

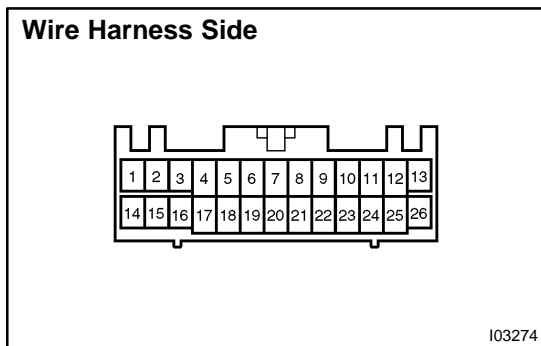
INSPECTION

1. INSPECT HEADLIGHT BEAM LEVEL CONTROL ACTUATOR RESISTANCE

- (a) Check that continuity exists between terminal 2 and 5.
- (b) Check that resistance exists between terminal, as shown in the chart.

Terminal	Resistance (Ω)
2 - 1	26 - 30
2 - 3	26 - 30
2 - 4	26 - 30
2 - 6	26 - 30
5 - 1	26 - 30
5 - 3	26 - 30
5 - 4	26 - 30
5 - 6	26 - 30

If resistance value is not as specified, replace the actuator.



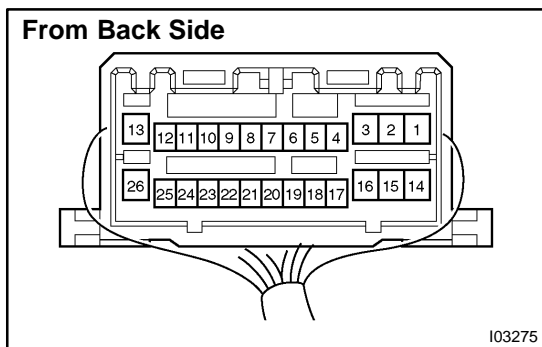
2. INSPECT HEADLIGHT BEAM LEVEL CONTROL ECU CIRCUIT

Connector disconnected:

Disconnect the connector from the ECU and inspect the connector on the wire harness side, as shown.

Tester connection	Condition	Specified condition
1 - 4	Ignition switch OFF	26 - 30 Ω
1 - 5	Ignition switch OFF	26 - 30 Ω
1 - 6	Ignition switch OFF	26 - 30 Ω
1 - 7	Ignition switch OFF	26 - 30 Ω
1 - 17	Ignition switch OFF	26 - 30 Ω
1 - 18	Ignition switch OFF	26 - 30 Ω
1 - 19	Ignition switch OFF	26 - 30 Ω
1 - 20	Ignition switch OFF	26 - 30 Ω
10 - 25	Ignition switch OFF	Continuity
21 - 25	Ignition switch OFF	Continuity
24 - 25	Ignition switch OFF	Continuity
13 - Ground	Ignition switch OFF	Continuity
26 - Ground	Ignition switch OFF	Continuity

If circuit is not as specified, perform the inspection on the following page.



3. INSPECT HEADLIGHT BEAM LEVEL CONTROL ECU CIRCUIT

Connector connected:

Connect the connector from the ECU and inspect the connector on the back side, as shown in the chart.

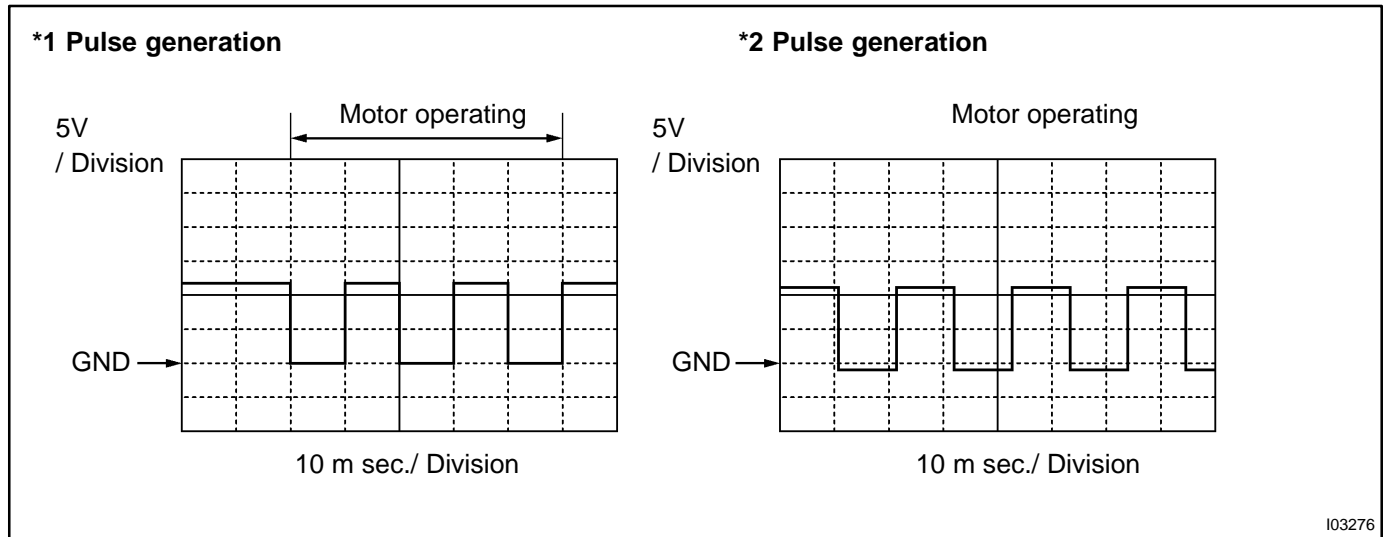
Tester connection	Condition	Specified condition
1 - 13	Ignition switch ON	Battery positive voltage
4 - 13, 26	Ignition switch ON, when keep and bounce the vehicle	*1 Pulse generation
5 - 13, 26	Ignition switch ON, when keep and bounce the vehicle	*1 Pulse generation
6 - 13, 26	Ignition switch ON, when keep and bounce the vehicle	*1 Pulse generation
7 - 13, 26	Ignition switch ON, when keep and bounce the vehicle	*1 Pulse generation
10 - 25	Ignition switch ON	Approx. 2.5 V
12 - 13	Ignition switch ON	No continuity
26 - Body ground	Ignition switch OFF	Continuity (w/ Electrical modulated air suspension)
13 - 15	Ignition switch ON and light control switch HEAD	Below 1.5 V
17 - 13, 26	Ignition switch ON, when keep and bounce the vehicle	*1 Pulse generation
18 - 13, 26	Ignition switch ON, when keep and bounce the vehicle	*1 Pulse generation
19 - 13, 26	Ignition switch ON, when keep and bounce the vehicle	*1 Pulse generation
20 - 13, 26	Ignition switch ON, when keep and bounce the vehicle	*1 Pulse generation
21 - 25	Ignition switch ON	Approx. 2.5 V
13 - 22		*2 Pulse generation
13 - 23		*2 Pulse generation
24 - 25	Ignition switch ON	5 V
13 - 25	Ignition switch OFF	Continuity
13 - Body ground	Ignition switch OFF	Continuity

