

[illegible]

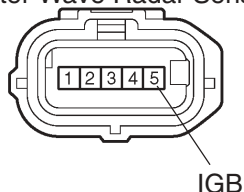
## INSPECTION PROCEDURE

### 1 CHECK CRUISE CONTROL ECU (IGB VOLTAGE)

#### Wire Harness Side

M5

Millimeter Wave Radar Sensor Assy



N

I44453

- Disconnect M5 sensor connector.
- Measure the voltage of the wire harness side connector.

#### Standard:

Tester Connection	Condition	Specified Condition
M5-5 (IGB) – Body ground	Ignition switch ON	10 to 14 V

NG

Go to step 3

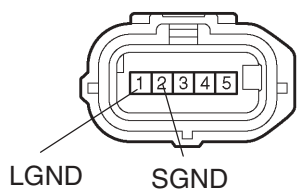
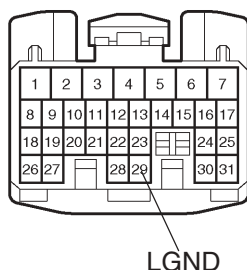
OK

### 2 CHECK WIRE HARNESS (MILLIMETER WAVE RADAR SENSOR ASSY – ECM AND BODY GROUND)

#### Wire Harness Side

M5

Millimeter Wave Radar Sensor Assy

E4  
ECM

N

I44455

- Disconnect the M5 sensor connector.
- Disconnect the E4 ECM connector.
- Measure the resistance of the wire harness side connectors.

#### Standard:

Tester Connection	Specified Condition
M5-1 (LGND) – E4-29 (LGND)	Below 1 $\Omega$
M5-1 (LGND) – Body ground	10 k $\Omega$ or higher
M5-2 (SGND) – Body ground	Below 1 $\Omega$

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

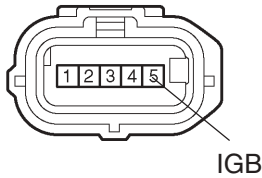
OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE  
(See page 05-20)

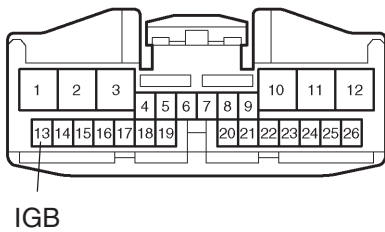
3 CHECK WIRE HARNESS (MILLIMETER WAVE RADAR SENSOR ASSY – CRUISE CONTROL ECU ASSY)

Wire Harness Side

M5  
Millimeter Wave Radar Sensor Assy



D29  
Distance Control ECU Assy



N

I44456

- (a) Disconnect the M5 sensor connector.
- (b) Disconnect the D29 ECU connector.
- (c) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
M5-5 (IGB) – D29-13 (IGB)	Below 1 $\Omega$
D29-13 (IGB) – Body ground	10 k $\Omega$ or higher

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE  
(See page 05-20)