DI3CK–04

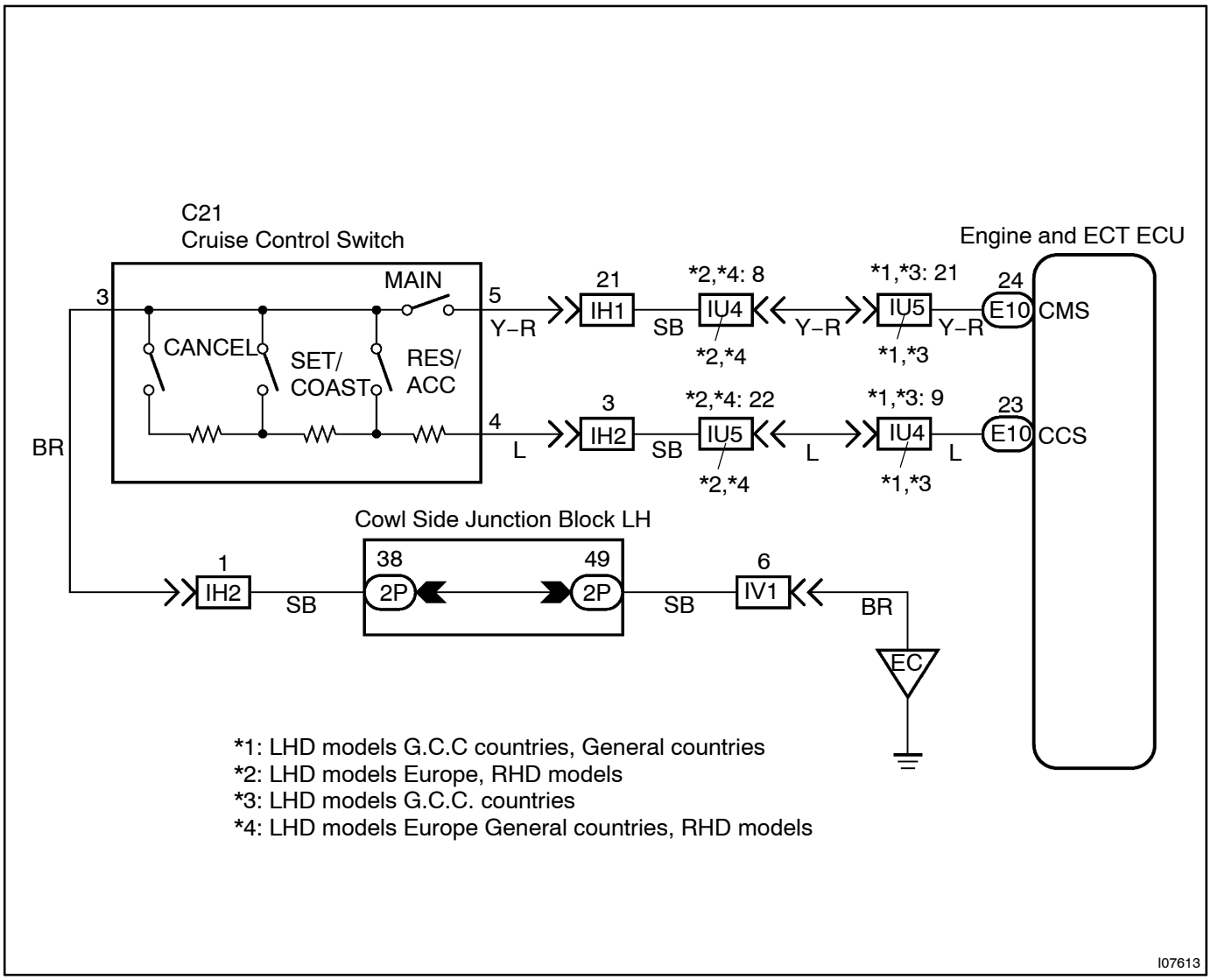
DTC	P1565/32	Control Switch Circuit (Cruise Control Switch)

CIRCUIT DESCRIPTION

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

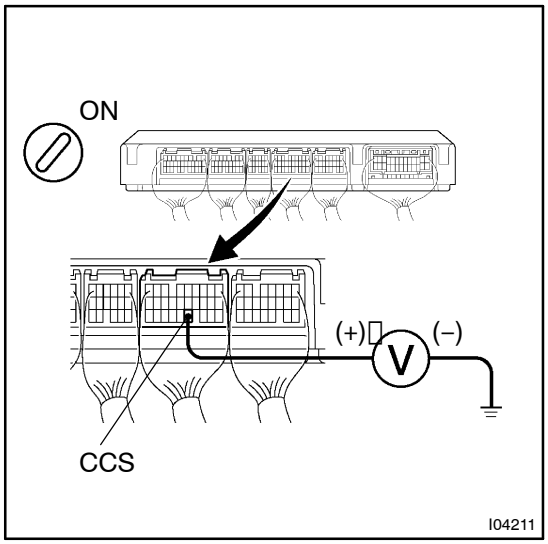
DTC No.	Detection Item	Trouble Area
P1565/32	Short in control switch circuit.	• Cruise control switch • Harness or connector between Engine and ECT ECU and cruise control switch, cruise control switch and body ground • Engine and ECT ECU

WIRING DIAGRAM



INSPECTION PROCEDURE

1	**Check voltage between terminals CCS of Engine and ECT ECU connector and body ground.**



PREPARATION:

(a) Remove the Engine and ECT ECU with connector still connected.

(b) Turn ignition switch ON.

CHECK:

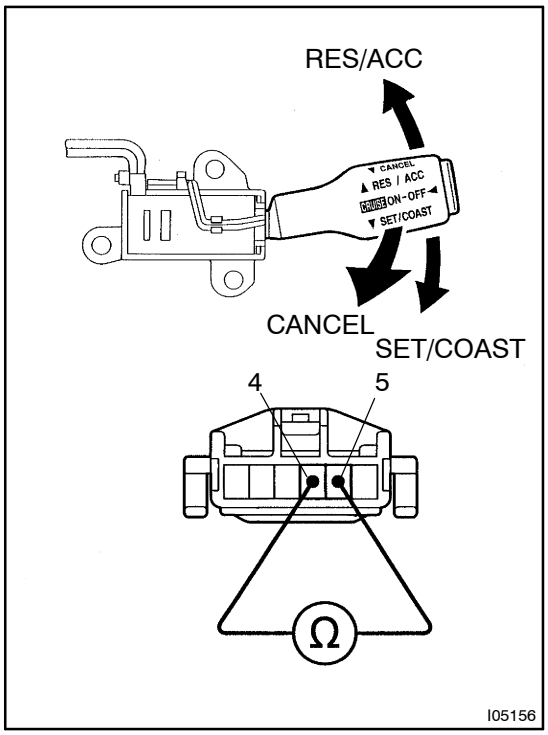
Measure voltage between terminals CCS of Engine and ECT ECU connector and body ground, when each of the SET/COAST, RESUME/ACCEL and CANCEL is turned ON.

Switch position	Resistance (V)
Neutral	10 – 16
RES/ACC	0.6 – 2.3
SET/COAST	1.9 – 4.7
CANCEL	3.4 – 7.2

NG → **Proceed to next circuit inspection shown in problem symptoms table (See page DI–730)**

OK

2	**Check control switch continuity.**



PREPARATION:

(a) Remove steering wheel center pad.

(b) Disconnect the control switch connector.

CHECK:

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

Switch position	Resistance (Ω)
Neutral	∞ (No continuity)
RES/ACC	60 – 70
SET/COAST	180 – 220
CANCEL	380 – 460

NG → **Replace control switch.**

OK

3	Check harness and connector between Engine and ECT ECU and cruise control switch, cruise control switch and body ground (See page IN–35).

NG → Repair or replace harness or connector.

OK

4	Check cruise control indicator light. (See page BE–2)

NG → Replace combination meter.

OK

Check and replace Engine and ECT ECU (See page IN–35).