

DIAGNOSTIC TROUBLE CODE CHART

If a malfunction code is displayed during the DTC check, check the suspected area listed for that code in the table below, and proceed to the appropriate page.

Lighting system

DTC No.	Detection Item	Suspected Area	See page
B1244	Light Sensor Circuit Malfunction	1. Automatic light control sensor 2. Harness or connector 3. Instrument panel J/B assembly	LI-39
B2410	Headlight Swivel ECU LH Communication Malfunction	1. Headlight swivel ECU LH 2. Harness or connector 3. AFS ECU	LI-41
B2411	Headlight Swivel ECU RH Communication Malfunction	1. Headlight swivel ECU RH 2. Harness or connector 3. AFS ECU	LI-41
B2412	Headlight Swivel Motor LH Malfunction	1. Headlight swivel motor LH 2. Headlight swivel ECU LH 3. Harness or connector 4. AFS ECU	LI-50
B2413	Headlight Swivel Motor RH Malfunction	1. Headlight swivel motor RH 2. Headlight swivel ECU RH 3. Harness or connector 4. AFS ECU	LI-50
B2414	Steering Position Sensor Malfunction	1. Steering sensor 2. Harness or connector 3. AFS ECU	LI-56
B2415	Vehicle Speed Sensor Malfunction	1. Skid control ECU 2. Harness or connector 3. AFS ECU	LI-59
B2416	Height Control Sensor Malfunction	1. Suspension control ECU (w/ air suspension) 2. Height control sensor sub-assembly rear RH 3. Harness or connector 4. AFS ECU	LI-62
B2417	Headlight Beam Level Control Motor LH Malfunction	1. Headlight beam level control motor LH 2. Harness or connector 3. AFS ECU	LI-70
B2418	Headlight Beam Level Control Motor RH Malfunction	1. Headlight beam level control motor RH 2. Harness or connector 3. AFS ECU	LI-70
B2419	BEAN Communication Malfunction	1. Multiplex network body ECU 2. Multiplex communication system 3. Harness or connector 4. AFS ECU	LI-74
B2420	AFS ECU Malfunction	AFS ECU	LI-75
B2421	Steering Neutral Point Automatic Correction Incompletion	1. Steering sensor 2. Harness or connector 3. Skid control ECU 4. AFS ECU	LI-76
B2423	AFS ECU Installation Error	AFS ECU	LI-77

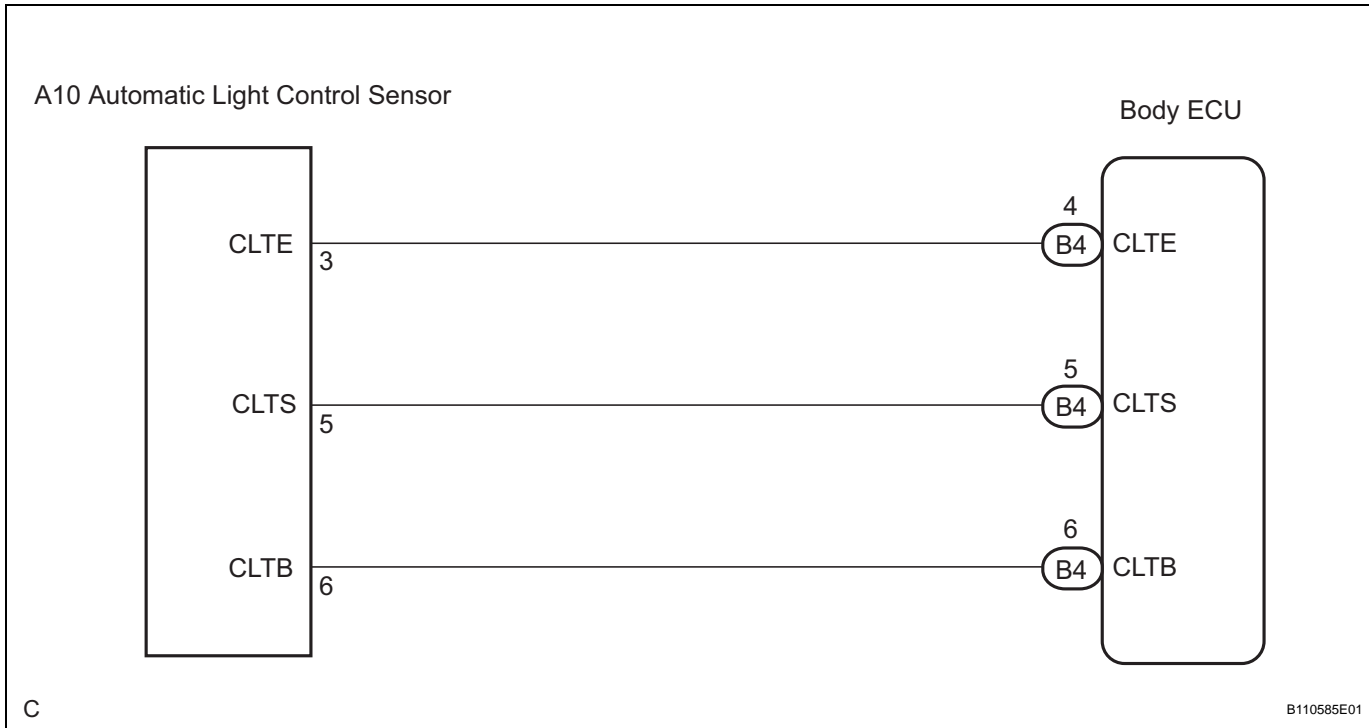
DTC	B1244	Light Sensor Circuit Malfunction
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DESCRIPTION

