

## Illumination Circuit

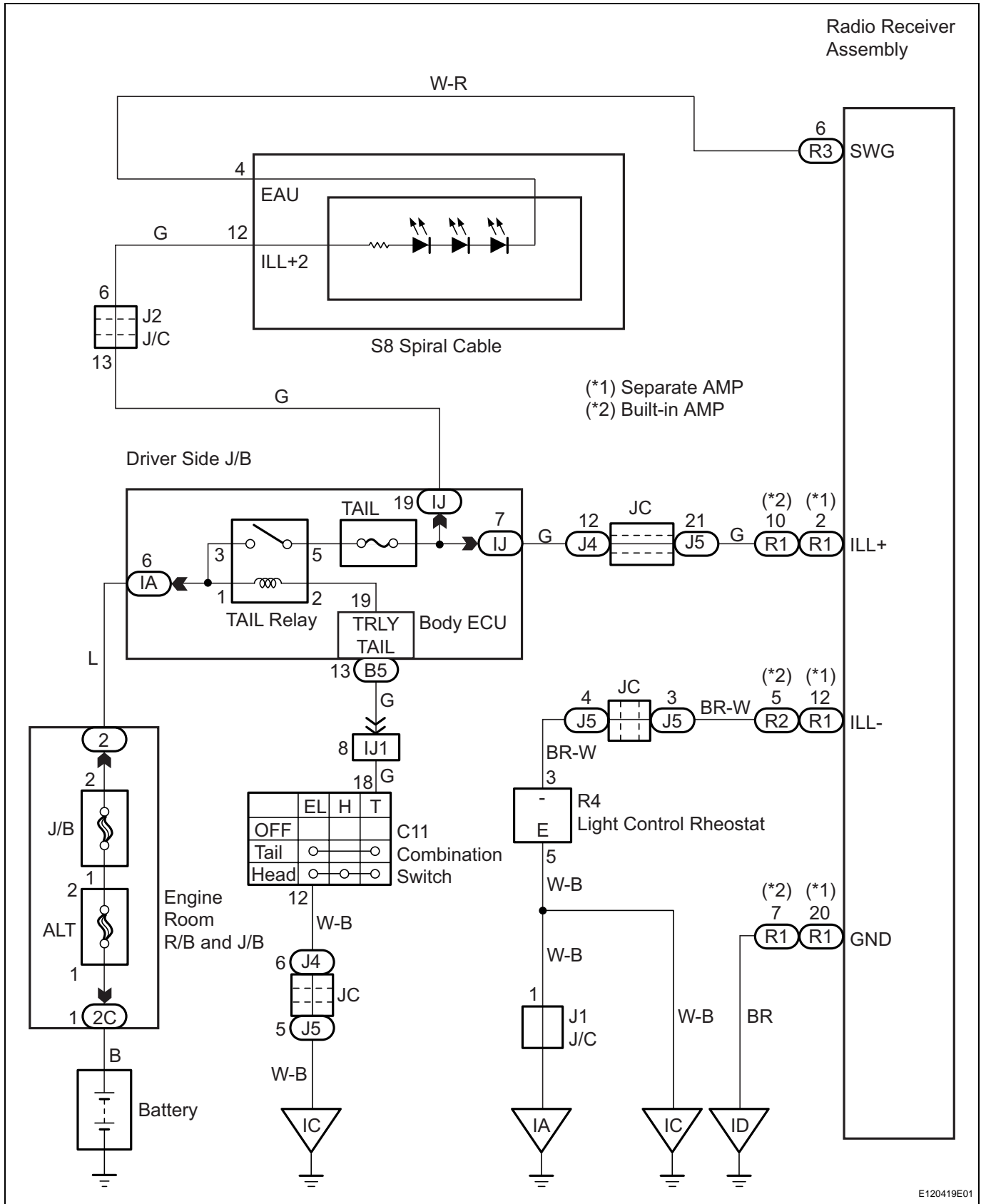
### DESCRIPTION

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

**AV**

The intensity of the radio receiver and steering pad switch illumination can be adjusted by the light control rheostat.

