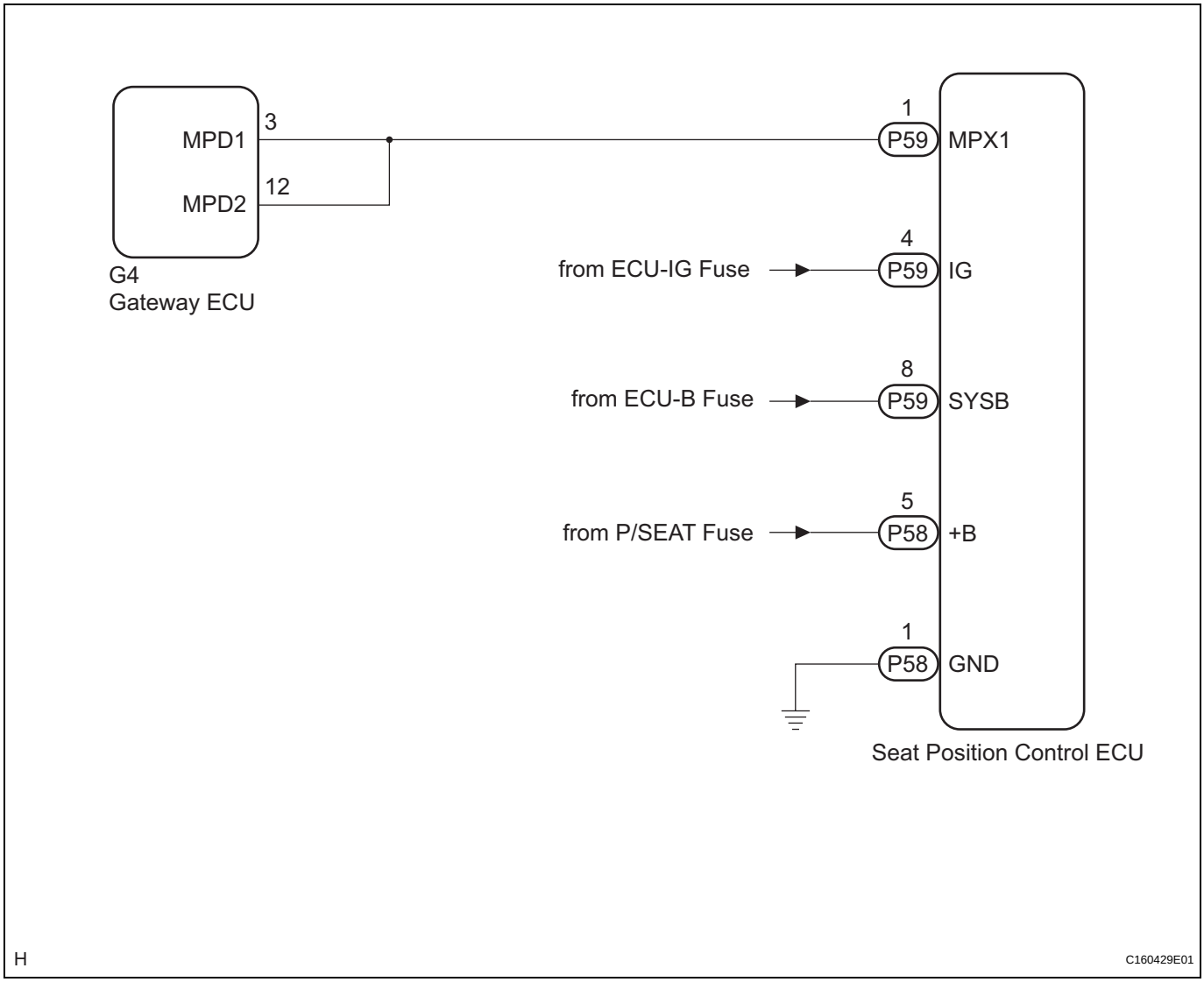
DTC	B1272	Power Seat ECU Communication Stop

DESCRIPTION

This DTC is detected when communication between the seat position control ECU and the multiplex network gateway ECU stops for more than 10 seconds.

DTC No.	DTC Detection Condition	Trouble Area
B1272	Power seat ECU communication stops	• Seat position control ECU • Wire harness

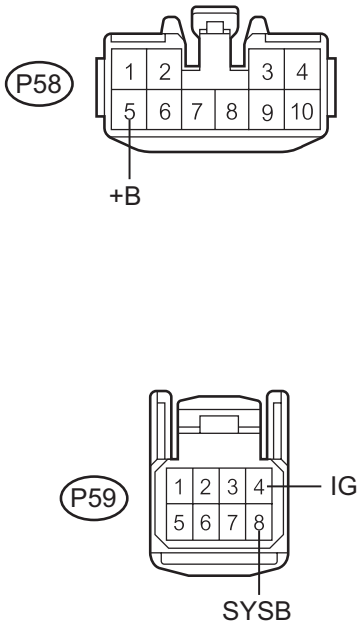
WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK HARNESS AND CONNECTOR (SEAT POSITION CONTROL ECU - BATTERY)

Front view of wire harness connector:
(to Seat Position Control ECU)



(a) Disconnect the P58 and P59 ECU connectors.
(b) Measure the voltage according to the value(s) in the table below.

Standard voltage

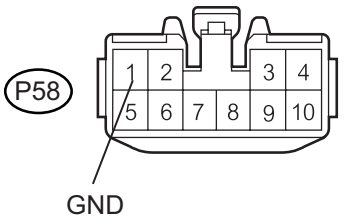
Tester Connection	Condition	Specified Condition
P59-4 (IG) - Body ground	Ignition switch: ON	11 to 14 V
P59-8 (SYSB) - Body ground	Always	11 to 14 V
P58-5 (+B) - Body ground	Always	11 to 14 V

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

2 CHECK HARNESS AND CONNECTOR (SEAT POSITION CONTROL ECU - GROUND)

Front view of wire harness connector:
(to Seat Position Control ECU)



(a) Measure the resistance according to the value(s) in the table below.

Standard resistance

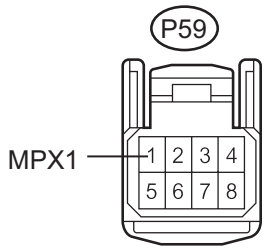
Tester Connection	Condition	Specified Condition
P58-1 (GND) - Body ground	Always	Below 1 Ω

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

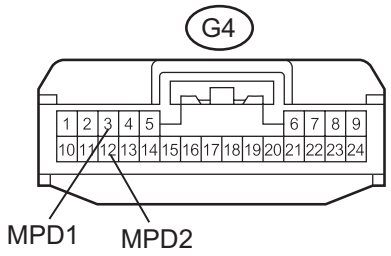
OK

3	CHECK COMMUNICATION LINE

Front view of wire harness connector:
(to Seat Position Control ECU)



(to Gateway ECU)



C160735E01

(a) Disconnect the G4 ECU connector.
(b) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Condition	Specified Condition
P59-1 (MPX1) - G4-3 (MPD1)	Always	Below 1 Ω
P59-1 (MPX1) - G4-12 (MPD2)	Always	Below 1 Ω

Result

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

B → REPAIR OR REPLACE HARNESS OR CONNECTOR AND SEAT POSITION CONTROL ECU

C → REPAIR OR REPLACE HARNESS OR CONNECTOR

A

REPLACE SEAT POSITION CONTROL ECU