the locks (3 locations).



- (2) Disconnect the horn harness and airbag connector, and remove the driver's airbag module.<Ref. to AB-22, DRIVER'S AIRBAG MODULE, KNEE AIRBAG MODULE, CURTAIN AIRBAG MODULE AND PRETENSIONER, PROCEDURE, Airbag Connector.>



Steering Satellite Switch

ENTERTAINMENT

5) Remove the steering wheel.

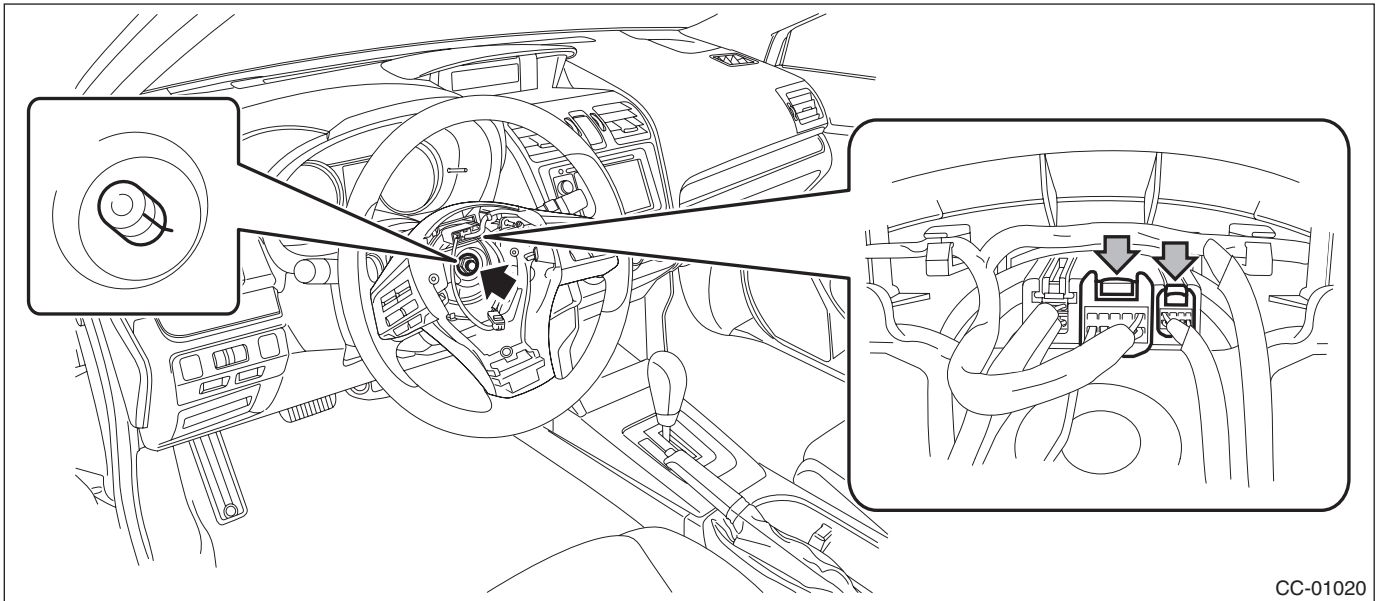
CAUTION:

- 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.

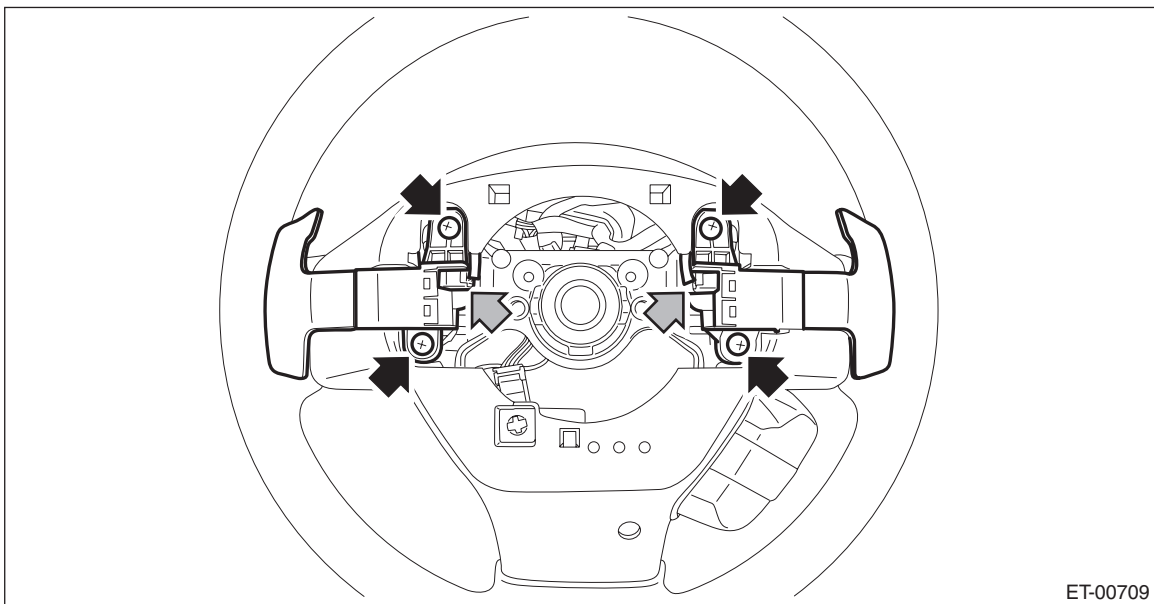
Preparation tool:

Steering wheel puller

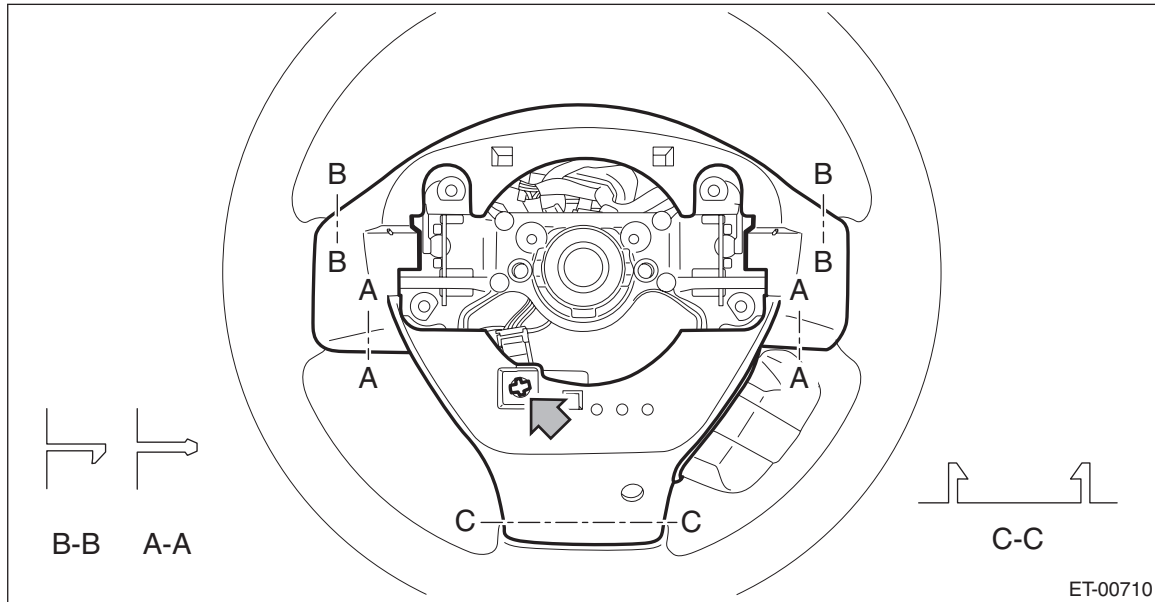


6) Remove the satellite switch assembly.

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

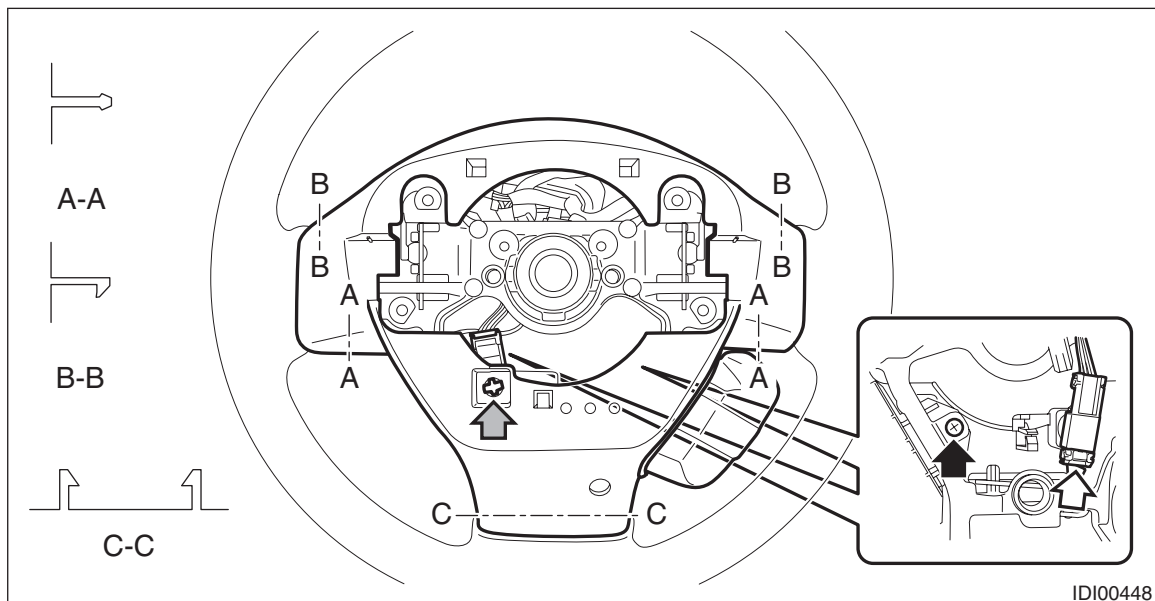


(2) Release the claws and clips, detach the cover - steering wheel LWR.



NOTE:

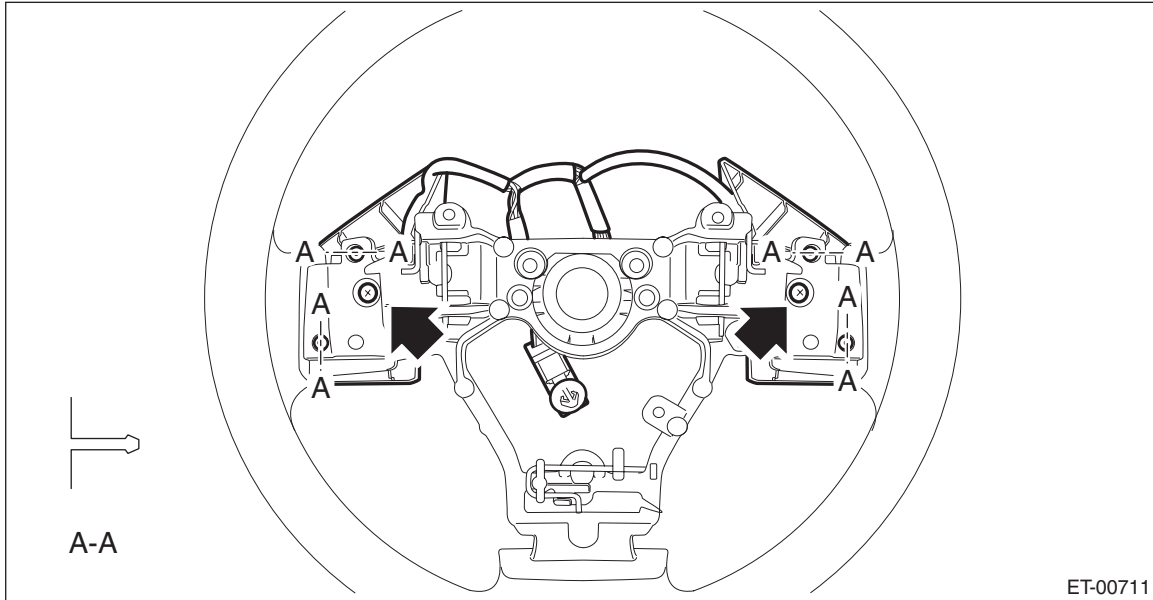
For model with steering switch, remove the connector and screw.



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ENTERTAINMENT

(3) Remove the screws and then remove the satellite switch assembly.



B: INSTALLATION

CAUTION:

- Before handling the airbag module, refer to “CAUTION” of “General Description” in “AIRBAG SYSTEM”.<Ref. to AB-9, 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, adjust the steering angle sensor.<Ref. to VDC-23, ADJUSTMENT, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>
- Securely install the switch. Improper insertion of the pin or claw of the switch may cause improper installation.

1) Before installing steering wheel, be sure to adjust the direction of steering roll connector with steering wheel.<Ref. to AB-107, 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:

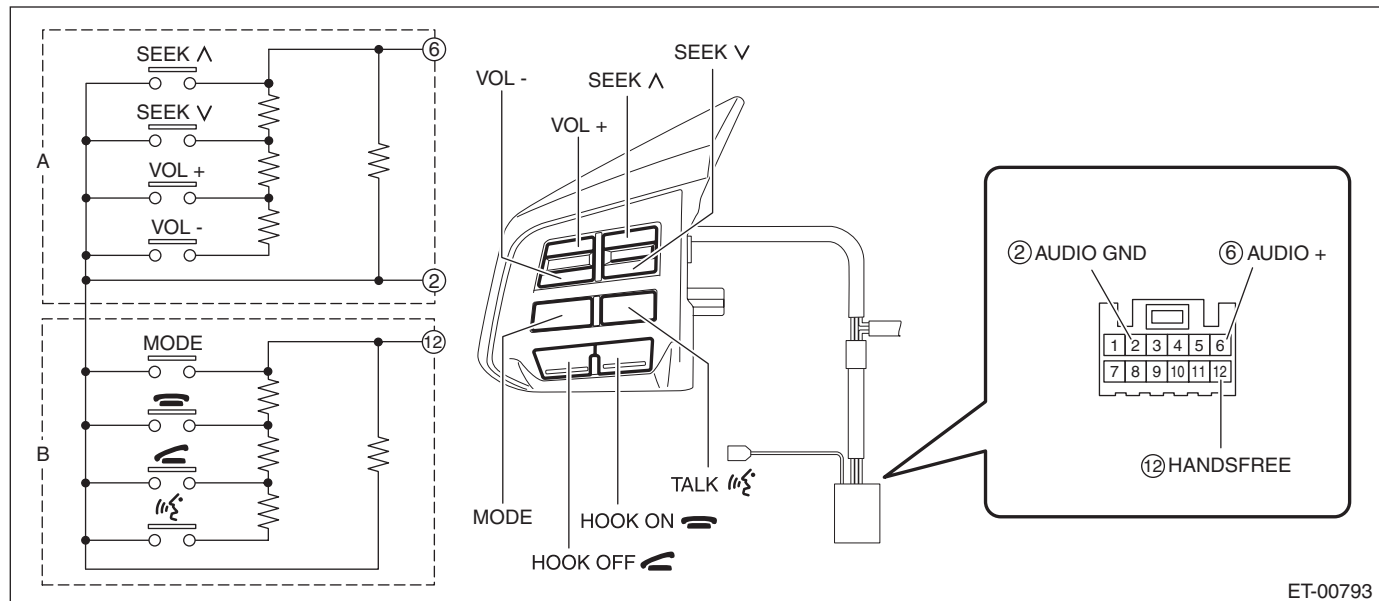
Steering wheel: 39 N·m (4.0 kgf-m, 28.8 ft-lb)

Clearance:

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

C: INSPECTION

1) Check the resistance between switch terminals.



Terminal No.	Inspection conditions		Standard
6 — 2	SEEK (Δ) SEEK (∇) VOL (+) VOL (-)	A circuit is all OFF.	Approx. 100 kΩ
6 — 2	Preset CH UP/SEEK (Δ)	ON	Less than 1 Ω
6 — 2	Preset CH DOWN/SEEK (∇)	ON	Approx. 330 Ω
6 — 2	VOL (+)	ON	Approx. 1,000 Ω
6 — 2	VOL (-)	ON	Approx. 3,110 Ω
12 — 2	MODE HOOK ON HOOK OFF TALK	B circuit is all OFF.	Approx. 100 kΩ
12 — 2	MODE	ON	Less than 1 Ω
12 — 2	HOOK ON	ON	Approx. 330 Ω
12 — 2	HOOK OFF	ON	Approx. 1,000 Ω
12 — 2	TALK	ON	Approx. 3,110 Ω

2) If the result of the inspection is not within the standard value, replace the satellite switch assembly.