

Main Switch Circuit (Cruise Control Switch)

CIRCUIT DESCRIPTION

When the cruise control main switch is turned off, the cruise control does not operate.

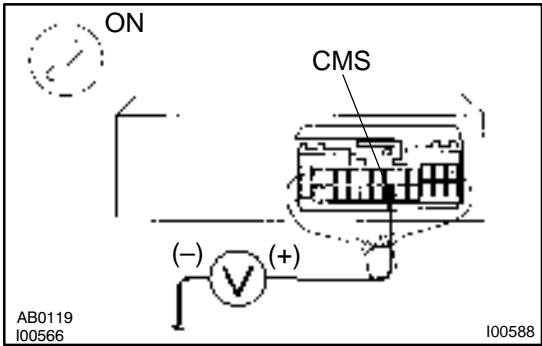
WIRING DIAGRAM

See page [DI-319](#).

INSPECTION PROCEDURE

1

Check voltage between terminal CMS and GND of cruise control ECU connector.



PREPARATION:

Remove cruise control ECU with connectors still connected.

CHECK:

- Turn ignition switch ON.
- Measure voltage between terminal CMS and GND of cruise control ECU connector when main switch is hold on and off.

OK:

| Main switch | Voltage |
|-------------|-----------|
| OFF | 10 – 14 V |
| ON | Below 1 V |

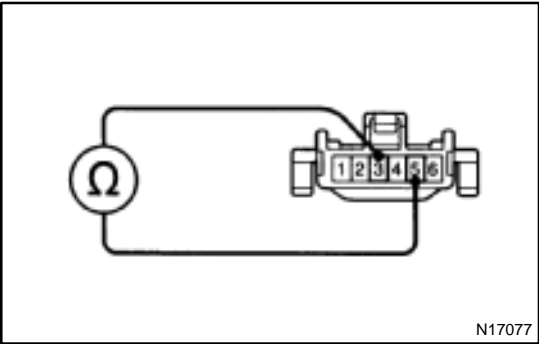
OK

Proceed to next circuit inspection shown on matrix chart (See page [DI-308](#)).

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2

Check main switch.



PREPARATION:

- (a) Remove steering wheel center pad (See SR section).
- (b) Disconnect cruise control switch connector.

CHECK:

Check continuity between terminals 3 and 5 of cruise control switch connector when main switch is held on and off.

OK:

| Switch position | Tester connection | Specified condition |
|-----------------|-------------------|---------------------|
| OFF | – | No continuity |
| Hold ON | 3 – 5 | Continuity |

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Replace control switch.

OK

3

Check harness and connector between cruise control ECU and main switch, main switch and body ground (See page IN-27).

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Repair or replace harness or connector.

OK

Check and replace cruise control ECU (See page IN-27).