

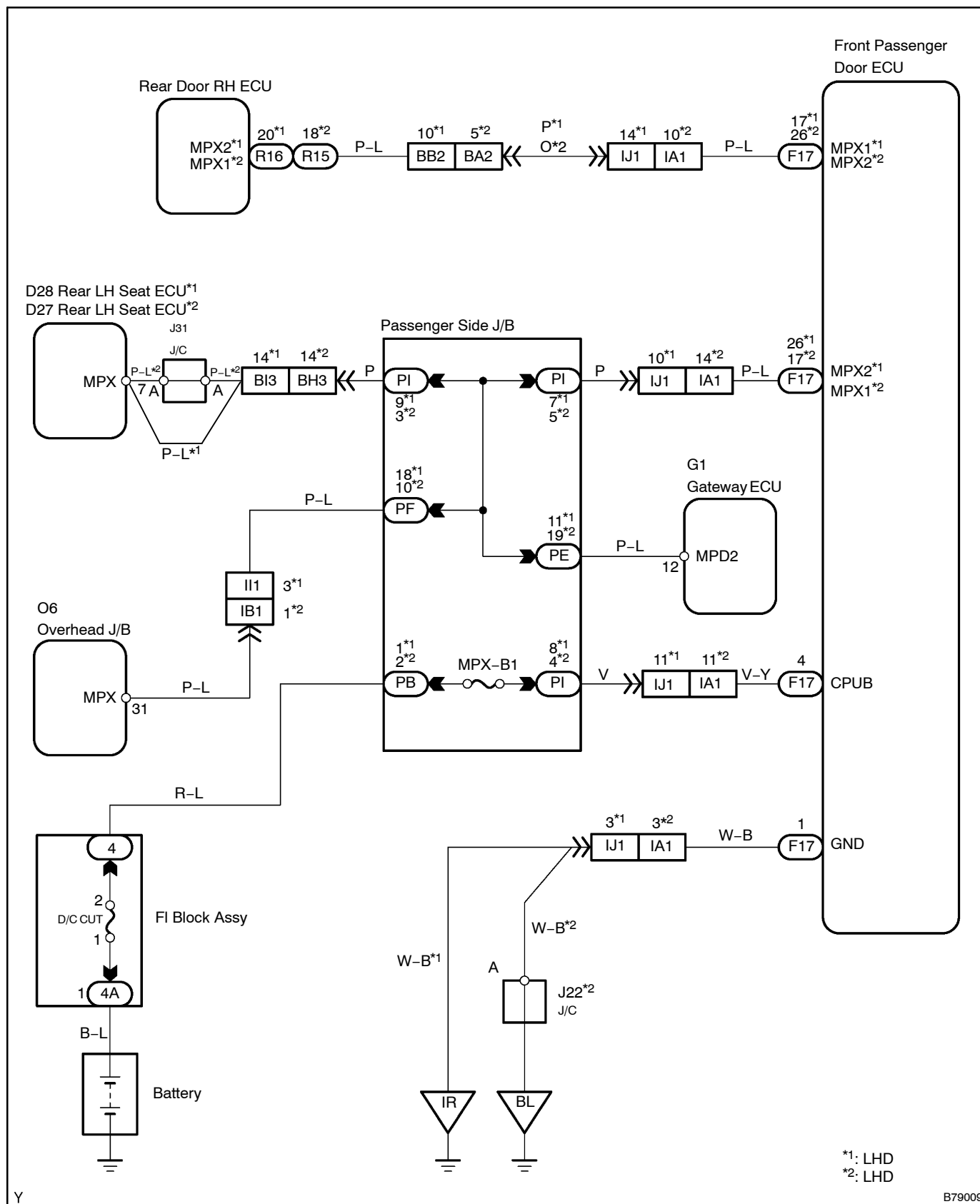
|     |       |   |
|-----|-------|---|
| DTC | B1212 | FRONT PASSENGER DOOR ECU COMMUNICATION STOP |
|-----|-------|---|

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 | <ul style="list-style-type: none"><li>• Front passenger door ECU</li><li>• Wire harness</li></ul> |

## WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK OPERATION

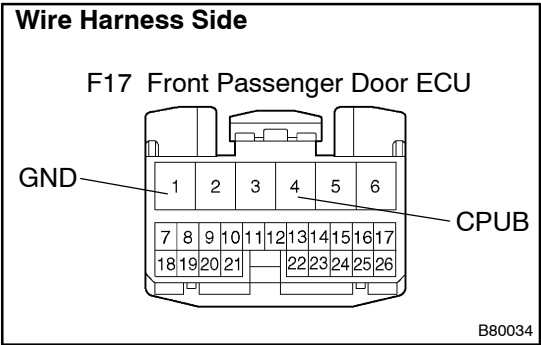
- (a) Open the front passenger door and check that the door warning lamp (built in combination meter) lights up.  
OK: Door warning lamp lights up.

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:

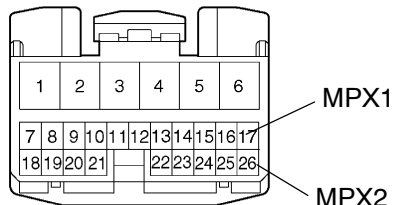
| Tester Connection          | Specified Condition |
|----------------------------|---------------------|
| F17-4 (CPUB) – Body ground | 10 to 14 V          |
| F17-1 (GND) – Body ground  | Below 1 Ω           |

NG REPAIR OR REPLACE HARNESS AND CONNECTOR

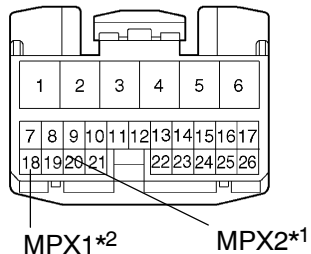
OK

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

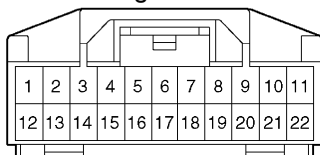
F17  
Front Passenger Door ECU



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\*<sup>1</sup> or R15\*<sup>2</sup> 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 $\Omega$    |
| F17-26 (MPX2) - PI-7          | Below 1 $\Omega$    |

**RHD models**

| Tester Connection             | Specified Condition |
|-------------------------------|---------------------|
| F17-26 (MPX2) - R15-18 (MPX1) | Below 1 $\Omega$    |
| F17-17 (MPX1) - PI-5          | Below 1 $\Omega$    |

**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**