

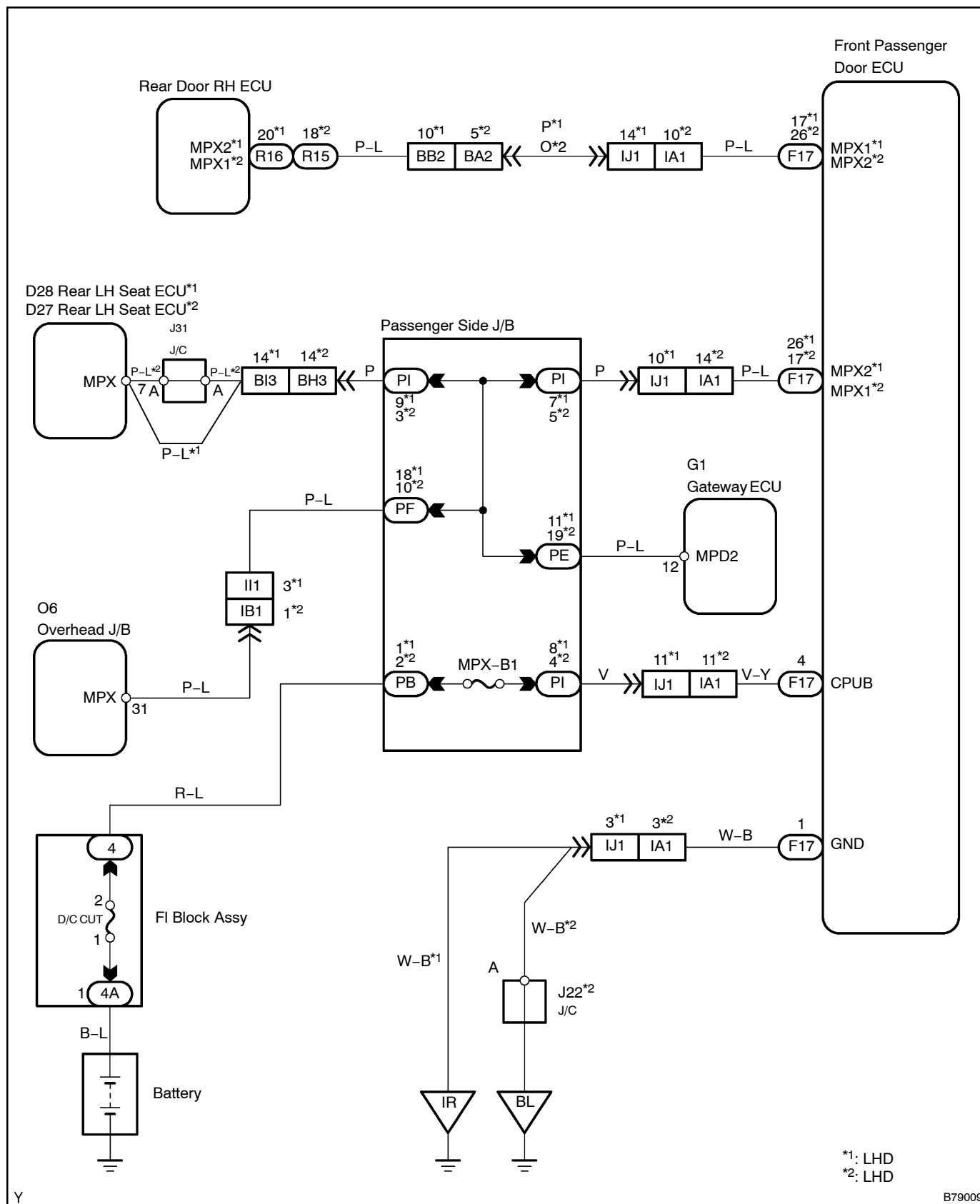
DTC	B1212	FRONT PASSENGER DOOR ECU COMMUNICATION STOP
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CIRCUIT DESCRIPTION

This DTC is detected when communication between the front passenger door ECU and gateway ECU stops for more than 10 seconds.

DTC No.	DTC Detection Condition	Trouble Area
B1212	Front passenger door ECU communication stops	• Front passenger door ECU • Wire harness

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK OPERATION

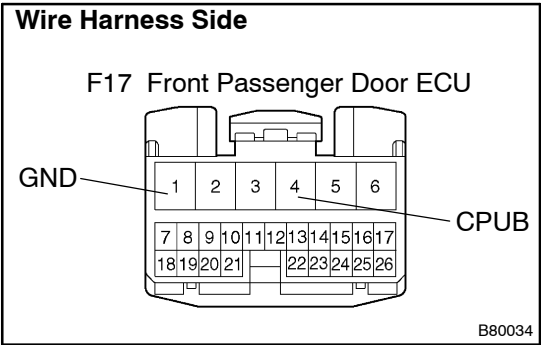
- (a) Open the front passenger door and check that the door warning lamp (built in combination meter) lights up.
OK: Door warning lamp lights up.

NG Go to step 2

OK

REPLACE FRONT PASSENGER DOOR ECU

2 CHECK WIRE HARNESS (FRONT PASSENGER DOOR ECU – BODY GROUND)



- (a) Disconnect the F17 ECU connector.
(b) Measure the resistance and voltage between the wire harness side connector and body ground.

Standard:

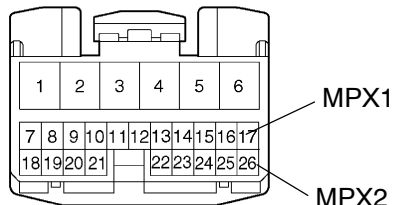
Tester Connection	Specified Condition
F17-4 (CPUB) – Body ground	10 to 14 V
F17-1 (GND) – Body ground	Below 1 Ω

NG REPAIR OR REPLACE HARNESS AND CONNECTOR

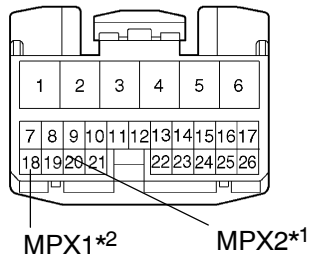
OK

3 CHECK RESISTANCE OF COMMUNICATION LINE**Wire Harness Side**

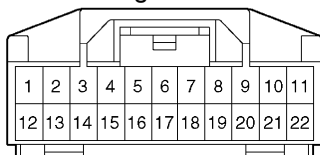
F17
Front Passenger Door ECU



R16*1, R15*2
Rear Door RH ECU



PI
Passenger Side J/B



*1: LHD

*2: RHD

B79288

- Disconnect the F17 ECU connector.
- Disconnect the R16*¹ or R15*² connector.
- Disconnect the PI J/B connector.
- Measure the resistance between the wire harness side connectors.

Standard:**LHD models**

Tester Connection	Specified Condition
F17-17 (MPX1) - R16-20 (MPX2)	Below 1 Ω
F17-26 (MPX2) - PI-7	Below 1 Ω

RHD models

Tester Connection	Specified Condition
F17-26 (MPX2) - R15-18 (MPX1)	Below 1 Ω
F17-17 (MPX1) - PI-5	Below 1 Ω

Result:

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

B

REPLACE FRONT PASSENGER DOOR ECU AND REPAIR OR REPLACE HARNESS AND CONNECTOR

C

REPAIR OR REPLACE HARNESS AND CONNECTOR

A

REPLACE FRONT PASSENGER DOOR ECU