

Driving Position Memory Switch Circuit (w/ Memory)

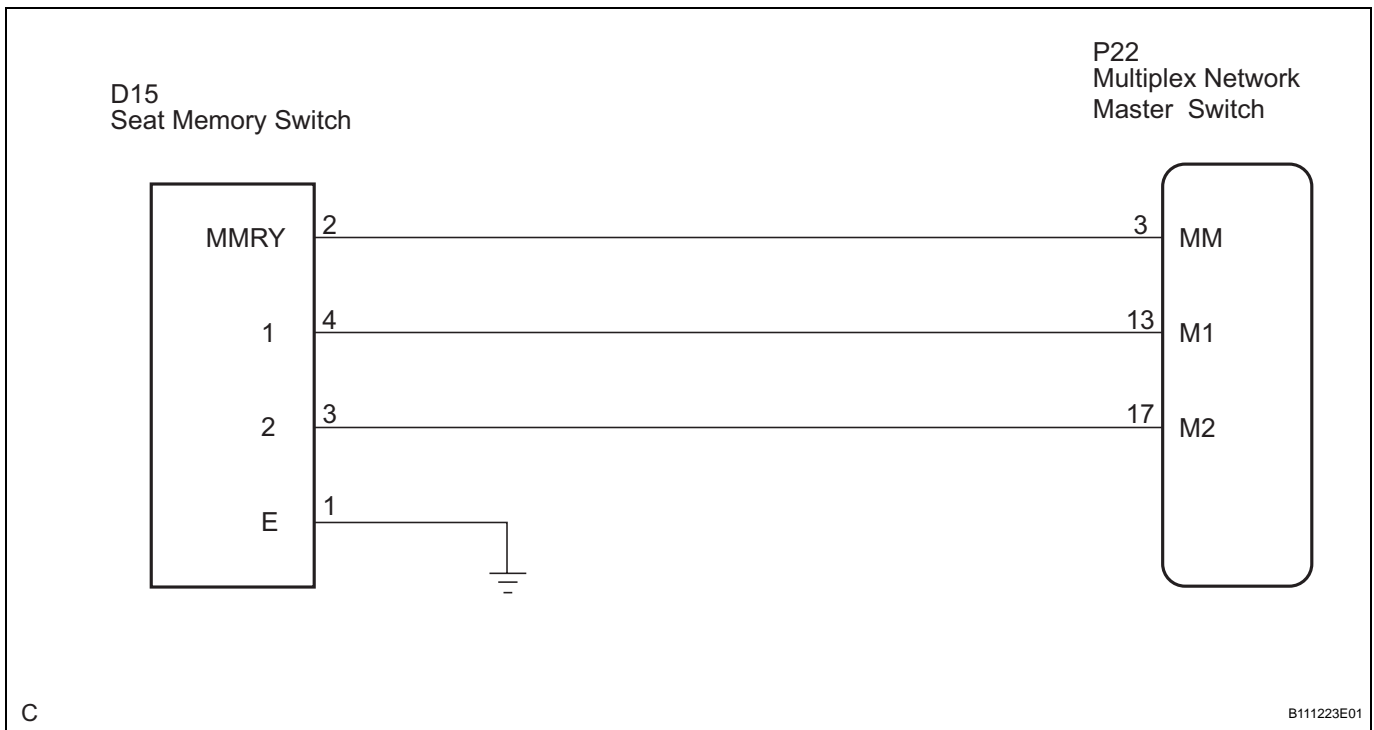
DESCRIPTION

When the seat memory switch M1 or M2 is pressed, the position control ECU & switch (Seat ECU) transmits a signal of the memorized mirror position to the outer mirror control ECU by way of the power window regulator master switch. Then, the outer mirror control ECU drives the mirror motor.

HINT:

The power mirror control system is a part of the multiplex communication system. This system features shared communication wiring that reduces the wiring complexity of the communication lines. The first step in any repair is to confirm the proper operation of the communication system. Proceed with troubleshooting after the communication has been verified (See the Multiplex Communication System).

WIRING DIAGRAM



1 READ VALUE ON INTELLIGENT TESTER

(a) Check the DATA LIST for proper function of the seat memory switch.

