

Cruise Control Command Switch

CRUISE CONTROL SYSTEM

5. Cruise Control Command 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 to OFF.
- 3) 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 the 12 volt engine restart battery of HEV model, disconnect the ground terminal from 12V engine restart battery sensor.

- 4) Remove the driver's airbag module. <Ref. to AB-32, REMOVAL, Driver's Airbag Module.>
- 5) Remove the steering wheel. <Ref. to PS-8, REMOVAL, Steering Wheel.>
- 6) Remove the cruise control command switch assembly. <Ref. to PS-10, DISASSEMBLY, Steering Wheel.>

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 has been removed, 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 the VDC setting mode. <Ref. to VDC-26, 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) Align the center position of the steering roll connector. <Ref. to AB-98, 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)

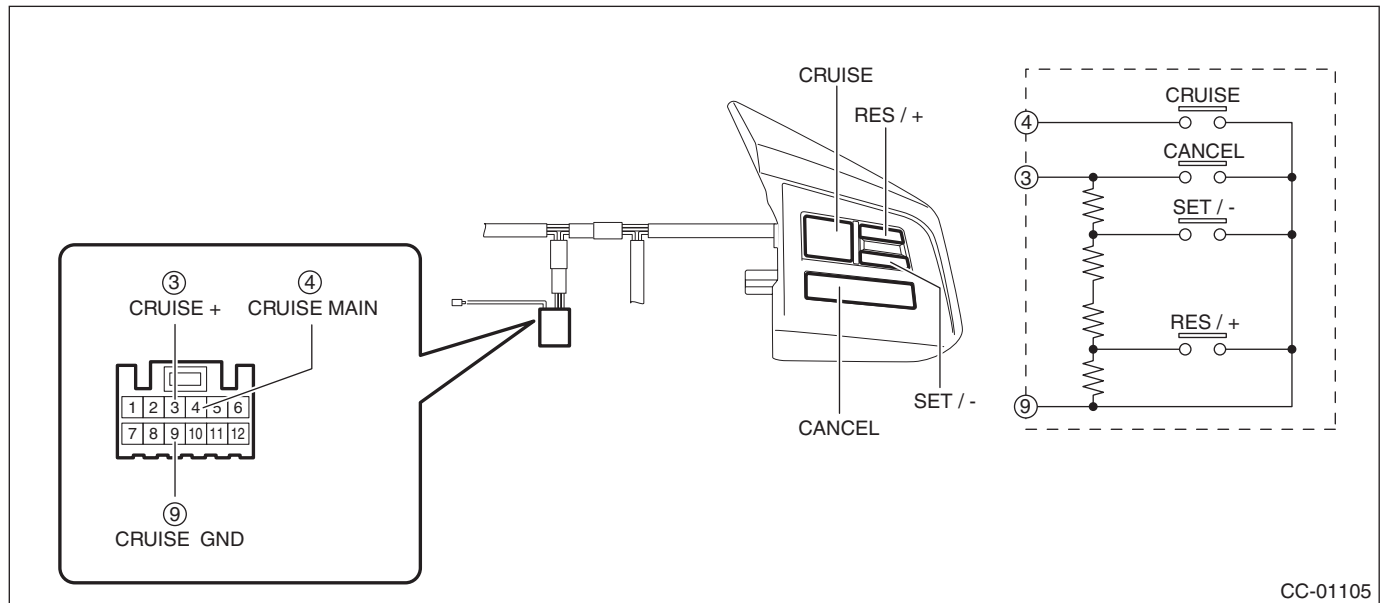
Clearance:

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

C: INSPECTION

1) Measure the resistance between connector terminals.

Preparation tool:
Circuit tester



Terminal No.	Inspection conditions		Standard
3 — 9	CANCEL SET/- RES/+	All OFF	Approx. 4020 Ω
	CANCEL	ON	Less than 1 Ω
	SET/-	ON	Approx. 250 Ω
	RES/+	ON	Approx. 1470 Ω
4 — 9	CRUISE (MAIN)	OFF	1 MΩ or more
		ON	Less than 1 Ω

2) Apply battery voltage between the connector terminals to check lighting condition of illumination inside the switch.

Terminal No.	Inspection conditions	Specification
10 (+) — 11 (-)	Apply battery voltage.	Light ON

3) Replace the cruise control command switch assembly if the inspection result is not within the standard.