DTC	B2603	Tilt and Telescopic Manual Switch Circuit Mal- function
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DESCRIPTION

Different voltage values are input to the multiplex tilt and telescopic ECU by operating the manual switch. The multiplex tilt and telescopic ECU then judges which motor and in which direction that motor should be moved based on the voltage value.

DTC No.	Detection Item	Trouble Area
B2603	Abnormal voltage value, which is not within the specification, is input to the multiplex tilt and telescopic ECU when being operated by the manual switch.	 Tilt and telescopic manual switch Tilt and telescopic manual switch circuit Multiplex tilt and telescopic ECU

WIRING DIAGRAM

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1	READ VALUE OF INTELLIGENT TESTER			
	ON Tilt Up Telescopic Extend Contract (Short) Tilt Down	(a) (b) (c) (d)	Connect the intelligent tes Turn the ignition switch to the intelligent tester. Select "T & T MANUAL SV Read voltages on the test manual switch. Voltage	ter to the DLC3. the ON position and turn on W" from the DATA LIST. er screen when operating the
	Intelligent Tester		Manual switch position	Specified value
				D I 0.01/

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Manual switch position	Specified value
Neutral	Below 0.2 V
Tilt up	1.67 to 2.13 V
Tilt down	0.54 to 0.74 V

SF

Manual switch position	Specified value
Telescopic contract	1.08 to 1.40 V
Telescopic extend	2.22 to 2.77 V

Result

Proceed to	Result
A	Switch voltages in all directions are within the standard.
В	Switch voltages in certain directions are outside the standard.
С	Switch voltages in all directions are outside the standard.



CHECK HARNESS AND CONNECTOR (TILT AND TELESCOPIC ECU - TILT AND TELESCOPIC SWITCH)

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- dimmer switch assembly.
- (c) Measure the resistance according to the value(s) in the table below.

Resistance	
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Tester connection (Terminal No.)	Condition	Specified value
VC (T4-4) - VC (C10-8)	Always	Below 1 Ω
MSW (T4-3) - MSW (C10-10)	Always	Below 1 Ω
VC (C10-8) - Body ground	Always	10 k Ω or higher
MSW (C10-10) - Body ground	Always	10 k Ω or higher

REPAIR OR REPLACE HARNESS OR CONNECTOR

2

С

OK

Multiplex Tilt and Telescopic ECU:

Headlight Dimmer Switch Assembly:

VC

MSW



SR-27



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ASSEMBLY

REPLACE HEADLIGHT DIMMER SWITCH

OK

REPLACE MULTIPLEX TILT AND TELESCOPIC ECU