

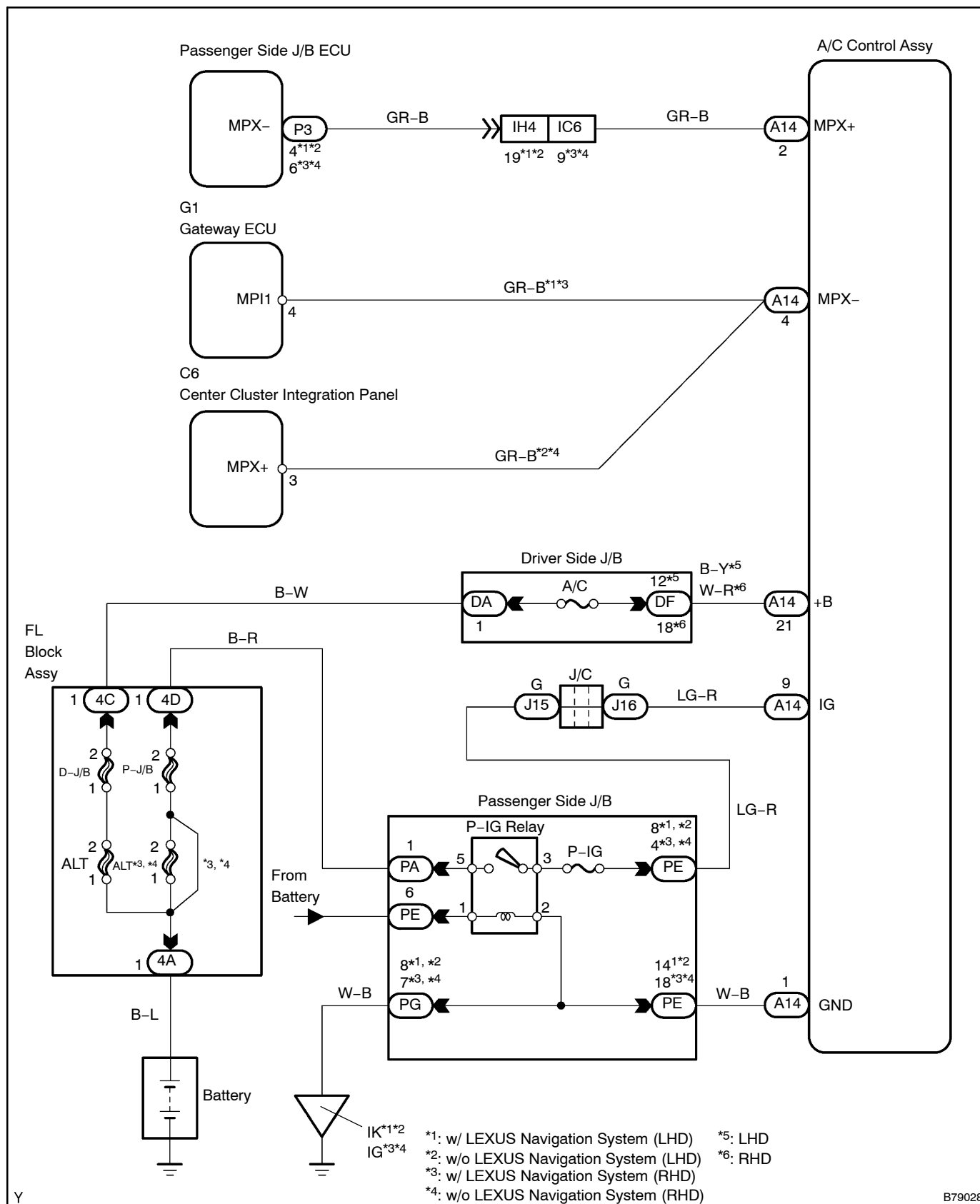
DTC	B1262	A/C ECU COMMUNICATION STOP
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CIRCUIT DESCRIPTION

This DTC is detected when communication between the A/C control assy (A/C ECU) and gateway ECU stops for more than 10 seconds.

DTC No.	DTC Detection Condition	Trouble Area
B1262	A/C ECU communication stops	<ul style="list-style-type: none">• A/C control assy• Wire harness

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK OPERATION

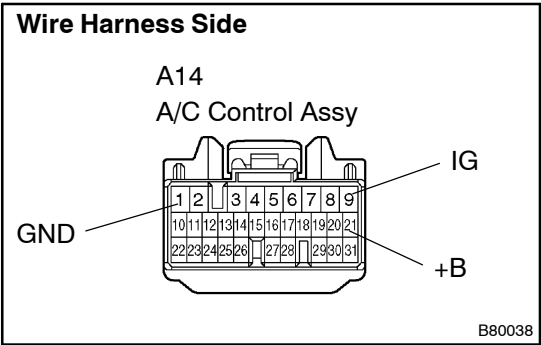
- (a) Check that the A/C switch can operate the conditioner normally.
OK: A/C switch can operate the conditioner normally.

NG Go to step 2

OK

REPLACE A/C CONTROL ASSY

2 CHECK WIRE HARNESS (A/C CONTROL ASSY – BODY GROUND)



- (a) Disconnect the A14 ECU connector.
(b) Measure the resistance and voltage between the wire harness side connector and body ground.

Standard:

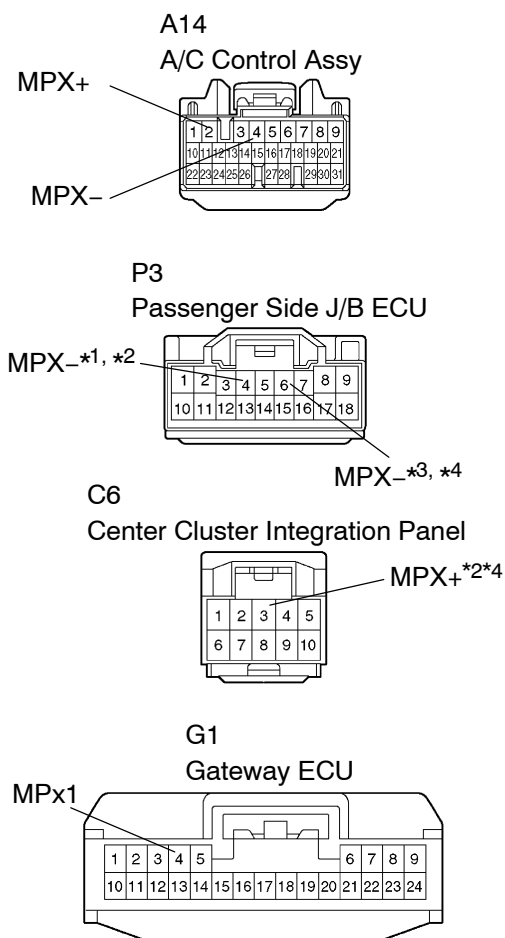
Tester Connection	Condition	Specified Condition
A14-9 (IG) – Body ground	Ignition OFF → ON	0 V → 10 to 14V
A14-21 (+B) – Body ground	Constant	10 to 14 V
A14-1 (GND) – Body ground	Constant	Below 1 Ω

NG REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

3 CHECK RESISTANCE OF COMMUNICATION LINE

Wire Harness Side



*1: w/ Smart Key System (LHD)
 *2: w/o Smart Key System (LHD)
 *3: w/ Smart Key System (RHD)
 *4: w/o Smart Key System (RHD)

B79295

- Disconnect the A14 and P3 ECU connectors.
- Disconnect the G1*¹ or C6*² ECU connector.
- Measure the resistance between the wire harness side connectors.

Standard:

LHD models

Tester Connection	Specified Condition
A14-2 (MPX+) - P3-4 (MPX-)	Below 1 Ω
A14-4 (MPX-) - C6-3* ¹ (MPX+)	Below 1 Ω
A14-4 (MPX-) - G1-4* ² (MPI1)	Below 1 Ω

RHD models

Tester Connection	Specified Condition
A14-2 (MPX+) - P3-6 (MPX-)	Below 1 Ω
A14-4 (MPX-) - C6-3* ¹ (MPX+)	Below 1 Ω
A14-4 (MPX-) - G1-4* ² (MPI1)	Below 1 Ω

*1: w/o LEXUS navigation system

*2: w/ LEXUS navigation system

Result:

Result	Proceed to
Both are OK	A
One is OK	B
Both are NG	C

B

REPLACE A/C CONTROL ASSY AND REPAIR OR REPLACE HARNESS AND CONNECTOR

C

REPAIR OR REPLACE HARNESS AND CONNECTOR

A

REPLACE A/C CONTROL ASSY