

2. Display cover does not open (Night View Indicator comes on)

CIRCUIT DESCRIPTION

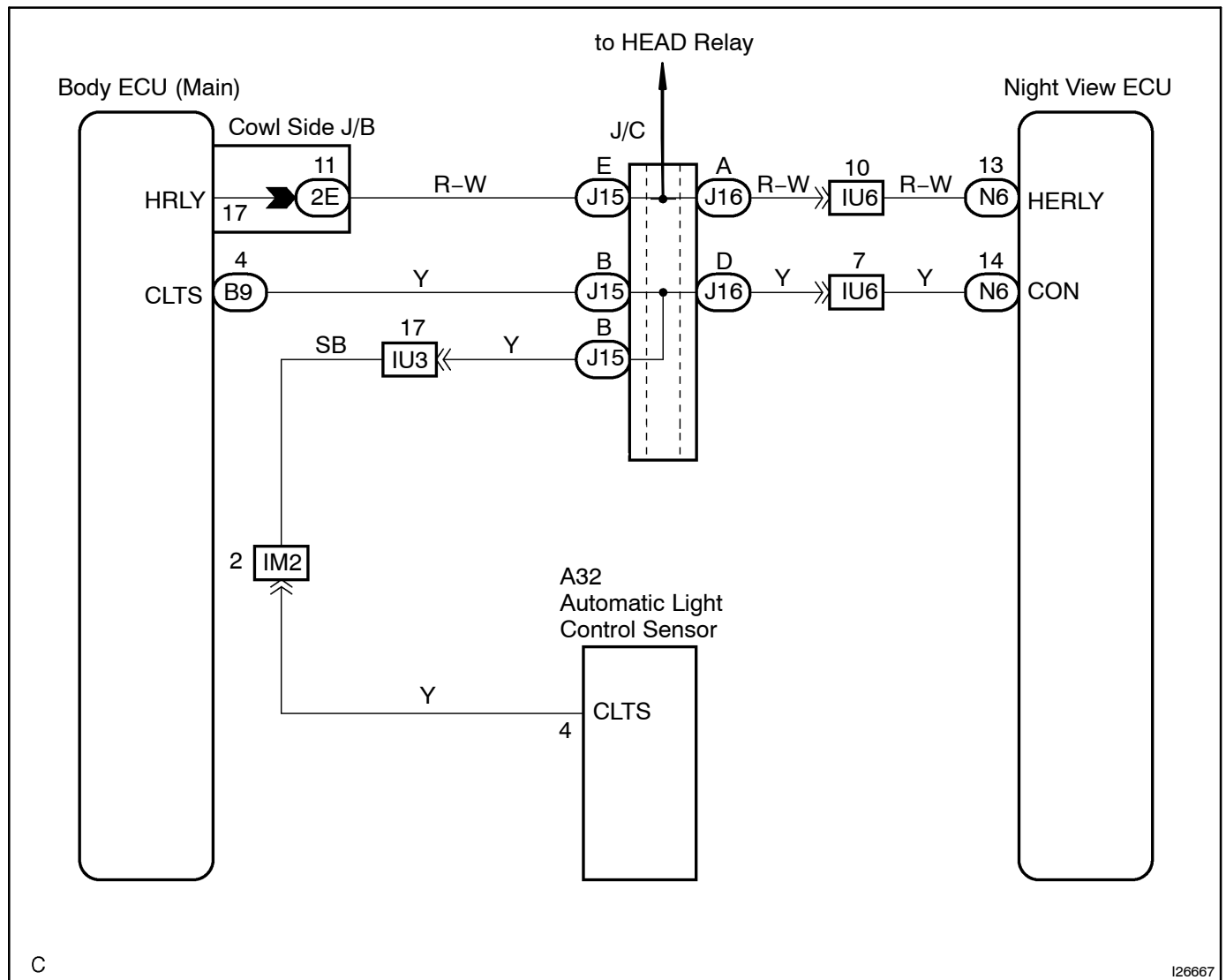
This circuit checks that each signal required to operate the Night View System is normally input to the Night View ECU.

(Operating conditions: See page [DI-1247](#))

NOTICE:

Do not apply grease to the sliding parts of the Display Cover.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	Check the headlight function.
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PREPARATION:

Turn the headlight ON.

CHECK:

Verify all headlight functions are normal.

OK:

Headlight function is correct.

NG

Go to headlight and taillight system
(See page [BE-2](#)).

OK

2	Check for DTC B1244, Light Sensor Circuit Malfunction.
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PREPARATION:

(a) Connect hand-held tester to the DLC3.

(b) Turn the ignition switch ON and hand-held tester main switch ON.

CHECK:

Check DTC.

OK:

There is no B1244 DTC.

NG

Go to body control system
(See page [DI-1415](#)).

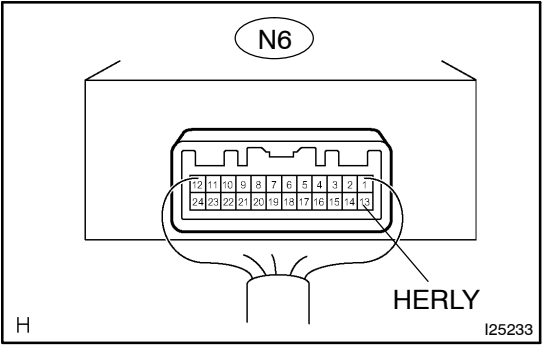
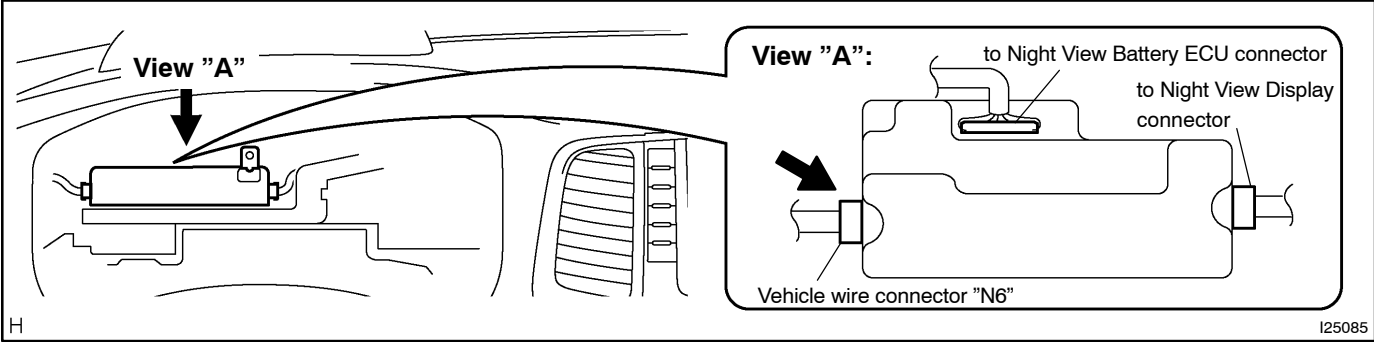
OK

3 Check voltage between terminal HERLY of Night View ECU and body ground.

PREPARATION:

- (a) Remove the combination meter.
- (b) Turn the light control switch to HEAD and the headlight dimmer switch to LO or HI.

CHECK:



Measure voltage between terminal HERLY of the Night View ECU connector "N6" and body ground.
(Terminals of ECU: See page [DI-1251](#))

OK:

Voltage: Below 1 V

NG

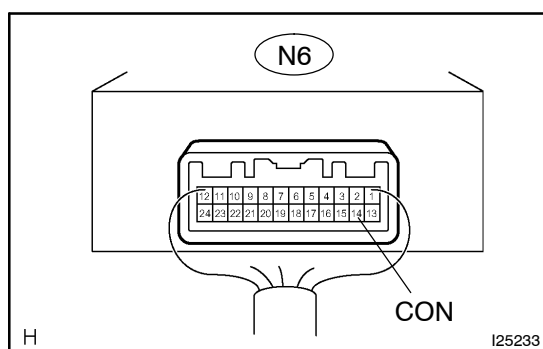
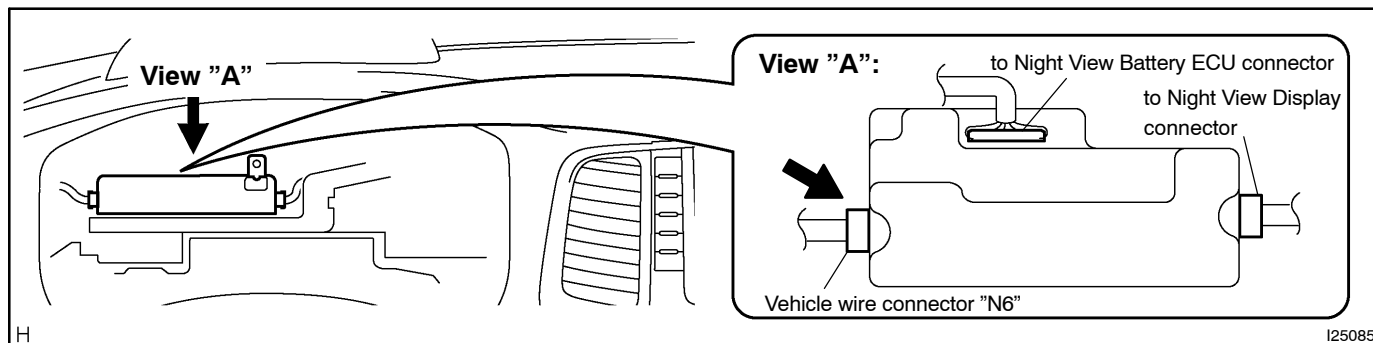
Repair or replace wire harness or connector between the Night View ECU and the body ECU.

OK

- 4 Using an oscilloscope, check the output waveform between terminal CON of Night View ECU and body ground.**

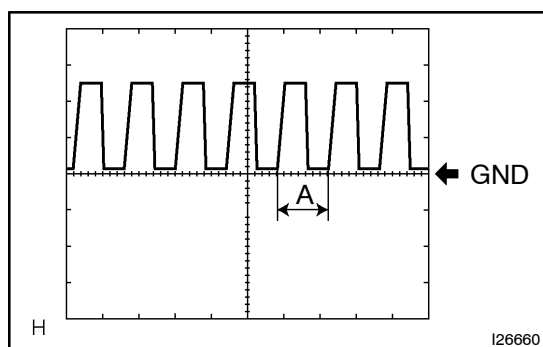
PREPARATION:

Turn the ignition switch ON.

CHECK:

Using an oscilloscope, check the output waveform between terminal CON of the Night View ECU connector "N6" and body ground.

(Terminals of ECU: See page [DI-1251](#))

**OK:**

The output waveform is as shown in the illustration.

(Reference) oscilloscope condition:

Item	Contents
Tool setting	5 V / DIV, 5 ms / DIV
Vehicle condition	Ignition switch ON

HINT:

The width of A changes according to the ambient brightness.

NG

Repair or replace wire harness or connector.

OK

Replace Night View ECU