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CRUISE CONTROL SYSTEM

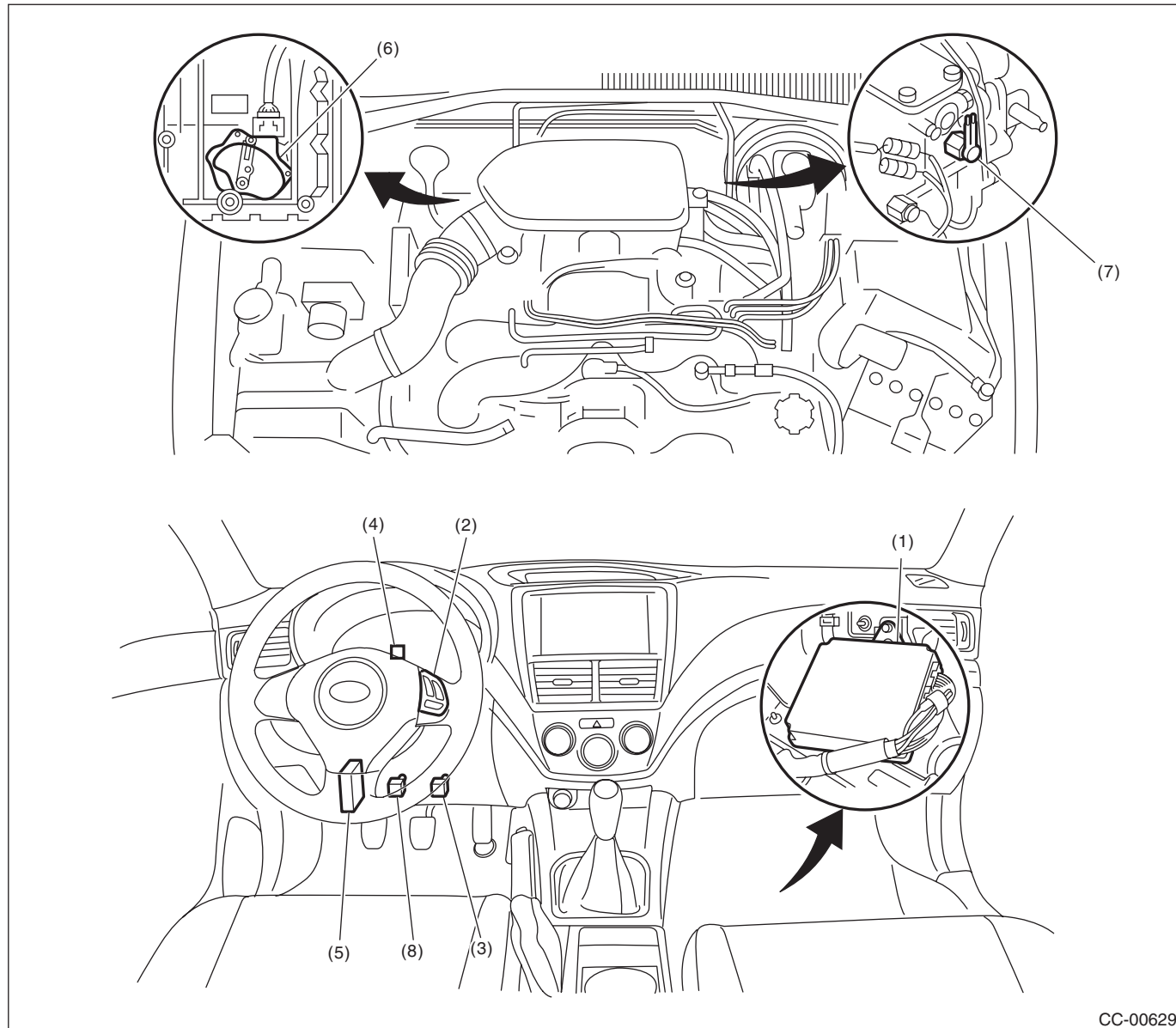
General Description

CRUISE CONTROL SYSTEM

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1. General Description

A: COMPONENT



CC-00629

- | | | |
|---|--|--|
| (1) Engine control module (ECM) | (5) Transmission control module (TCM) (AT model) | (7) Neutral position switch (MT model) |
| (2) Cruise control command switch | (6) Inhibitor switch (AT model) | (8) Clutch switch (MT model) |
| (3) Stop light & brake switch | | |
| (4) Cruise indicator light and cruise set indicator light | | |

B: CAUTION

- Before disassembling or reassembling parts, always disconnect the battery ground cable from battery. When repairing the audio, control module, etc. which are provided with memory functions, record the memory contents before disconnecting the ground cable from battery. Otherwise, the memory will be cleared.
- Reassemble the parts in the reverse order of disassembly unless otherwise indicated.
- Adjust the parts to specifications specified in this manual.
- Connect the connectors securely during reassembly.
- After reassembly, ensure functional parts operate properly.

C: PREPARATION TOOL

TOOL NAME	REMARKS
Circuit tester	Used for measuring resistance and voltage.
TORX® bit T30	Used for removing/installing driver's airbag module.

2. Cruise Control Unit

A: NOTE

The control of cruise control system is carried out in engine control module (ECM).

For removal/installation procedures of the control module, refer to Engine section.

