ON-VEHICLE INSPECTION

1. CHECK POWER MIRROR SWITCH OPERATION

(a) Remote control

The mirror adjust switch can control the adjustment axis of the mirror surface.

(b) Reverse-linked

This function tilts the mirror surface downward to improve the visibility when driving in reverse, provided that all the conditions given below have been met.

- Ignition switch to the on position.
- Shift lever is moved to "R".

2. CHECK MEMORY SWITCH OPERATION

(a) Memory

Memorizes the positions when all conditions below have been met and the 1 or 2 button is pushed while the "SET" button is pushed.

- Ignition switch to the on position.
- Shift position is P.

When the memory setting is completed, the buzzer will sound for 0.5 seconds.

(b) Recall

If the button 1 or 2 is pressed when all conditions have been met, it recalls the positions.

- Ignition switch to the on position.
- Shift position is P.

If the button 1 or 2 is pressed when all conditions have been met and within 30 seconds, it recalls the positions.

- Ignition switch to the on position.
- Driver door is opened.

Door Mirror Foot Light Circuit

DESCRIPTION

When the outer mirror control ECU receives the signal(s) from the body ECU through BEAN communication, it illuminates the foot light. The foot light is installed on the bottom of the outer rear view mirror and comes on or does off according to the following conditions.

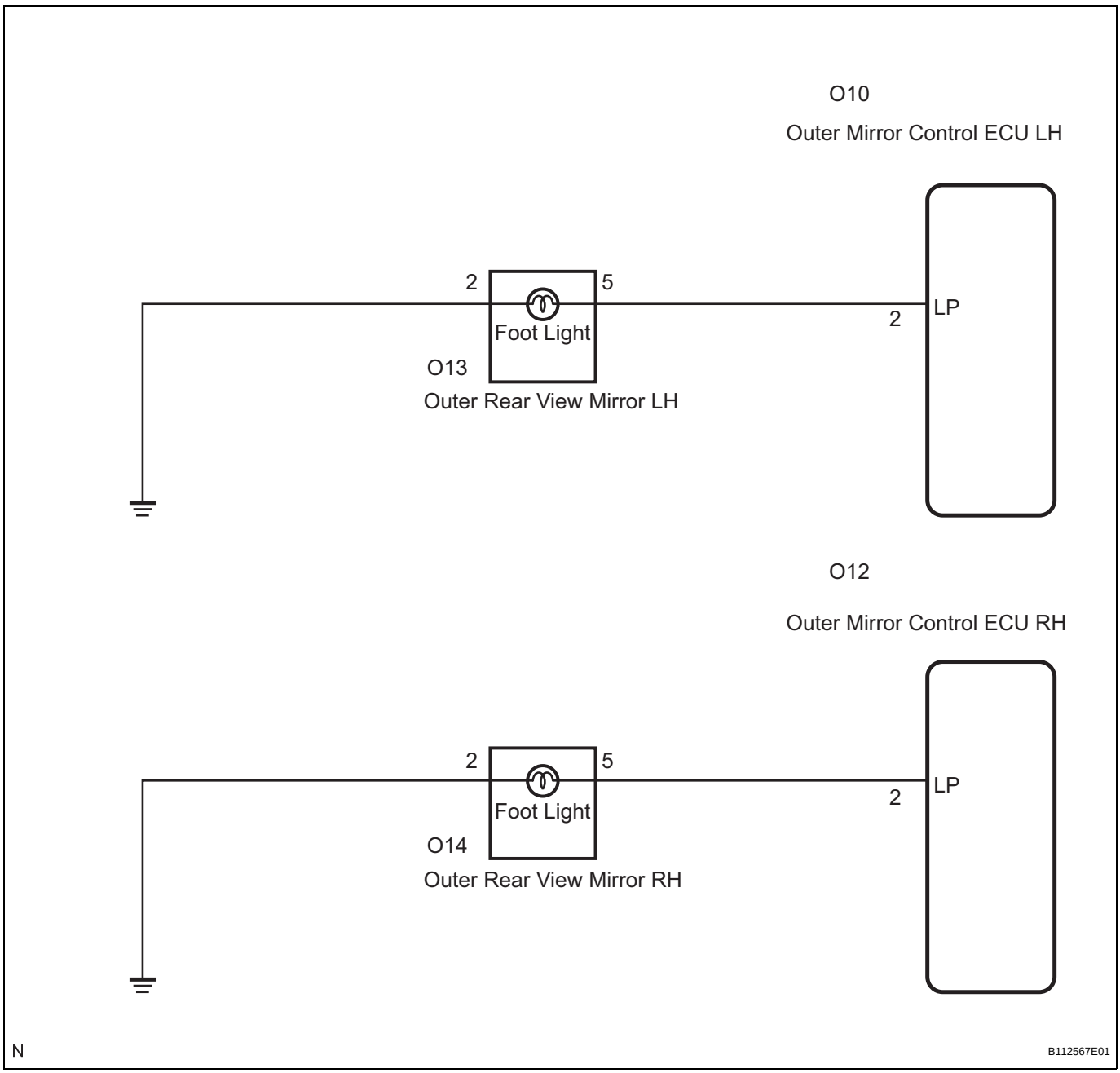
The light comes on when:

– Doors are unlocked by wireless operation.
– The driver's door is manually unlocked with the shift lever is in the P position or the ignition off. (Both driver's and passenger's side come on.)

The light goes off when:

– Doors are locked by wireless operation.
– Doors are locked by the mechanical key.
– The setting time has elapsed after the light come on.
– The setting time has elapsed after the driver's or passenger's door is closed while the light is on.
– The ignition is off and the shift lever is in any position other than P.
– Doors are locked or unlocked by interlock operation or manual switch.

WIRING DIAGRAM



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1	PERFORM ACTIVE TEST BY INTELLIGENT TESTER

(a) Connect the intelligent tester to the DLC3.
(b) Ignition switch on.
(c) Enter the following menus: DIAGNOSIS / ENHANCED OBD II / ACTIVE TEST.
(d) Select the ACTIVE TEST, use the intelligent tester to issue a control command, and then check that the outer rear view mirrors.

MIRROR-L/MIRROR-R

Item	Test Details
FOOT LIGHT	Foot light illumination operation

OK:
Outer mirror foot light is light up.

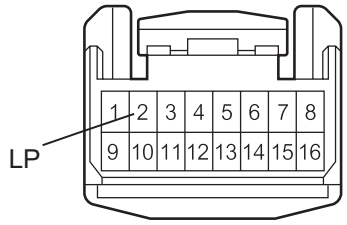
OK → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**

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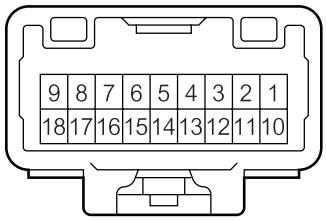
2 CHECK HARNESS AND CONNECTOR (OUTER MIRROR CONTROL ECU - OUTER REAR VIEW MIRROR)

Connector Front View:

O10
O12
Outer Mirror Control ECU



O13
O14
Outer Rear View Mirror



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(a) Disconnect the O10 or O12 ECU connector.
(b) Disconnect the O13 or O14 mirror connector.
(c) Measure the resistance according to the value(s) in the table below.

Resistance

Terminals No. (Symbols)	Condition	Specified Condition
O10-2 (LP) - O13-5 (*1)	Always	Below 1 Ω
O12-2 (LP) - O14-5 (*2)	Always	Below 1 Ω
O10-2 (LP) - Body ground (*1)	Always	10 kΩ or higher
O12-2 (LP) - Body ground (*2)	Always	10 kΩ or higher

*1: LH side
*2: RH side

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

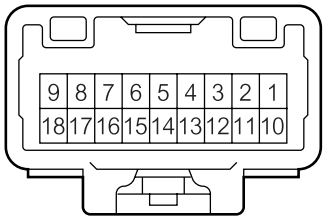
OK

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3	CHECK HARNESS AND CONNECTOR (OUTER REAR VIEW MIRROR - BODY GROUND)

Connectro Front Voew:

O13
O14
Outer Rear View Mirror



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(a) Measure the resistance according to the value(s) in the table below.

Resistance

Terminals No.	Condition	Specified Condition
O13-2 - Body ground(*1)	Always	Below 1 Ω
O14-2 - Body ground (*2)	Always	Below 1 Ω

*1: LH side
*2: RH side

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE