

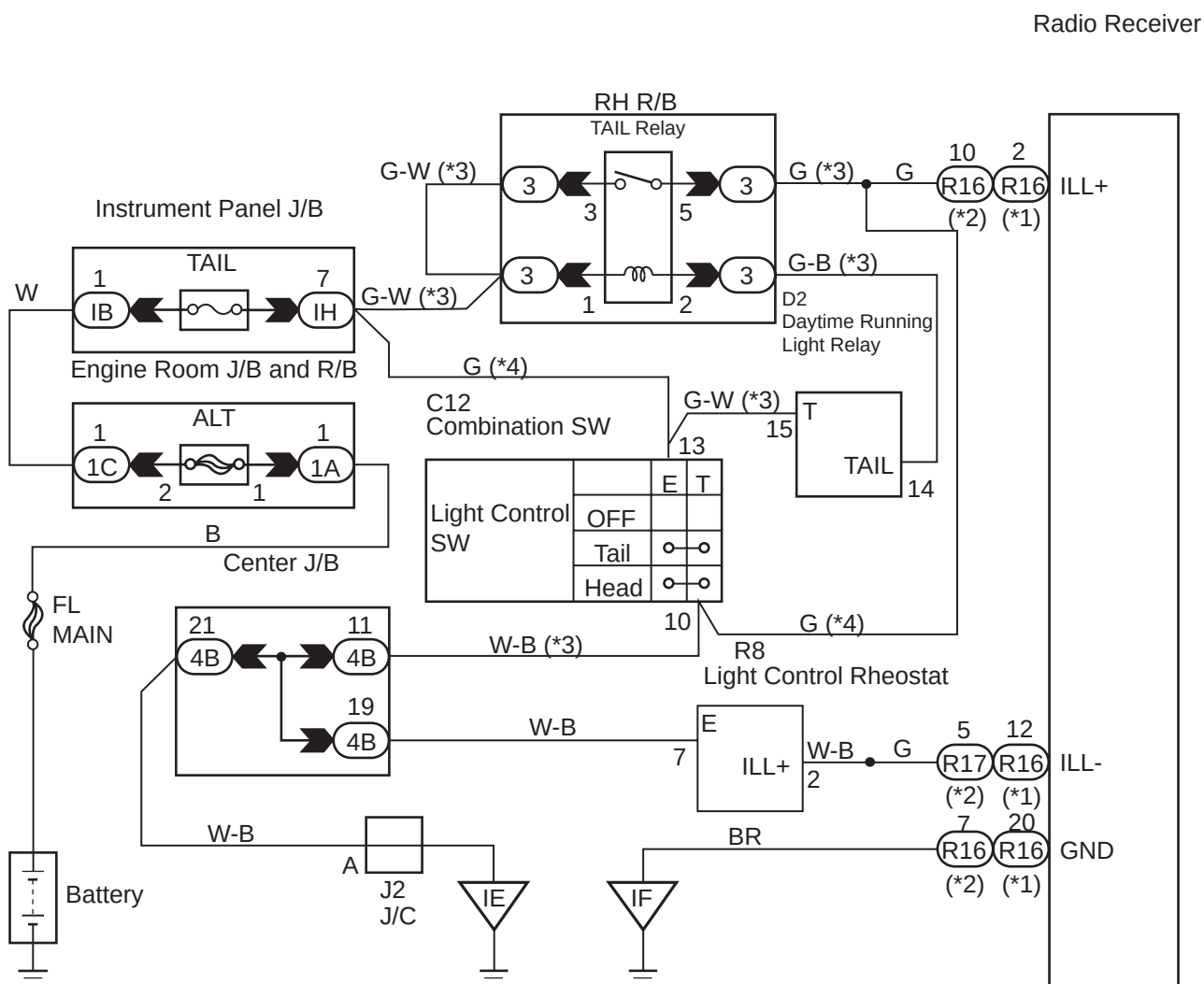
Illumination Circuit

DESCRIPTION

Power is supplied to the radio receiver panel illumination when the light control switch is in the TAIL or HEAD position.

The intensity of the radio receiver panel illumination can be adjusted by the light control rheostat.

WIRING DIAGRAM



*1: Separate Type Amplifier

*2: Built-in Type Amplifier

*3: USA

*4: Canada

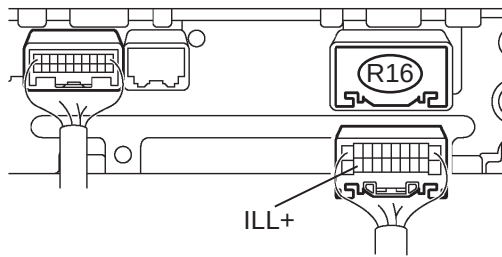
INSPECTION PROCEDURE

1 SYSTEM CHECK

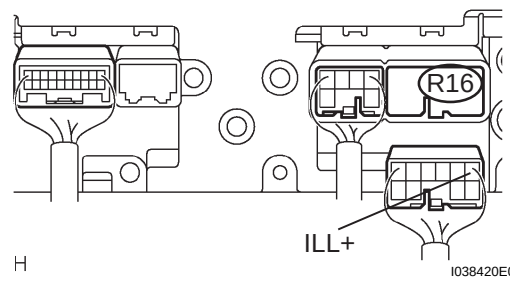
- (a) Turn the light control switch to the TAIL or HEAD position.
Check if other displays or indicators such as the A/C switch indicator come on.

