

MIRROR SWITCH CIRCUIT

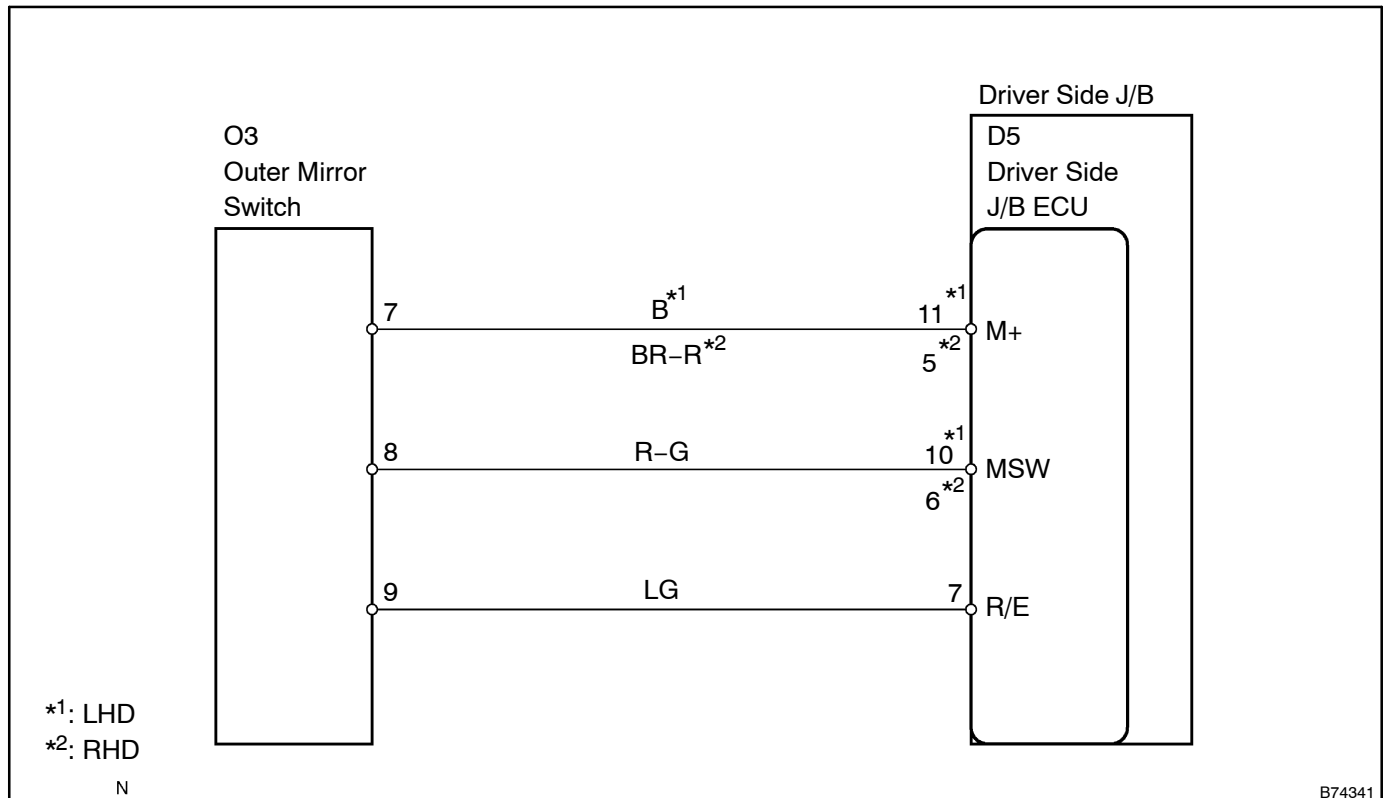
CIRCUIT DESCRIPTION

This circuit detects the conditions of the mirror master switch and the mirror control switch.

The operating condition of the mirror switch is input by the driver side J/B ECU and the input signals are sent to the driver door ECU or the passenger ECU.

Mirror adjustment is controlled by the driver door ECU or the passenger door ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 READ VALUE OF INTELLIGENT TESTER

- (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's side J/B ECU:

Item	Measurement Item/ Display (Range)	Normal Condition
MirrSelSWL	Mirror master switch signal for LH mirror/ ON or OFF	ON: Switch is in left position OFF: Switch is in original or right position
MirrSelSWR	Mirror master switch signal for RH mirror/ ON or OFF	ON: Switch is in right position OFF: Switch is in original or left position
MirrPosSWL	Mirror control switch signal (Left)/ ON or OFF	ON: Switch L is ON OFF: Any switch except L is ON or all switches are OFF
MirrPosSWR	Mirror control switch signal (Right)/ ON or OFF	ON: Switch R is ON OFF: Any switch except R is ON or all switches are OFF
MirrPosSWUp	Mirror control switch signal (Up)/ ON or OFF	ON: Switch UP is ON OFF: Any switch except UP is ON or all switches are OFF
MirrPosSWDwn	Mirror control switch signal (Down)/ ON or OFF	ON: Switch DOWN is ON OFF: Any switch except DOWN is ON or all switches are OFF

OK:

On the tester screen, each item should change between ON and OFF according to the above chart.

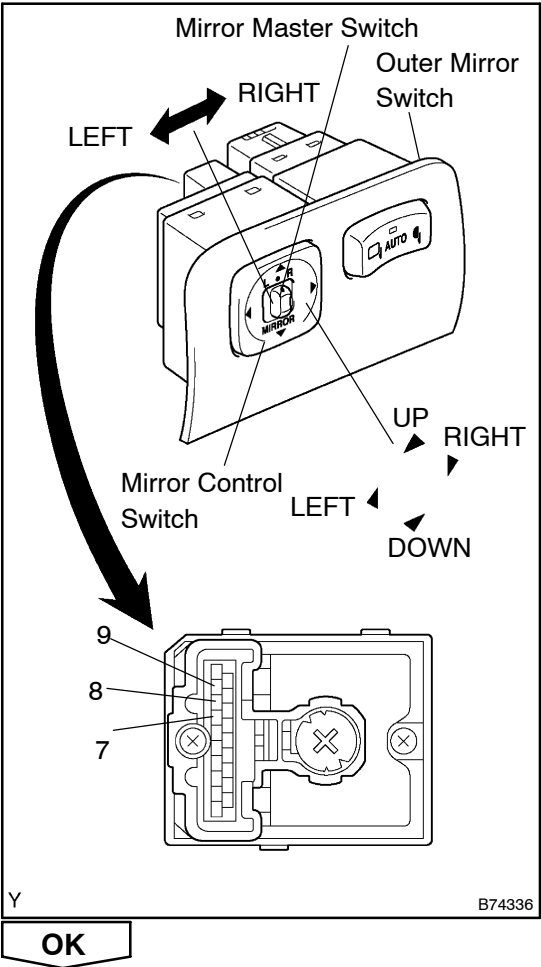
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Go to step 2

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE
 (See page 05-2080)

2 INSPECT MIRROR MASTER SWITCH AND MIRROR CONTROL SWITCH



- (a) Measure the resistance between each terminal of the mirror master switch and mirror control switch.

Standard:

Mirror master switch

Tester Condition	Switch Condition	Specified Condition
8 – 9	LEFT	100 Ω
8 – 9	RIGHT	0

Mirror control switch

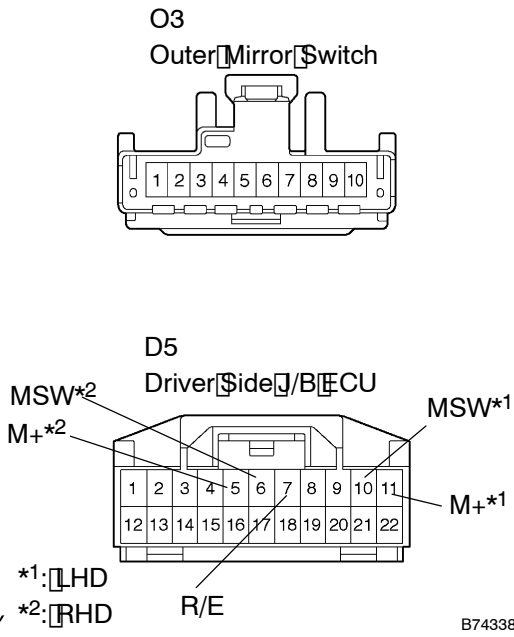
Tester Condition	Switch Condition	Specified Condition
7 – 9	UP	Approx. 100 Ω
7 – 9	RIGHT	250 Ω
7 – 9	DOWN	470 Ω
7 – 9	LEFT	800 Ω

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REPLACE OUTER MIRROR SWITCH

3 CHECK WIRE HARNESS
(OUTER MIRROR SWITCH - DRIVER SIDE J/B ECU)

Wire Harness Side



- (a) Disconnect the O3 switch and D6 ECU connectors.
(b) Measure the resistance of the wire harness side connectors.

Standard:

LHD models

Tester Connection	Specified Condition
O3-7 - D5-11 (M+)	Below 1 Ω
O3-8 - D5-10 (MSW)	Below 1 Ω
O3-9 - D5-7 (R/E)	Below 1 Ω
O3-7 - Body ground	10 kΩ or higher
O3-8 - Body ground	10 kΩ or higher

RHD models

Tester Connection	Specified Condition
O3-7 - D5-5 (M+)	Below 1 Ω
O3-8 - D5-6 (MSW)	Below 1 Ω
O3-9 - D5-7 (R/E)	Below 1 Ω
O3-7 - Body ground	10 kΩ or higher
O3-8 - Body ground	10 kΩ or higher

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REPLACE OUTER MIRROR SWITCH

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE
(See page 05-2080)