

CIRCUIT INSPECTION

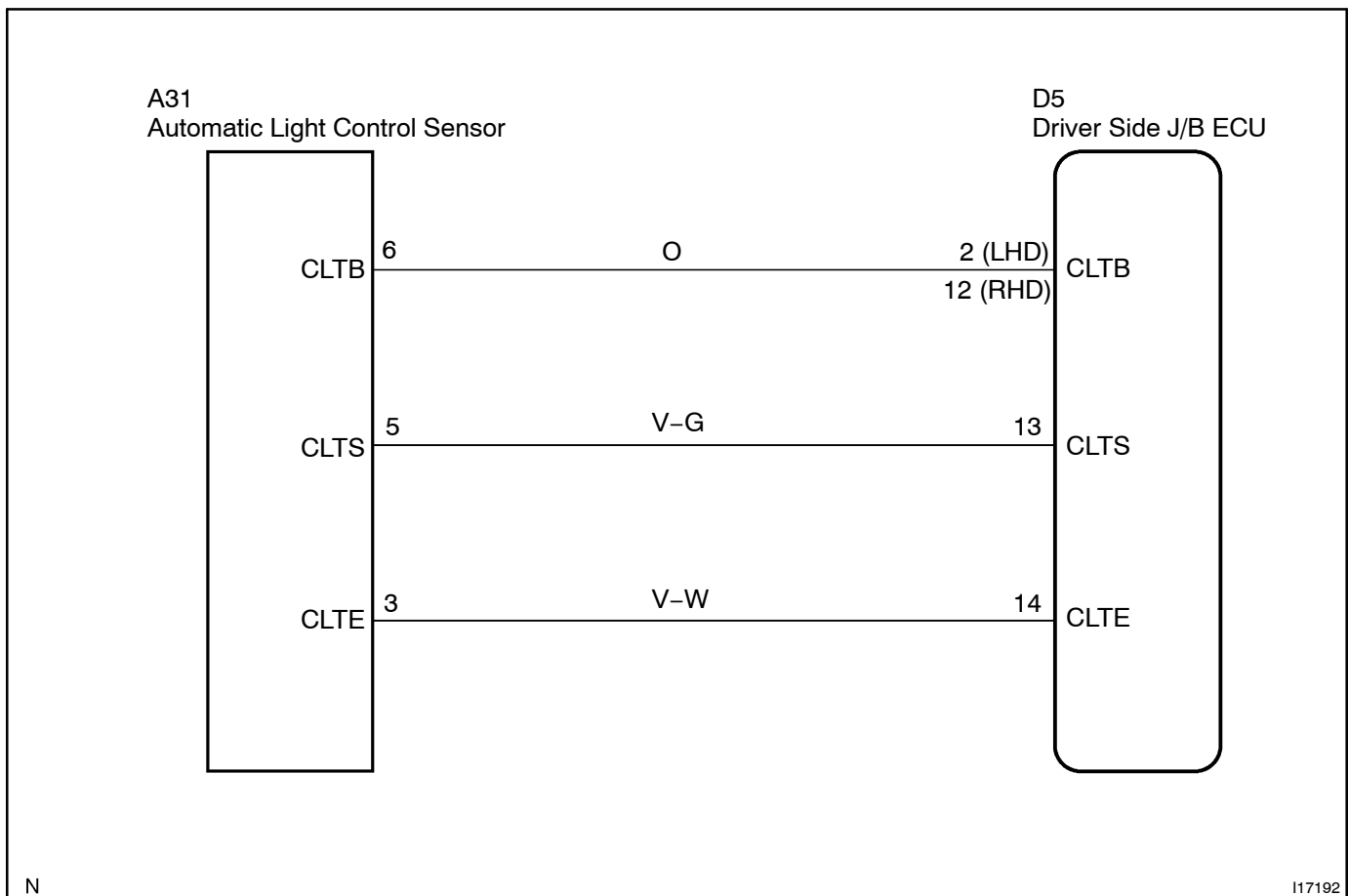
DTC	B1244	Light Sensor Circuit Malfunction
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CIRCUIT DESCRIPTION

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

DTC No.	DTC Detecting Condition	Trouble Area
B1244	<ul style="list-style-type: none"> • Malfunction of light sensor • Open or short of light sensor circuit 	<ul style="list-style-type: none"> • Light sensor • Wire harness • Driver side J/B ECU

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 light sensor.
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PREPARATION:

- (a) Connect the LEXUS hand-held tester to the DLC3.
- (b) Turn ignition switch ON and LEXUS 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.
- When not using LEXUS hand-held tester (See page BE-33).

NG	Replace the light sensor.
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OK

2	Check wire harness and connector between light sensor and driver side J/B ECU (See page IN-35).
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NG	Repair or replace wire harness.
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OK

Replace driver side J/B ECU.
