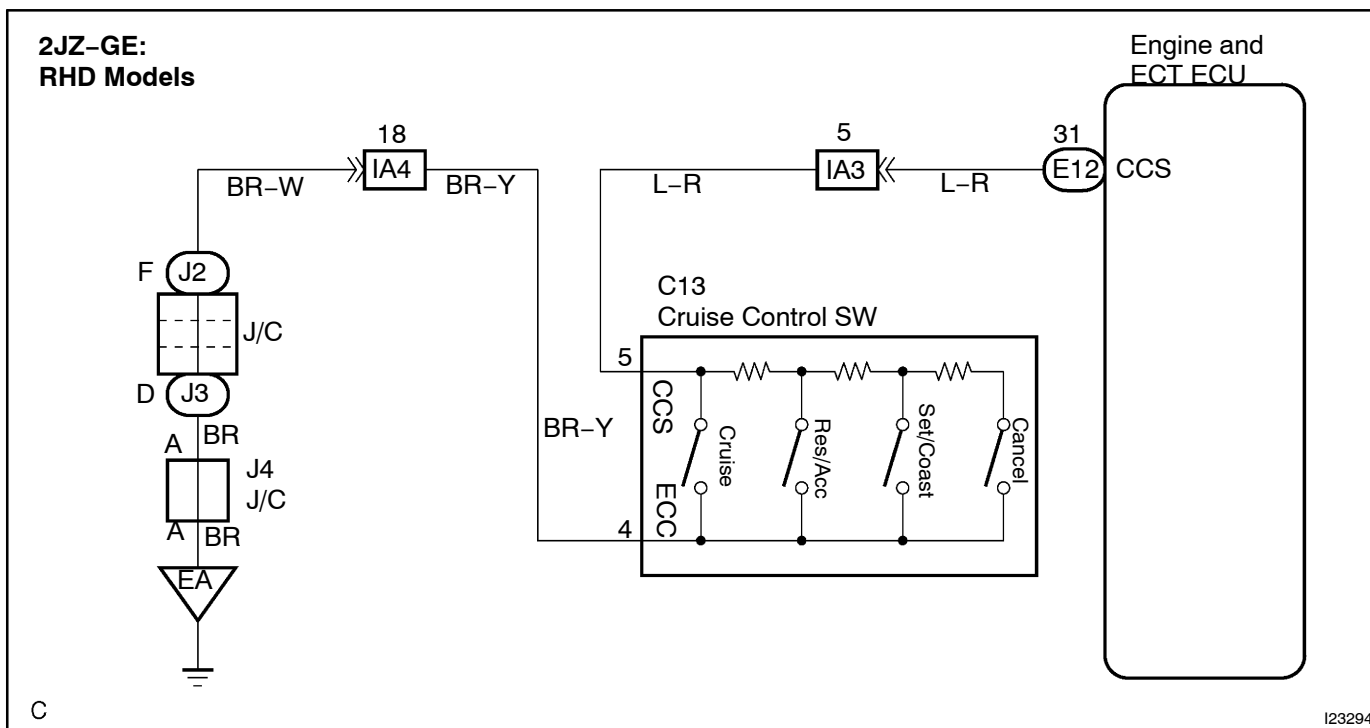
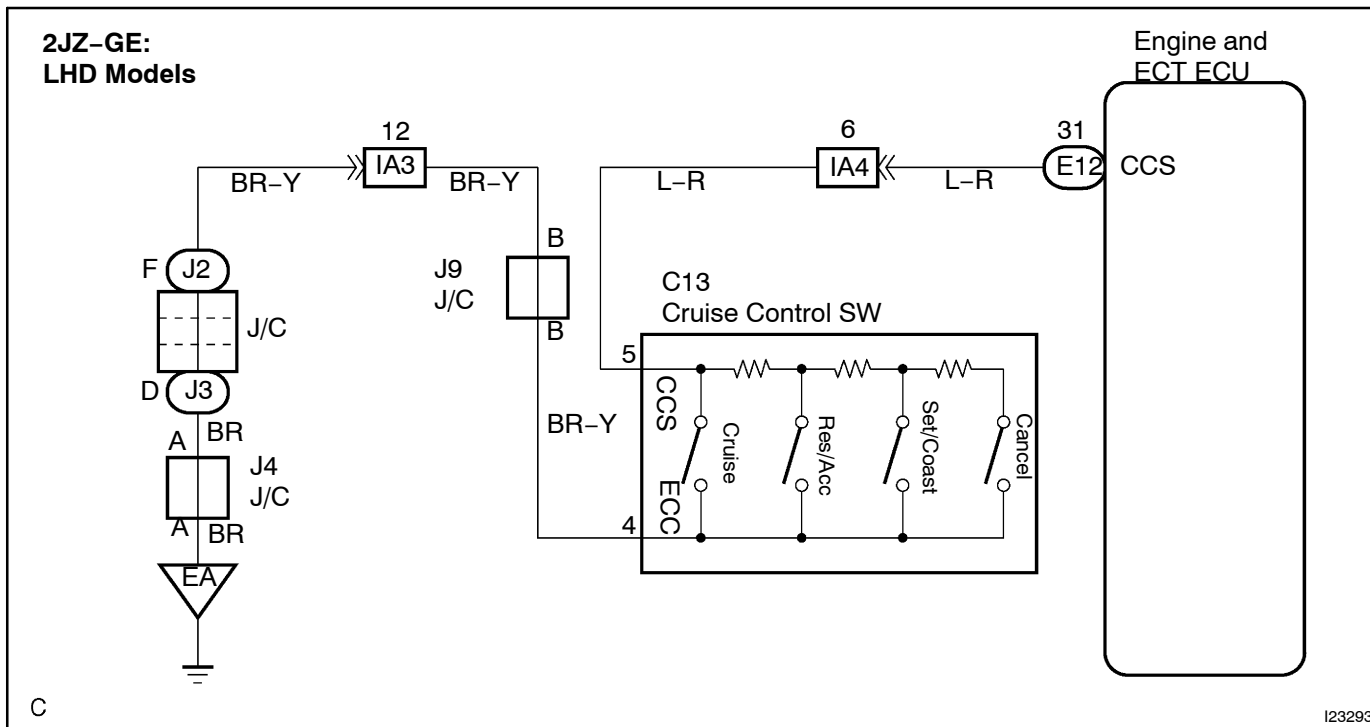


