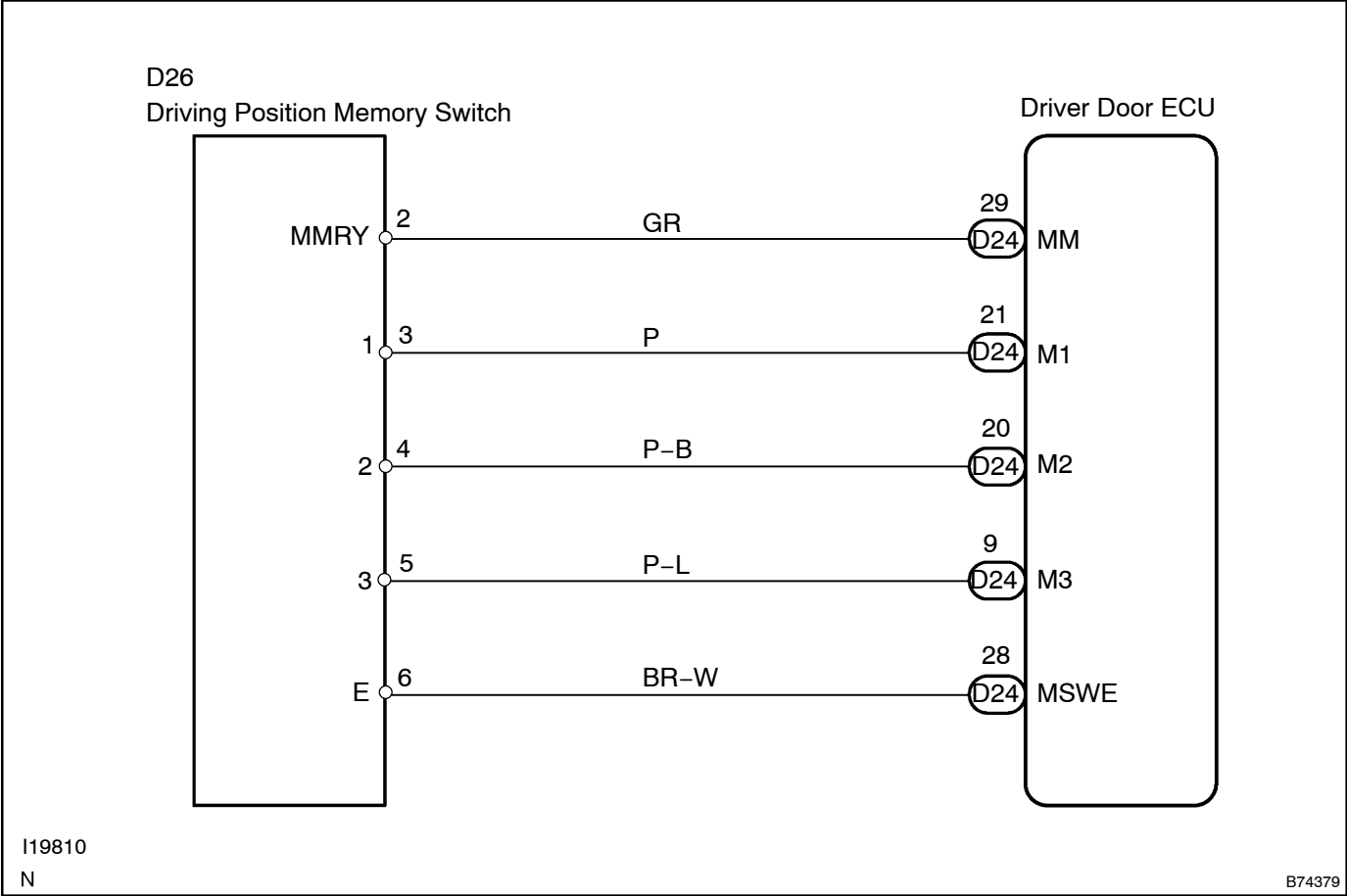# DRIVING POSITION MEMORY SWITCH CIRCUIT (W/ MEMORY)

CIRCUIT DESCRIPTION

The driver door ECU detects the condition of the driving memory switch, and sends the information to the power seat ECU and the tilt and telescopic ECU via the multiplex communication circuit.

WIRING DIAGRAM

D26
Driving Position Memory Switch

Driver Door ECU

MMRY	2	GR	29 D24	MM
1	3	P	21 D24	M1
2	4	P–B	20 D24	M2
3	5	P–L	9 D24	M3
E	6	BR–W	28 D24	MSWE

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INSPECTION PROCEDURE

1	READ VALUE OF INTELLIGENT TESTER II

(a) Connect the intelligent tester II to the DLC3.

