

DTC	B1298	REAR RH SEAT ECU COMMUNICATION STOP
-----	-------	-------------------------------------

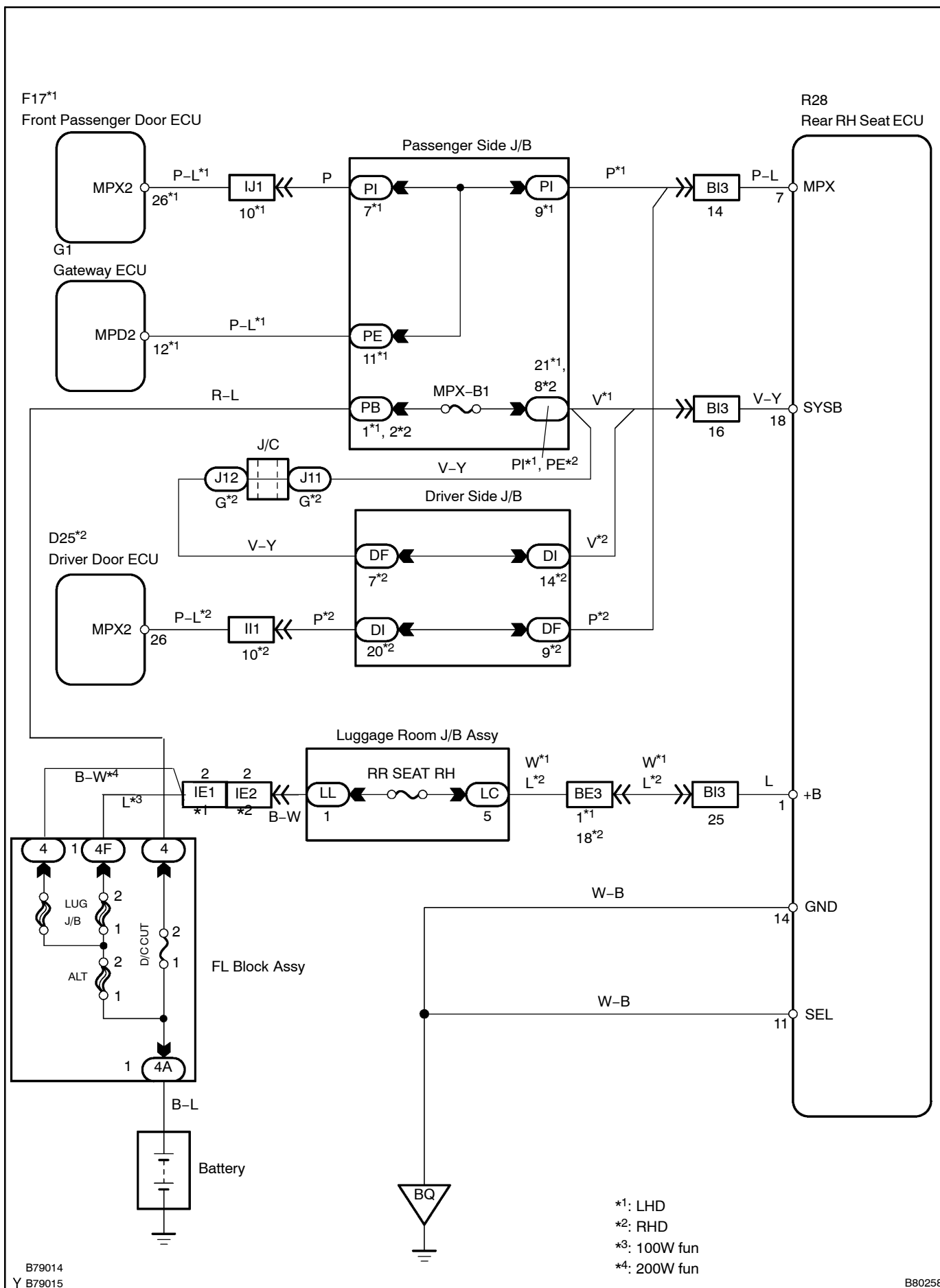
CIRCUIT DESCRIPTION

This DTC is detected when communication between the rear RH seat ECU and gateway ECU stops for more than 10 seconds.

DTC No.	DTC Detection Condition	Trouble Area
B1298	Rear RH seat ECU communication stops	• Rear RH seat ECU • Wire harness

WIRING DIAGRAM

The wiring diagram is shown on the next page.



INSPECTION PROCEDURE

1 CHECK FUSE (MPX-B1, RR SEAT RH, D/C CUT)

- (a) Remove the MPX-B1 fuse from the passenger side J/B.
- (b) Remove the RR SEAT RH fuse from the luggage room J/B.
- (c) Remove the D/C CUT fuse from the FL Block Assy.
- (d) Measure the resistance.

Standard: Below 1 Ω

NG

REPLACE FUSE

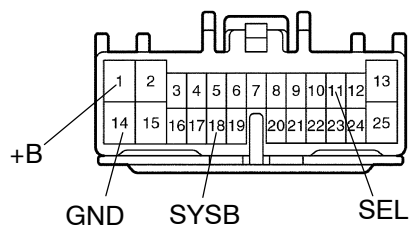
OK

2 CHECK WIRE HARNESS (REAR RH SEAT ECU - BODY GROUND)

Wire Harness Side

R28

Rear RH Seat ECU



- (a) Disconnect the R28 ECU connector.
- (b) Measure the resistance between the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
R28-18 (SYSB) - Body ground	10 to 14 V
R28-1 (+B) - Body ground	10 to 14 V
R28-11 (SEL) - Body ground	Below 1 Ω
R28-14 (GND) - Body ground	Below 1 Ω

NG

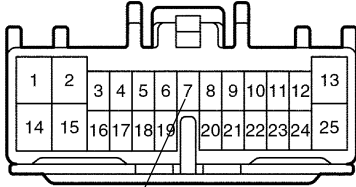
REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

3 CHECK RESISTANCE OF COMMUNICATION LINE

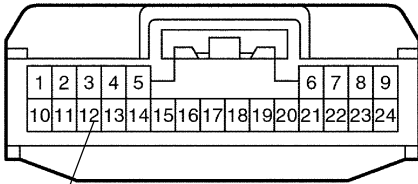
Wire Harness Side

R28
Rear RH Seat ECU



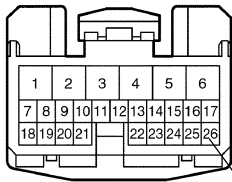
MPX

G1*1
Gateway ECU



MPD2

D25*2
Driver Door ECU



MPX2

*1: LHD
*2: RHD

B80103

- (a) Disconnect the R28 ECU connectors.
- (b) Disconnect the G1*1 or D25*2 ECU connector.
- (c) Measure the resistance between the wire harness side connectors.

Standard:

LHD models

Tester Connection	Specified Condition
R28-7 (MPX) - G1-12 (MPD2)	Below 1 Ω

RHD models

Tester Connection	Specified Condition
R28-7 (MPX) - D25-26 (MPX2)	Below 1 Ω

*1: LHD

*2: RHD

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE REAR RH SEAT ECU