Cruise Control Switch Circuit

CIRCUIT DESCRIPTION

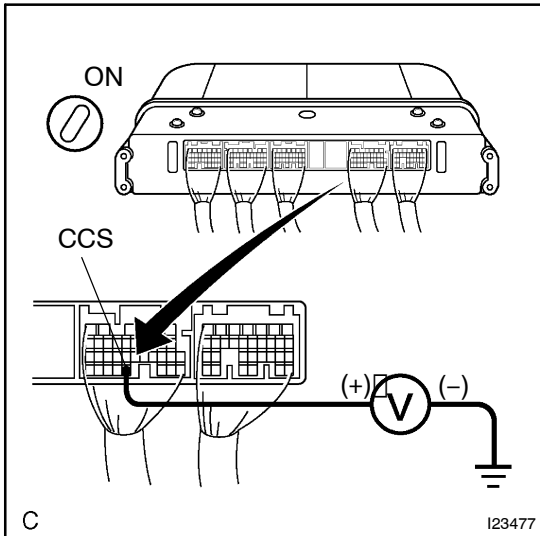
This circuit carries the SET/COAST, RESUME/ACCEL and CANCEL signal (each voltage) to the ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

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

**PREPARATION:**

- (a) Remove the Engine & ECT ECU with connector still connected.
 (b) Turn ignition switch ON.

CHECK:

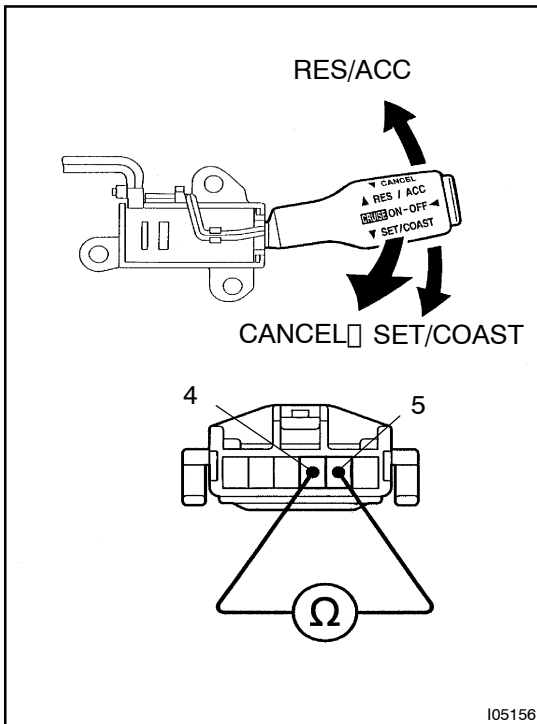
Measure voltage between terminals CCS of Engine & ECT ECU connector and body ground, when each of the SET/COAST, RESUME/ACCEL and CANCEL is turned ON.

Switch position	Resistance (V)
Neutral	10 - 16V
RES/ACC	2.4 - 3.8V
SET/COAST	4.7 - 6.9V
CANCEL	6.9 - 9.8V

NG

Proceed to next circuit inspection shown in problem symptoms table (See page DI-522).

OK

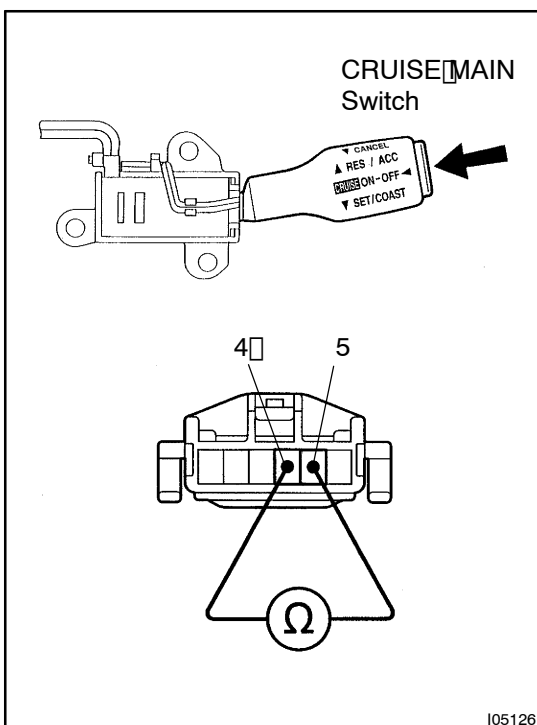
2 Check control switch continuity.**PREPARATION:**

- (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	220 - 260
SET/COAST	600 - 660
CANCEL	1,500 - 1,600

NG**Replace control switch.****OK****3 Check main switch continuity.****PREPARATION:**

- (a) Remove steering wheel center pad. (See Pub No. RM684E on page SR-12)
 (b) Disconnect the control switch connector.

CHECK:

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	-	No continuity
Hold ON	4 - 5	Continuity

NG**Replace control switch.**

OK

4 Check harness and connector between Engine & ECT ECU and cruise control switch, cruise control switch and body ground (See page IN-34).

NG

Repair or replace harness or connector.

OK

5 Check cruise control indicator light (See combination meter).

NG

Replace combination meter.

OK

Check and replace Engine and ECT ECU (See page IN-34).