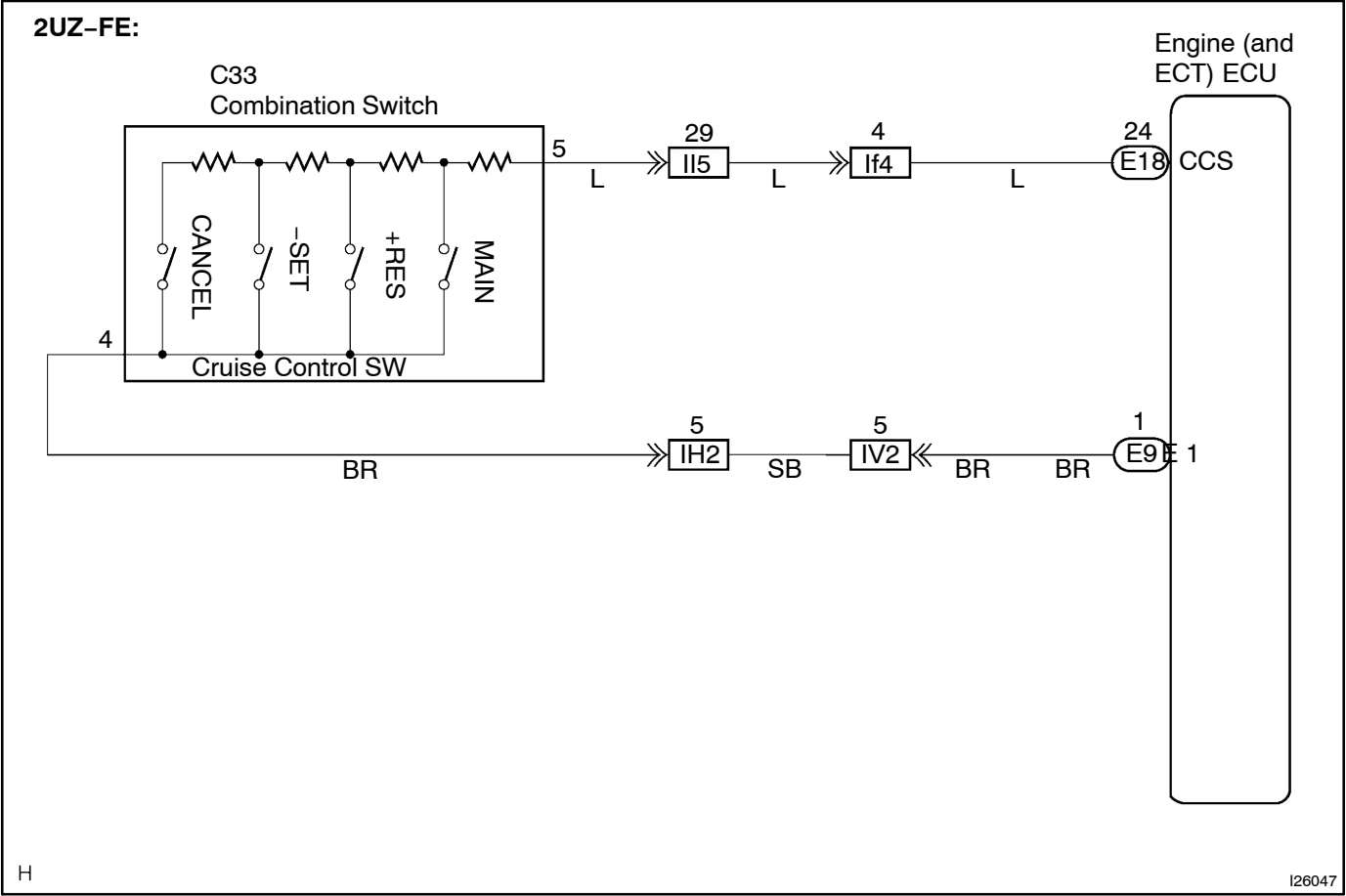


Main Switch Circuit (Cruise Control Switch)

CIRCUIT DESCRIPTION

This circuit carries the -/SET, +/RESUME and Cancel signals (each voltage) to the ECM.