(b) Turn the ignition switch ON and press the intelligent tester II main switch ON.

(c) Select the items below in the DATA LIST, and read the displays on the intelligent tester II.
Driver seat ECU:

Item	Measurement Item/ Display (Range)	Normal Condition
M3 SW	Seat memory switch M3 signal/ ON or OFF	ON: Seat memory switch M3 is ON OFF: Seat memory switch M3 is OFF
M2 SW	Seat memory switch M2 signal/ ON or OFF	ON: Seat memory switch M2 is ON OFF: Seat memory switch M2 is OFF
M1 SW	Seat memory switch M1 signal/ ON or OFF	ON: Seat memory switch M1 is ON OFF: Seat memory switch M1 is OFF
SET SW	Seat memory set switch signal/ ON or OFF	ON: Memory set switch is ON OFF: Memory set switch is OFF

OK:
On the tester screen, each item should change between ON and OFF according to the above chart.
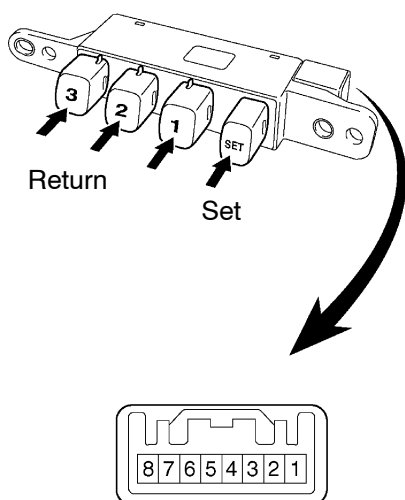
NG >	Go to step 2

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05–2281)

2	INSPECT DRIVING POSITION MEMORY SWITCH

Return

Set

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(a) Remove the driving position memory switch.

(b) Measure the resistance.
Standard:

Tester Connection	Switch Condition	Specified Condition
2 – 6	SET switch ON	Below 1 Ω
3 – 6	Return switch 1 ON	Below 1 Ω
4 – 6	Return switch 2 ON	Below 1 Ω
5 – 6	Return switch 3 ON	Below 1 Ω

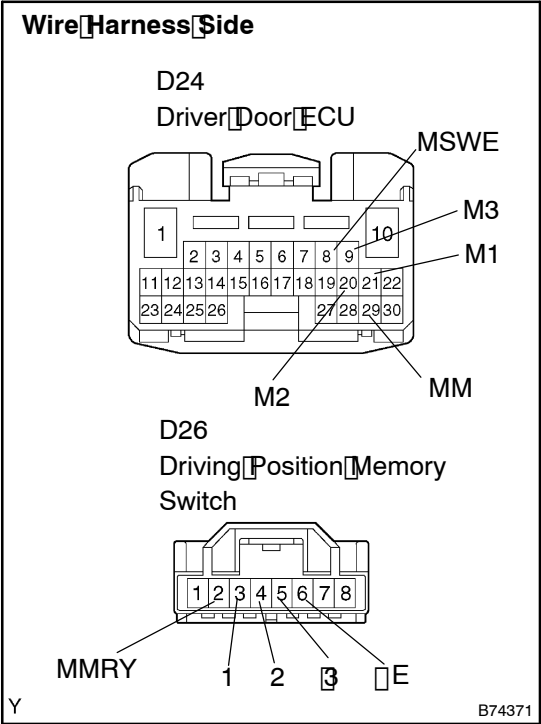| NG | REPLACE DRIVING POSITION MEMORY SWITCH |

OK

| 3 | CHECK WIRE HARNESS (DRIVER DOOR ECU – DRIVING POSITION MEMORY SWITCH) |

Wire Harness Side

D24
Driver Door ECU

MSWE
M3
M1
MM
M2

D26
Driving Position Memory
Switch

MMRY   1   2   3   E

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(a) Disconnect the D24 ECU and D26 switch connectors
(b) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
D24–29 (MM) – D26–2 (MMRY)	Below 1 Ω
D24–21 (M1) – D26–3 (1)	Below 1 Ω
D24–20 (M2) – D26–4 (2)	Below 1 Ω
D24–9 (M3) – D26–5 (3)	Below 1 Ω
D24–8 (MSWE) – D26–6 (E)	Below 1 Ω

| NG | REPAIR AND REPLACE HARNESS AND CONNECTOR |

OK

| PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE |