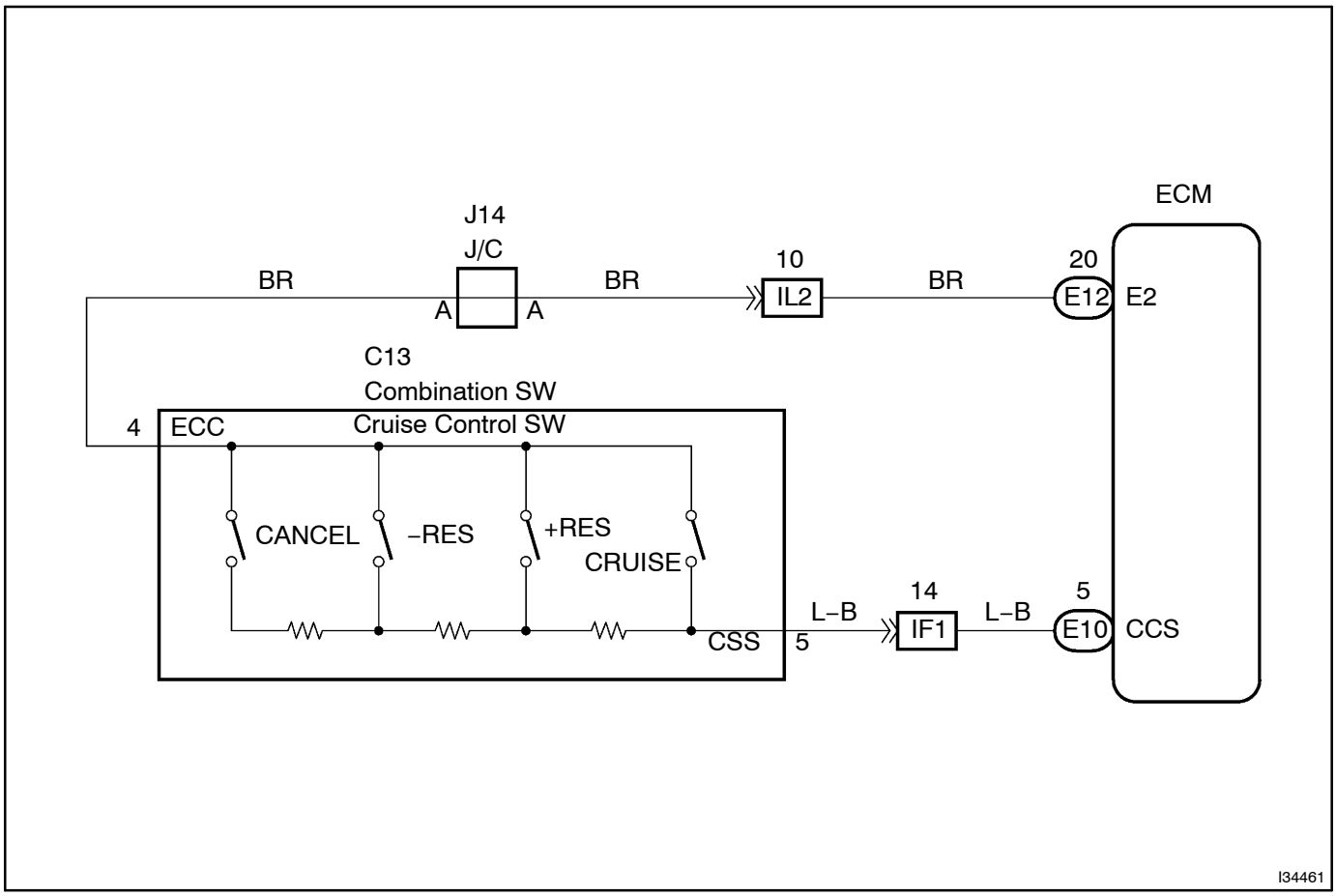
CRUISE CONTROL SWITCH CIRCUIT

CIRCUIT DESCRIPTION

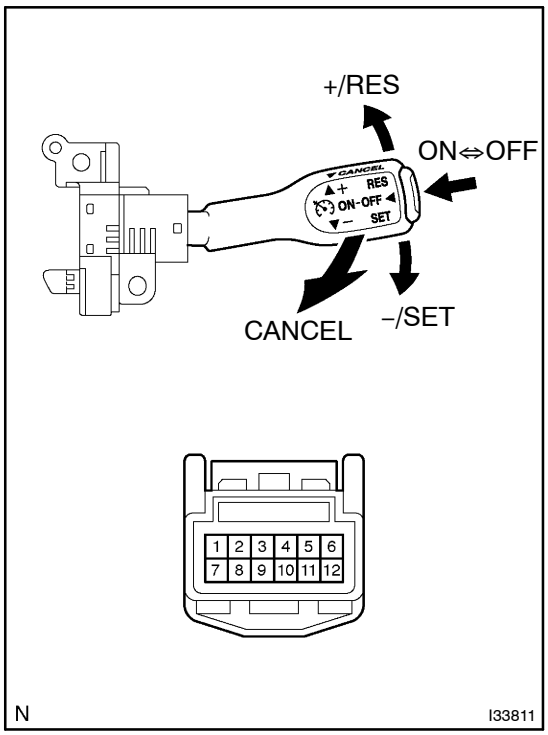
This circuit carries the –/SET, +/RES and CANCEL signals (each voltage) to the ECM.
HINT:
This circuit inspection is for vehicles with a 1KD–FTV engine.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	INSPECT CRUISE CONTROL MAIN SWITCH



(a) Disconnect the cruise control main switch connector.

(b) Measure resistance between terminal 4 and 5 of the cruise control switch connector when cruise control main switch is operated.

Standard:

Switch condition	Resistance (Ω)
Neutral	∞ (No continuity)
+/RES	210 – 270
–/SET	560 – 700
CANCEL	1,380 – 1,700

(c) Check continuity between terminal 4 and 5 of the cruise control main switch connector when main switch button is held on and off.

Standard:

Switch condition	Specification
OFF	No continuity
ON	Continuity

NG → **REPLACE CRUISE CONTROL MAIN SWITCH**

OK

2	CHECK HARNESS AND CONNECTOR(CRUISE CONTROL MAIN SWITCH, BODY GROUND – ECM)

(a) Check for open and short circuit in harness and connector between cruise control main switch and ECM (See page 01–36).

(b) Check for open and short circuit in harness and connector between cruise control main switch and body ground (See page 01–36).

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05–1861)