

## 11. Steering Satellite Switch

### A: REMOVAL

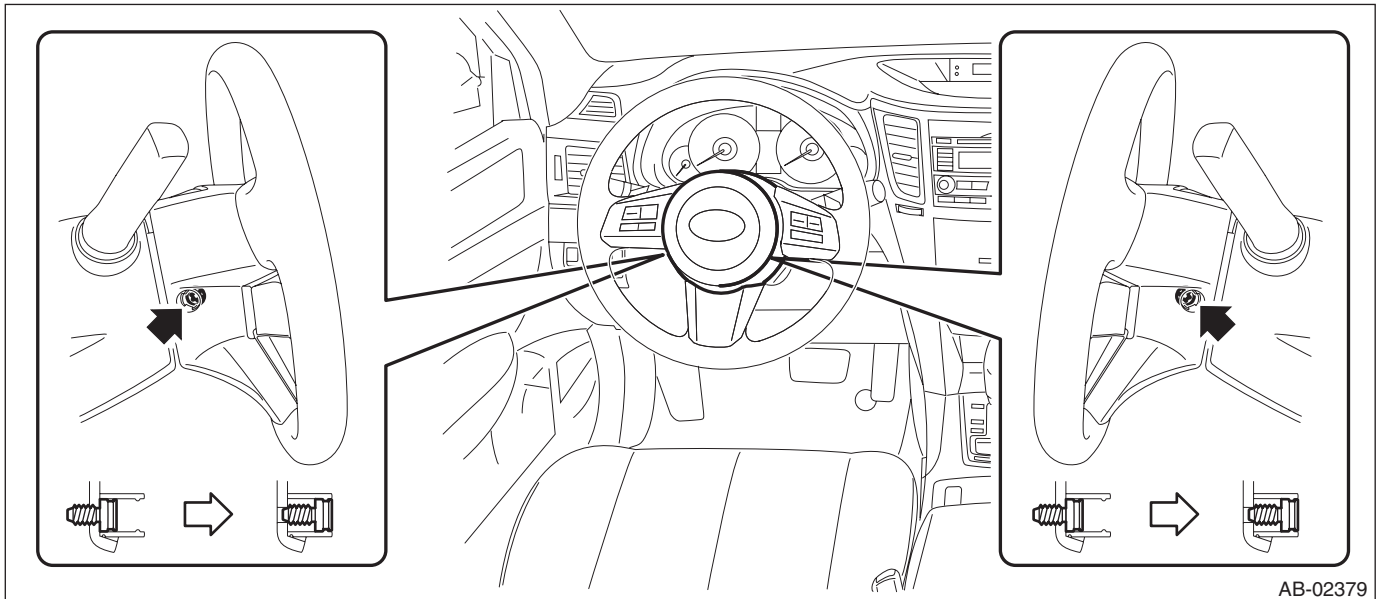
#### CAUTION:

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

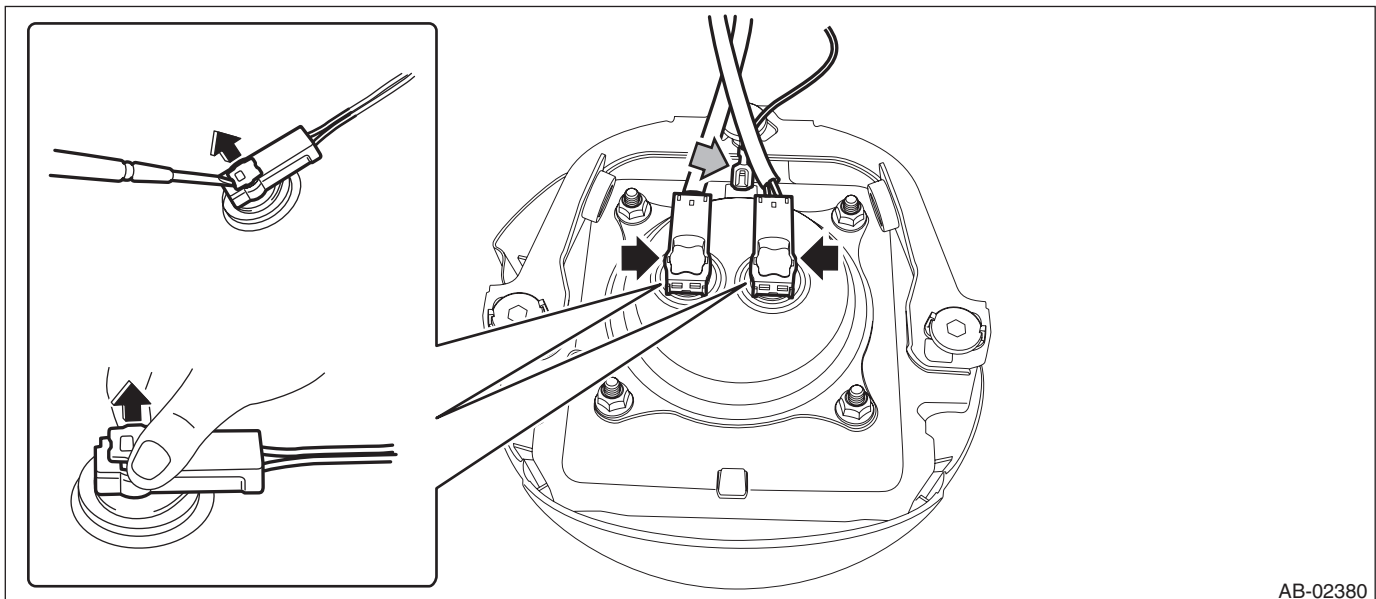
- 1) Position the front wheels straight ahead. (After moving a vehicle 5 m (16 ft) or more with front wheels positioned straight ahead, make sure that the vehicle moves straight ahead.)
- 2) Turn the ignition switch to OFF.
- 3) Disconnect the ground cable from battery and wait for at least 60 seconds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



## Steering Satellite Switch

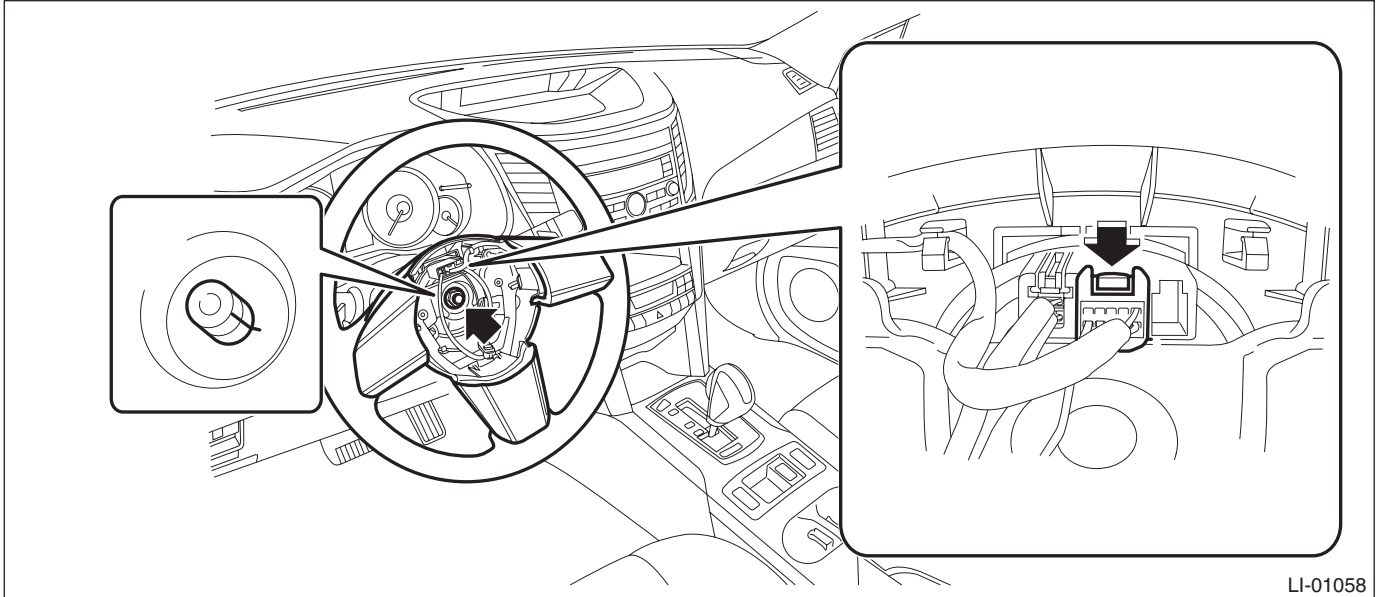
### ENTERTAINMENT

5) Remove the steering wheel.

#### CAUTION:

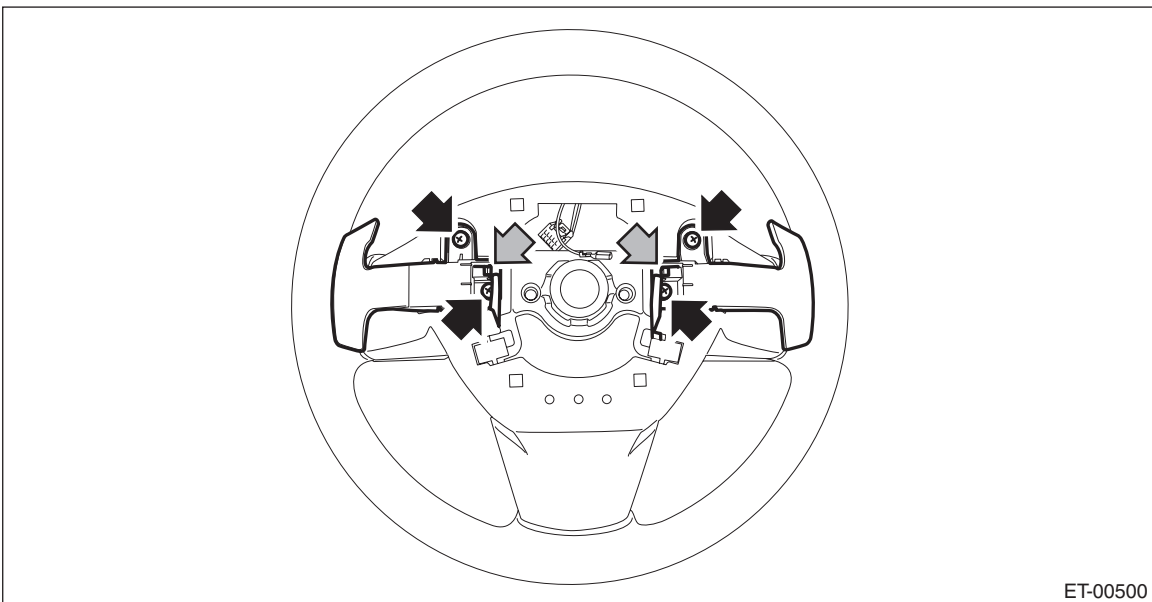
- Always use the steering wheel puller for removal to avoid deforming the steering wheel.
- If the steering wheel has been removed, make sure that the roll connector is not turned from the original position.

