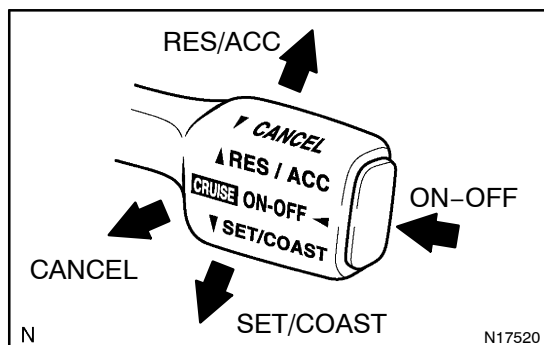


[illegible]

INSPECTION PROCEDURE

1 READ VALUE ON INTELLIGENT TESTER II



- (a) Connect the intelligent tester II to the DLC3.
- (b) Turn the ignition switch to the ON position.
- (c) According to the display on the tester, read the "DATA LIST".

ECM:

Item	Measurement Item / Display (Range)	Normal Condition	Diagnostic Note
Main SW M-CPU	Main SW signal (Main CPU) / ON or OFF	ON : Main SW ON (Pushed on) OFF Main SW OFF (Pushed off)	-
Main SW S-CPU	Main SW signal (Sub CPU) / ON or OFF	ON : Main SW ON (Pushed on) OFF Main SW OFF (Pushed off)	-
CANCEL Switch	CANCEL SW signal / ON or OFF	ON : CANCEL SW ON OFF : CANCEL SW OFF	-
SET/COAST Switch	SET/COAST SW signal / ON or OFF	ON : SET/COAST SW ON OFF : SET/COAST SW OFF	-
RES/ACC Switch	RES/ACC SW signal / ON or OFF	ON : RES/ACC SW ON OFF : RES/ACC OFF	-

OK: When cruise control main switch operation is performed the standard values will be above.

Result:

OK	A
NG (All items are defective.)	B
NG (One to Four item are defective.)	C

B

Go to step 2

C

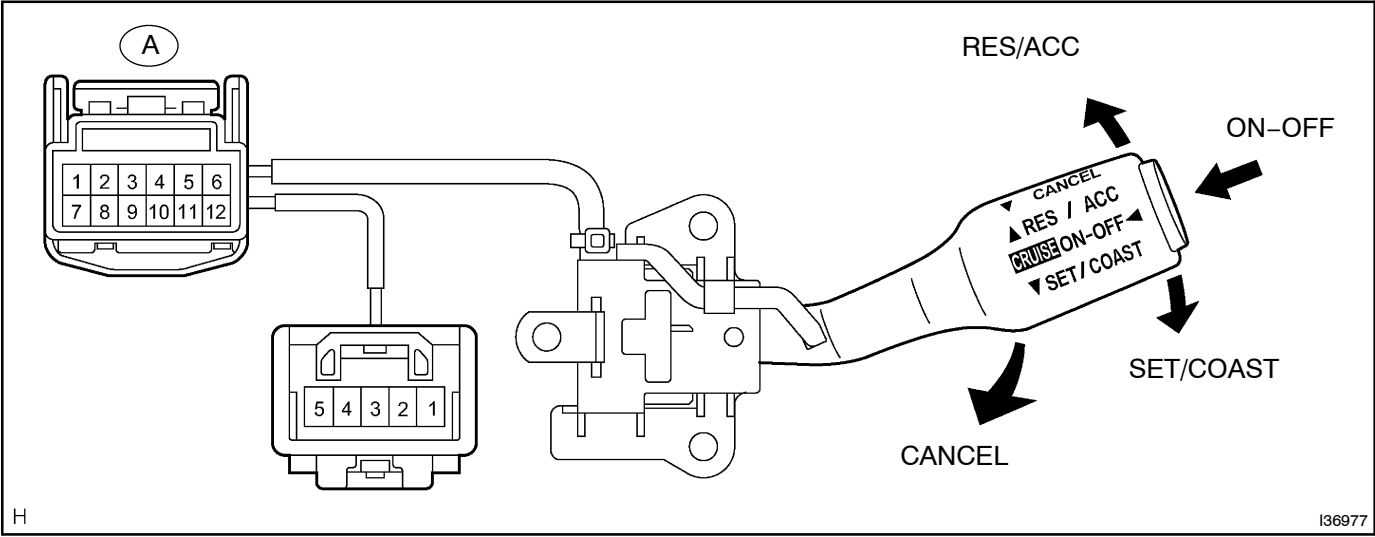
REPLACE CRUISE CONTROL MAIN SWITCH ASSY (SEE PAGE 32-11)

A

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE
(SEE PAGE 05-3591)

2 INSPECT CRUISE CONTROL MAIN SWITCH ASSY

(a) Disconnect the cruise control main switch connector.



(b) Measure the resistance according to the value(s) in the table below.

Standard:

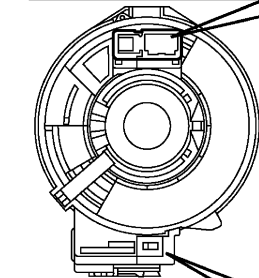
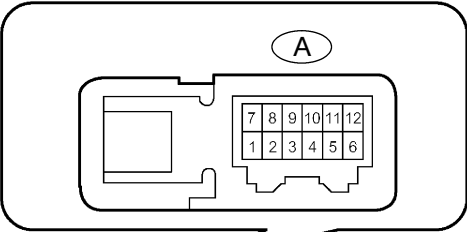
Switch condition	Tester connection	Resistance(Ω)
Neutral	A-2 - A-3	10kΩ or higher
RES/ACC	A-2 - A-3	210Ω to 270
SET/COAST	A-2 - A-3	560Ω to 700
CANCEL	A-2 - A-3	1,380Ω to 1,700
Main Switch OFF	A-2 - A-3	10kΩ or higher
Main Switch ON	A-2 - A-3	Below 1Ω

NG REPLACE CRUISE CONTROL MAIN SWITCH ASSY (SEE PAGE 82-11)

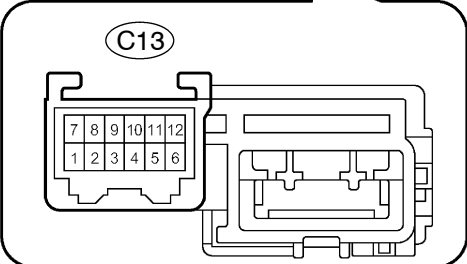
OK

3 INSPECT SPIRAL CABLE SUB-ASSY

Cruise Control Main Switch Side:



Vehicle Side:



- (a) Disconnect the spiral cable sub-assy connector.
- (b) Measure the resistance according to the value(s) in the table below.

Standard:

Terminal No.	Specified value
A-2 - C13-2	Below 1 Ω
A-3 - C13-3	Below 1 Ω

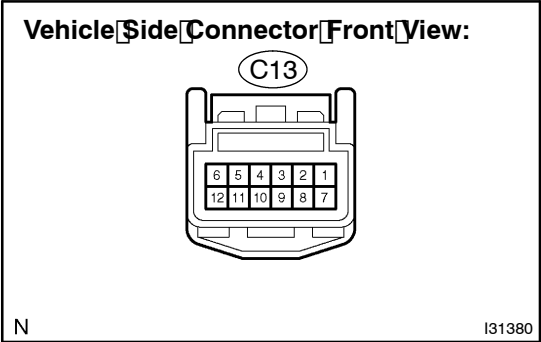
NG

REPLACE SPIRAL CABLE SUB-ASSY
(SEE PAGE 60-31)

OK

4

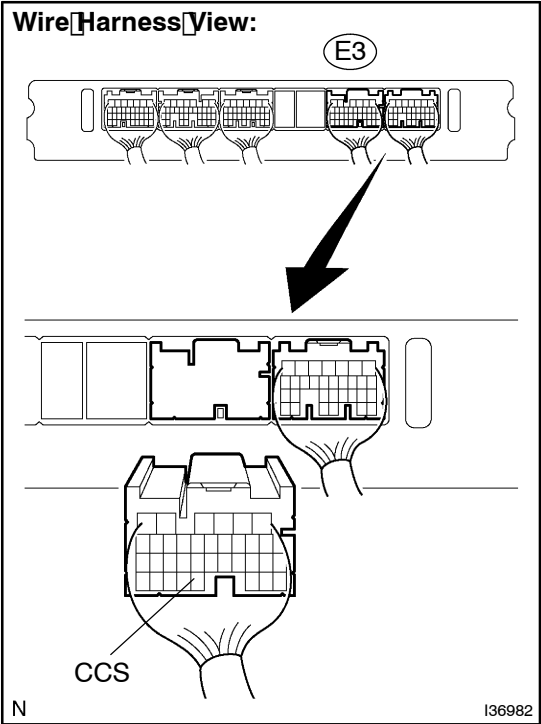
CHECK HARNESS AND CONNECTOR (SPIRAL CABLE SUB-ASSY - ECM, BODY GROUND)



(a) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Condition	Specification
Spiral Cable (C13-2) – CCS (E3-31)	Always	Below 1 Ω
CCS (E3-31) – Body Ground	Always	10 kΩ or higher
Spiral Cable (C13-3) – Body Ground	Always	Below 1 Ω



NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE ECM (SEE PAGE 10-21)