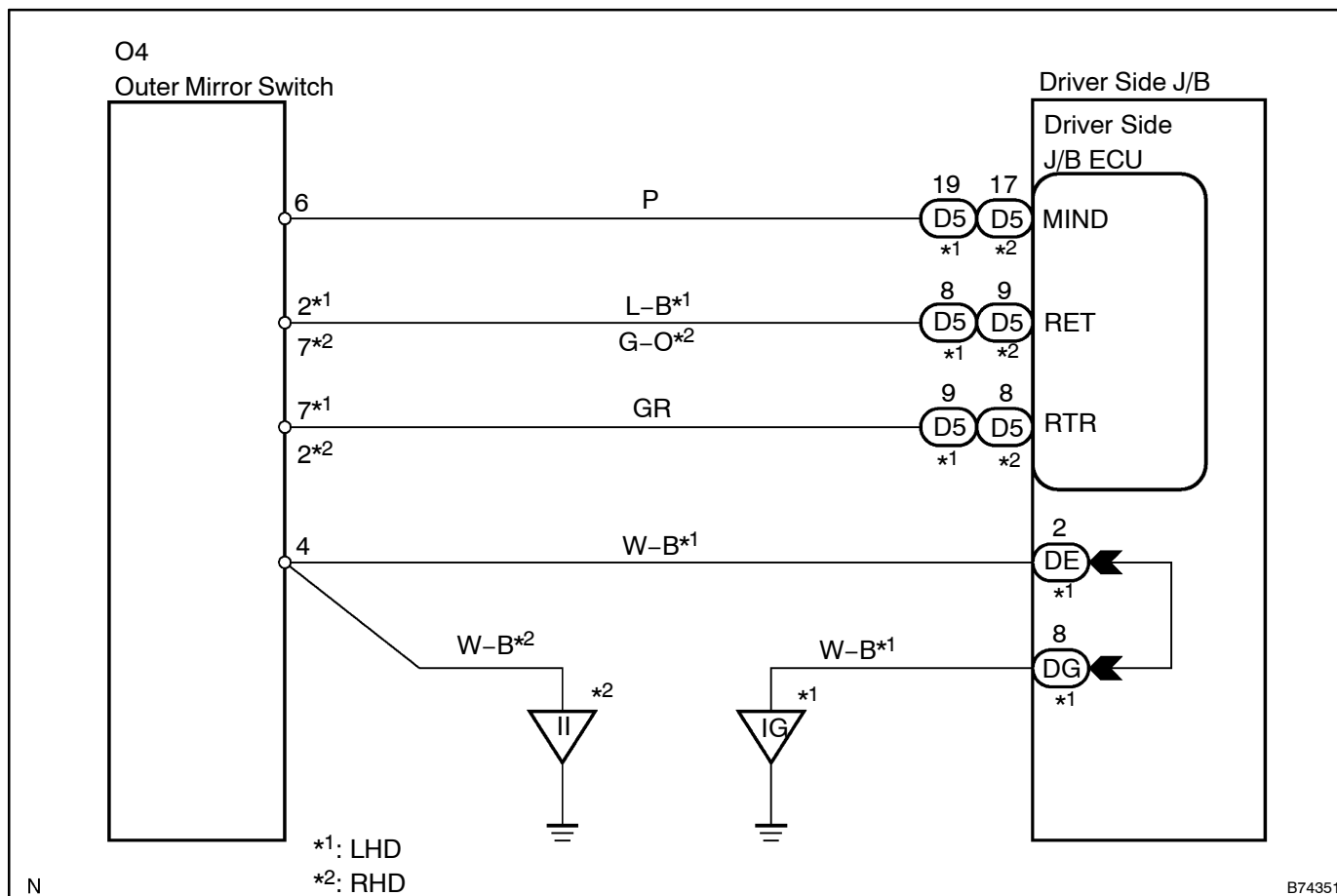# MIRROR RETRACT SWITCH CIRCUIT

CIRCUIT DESCRIPTION

This circuit detects the conditions of the mirror retract switch.

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

WIRING DIAGRAM

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 side J/B ECU:

| Item	Measurement Item/ Display (Range)	Normal condition
Mirr Fold SW	Mirror retract switch signal ON or OFF	ON: Switch is ON OFF: Switch is OFF
Mirr Retrn SW	Mirror return switch signal ON or OFF	ON: Switch is ON OFF: 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 05–2080)

2	INSPECT MIRROR RETRACT SWITCH

Outer Mirror Switch

Retract

Return

Mirror Retract Switch

8 7 6 5 4 3 2 1

Y   B74337
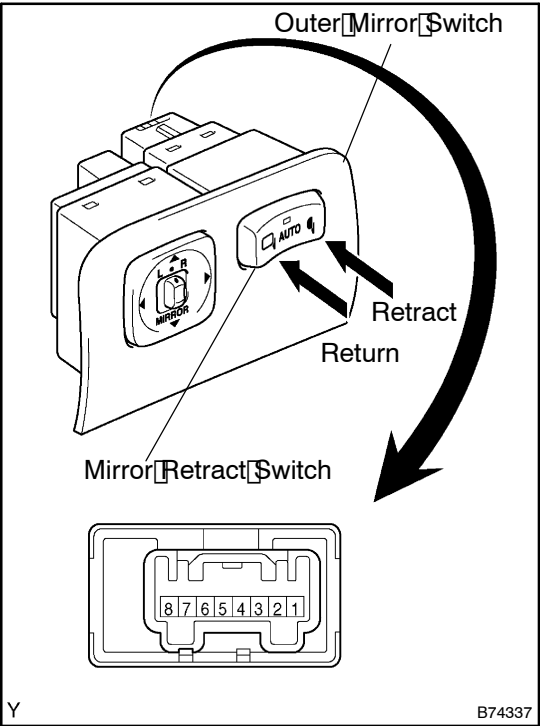
(a) Measure the resistance between each terminal of the mirror retract switch.

Standard:

Tester Connection	Switch Condition	Specified Condition
7 – 4	RETURN	Below 1 Ω
2 – 4	RETRACT	Below 1 Ω

NG >	REPLACE OUTER MIRROR SWITCH

OK

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

Wire Harness Side

O4
Outer Mirror Switch

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

D5
Driver Side J/B ECU

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
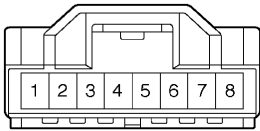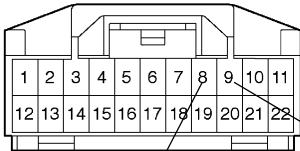
RTR*1
RET*2

RET*1
RTR*2

*1: LHD
*2: RHD

Y   B74339

(a) Disconnect the O4 switch and D5 ECU connectors.

(b) Measure the resistance of the wire harness side connectors.

Standard:

LHD models

Tester Connection	Specified Condition
O4−2 – D5−8 (RET)	Below 1 Ω
O4−7 – D5−9 (RTR)	Below 1 Ω
O4−4 – Body ground	Below 1 Ω

RHD models

Tester Connection	Specified Condition
O4−7 – D5−9 (RET)	Below 1 Ω
O4−2 – D5−8 (RTR)	Below 1 Ω
O4−4 – Body ground	Below 1 Ω

NG ▷ **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

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