## WIRING DIAGRAM



**1 SYSTEM CHECK**

- (a) Turn the light control switch to the TAIL or HEAD position.

Check whether other displays and indicators such as the A/C switch indicator come on.

**OK:**

Other displays and indicators come on.

**NG**

**GO TO LIGHTING SYSTEM**

**OK**

**2 CHECK SYMPTOMS**

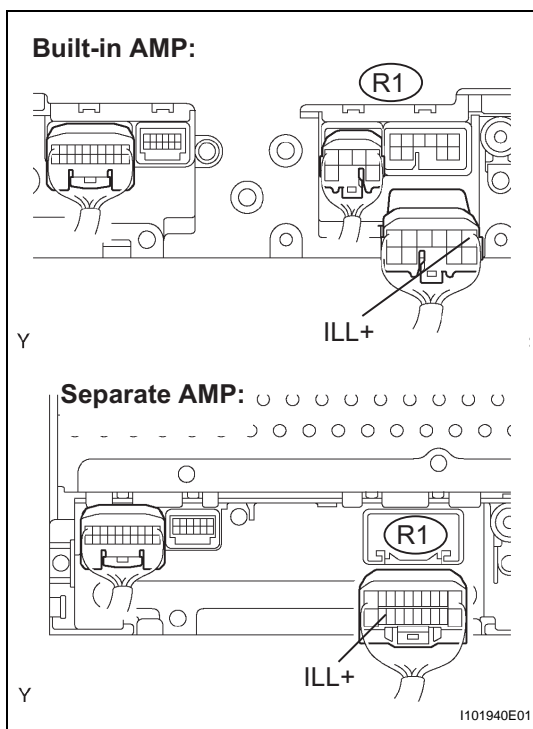
- (a) Check the symptom.  
 (1) Check whether the illumination for the radio receiver assembly or steering pad switch comes on.

Symptom	Proceed To
Illumination for radio receiver assembly does not come on.	A
Illumination for steering pad switch does not come on.	B

**B**

**Go to step 5**

**A**

**3 CHECK RADIO RECEIVER ASSEMBLY**

- (a) Disconnect the R1 radio receiver assembly connector.  
 (b) Turn the light control switch to the TAIL or HEAD position.  
 (c) Measure the voltage.

**Standard:**

**Built-in AMP**

Tester Connection	Light control switch TAIL	Specified Condition
ILL+ (R1-10) - Body ground	Light control switch TAIL	10 to 14 V

**Standard:**

**Separate AMP**

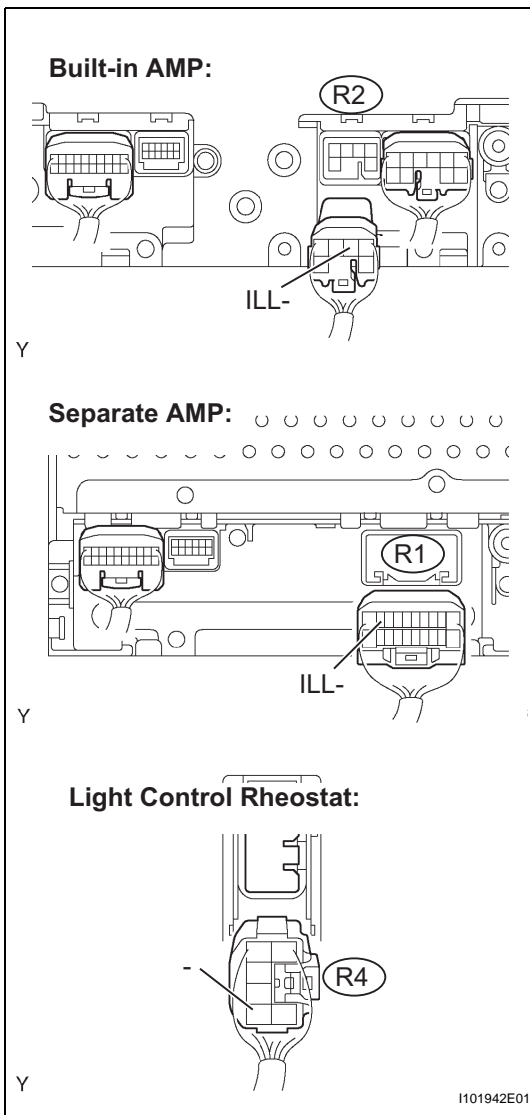
Tester Connection	Light control switch TAIL	Specified Condition
ILL+ (R1-2) - Body ground	Light control switch TAIL	10 to 14 V

**NG**

**REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

4

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

- (a) Disconnect the R2 or R1 radio receiver assembly connector and R4 light control rheostat connector.  
(b) Measure the resistance.

**Standard:****Built-in AMP**

Tester Connection	Specified Condition
ILL- (R2-5) - - (R4-3)	Below 1 $\Omega$
ILL- (R2-5) - Body ground	10 k $\Omega$ or higher

**Standard:****Separate AMP**

Tester Connection	Specified Condition
ILL- (R1-12) - - (R4-3)	Below 1 $\Omega$
ILL- (R1-2) - Body ground	10 k $\Omega$ or higher

NG

**REPAIR OR REPLACE HARNESS OR CONNECTOR**

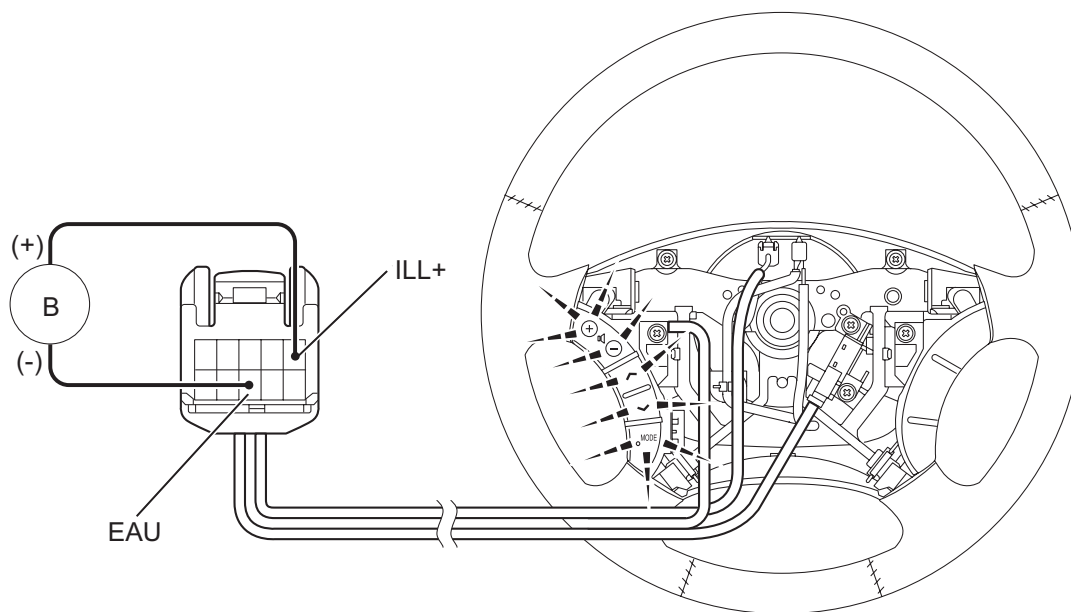
OK

**PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**

AV

# 5 INSPECT STEERING PAD SWITCH LH

AV



Y

E120420E01

**NOTICE:**

The vehicle is equipped with the SRS (Supplemental Restraint System) such as airbags. Before servicing (including removal or installation of parts), be sure to read the precautionary notice for the SRS.

- Disconnect the steering pad switch assembly connector.
- Connect the positive (+) lead to terminal ILL+ and the negative (-) lead to terminal EAU of the steering pad switch assembly connector.
- Check the illumination for the steering pad switch assembly.