OK:**Other displays or indicators come on.****OK****NG****GO TO LIGHTING SYSTEM****2 CHECK HARNESS AND CONNECTOR (RH R/B - RADIO RECEIVER)**

Wire Harness View (Separate Type Amplifier):



Wire Harness View (Built-in Type Amplifier):

**OK**

- (a) Disconnect the radio receiver R16 connector.
(b) Measure the voltage according to the values in the table below.

Standard voltage

Tester connection	Condition	Specified condition
ILL+ (R16-2) - Body ground *1	Light control switch TAIL	10 to 14 V
ILL+ (R16-10) - Body ground *2	Light control switch TAIL	10 to 14 V

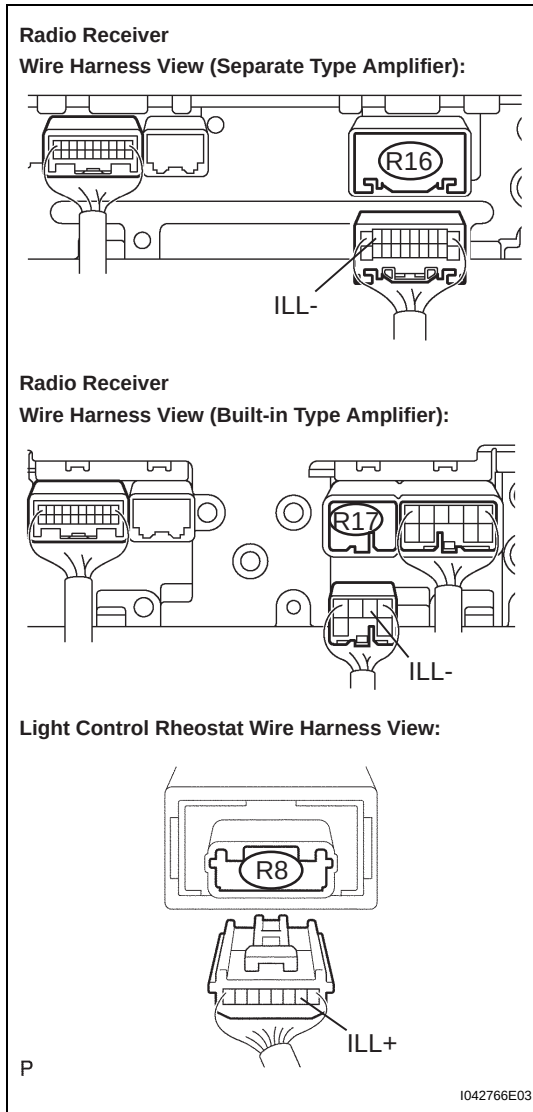
*1: Separate Type Amplifier

*2: Built-in Type Amplifier

NG**REPAIR OR REPLACE HARNESS OR CONNECTOR**

3

CHECK HARNESS AND CONNECTOR (RADIO RECEIVER - LIGHT CONTROL RHEOSTAT)



- (a) Disconnect the radio receiver R16 or R17 connector and light control rheostat R8 connector.

- (b) Measure the resistance according to the values in the table below. Standard:

Standard resistance

Tester connection	Specified condition
ILL- (R16-12) - ILL+ (R8-2) *1	Below 1 Ω
ILL- (R16-12) - Body ground *1	10 k Ω or higher
ILL- (R17-5) - ILL+ (R8-2) *2	Below 1 Ω
ILL- (R17-5) - Body ground *2	10 k Ω or higher

*1: Separate Type Amplifier

*2: Built-in Type Amplifier

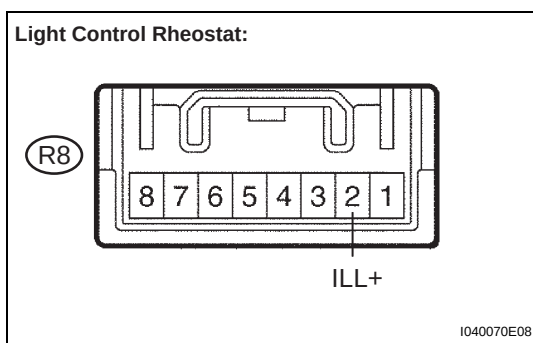
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REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

4

INSPECT LIGHT CONTROL RHEOSTAT



- (a) Reconnect the light control rheostat R8 connector.
- (b) Measure the voltage according to the value(s) in the table below.

Standard voltage

Tester connection	Condition	Specified condition
ILL+ (R8-2) - Body ground	Light control switch OFF $\rightarrow$ TAIL (Light intensity is max.)	Below 1 V $\rightarrow$ 10 to 14 V

NG

REPLACE LIGHT CONTROL RHEOSTAT

A button with a black border and a downward-pointing arrow shape, containing the text "OK".

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE