

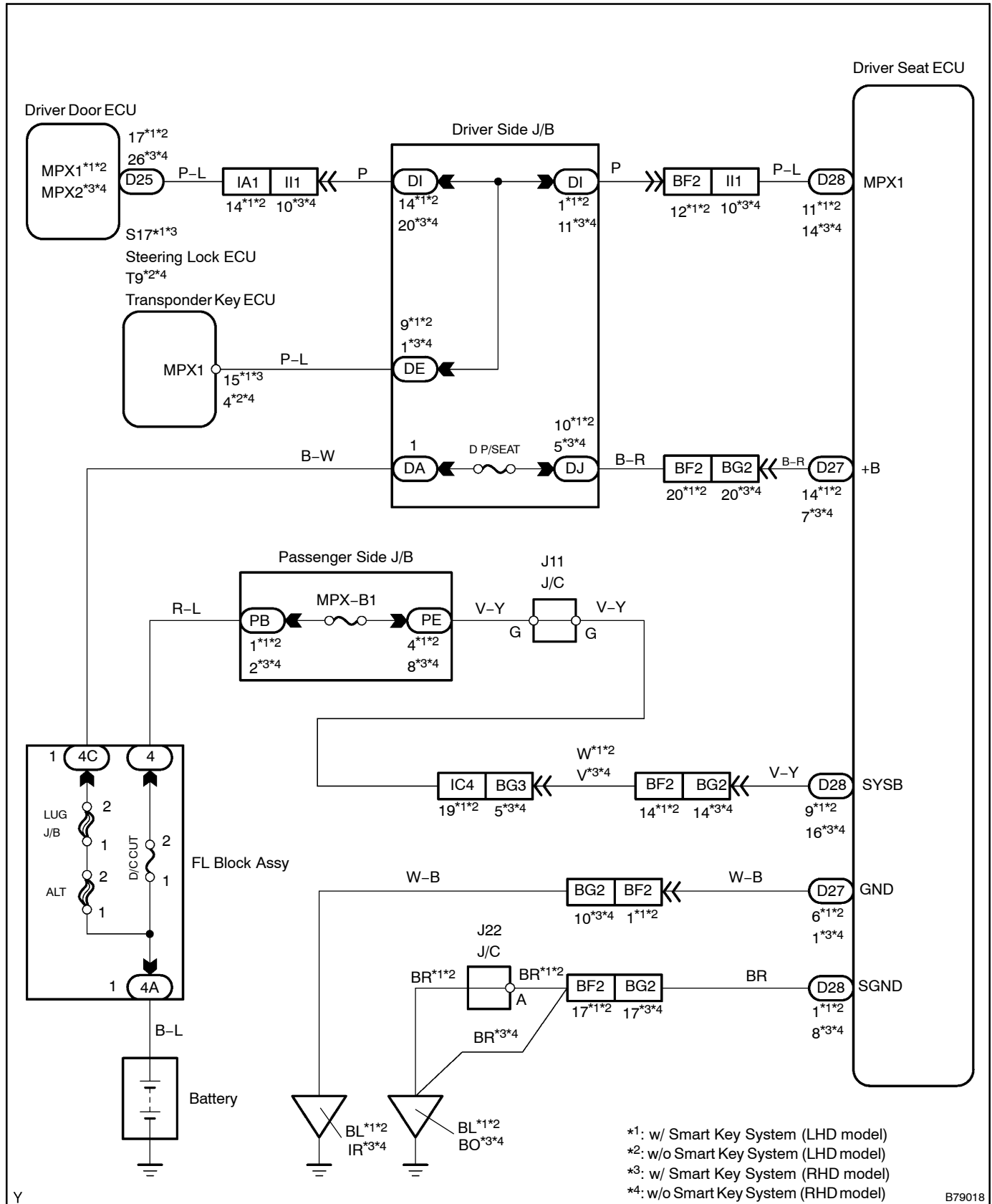
DTC	B1272	POWER SEAT ECU COMMUNICATION STOP
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CIRCUIT DESCRIPTION

This DTC is detected when communication between the driver seat ECU (power seat ECU) and gateway ECU stops for more than 10 seconds.