**OK:**

Illumination for the steering pad switch assembly comes on.

NG

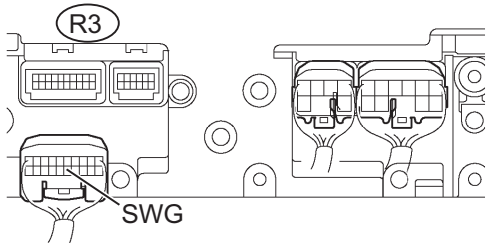
REPLACE STEERING PAD SWITCH LH

OK

6

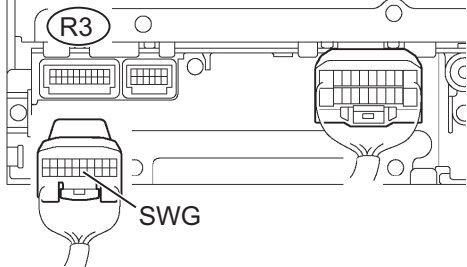
CHECK HARNESS AND CONNECTOR (SPIRAL CABLE SUB-ASSEMBLY - RADIO RECEIVER ASSEMBLY)

Built-in AMP:



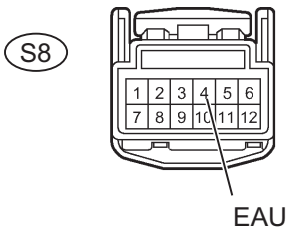
Y

Separate AMP:



Y

Spiral Cable Side:



H

I101943E01

- (a) Disconnect the R3 radio receiver assembly connector.
- (b) Disconnect the S8 spiral cable sub-assembly connector.
- (c) Measure the resistance.

Standard

Tester Connection	Specified Condition
SWG (R3-6) - EAU (S8-4)	Below 1 $\Omega$

NG

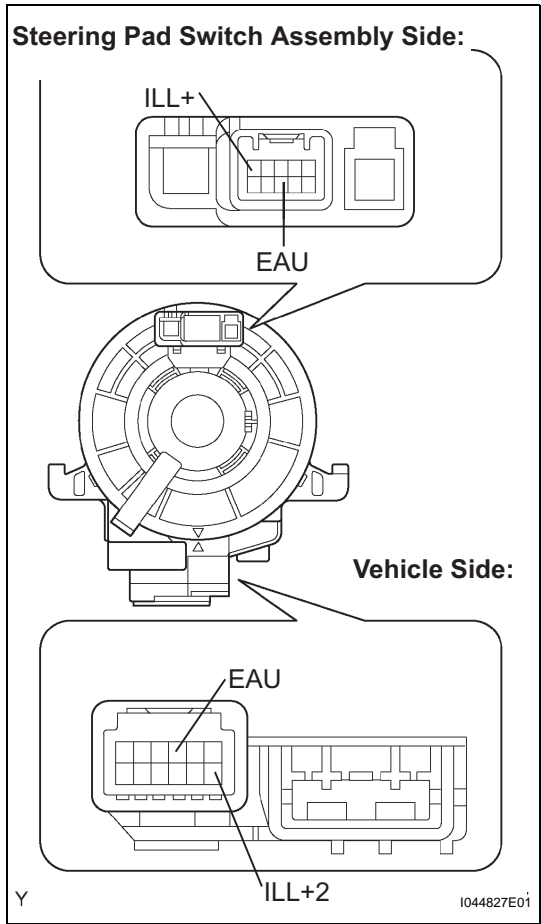
REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

AV

7INSPECT SPIRAL CABLE SUB-ASSEMBLY

AV



- (a) Disconnect the spiral cable sub-assembly connector.
- (b) Check the resistance.

Standard

Tester Connection	Specified Condition
EAU - EAU	Below 1 Ω
ILL+ - ILL+2	Below 1 Ω

NG

REPLACE SPIRAL CABLE SUB-ASSEMBLY

OK

REPAIR OR REPLACE HARNESS AND CONNECTOR (SPIRAL CABLE SUB-ASSEMBLY - DRIVER SIDE J/B)