

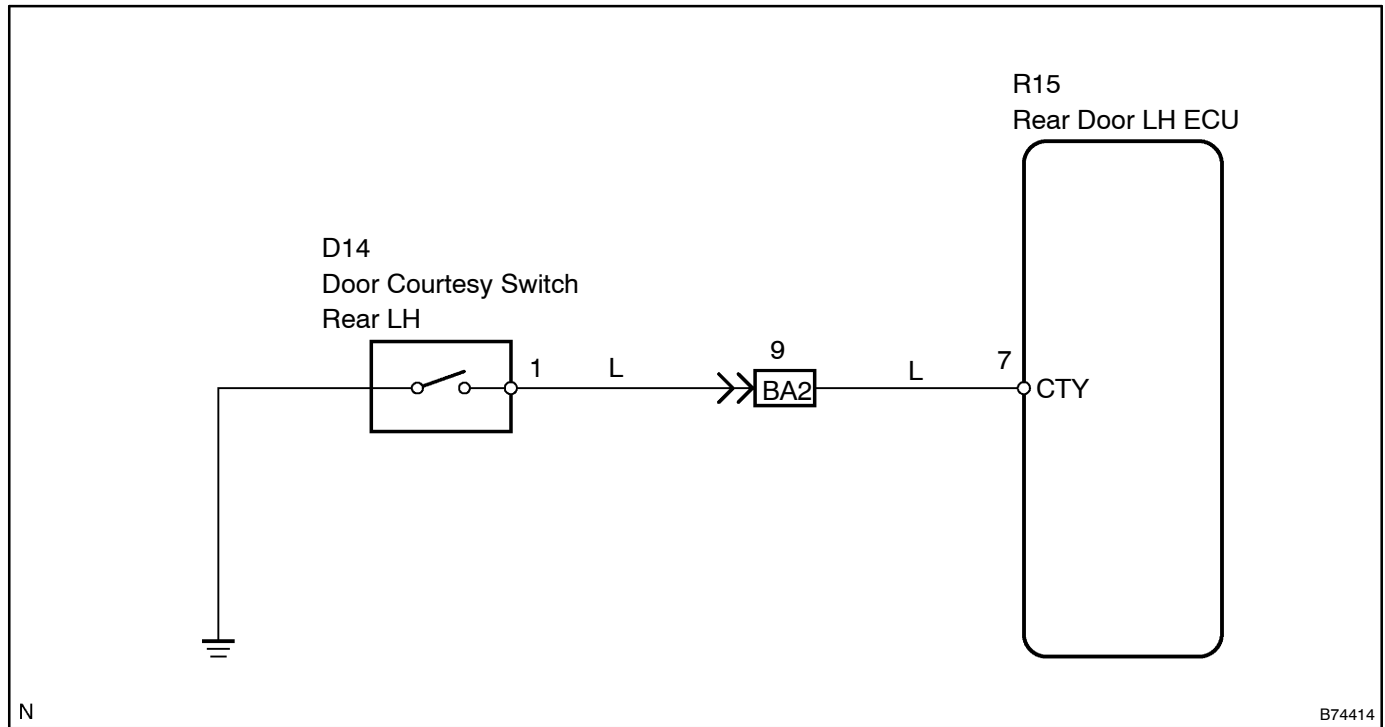
## DOOR COURTESY SWITCH CIRCUIT (LH)

### CIRCUIT DESCRIPTION

The door courtesy light turns on when the door is open and turns off when the door is closed.

The rear door LH ECU detects the condition of the door courtesy switch and sends the information to each ECU via the multiplex communication circuit.

### 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 push the intelligent tester II main switch ON.
- (c) Select the item below in the DATA LIST and read the display on the intelligent tester II.

**Rear door LH ECU:**

Item	Measurement Item/ Display (Range)	Normal Condition
Courtesy SW	Rear door courtesy switch signal/ ON or OFF	ON: Rear door is open OFF: Rear door is closed

**OK:**

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

NG

Go to step 2

OK

Go to step 5

### 2 CHECK OPERATION OF DOOR COURTESY SWITCH REAR LH

- (a) Check that the door courtesy light turns on when the door is open, and turns off when closed.

**OK:**

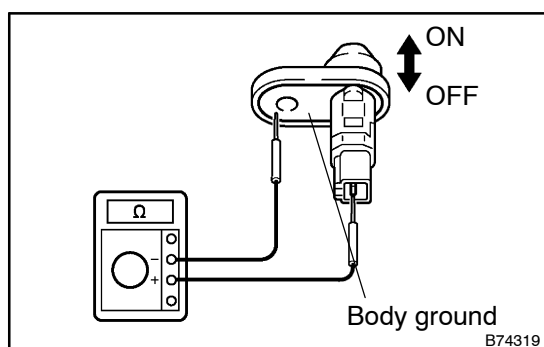
Operates normally.

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REPLACE REAR DOOR LH ECU

OK

### 3 INSPECT DOOR COURTESY SWITCH REAR LH



- (a) Remove the door courtesy switch LH.
- (b) Measure the resistance of the door courtesy switch LH.

**Standard:**

Tester Connection	Switch Condition	Specified Condition
1 – Body ground	ON (Switch pin released)	Below 1 $\Omega$
1 – Body ground	OFF (Switch pin pushed)	10 k $\Omega$ or higher

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REPLACE DOOR COURTESY SWITCH LH

OK

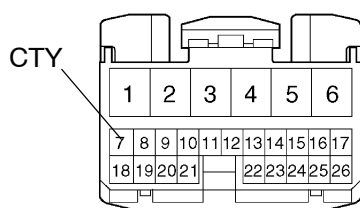
#### 4 CHECK WIRE HARNESS (DOOR COURTESY SWITCH REAR LH - REAR DOOR LH ECU)

##### Wire Harness Side

D14  
Door Courtesy  
Switch Rear LH



R15  
Rear Door LH ECU



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B74398

- (a) Disconnect the D14 switch and R15 ECU connectors.  
(b) Measure the resistance of the wire harness side connectors.

##### Standard:

Tester Connection	Specified Condition
D14-1 - R15-7 (CTY)	Below 1 Ω

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REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

#### 5 READ VALUE OF INTELLIGENT TESTER

- (a) Connect the Intelligent Tester II to the DLC3.  
(b) Turn the Ignition switch ON and push the Intelligent Tester II main switch ON.  
(c) Select the item below in the DATA LIST and read the displays on the Intelligent Tester II.

##### Rear LH seat ECU:

Item	Measurement Item/Display (Range)	Normal Condition
Courtesy SW	Rear door courtesy switch signal/ ON or OFF	ON: Rear door is open OFF: Rear door is closed

OK:

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

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REPLACE REAR LH SEAT ECU

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE  
(See page 05-2340)