

11. Steering Satellite Switch

A: REMOVAL

CAUTION:

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

- 1) Set the tire to the straight-ahead position.
- 2) Disconnect the ground cable from battery and wait for at least 60 seconds before starting work. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

For models other than STI model, disconnect the ground terminal from battery sensor.

- 3) Remove the driver's airbag module. <Ref. to AB-33, REMOVAL, Driver's Airbag Module.>

- 4) Remove the steering wheel. <Ref. to PS-16, REMOVAL, Steering Wheel.>

- 5) Remove the satellite switch assembly. <Ref. to PS-17, DISASSEMBLY, Steering Wheel.>

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.
- Make sure that the steering roll connector is not turned from the original position.
- 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-16, VDC SENSOR MIDPOINT SETTING MODE, 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) Install the satellite switch assembly.

- 2) Align the center position of the steering roll connector. <Ref. to AB-64, ADJUSTMENT, Roll Connector.>

- 3) Install the steering wheel.

Tightening torque:

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)

- 4) Install the driver's airbag module. <Ref. to AB-34, INSTALLATION, Driver's Airbag Module.>

- 5) Connect the battery ground terminal. <Ref. to NT-5, BATTERY, NOTE, Note.>

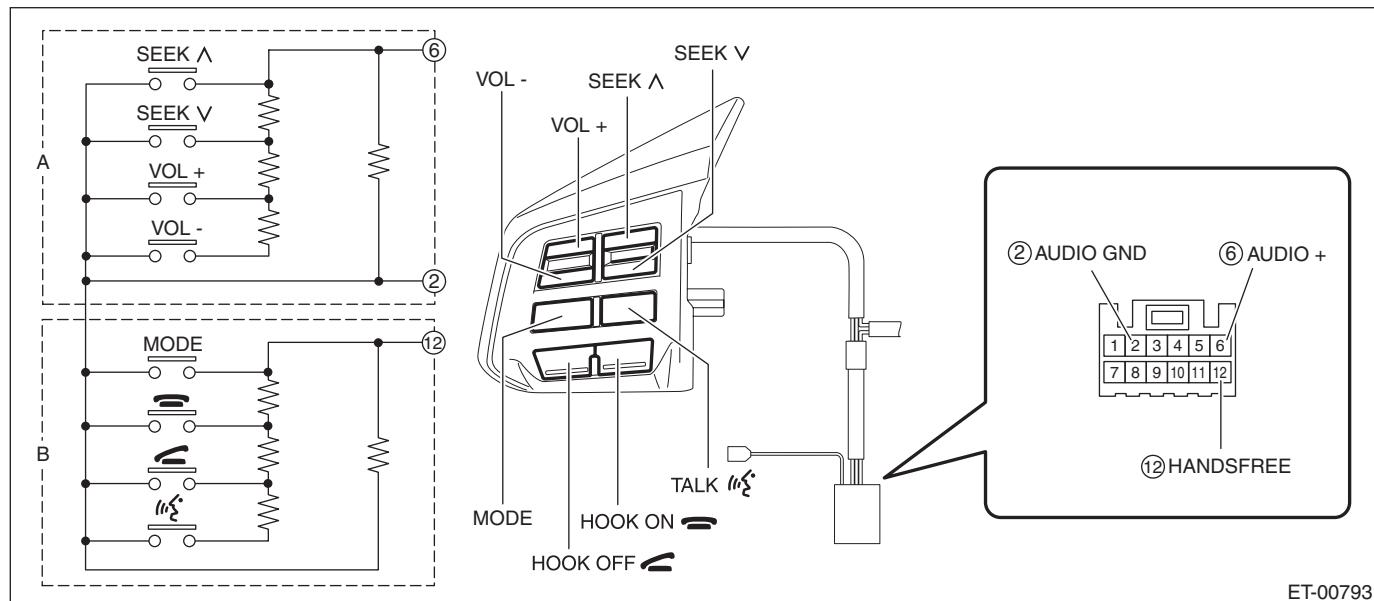
NOTE:

For models other than STI model, connect the ground terminal to battery sensor.

C: INSPECTION

1) Measure the resistance between connector terminals.

Preparation tool:
Circuit tester



| Terminal No. | Inspection conditions | | Standard |
|--------------|--|-----------------------|----------------|
| 6 — 2 | SEEK (↖) SEEK (↙) VOL (+) VOL (-) | A circuit is all OFF. | Approx. 100 kΩ |
| 6 — 2 | Preset CH UP/SEEK (↖) | ON | Less than 1 Ω |
| 6 — 2 | Preset CH DOWN/SEEK (↙) | ON | Approx. 330 Ω |
| 6 — 2 | VOL (+) | ON | Approx. 1000 Ω |
| 6 — 2 | VOL (-) | ON | Approx. 3110 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. 1000 Ω |
| 12 — 2 | TALK | ON | Approx. 3110 Ω |

2) If the result of the measurement is not at the standard, replace the satellite switch assembly.