

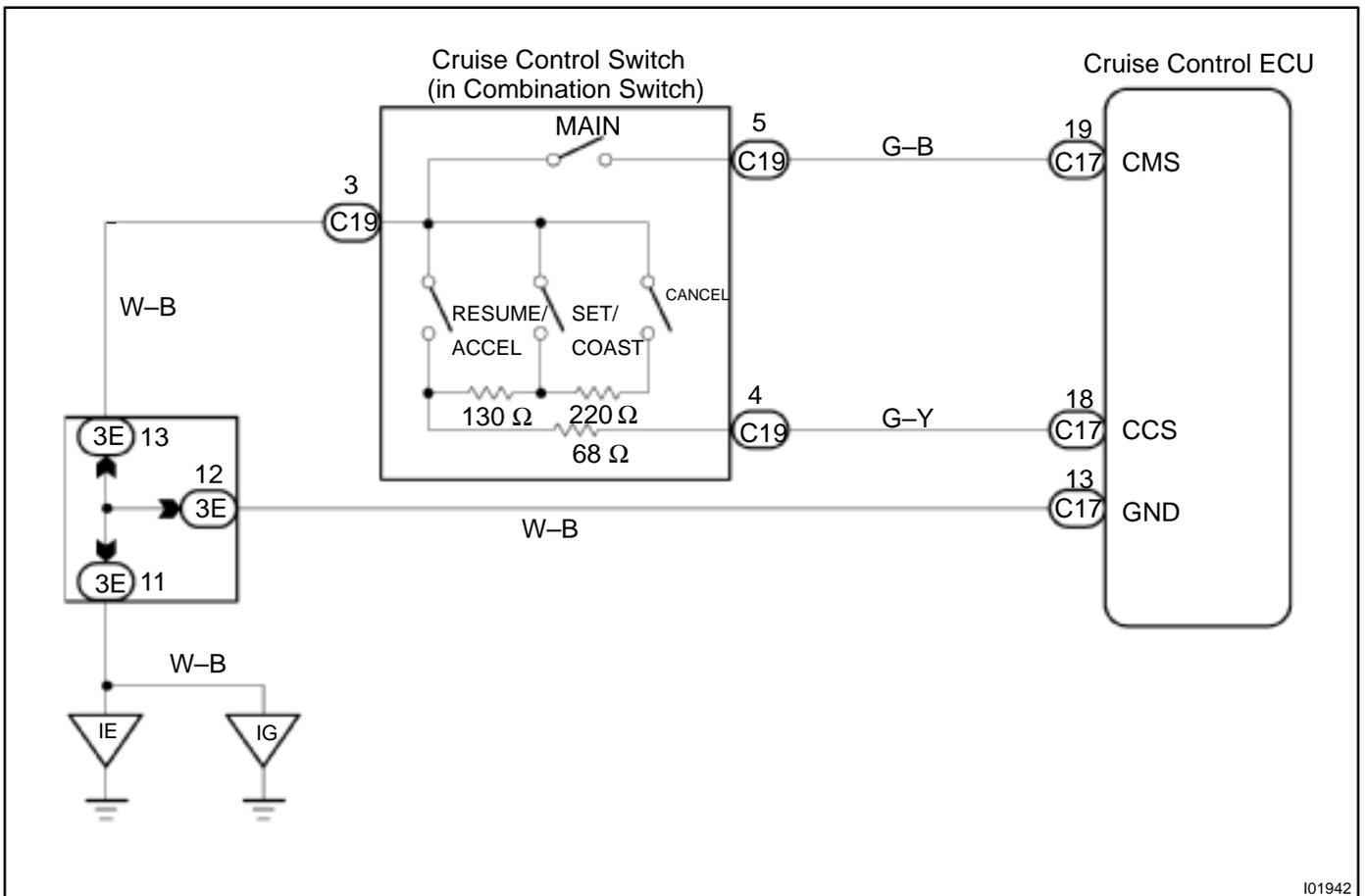
DTC	32	Control Switch Circuit (Cruise Control Switch)
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CIRCUIT DESCRIPTION

This circuit carries the SET/COAST, RESUME/ACCEL and CANCEL signals (each voltage) to the ECU.

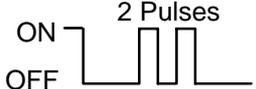
DTC No.	Detection Item	Trouble Area
32	Short in control switch circuit	<ul style="list-style-type: none"> • Harness or connector between control switch and cruise control ECU. • Cruise control switch • Cruise control ECU

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Input signal check.

Input Signal	Indicator Light Blinking Pattern
SET/COAST switch	ON  2 Pulses OFF
RESUME/ACCEL switch	ON  3 Pulses OFF
CANCEL switch	ON  SW OFF OFF SW ON

PREPARATION:

See input signal check on page [DI-559](#).

CHECK:

Check the indicator light operation when each of the SET/COAST, RESUME/ACCEL and CANCEL is turned on.

OK:

SET/COAST, RESUME/ACCEL switch

The signals shown in the table on the left should be output when each switch is ON. The signal should disappear when the switch is turned OFF.

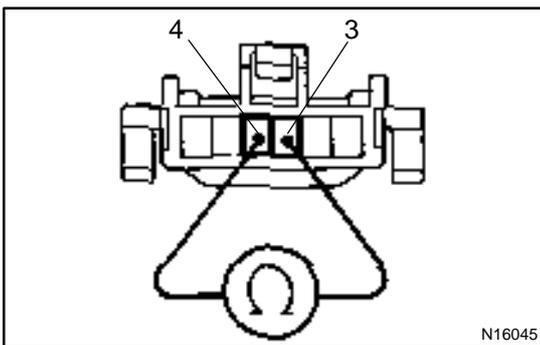
CANCEL switch

The indicator light goes off when the cancel switch is turned ON.

OK Wait and see.

NG

2 Check control switch.



PREPARATION:

- (a) Remove steering wheel center pad.
- (b) Disconnect control switch connector.

CHECK:

Measure resistance between terminals 3 and 4 of control switch connector when control switch is operated.

Switch position	Resistance (Ω)
Neutral	∞ (No continuity)
RES/ACC	50 – 80
SET/COAST	180 – 220
CANCEL	400 – 440

OK Replace control switch.

NG

3	Check harness and connector between cruise control switch and cruise control ECU (See page IN-28).
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NG	Repair or replace harness or connector.
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OK

4	Input signal check (See step 1).
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OK	Wait and see.
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Check and replace cruise control ECU (See page IN-28).