This DTC is output when failure in the light sensor circuit is detected.

DTC No.	DTC Detecting Condition	Trouble Area
B1244	<ul style="list-style-type: none"> • Malfunction of automatic light control sensor • Open or short of automatic light control sensor circuit 	<ul style="list-style-type: none"> • Automatic light control sensor • Harness or connector • Instrument panel junction block assembly

WIRING DIAGRAM



1	READ VALUE OF INTELLIGENT TESTER
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- (a) Connect the intelligent tester to the DLC3.
- (b) Turn the ignition switch to the ON position and press the intelligent tester main switch ON.
- (c) Select the items below in the DATA LIST, and read the displays on the intelligent tester.

BODY

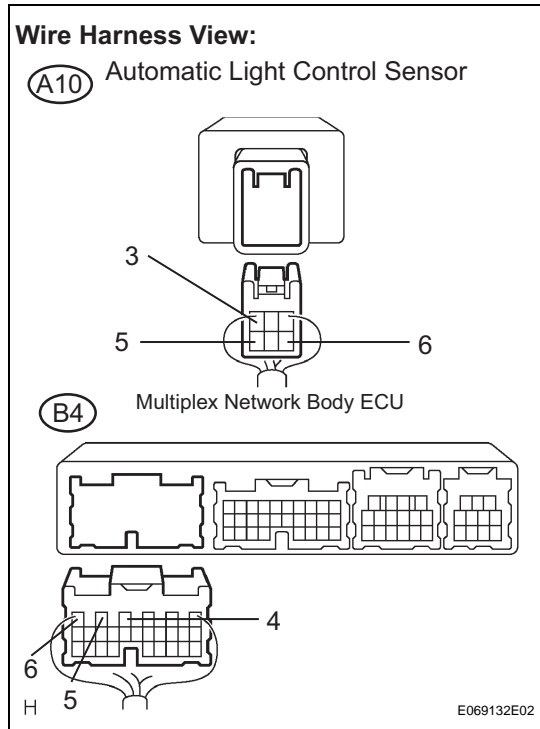
Item	Measurement Item/ Display (Range)	Normal Condition	Diagnostic Note
ILLUMINATE RATE	Illuminate rate/ON or OFF	ON: Illuminate rate ON OFF: Illuminate rate OFF	-

NG	Go to step 2
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OK

REPLACE INSTRUMENT PANEL JUNCTION BLOCK ASSEMBLY

2 CHECK HARNESS OR CONNECTOR (BODY ECU - AUTOMATIC LIGHT CONTROL SENSOR)



- (a) Disconnect the automatic light control sensor connector and body ECU connector.
- (b) Measure the resistance according to the value(s) in the table below.

Resistance

Tester connection	Condition	Specified Condition
CLTE (A10-3) - CLTE (B4-4)	Always	Below 1 Ω
CLTS (A10-5) - CLTS (B4-5)	Always	Below 1 Ω
CLTB (A10-6) - CLTB (B4-6)	Always	Below 1 Ω

NG REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

3 REPLACE AUTOMATIC LIGHT CONTROL SENSOR

- (a) Return to normal operation.

NG REPLACE INSTRUMENT PANEL JUNCTION BLOCK ASSEMBLY

OK

END

LI