

DTC	B1277	CENTER CLUSTER INTEGRATION PANEL ECU COMMUNICATION STOP
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CIRCUIT DESCRIPTION

This DTC is detected when communication between the center cluster integration panel (ECU) and gateway ECU stops for more than 10 seconds.

DTC No.	DTC Detection Condition	Trouble Area
B1277	Center cluster integration panel ECU communication stops	• Center cluster integration panel • Wire harness

INSPECTION PROCEDURE

1 CHECK WIRE HARNESS (CENTER CLUSTER INTEGRATION PANEL - BODY GROUND)

Wire Harness Side

C6
Center Cluster Integration Panel

1

2

3

4

5

6

7

8

9

10

GND

IG+

Y

B79308

- (a) Disconnect the C6 panel connector.
- (b) Measure the resistance and voltage of between the wire harness side connector.

Standard:

Tester Connection	Condition	Specified Condition
C6-4 (IG+) - Body ground	Ignition switch from OFF to ON	0V → 10 to 14 V
C6-1 (GND) - Body ground	Constant	Below 1 Ω

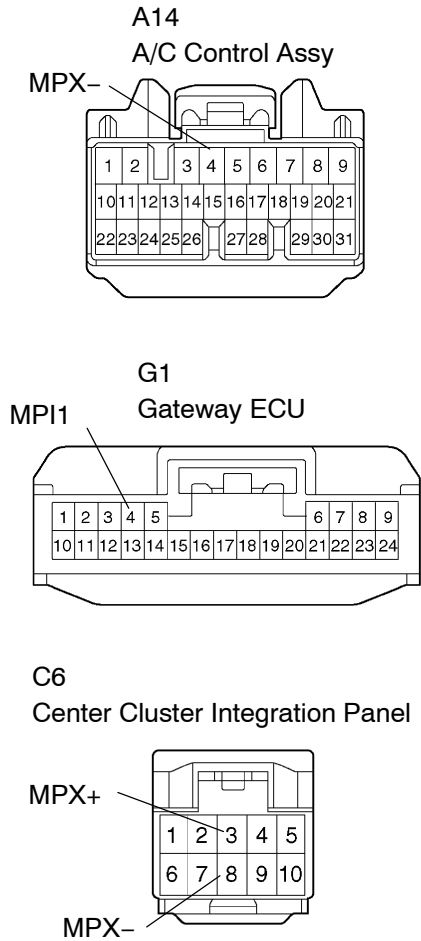
NG

REPAIR OF REPLACE HARNESS AND CONNECTOR

OK

2 CHECK RESISTANCE OF COMMUNICATION LINE

Wire Harness Side



Y B79309

- (a) Disconnect the A14 and G1 ECU connectors.
- (b) Disconnect the C6 panel connector.
- (c) Measure the resistance between the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
C6-3 (MPX+) – A14-4 (MPX-)	Below 1 Ω
C6-8 (MPX-) – G1-4 (MPI1)	Below 1 Ω

NG REPLACE OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE CENTER CLUSTER INTEGRATION PANEL