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

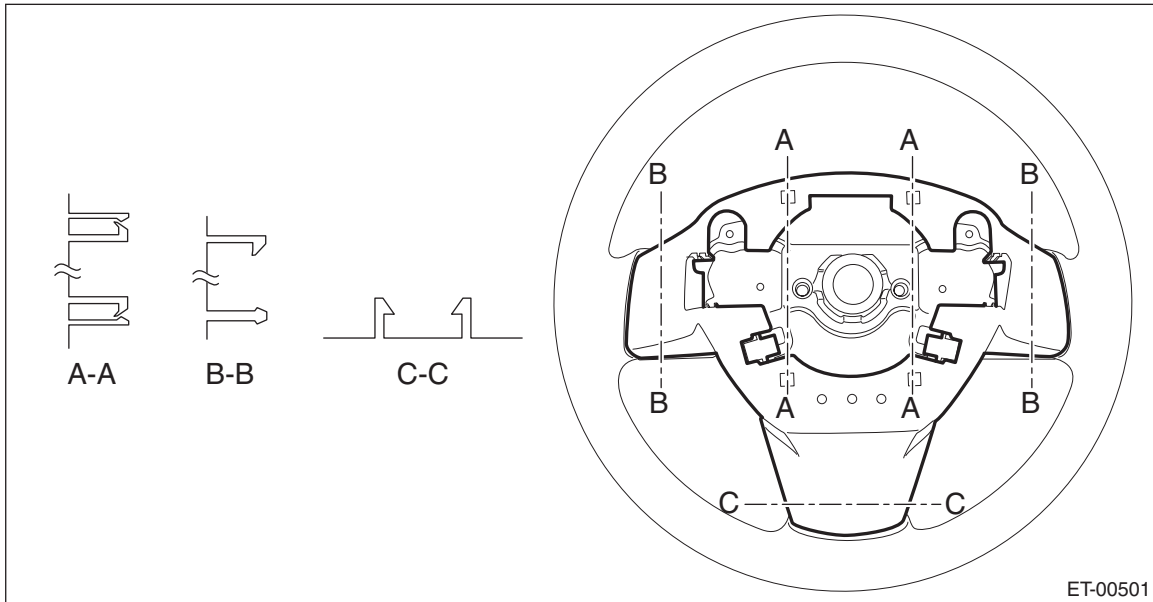


6) Remove the satellite switch.

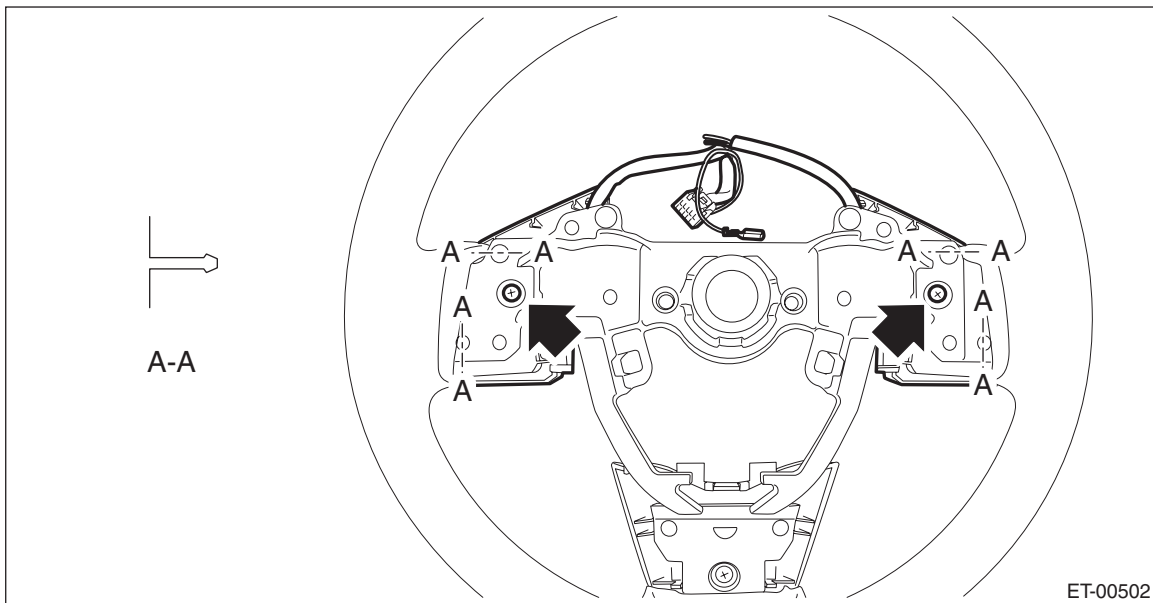
- (1) Remove the screw, disconnect the connector and remove the paddle shift switch. (Model with paddle shift)



- (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)**

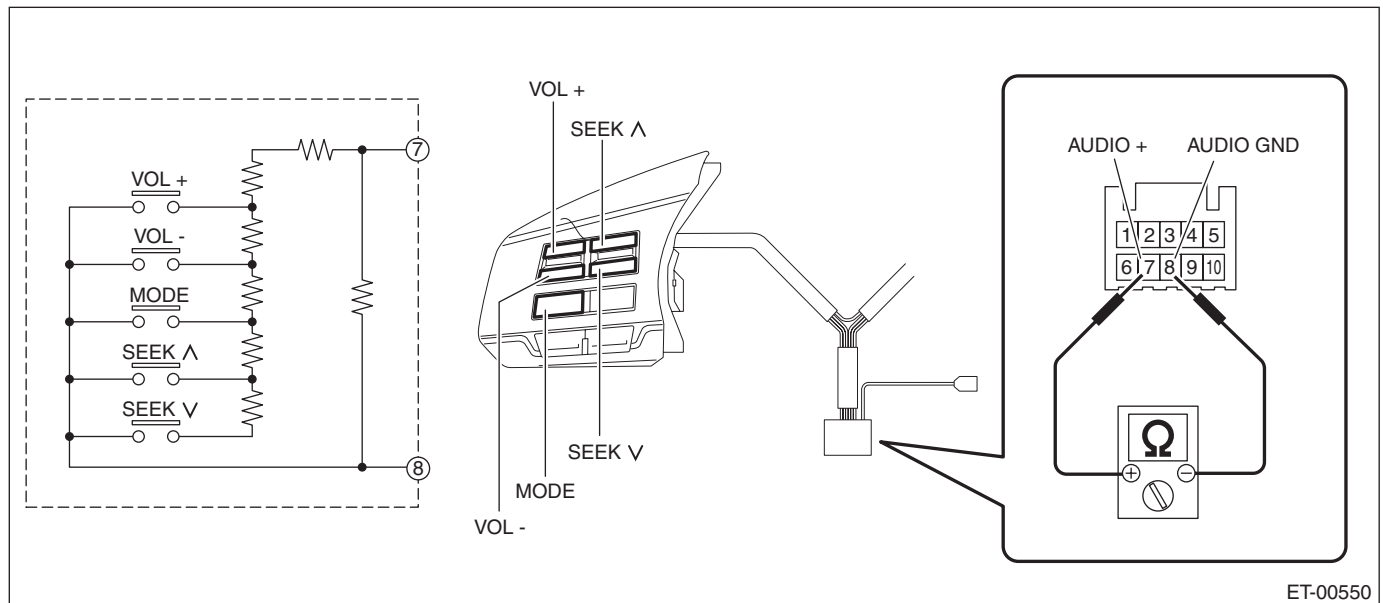
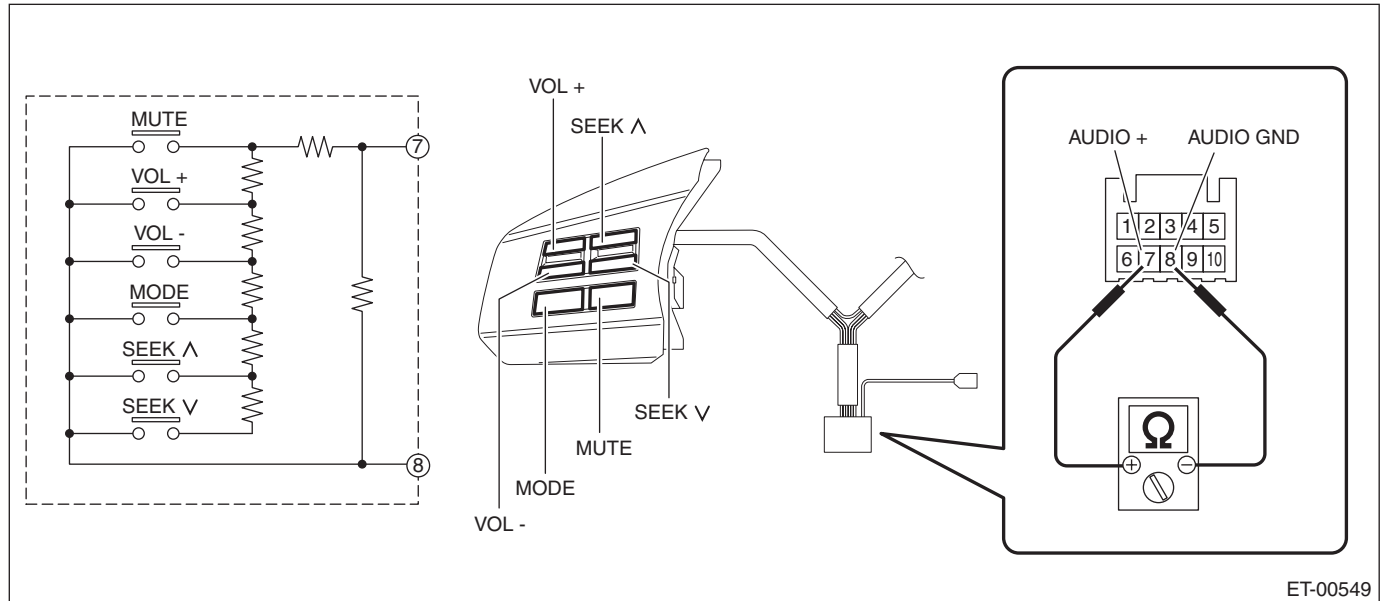
# Steering Satellite Switch