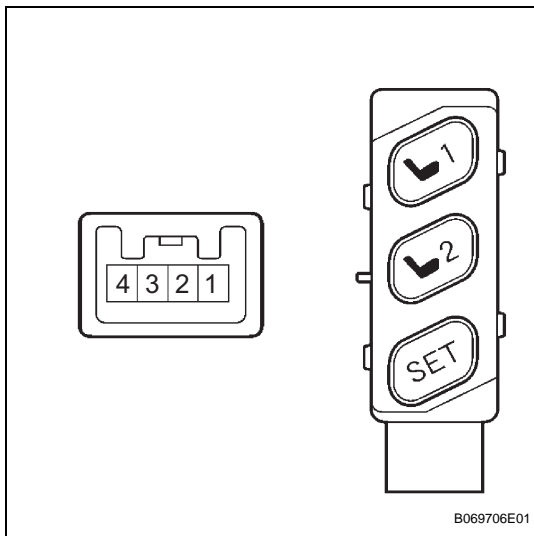
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D-SEAT

Item	Switch Position	Specified condition
D-MIRR MEM M1	Driver side mirror position memorized in seat memory switch M1/NOT MEM or MEM	MEM: Memorized NOT MEM: Not memorized
D-MIRR MEM M2	Driver side mirror position memorized in seat memory switch M2/NOT MEM or MEM	
P-MIRR MEM M1	Passenger side mirror position memorized in seat memory switch M1/NOT MEM or MEN	
P-MIRR MEM M2	Passenger side mirror position memorized in seat memory switch M2/NOT MEM or MEN	

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Go to step 2

OK

CHECK AND REPLACE OUTER MIRROR CONTROL ECU**2 CHECK SEAT MEMORY SWITCH**

- (a) Remove the seat memory switch.
 (b) Measure the resistance according to the value(s) in the table below when the switch is operated.

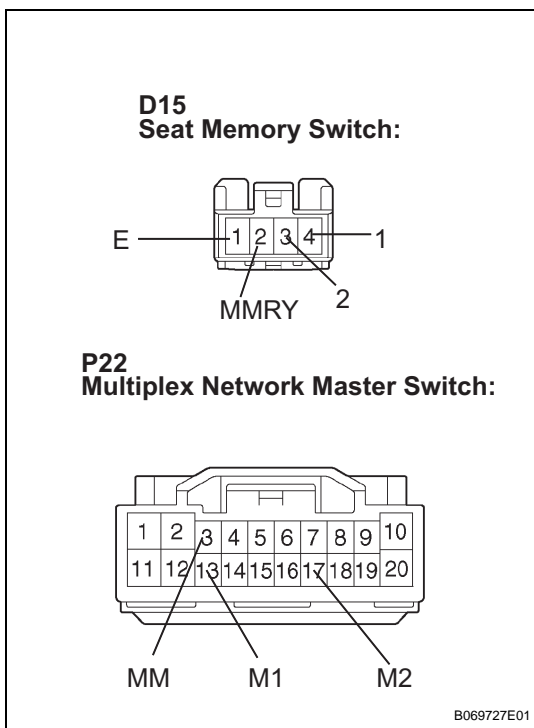
Standard resistance

Tester Connection	Switch Condition	Specified Condition
3 - 4	"SET" switch ON	Below 1 Ω
1 - 4	"1" switch ON	Below 1 Ω
2 - 4	"2" switch ON	Below 1 Ω

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REPLACE SEAT MEMORY SWITCH

OK

3 CHECK WIRE HARNESS (SEAT MEMORY SWITCH - MULTIPLEX NETWORK MASTER SWITCH)

- (a) Disconnect the D15 and P22 switch connectors.
 (b) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Condition	Specified Condition
D15-2 (MMRY) - P22-3 (MM)	Always	Below 1 Ω
D15-4 (1) - P22-13 (M1)	Always	Below 1 Ω
D15-3 (2) - P22-17 (M2)	Always	Below 1 Ω
D15-1 (E) - Body ground	Always	Below 1 Ω

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REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE POSITION CONTROL ECU & SWITCH ASSEMBLY