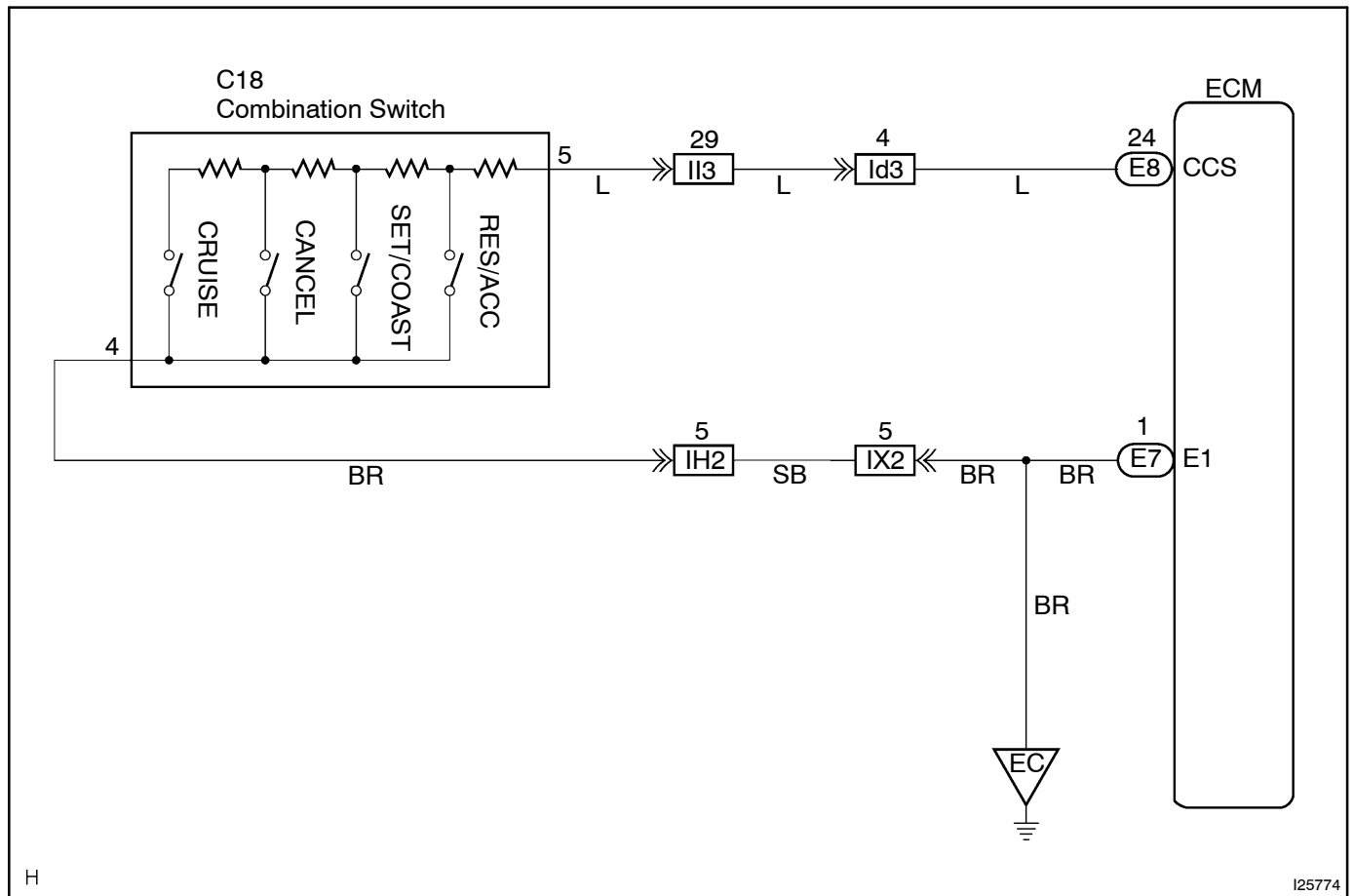


Main Switch Circuit (Cruise Control Switch)

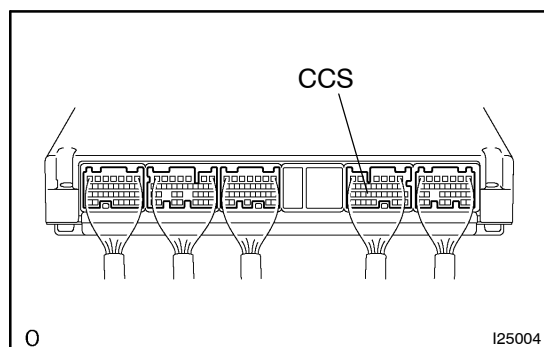
CIRCUIT DESCRIPTION

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

WIRING DIAGRAM



INSPECTION PROCEDURE

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

- (a) Remove the ECM with connector still connected.
- (b) Turn ignition switch ON.

CHECK:

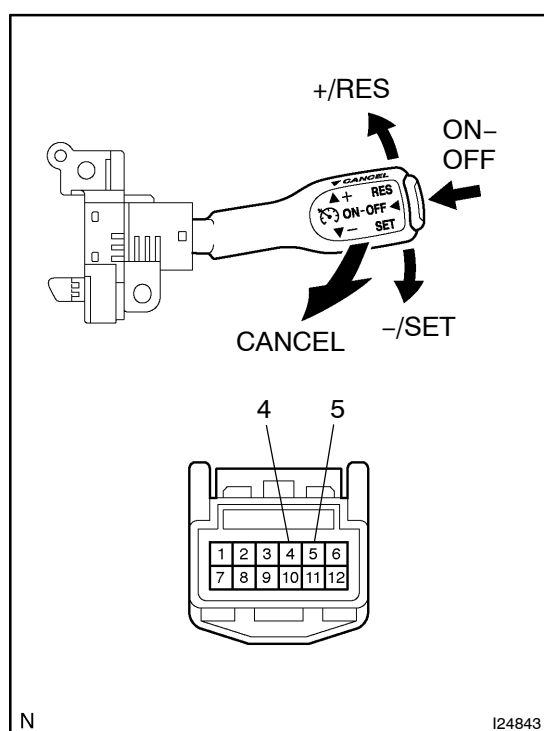
Measure voltage between terminal CCS of ECM connector and body ground, when each of the -/SET, +RES and CANCEL is turned ON.

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-991).

NG
2 Check main switch continuity.
**PREPARATION:**

- (a) Remove steering wheel center pad (See page SR-9).
- (b) Disconnect the control switch connector.

CHECK:

- (a) 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

- (b) 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-26](#)).****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-36](#)).**