WIRING DIAGRAM



(Except Argentina, Russian, New Zealand, South Africa):



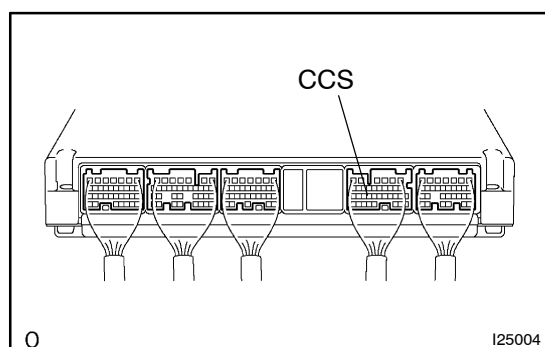
126324

(Argentina, Russian, New Zealand, South Africa):



INSPECTION PROCEDURE

1 Check voltage between terminal CCS of ECM connector and body ground.

**PREPARATION:**

- Remove the ECM with connector still connected.
- Turn ignition switch ON.

CHECK:

Measure voltage between terminal CCS of ECM connector and body ground, when each of the -/SET, +RES and CANCEL is turned ON.

OK:

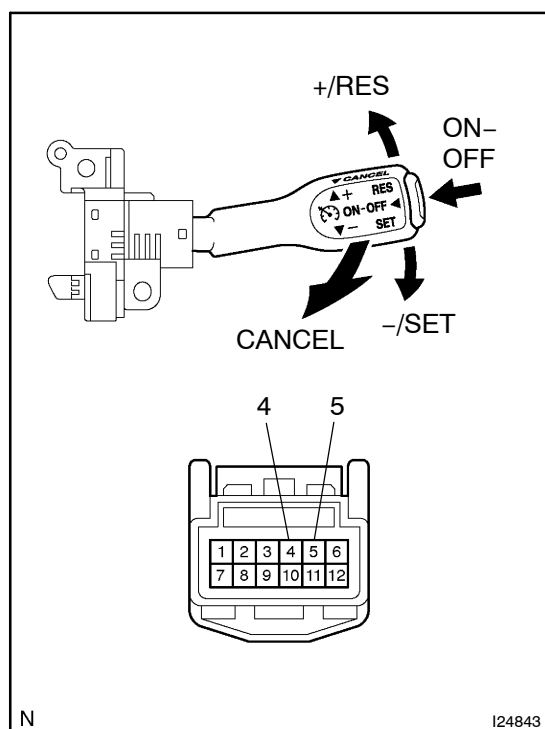
Switch Position	Voltage
Neutral	9 – 14 V
+ / RES	2.1 – 4 V
- / SET	4 – 7.1 V
CANCEL	6 – 10.1 V

OK

Proceed to next circuit inspection shown on problem symptom table (See page DI-865).

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2 Check main switch continuity.

**PREPARATION:**

- Remove steering wheel center pad.
- Disconnect the control switch connector.

CHECK:

- Measure resistance between terminals 4 and 5 of cruise control switch connector when control switch is operated.

Switch position	Resistance (Ω)
Neutral	∞ (No continuity)
+ / RES	210 – 270
- / SET	560 – 700
CANCEL	1380 – 1700

- Check continuity between terminals 4 and 5 of control switch connector when main switch is held on and off.

OK:

Switch position	Tester connection	Specified condition
OFF	4 – 5	No continuity
ON	4 – 5	Continuity

NG

Replace control switch.

OK

- | | |
|---|--|
| 3 | Check harness and connector between ECM and cruise control switch, cruise control switch and body ground (See page IN-27). |
|---|--|

NG

Repair or replace harness or connector.

OK

- | | |
|---|---|
| 4 | Check cruise control indicator light (See combination meter.) |
|---|---|

NG

Replace combination meter.

OK

Check and replace ECM ([See page IN-38](#)).