



## INSPECTION PROCEDURE

### 1 READ VALUE OF HAND-HELD TESTER

- (a) Connect the hand-held tester to the DLC3.
- (b) Turn the ignition switch ON and push the hand-held tester main switch ON.
- (c) Select the item "CANCEL SW, SET/COAST SW, RES/ACC SW, MAIN SW" in the DATA LIST and read its value displayed on the hand-held tester.

**OK:**

Description	Tester display	Check condition
Cruise control switch CANCEL switch ON	CANCEL SW	ON – OFF
Cruise control switch SET/– switch ON	SET/COAST SW	ON – OFF
Cruise control switch RES/+ switch ON	RES/ACC SW	ON – OFF
Cruise main switch (Sub CPU)	MAIN SW (SUB)	ON – OFF
Cruise main switch (Main CPU)	MAIN SW (MAIN)	ON – OFF

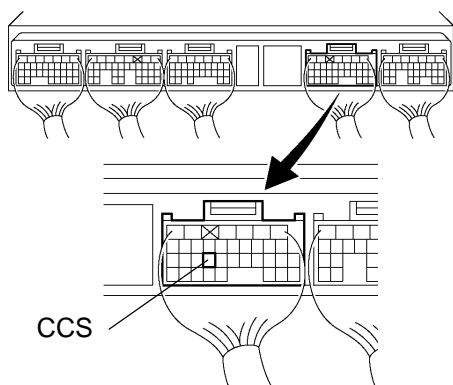
**OK**

**PROCEED TO NEXT CIRCUIT INSPECTION  
SHOWN IN PROBLEM SYMPTOMS TABLE  
(See page 05-2218)**

**NG**

## 2 INSPECT ECM(CCS)

1MZ-FE, 3MZ-FE:



N

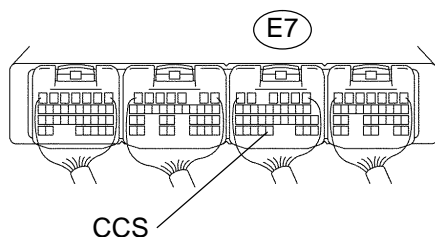
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- Remove ECM with the connector.
- Turn the ignition switch to ON.
- Measure the voltage between terminal CCS of ECM connector and body ground when each of the SET/–, RES/+ and CANCEL is turned ON.

**OK:**

Switch position	Voltage (V)
Neutral	10 – 16
RES/+	2.3 – 4.5
SET/–	4.5 – 8.1
CANCEL	6.6 – 11.4

2AZ-FE:



P

C96070

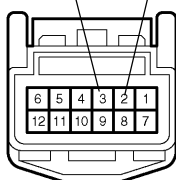
**OK**

**PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (See page 05-2218)**

**NG**

## 3 INSPECT CRUISE CONTROL MAIN SWITCH

ECC CCS



N

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- Remove the steering wheel center pad.
- Disconnect the control switch connector.
- Measure the resistance between terminal CCS and ECC of the control switch connector when the control switch is operated.

**OK:**

Switch position	Resistance (Ω)
Neutral	∞ (No continuity)
CRUISE	0 (Continuity)
RES/+	220 – 260
SET/–	600 – 660
CANCEL	1,500 – 1,600

**NG**

**REPLACE CRUISE CONTROL MAIN SWITCH**

**OK**

**4 CHECK HARNESS AND CONNECTOR**

- (a) Check for open and short circuit in the harness and the connector between terminal CCS of ECM and terminal CCS of the cruise control switch (See page [01-32](#)).
- (b) Check for open and short circuit in the harness and the connector between terminal ECC of the cruise control switch and body ground (See page [01-32](#)).

**NG****REPAIR OR REPLACE HARNESS OR CONNECTOR****OK****PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**  
(See page [05-2218](#))