

CIRCUIT INSPECTION

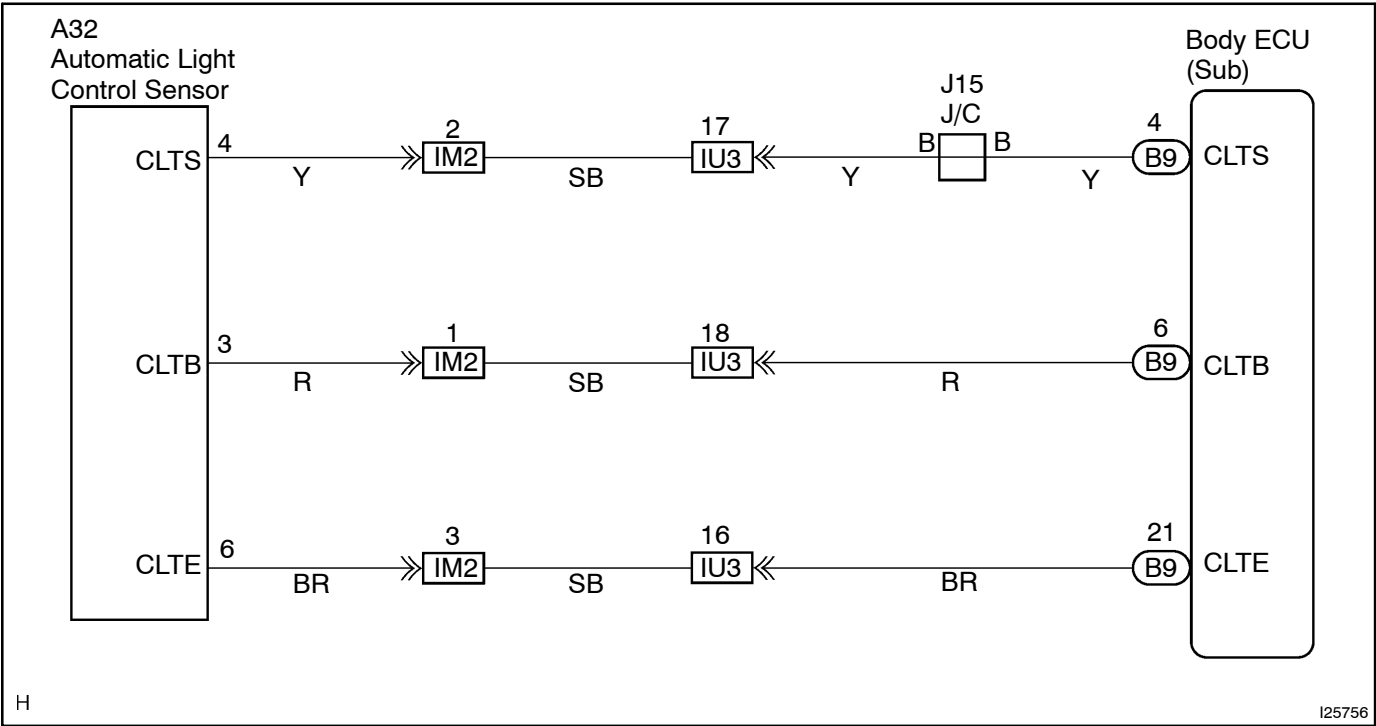
DTC	B1244	Light sensor circuit malfunction
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CIRCUIT DESCRIPTION

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

DTC No.	DTC Detecting Condition	Trouble Area
B1244	- Malfunction of light sensor - Open or short light sensor circuit	- Automatic light control sensor - Wire harness - Body ECU (Main)

WIRING DIAGRAM



INSPECTION PROCEDURE

HINT:

In case of using the LEXUS hand-held tester, start the inspection from step 1 and in case of not using the LEXUS hand-held tester, start from step 2.

1	Check automatic light control sensor.
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PREPARATION:

- (a) Connect the hand-held tester to the DLC3.
- (b) Turn ignition switch ON and hand-held tester main switch ON.

CHECK:

The value of the illumination rate should change in the following range when the light sensor is put in the light or covered by a hand

OK:

0.8 ms – 22.0 ms

HINT:

This is the time to be taken for the light sensor to generate one circle of frequency according to the brightness.

OK

Replace the Body ECU (Main).

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2	Check wire harness and connector between automatic light control sensor and Body ECU (Main) (See page IN-36).
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Repair or replace wire harness or connector.

OK

3	Check automatic light control sensor (See page BE-36).
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Replace the automatic light control sensor.

OK

Replace the Body ECU (Main).