## ENTERTAINMENT

### C: INSPECTION

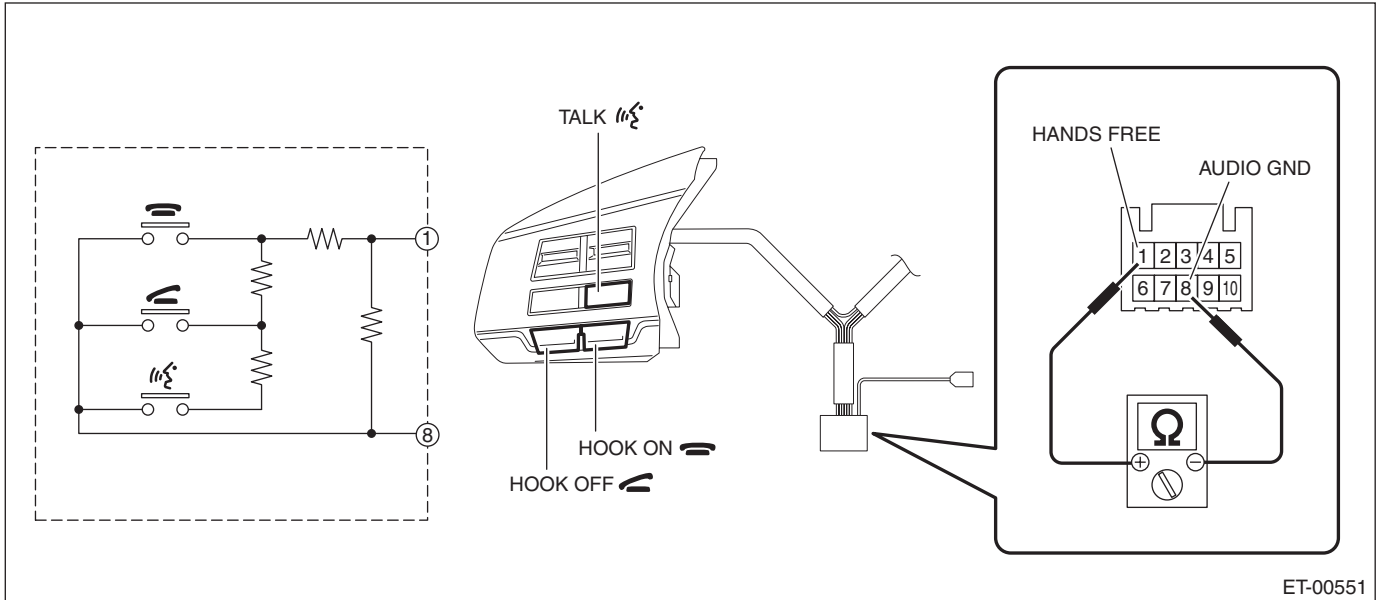
1) Measure the resistance between satellite switch connector terminals.

- Audio operation



Switch	Switch operation	Terminal No.	Standard
Mute Volume (+) Volume (-) Mode Seek (^) Seek (v)	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 (v)	ON	7 and 8	Approx. 1.5 kΩ

- 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.