

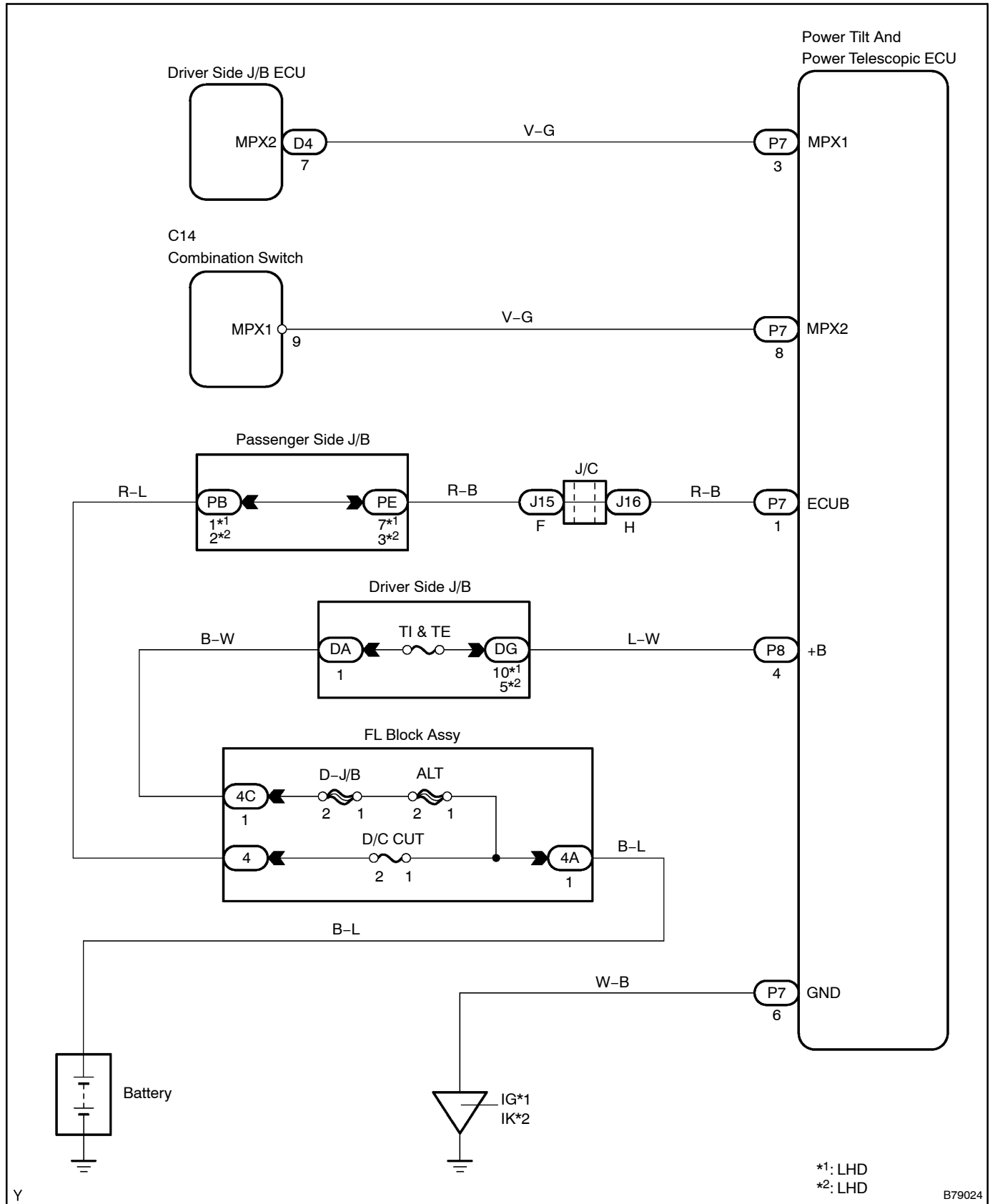
DTC	B1213	TILT AND TELESCOPIC ECU COMMUNICATION STOP
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CIRCUIT DESCRIPTION

This DTC is detected when communication between the tilt and telescopic ECU and gateway ECU stops for more than 10 seconds.

DTC No.	DTC Detection Condition	Trouble Area
B1212	Tilt and telescopic ECU communication stops	• Tilt and telescopic ECU • Wire harness

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK OPERATION

- (a) Check that the power tilt and telescopic switch can operate the tilt & telescopic steering column normally.

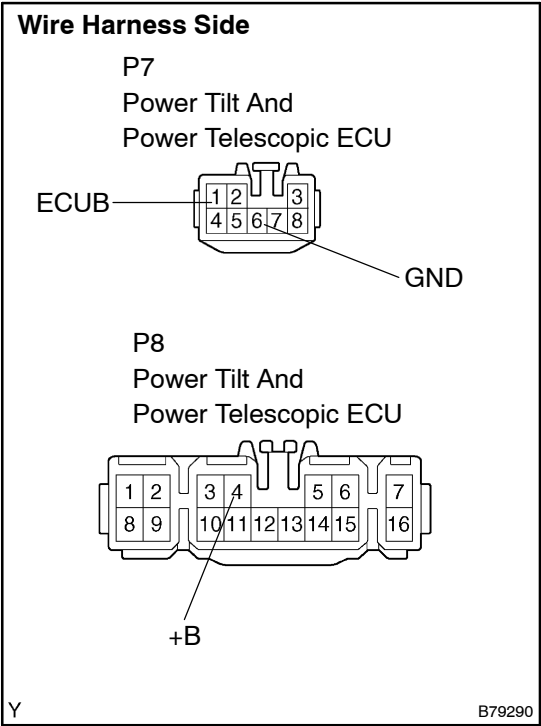
OK: Power tilt & telescopic switch can operate the tilt and telescopic steering column normally.

NG Go to step 2

OK

REPLACE POWER TILT AND POWER TELESCOPIC ECU

2 CHECK WIRE HARNESS (POWER TILT AND POWER TELESCOPIC ECU – BODY GROUND)



- (a) Disconnect the P7 and P8 ECU connectors.
- (b) Measure the resistance and voltage between the wire harness side connector and body ground.

Standard:

Tester Connection	Specified Condition
P7-1 (ECUB) – Body ground	10 to 14 V
P8-4 (+B) – Body ground	10 to 14 V
P7-6 (GND) – Body ground	Below 1 Ω

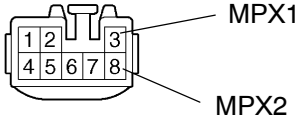
NG REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

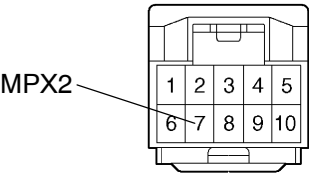
3 CHECK RESISTANCE OF COMMUNICATION LINE

Wire Harness Side

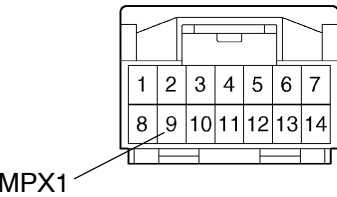
P7
Power Tilt And
Power Telescopic ECU



D4
Driver Side J/B ECU



C14
Combination Switch



- (a) Disconnect the P7 and D4 ECU connectors.
- (b) Disconnect the C14 switch connector.
- (c) Measure the resistance between the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
P7-3 (MPX1) - D4-7 (MPX2)	Below 1 Ω
P7-8 (MPX2) - C14-9 (MPX1)	Below 1 Ω

Result:

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

B

REPLACE POWER TILT AND POWER
TELESCOPIC ECU AND REPAIR OR REPLACE
HARNESS AND CONNECTOR

C

REPAIR OR REPLACE HARNESS AND
CONNECTOR

A

REPLACE POWER TILT AND POWER TELESCOPIC ECU