

INSPECTION

1. INSPECT HEADLIGHT BEAM LEVEL CONTROL AC-TUATOR RESISTANCE

BE0BI-04

- (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. Connector disconnected: INSPECT HEADLIGHT BEAM LEVEL CONTROL ECU CIRCUIT

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

Tester connection	Condition	Specified condition
1 - 13	Ignition switch OFF	26 - 30 Ω
1 - 15	Ignition switch OFF	26 - 30 Ω
1 - 14	Ignition switch OFF	26 - 30 Ω
1 - 16	Ignition switch OFF	26 - 30 Ω
1 - 4	Ignition switch OFF	26 - 30 Ω
1 - 2	Ignition switch OFF	26 - 30 Ω
1 - 12	Ignition switch OFF	26 - 30 Ω
1 - 3	Ignition switch OFF	26 - 30 Ω
6 - 10	Ignition switch OFF	Continuity
7 - 11	Ignition switch OFF	Continuity
10 - 17	Ignition switch OFF	Continuity
5 - 11	Ignition switch OFF	Continuity
20 - Ground	Ignition switch OFF	Continuity

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



3. Connector connected: INSPECT HEADLIGHT BEAM LEVEL CONTROL ECU CIRCUIT

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 - 20	Ignition switch ON	Battery positive voltage
13 - 20	Ignition switch ON, when keep and bounce the vehicle	*1 Pulse generation
15 - 20	Ignition switch ON, when keep and bounce the vehicle	*1 Pulse generation
14 - 20	Ignition switch ON, when keep and bounce the vehicle	*1 Pulse generation
16 - 20	Ignition switch ON, when keep and bounce the vehicle	*1 Pulse generation
10 - 17	Ignition switch ON	Approx. 2.5 V
18 - 20	Ignition switch ON	No continuity
4 - 20	Ignition switch ON, when keep and bounce the vehicle	*1 Pulse generation
2 - 20	Ignition switch ON, when keep and bounce the vehicle	*1 Pulse generation
12 - 20	Ignition switch ON, when keep and bounce the vehicle	*1 Pulse generation
3 - 20	Ignition switch ON, when keep and bounce the vehicle	*1 Pulse generation
5 - 11	Ignition switch ON	Approx. 2.5 V
11 - 20	Ignition switch OFF	Continuity
10 - 17	Ignition switch OFF	Continuity
6 - 10	Ignition switch ON	5 V
7 - 11	Ignition switch ON	5 V
10 - 20	Ignition switch OFF	Continuity
20 - 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.