DTC No.	DTC Detection Condition	Trouble Area
B1272	Power seat ECU communication stops	<ul style="list-style-type: none">• Driver seat ECU• Wire harness

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK OPERATION

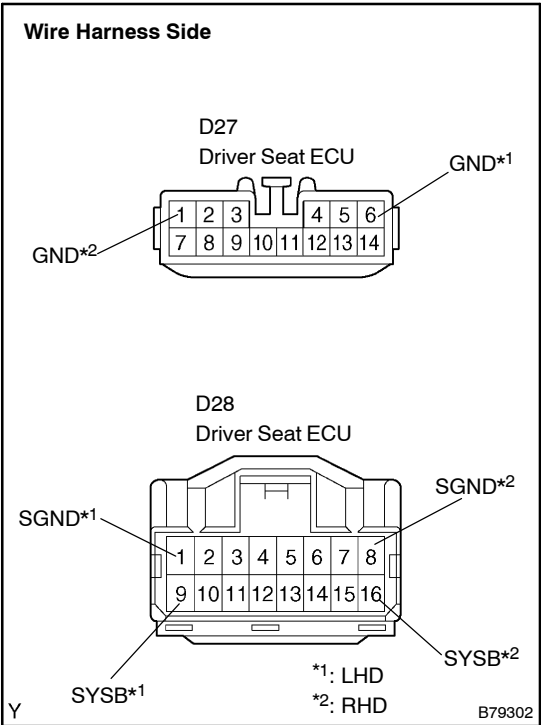
- (a) Check that the manual switch of the front power seat can move the driver side seat normally.
OK: Manual switch of the front power seat can move the driver side seat normally.
- NG

Go to step 2

OK

Go to step 3

2 CHECK WIRE HARNESS (DRIVER SEAT ECU – BODY GROUND)



- (a) Disconnect the D27 and D28 ECU connectors.
- (b) Measure the resistance and voltage between the wire harness side connector and body ground.

Standard:
LHD models

Tester Connection	Specified Condition
D27-14 (+B) – Body ground	10 to 14 V
D28-9 (SYSB) – Body ground	10 to 14 V
D27-6 (GND) – Body ground	Below 1 Ω
D28-1 (SGND) – Body ground	Below 1 Ω

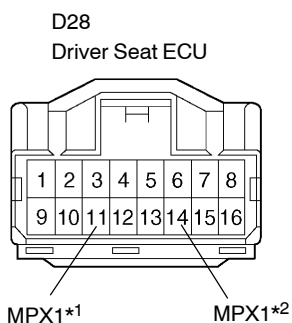
RHD models

Tester Connection	Specified Condition
D27-7 (+B) – Body ground	10 to 14 V
D28-16 (SYSB) – Body ground	10 to 14 V
D27-1 (GND) – Body ground	Below 1 Ω
D28-8 (SGND) – Body ground	Below 1 Ω

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

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

*1: LHD

*2: RHD

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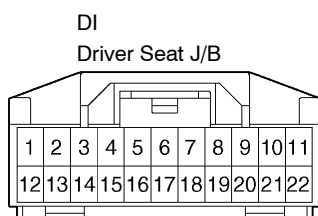
- Disconnect the D28 ECU connector.
- Disconnect the DI J/B connector.
- Measure the resistance between the wire harness side connectors.

Standard:**LHD models**

Tester Connection	Specified Condition
D28-11 (MPX1) - DI-1	Below 1 Ω

RHD models

Tester Connection	Specified Condition
D28-14 (MPX1) - DI-11	Below 1 Ω

NG**REPAIR OR REPLACE HARNESS AND CONNECTOR****OK****4 CHECK DRIVER SIDE JUNCTION BLOCK****Wire Harness Side**

Y

B79304

- Disconnect the DI J/B connector.
- Measure the resistance of the wire harness side connector.

Standard:**LHD models**

Tester Connection	Specified Condition
DI-1 - DI-14	Below 1 Ω

RHD models

Tester Connection	Specified Condition
DI-11 - DI-20	Below 1 Ω

NG**REPLACE DRIVER SIDE JUNCTION BLOCK****OK****REPLACE DRIVER SEAT ECU**