

Main Switch Circuit (Cruise Control Switch)

CIRCUIT DESCRIPTION

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

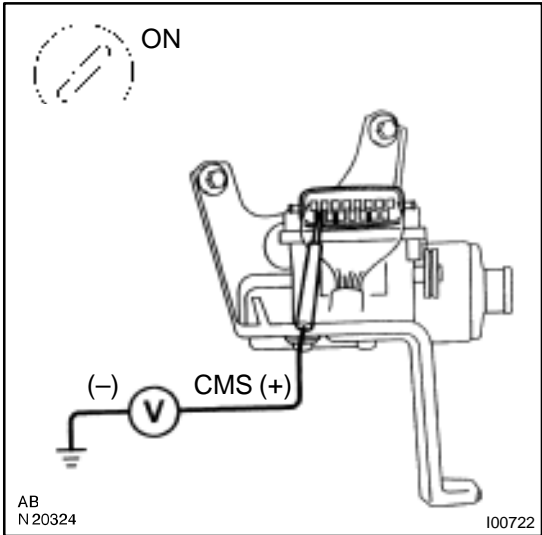
WIRING DIAGRAM

See page [DI-629](#).

INSPECTION PROCEDURE

1

Check voltage between terminal CMS of cruise control actuator and ECU connector and body ground.



PREPARATION:

Remove the cruise control ECU with connector still connected.

CHECK:

- (a) Turn ignition switch ON.
- (b) Measure voltage between terminal CMS of cruise control ECU connector when main switch is held on and off.

OK:

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

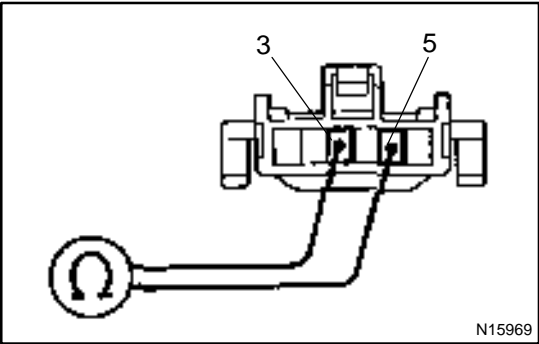
OK

Proceed to next circuit inspection shown on problem symptoms table (See page [DI-621](#)).

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2

Check main switch continuity.



PREPARATION:

- (a) Remove the steering wheel center pad. (See page [SR-13](#))
- (b) Disconnect the 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	3 – 5	No continuity
Hold ON	3 – 5	Continuity

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Replace control switch.

OK

3

Check harness and connector between cruise control actuator and ECU and main switch (See page [IN-28](#)).

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Repair or replace harness or connector.

OK

Check and replace cruise control actuator and ECU (See page [IN-28](#)).