B: REMOVAL

- 2.5 L turbo model <Ref. to FU(H4DOTC)-45, REMOVAL, Engine Control Module (ECM).>
- 2.5 L non-turbo model <Ref. to FU(H4SO)-39, REMOVAL, Engine Control Module (ECM).>

C: INSTALLATION

- 2.5 L Turbo model <Ref. to FU(H4DOTC)-45, INSTALLATION, Engine Control Module (ECM).>
- 2.5 L non-turbo model <Ref. to FU(H4SO)-39, INSTALLATION, Engine Control Module (ECM).>

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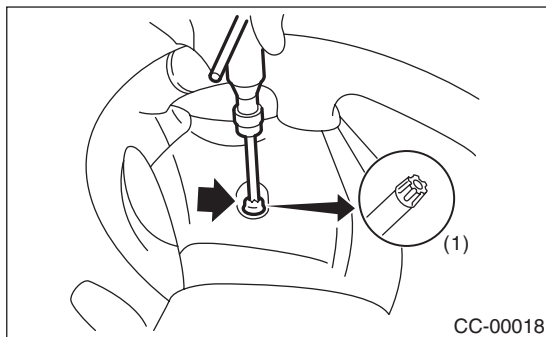
3. Cruise Control Command Switch

A: REMOVAL

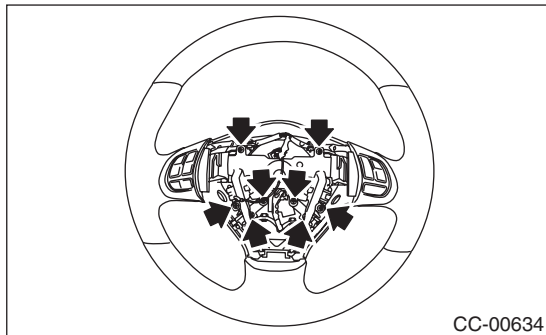
WARNING:

Before servicing, be sure to read the notes in the "AB" section for proper handling of the driver's airbag module. <Ref. to AB-5, CAUTION, General Description.>

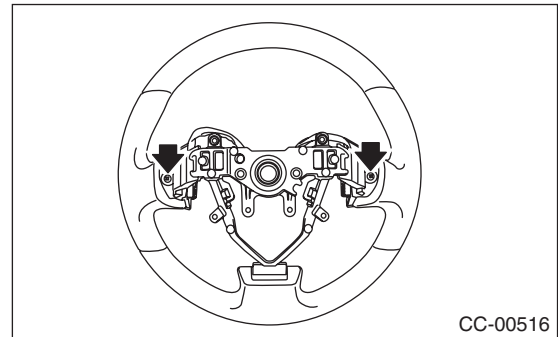
- 1) Set the front wheels in straight ahead position.
- 2) Turn the ignition switch to OFF.
- 3) Disconnect the ground cable from battery and wait for at least 20 seconds before starting work.
- 4) Using TORX® bit T30 (1), loosen two TORX® bolts which secure the driver's airbag module.



- 5) Disconnect the airbag module connector on back of the airbag module. <Ref. to AB-9, PROCEDURE, Airbag Connector.>
- 6) Remove the steering wheel. <Ref. to PS-13, REMOVAL, Steering Wheel.>
- 7) Remove the screws to remove the lower cover from steering wheel.



- 8) Remove the screw on the backside of the steering wheel to remove the cruise control command switch.

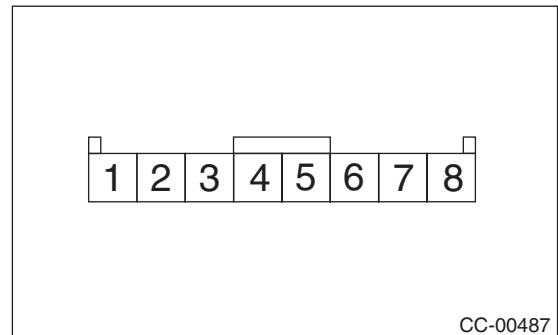


B: INSTALLATION

Install in the reverse order of removal.

C: INSPECTION

Measure the cruise control command switch resistance.



Switch	Position	Terminal No.	Standard
CANCEL SET/COAST RESUME/ ACCEL	All OFF	7 and 6	Approx. 4 kΩ
CANCEL	ON	7 and 6	Less than 1 Ω
SET/COAST	ON	7 and 6	Approx. 250 Ω
RESUME/ ACCEL	ON	7 and 6	Approx. 1500 Ω
MAIN (CRUISE)	OFF	8 and 6	1 MΩ or more
	ON	8 and 6	Less than 1 Ω

If NG, replace the cruise control command switch.

4. Combination Meter

A: NOTE

For the combination meter, refer to the "IDI" section. <Ref. to IDI-14, Combination Meter.>

5. Stop Light & Brake Switch

A: NOTE

For the stop light & brake switch, refer to “BR” section. <Ref. to BR-47, INSPECTION, Stop Light Switch.>

6. Transmission Control Module (TCM)

A: NOTE

For the transmission control module (TCM), refer to the following section. <Ref. to 4AT-64, Transmission Control Module (TCM).>

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7. Inhibitor Switch

A: NOTE

For the inhibitor switch, refer to “4AT” section.
<Ref. to 4AT-47, INSPECTION, Inhibitor Switch.>

Inhibitor Switch

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