

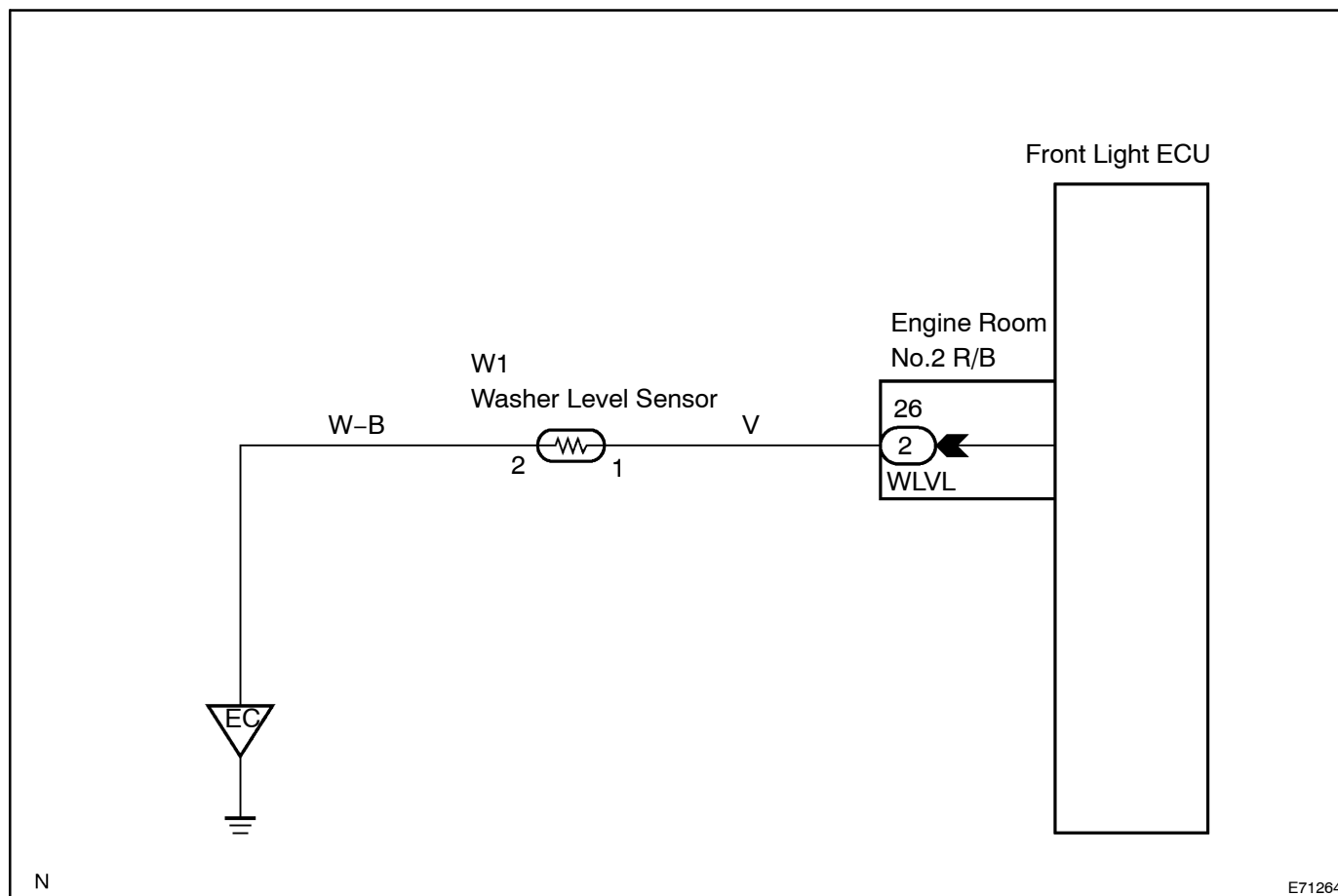
## WASHER FLUID LEVEL WARNING SWITCH CIRCUIT

### CIRCUIT DESCRIPTION

The front light ECU receives washer fluid level sensor information, and sends it through the multiplex communication circuit to the combination meter.

The combination meter receives this information, and turns on the washer fluid level warning when the washer fluid becomes low.

### WIRING DIAGRAM



## INSPECTION PROCEDURE

**1 READ VALUE OF INTELLIGENT TESTER**

- (a) Connect the Intelligent Tester II to the DLC3.  
 (b) Turn the Ignition switch to the ON position and turn 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.

**BODY NO.5 (MULTIPLEX NETWORK FRONT LAMP ECU):**

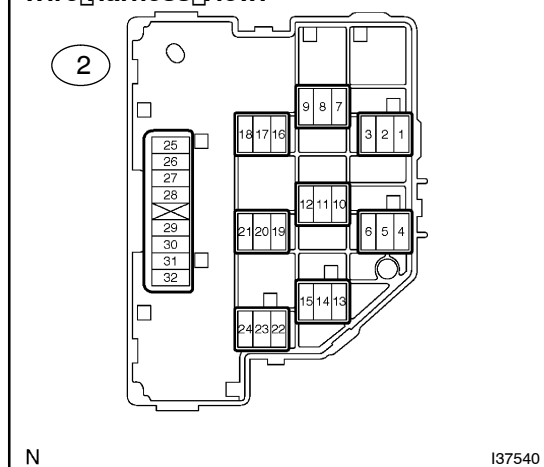
Item	Measurement Item/ Display (Range)	Normal Condition	Diagnostic Note
Washer Level Switch	Washer Level Switch/ ON or OFF	ON: Washer fluid is empty OFF: Washer fluid is full	-

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Go to step 2

OK

**PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**  
 (SEE PAGE 05-1582)

**2 CHECK HARNESS AND CONNECTOR (WASHER LEVEL SENSOR CIRCUIT)****Engine Room No.2 R/B  
Wire Harness View:**

- (a) Disconnect the connector from the engine room No.2 relay block.  
 (b) Measure the resistance according to the value(s) in the table below.

**Standard:**

Tester Connection	Condition	Specified Condition
2-26 - Body Ground	Washer fluid is full	10 kΩ or higher
2-26 - Body Ground	Washer fluid is empty	Below 1 Ω

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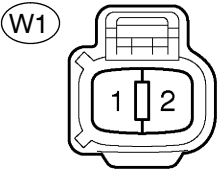
Go to step 3

OK

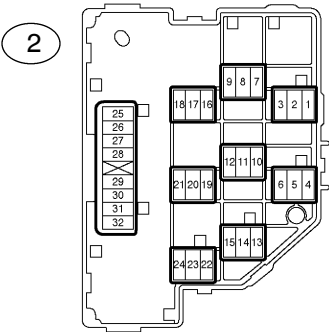
**PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**  
 (SEE PAGE 05-1582)

3 CHECK HARNESS AND CONNECTOR

Washer Level Sensor  
Wire Harness View:



Engine Room No.2 R/B  
Wire Harness View:



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- (a) Disconnect the connector from the washer level sensor.
- (b) Measure the resistance according to the value(s) in table below.

Standard:

Tester connection	Condition	Specified condition
W1-1 - 2-26	Always	Below 1 $\Omega$
W1-1 - Body ground	Always	10 k $\Omega$ or higher
W1-2 - Body ground	Always	Below 1 $\Omega$

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REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE LEVEL WARNING SWITCH ASSY