

11. Steering Satellite Switch

A: REMOVAL

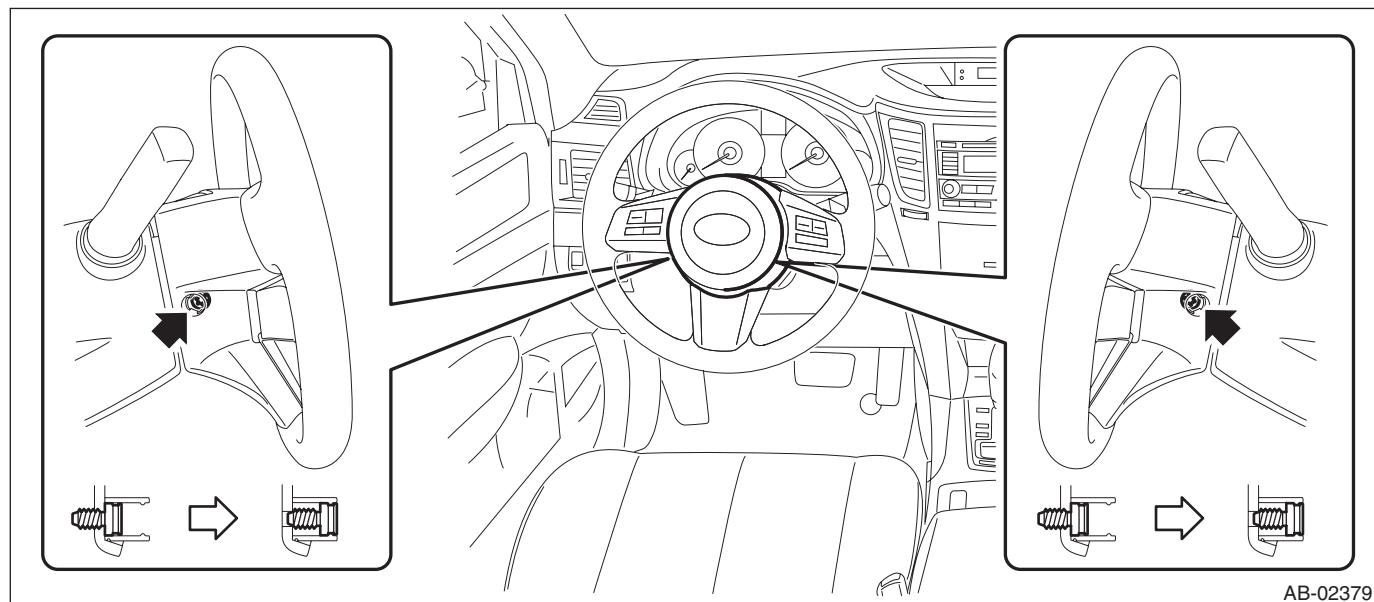
CAUTION:

Refer to "CAUTION" of "General Description" before handling the airbag module. <Ref. to AB-9, CAUTION, General Description.>

- 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 assembly.

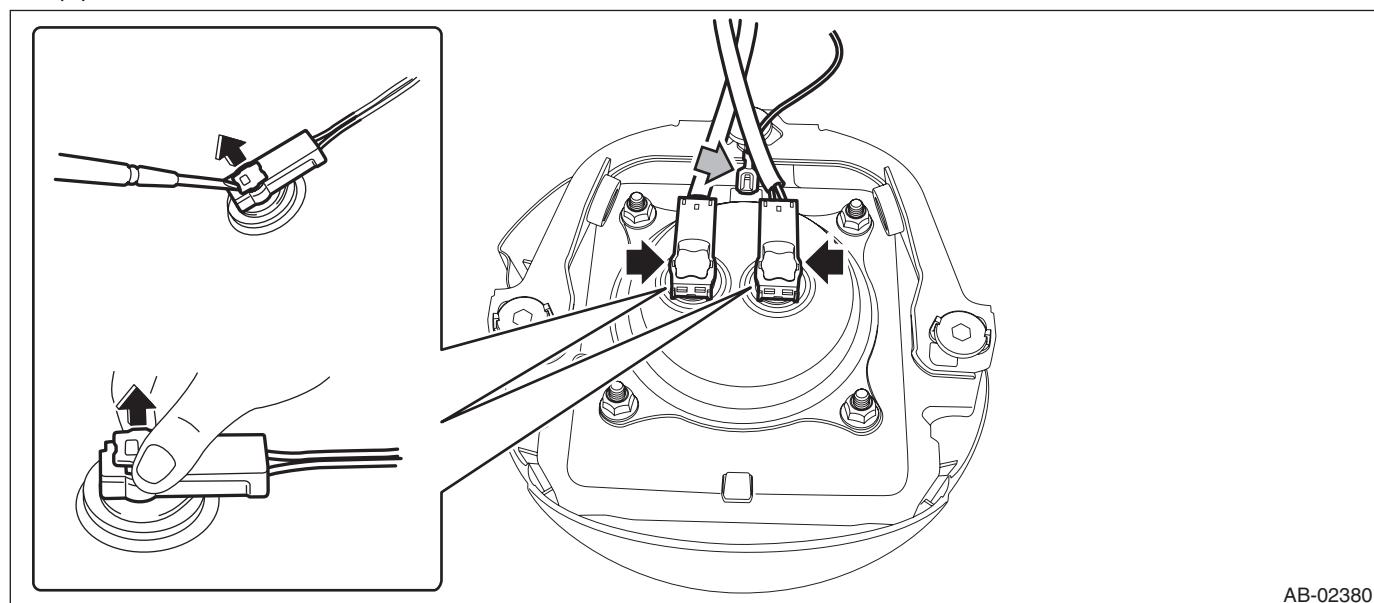
Preparation tool: TORX® T30

- (1) Loosen the TORX® bolts located on the sides of the steering wheel.



- (2) Disconnect the airbag connector and remove the airbag module assembly. <Ref. to AB-18, PROCEDURE, Airbag Connector.>

- (3) Disconnect the horn harness.



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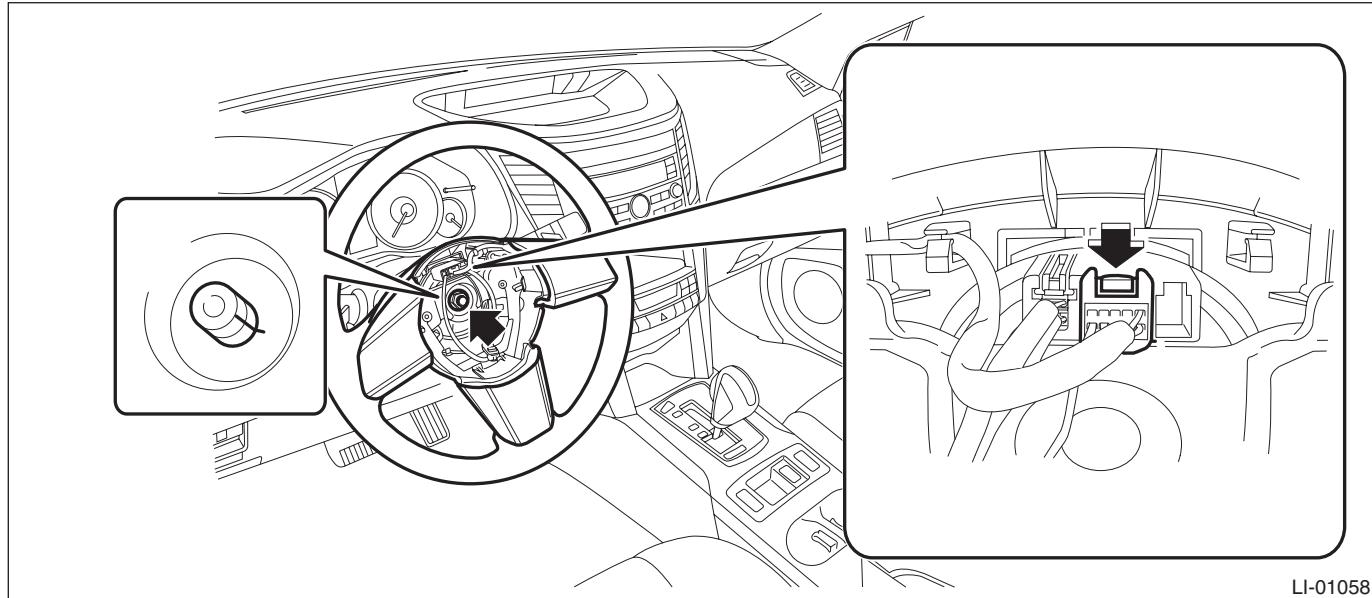
ENTERTAINMENT

5) Remove the steering wheel.

CAUTION:

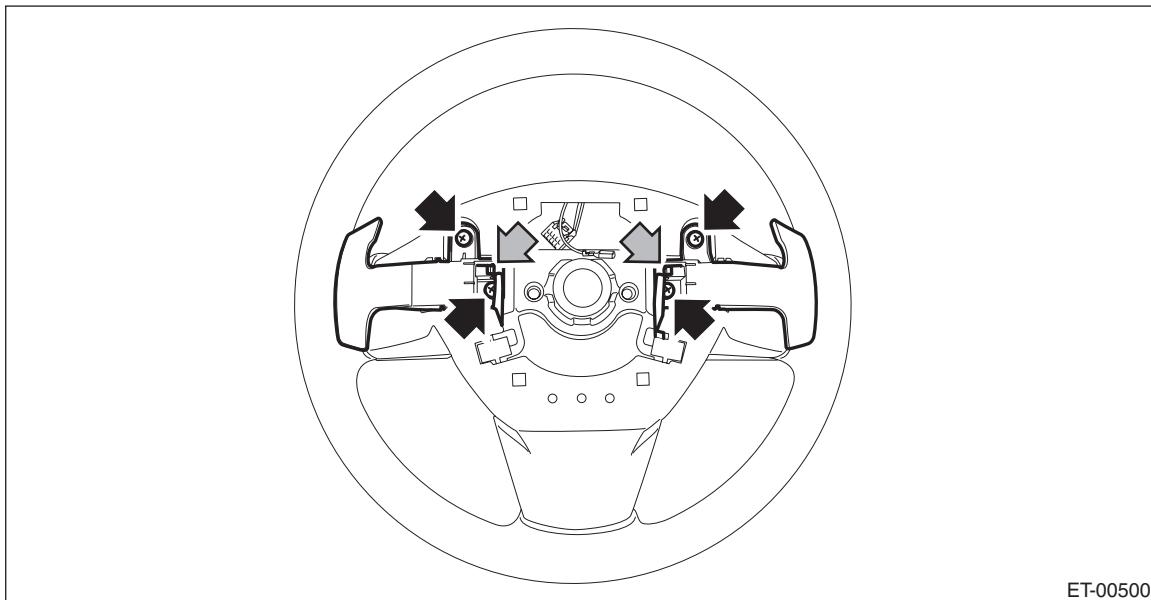
- Always use the steering wheel puller for removal to avoid deforming the steering wheel.
- If the steering wheel has been removed, make sure that the roll connector is not turned from the original position.

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

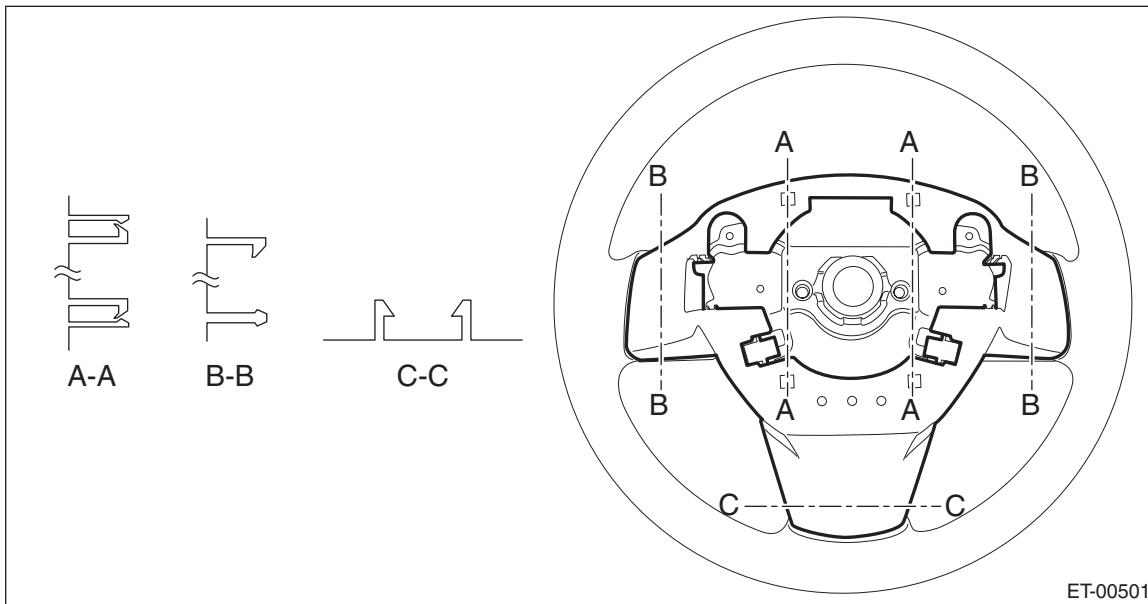


6) Remove the satellite switch.

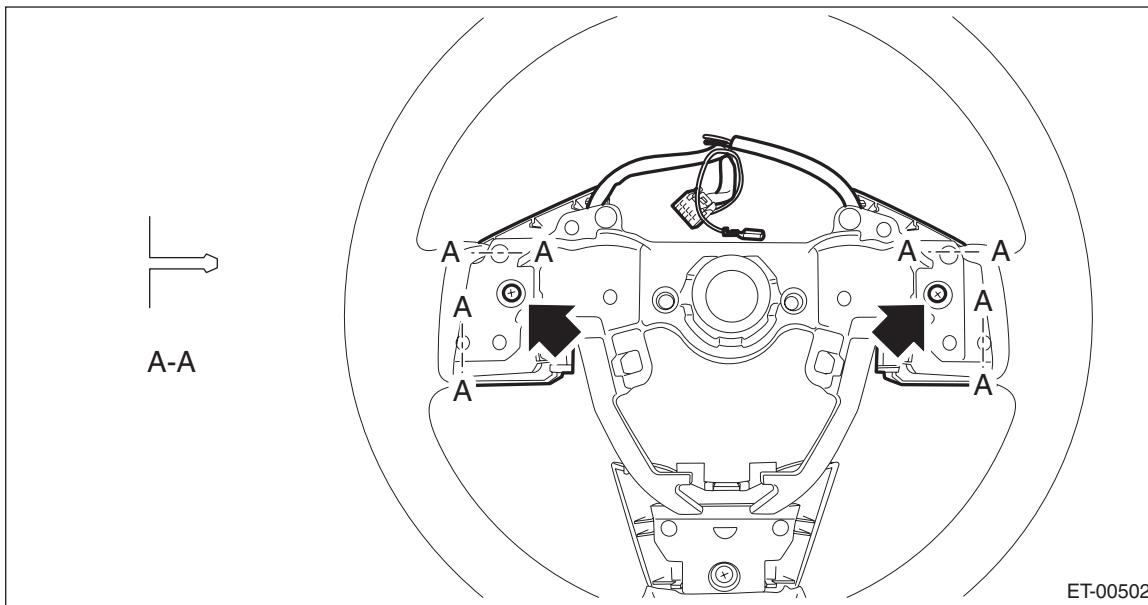
- (1) Remove the screw, disconnect the connector and remove the paddle shift switch. (Model with paddle shift)



(2) Disconnect the claws and then remove the lower cover.



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



B: INSTALLATION

Install each part in the reverse order of removal.

Tightening torque:

Airbag module: 10 N·m (1.0 kgf·m, 7.4 ft-lb)

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

Column cover-to-steering wheel clearance:

2 — 4 mm (0.08 — 0.16 in)

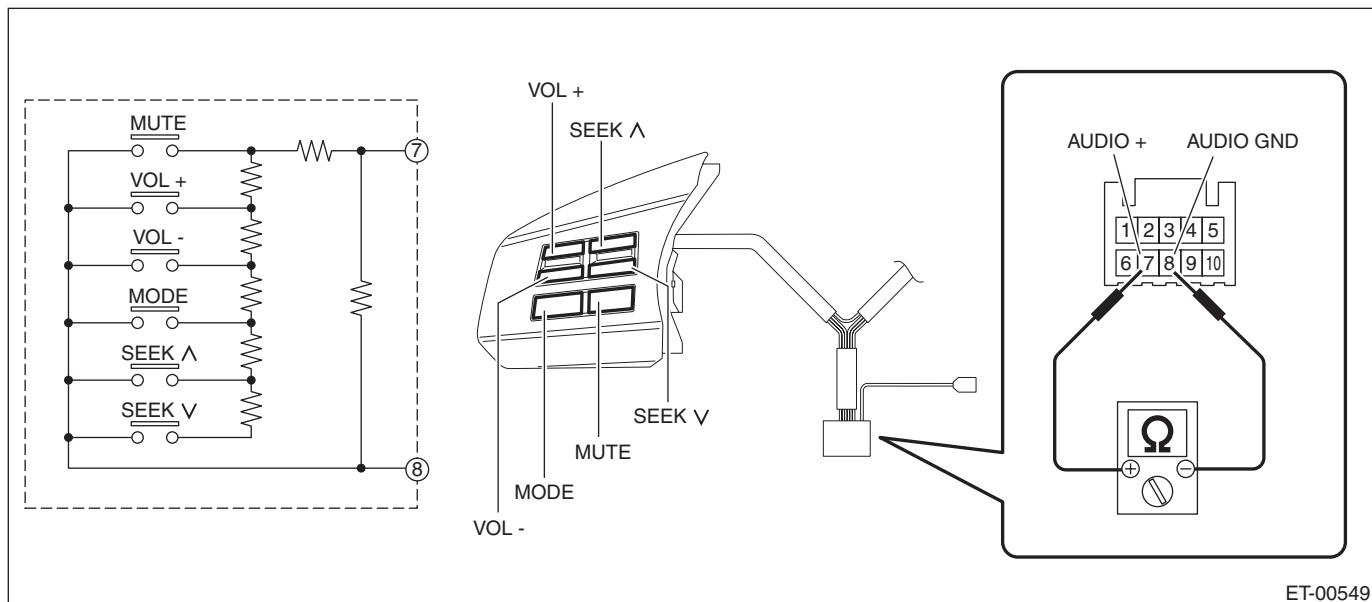
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ENTERTAINMENT

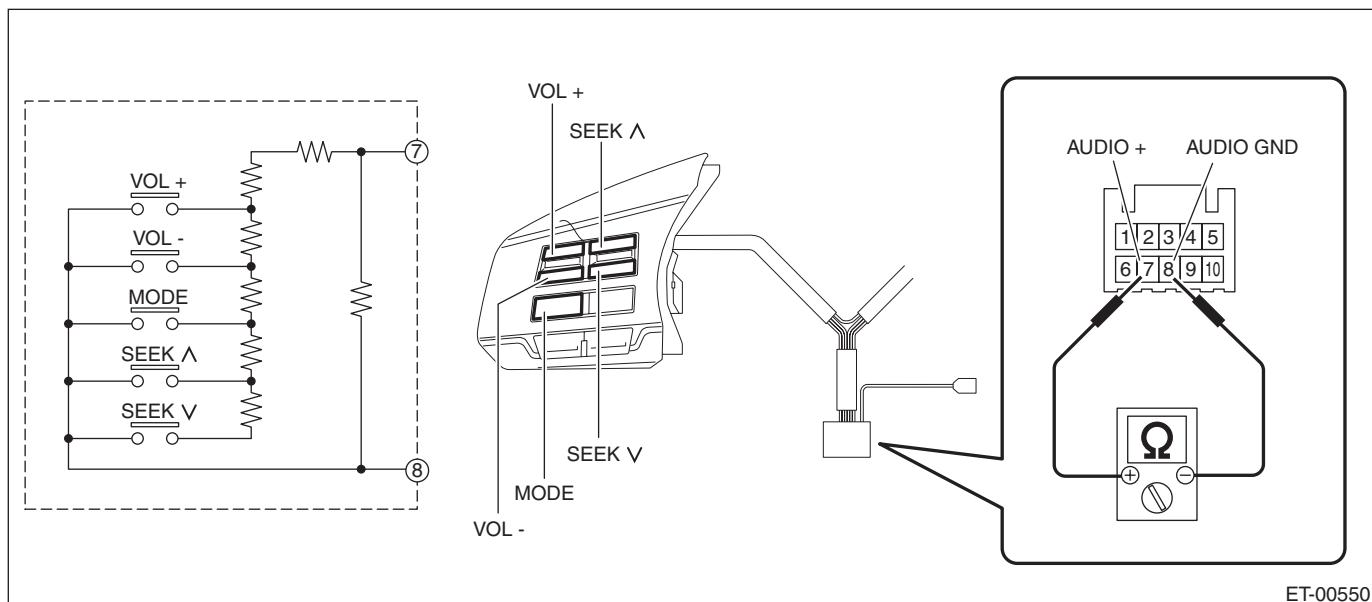
C: INSPECTION

1) Measure the resistance between satellite switch connector terminals.

- Audio operation



ET-00549



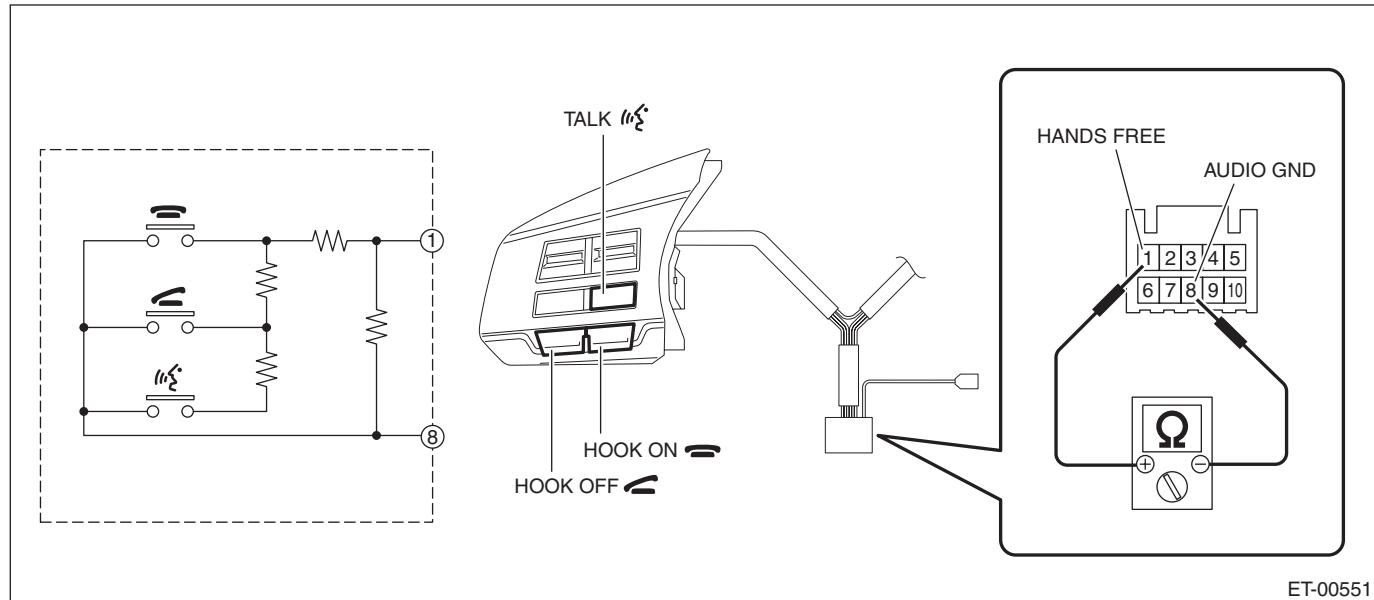
ET-00550

Switch	Switch operation	Terminal No.	Standard
Mute Volume (+) Volume (-) Mode Seek (↖) Seek (↙)	All OFF	7 and 8	Approx. 4.7 kΩ
Mute	ON	7 and 8	Approx. 22 Ω
Volume (+)	ON	7 and 8	Approx. 90 Ω
Volume (-)	ON	7 and 8	Approx. 200 Ω
Mode	ON	7 and 8	Approx. 360 Ω
Preset CH UP/Seek (↖)	ON	7 and 8	Approx. 690 Ω
Preset CH DOWN/Seek (↙)	ON	7 and 8	Approx. 1.5 kΩ

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ENTERTAINMENT

- Handsfree operation (Models with handsfree feature)



Switch	Switch operation	Terminal No.	Standard
HOOK ON HOOK OFF TALK	All OFF	1 and 8	Approx. 100 kΩ
HOOK ON	ON	1 and 8	Approx. 330 Ω
HOOK OFF	ON	1 and 8	Approx. 1 kΩ
TALK	ON	1 and 8	Approx. 3.2 kΩ

2) Replace the satellite switch if the measurement result is not within the standard value.