If the circuit is not as specified, replace the ECU.

Reference INSPECTION USING OSCILLOSCOPE

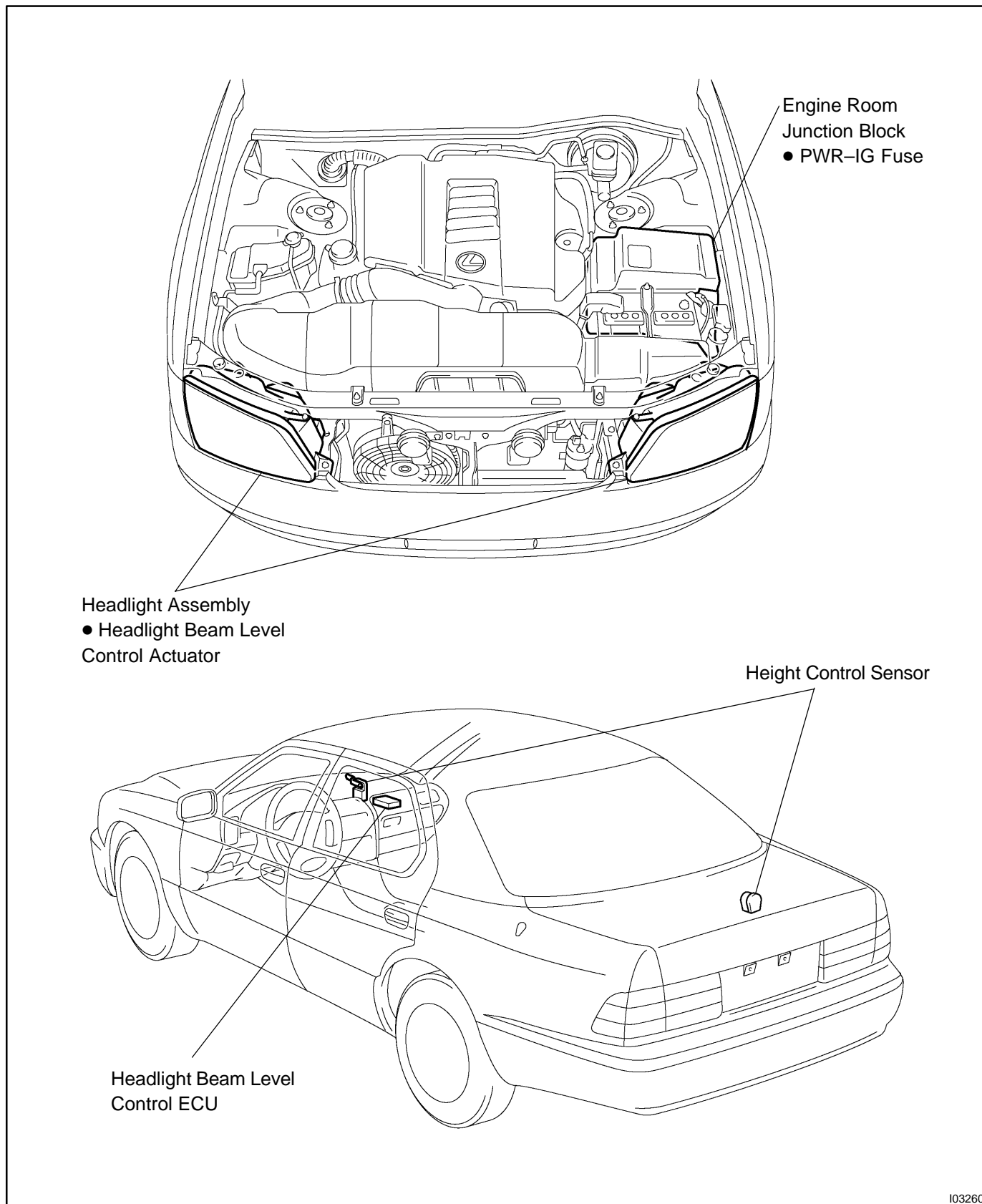
HINT:

The correct waveform is as shown in the illustration.



HEADLIGHT BEAM LEVEL CONTROL SYSTEM LOCATION

BE0BH-01



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