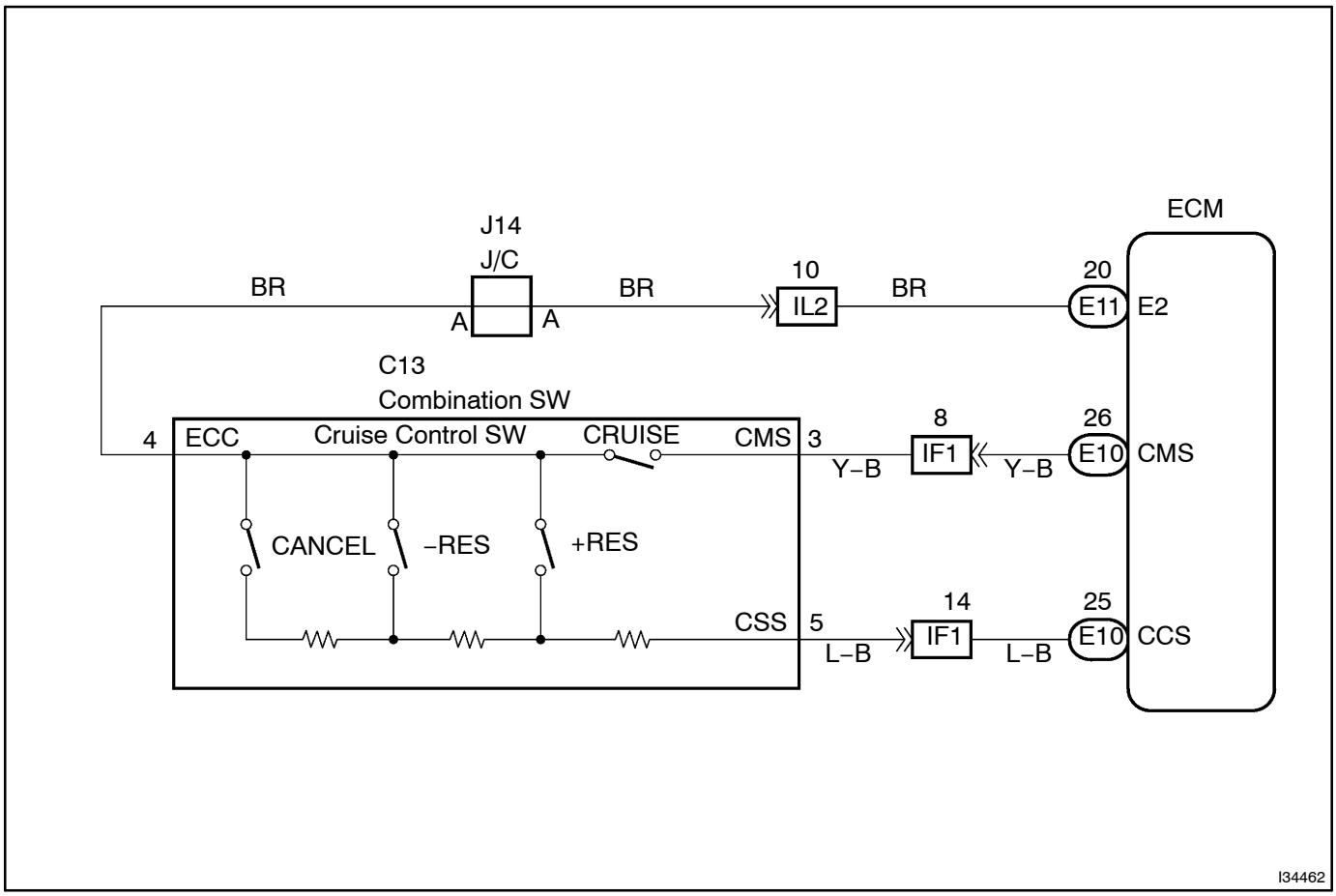
DTC	32	CRUISE CONTROL MAIN SWITCH CIRCUIT MALFUNCTION

CIRCUIT DESCRIPTION

This circuit carries the –/SET, +/RES and CANCEL signals (each voltage) to the ECM.
HINT:
DTC 32 is output only for vehicle with a 1KZ–TE engine.

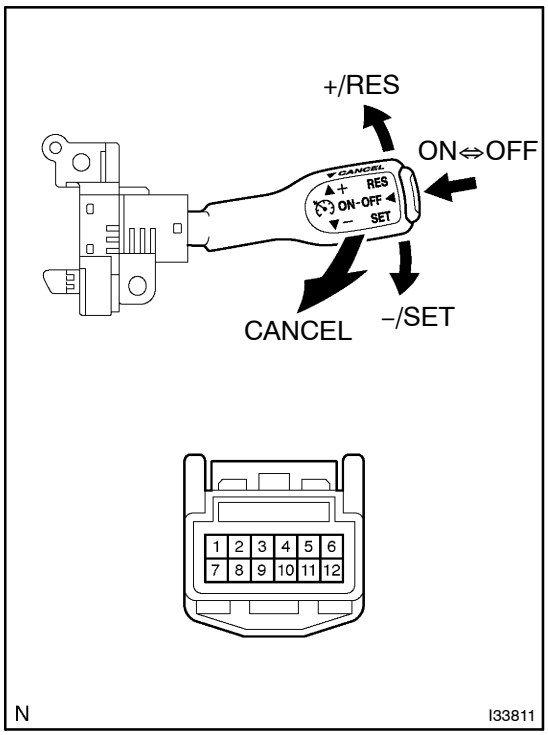
DTC No.	DTC Detection Condition	Trouble Area
32	Cruise control main switch circuit malfunction	• Cruise control switch • Cruise control switch circuit • ECM

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	60 – 70
–/SET	180 – 220
CANCEL	380 – 460

(c) Check continuity between terminal 3 and 4 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

CHECK AND REPLACE ECM (See page 01–36)