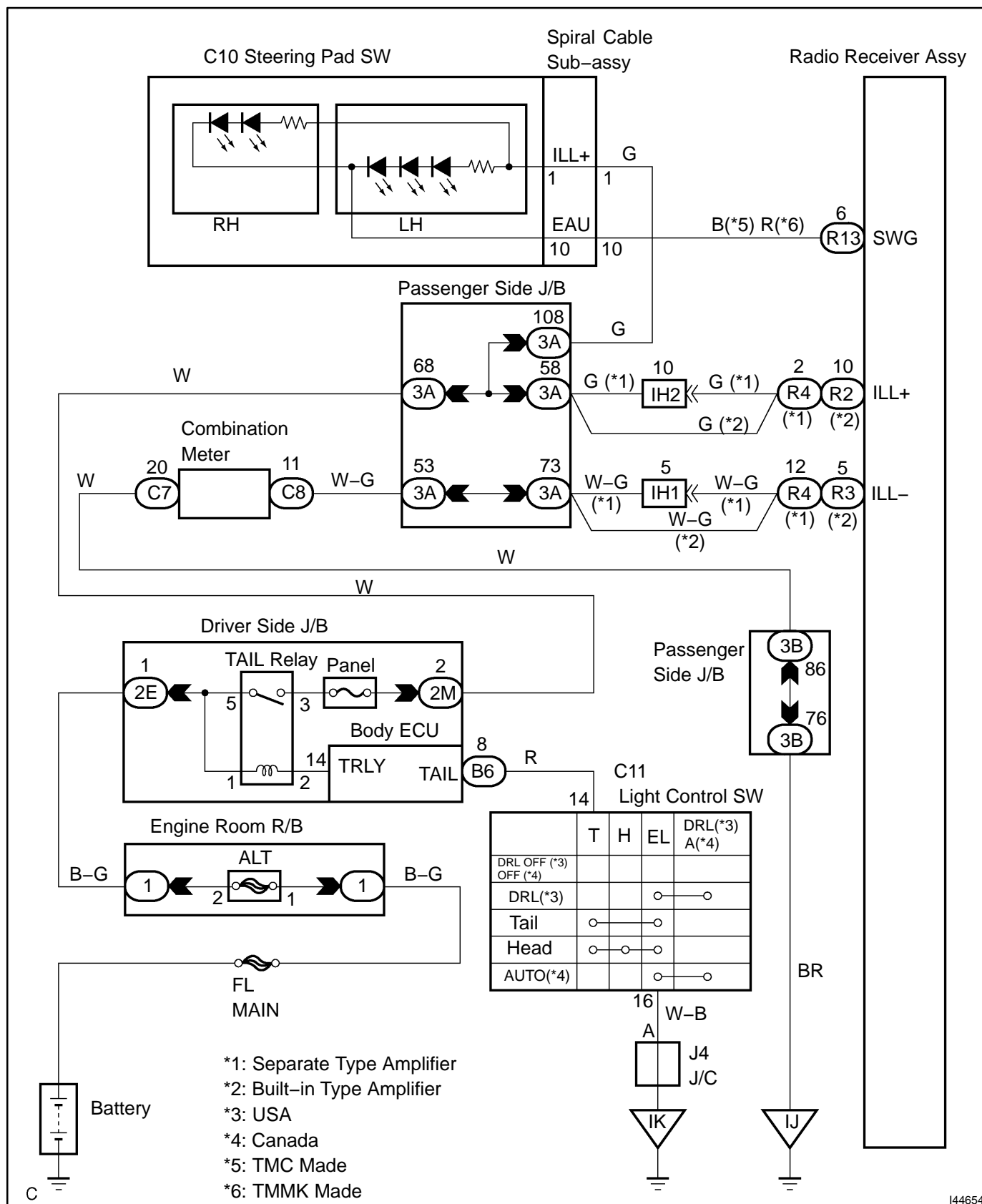


ILLUMINATION CIRCUIT

CIRCUIT DESCRIPTION

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

WIRING DIAGRAM



INSPECTION PROCEDURE**NOTICE:**

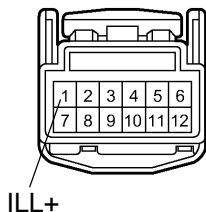
The vehicle is equipped with SRS (Supplemental Restraint System) such as airbags. Before servicing (including removal or installation of parts), be sure to read the precautionary notice for the supplemental restraint system (see page 60-1).

1 CHECK ILLUMINATION

- (a) Check if the illumination for the radio receiver assy, steering pad switch assy or others (A/C switch, cigarette lighter, etc.) comes on when the light control switch is turned to the HEAD or TAIL position.

Result:

Result	Proceed to
No illumination comes on.	A
Illumination for the steering pad switch assy does not come on.	B
Illumination for the radio receiver assy does not come on.	C

B**Go to step 2****C****Go to step 6****A****GO TO LIGHTING SYSTEM (SEE PAGE 05-1797)****2 INSPECT SPIRAL CABLE SUB-ASSY (ILL+)****Spiral Cable Sub-assy
Connector Front View:**

H 136955

I38235

- (a) Disconnect the spiral cable sub-assy connector.
(b) Measure the voltage according to the value(s) in the table below.

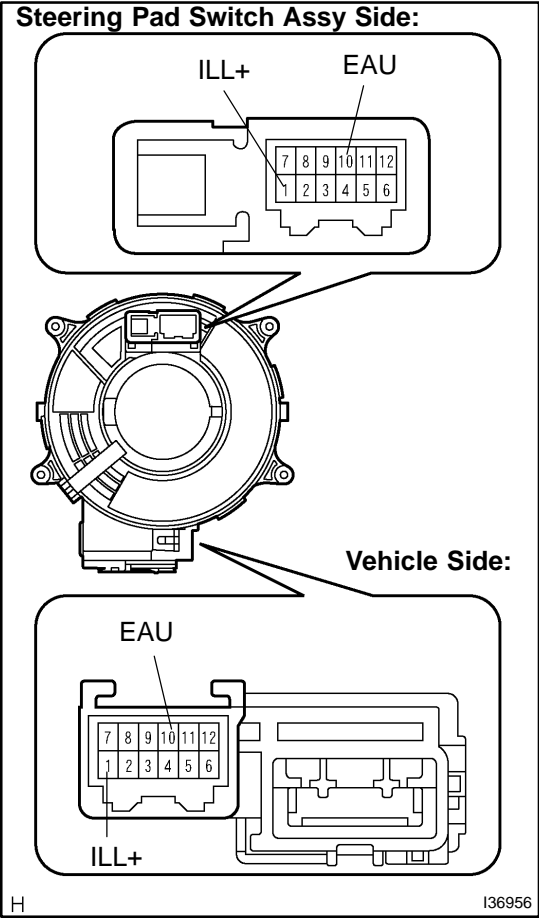
Standard:

Tester connector	Condition	Specified condition
ILL+ - Body ground	Light control switch TAIL or HEAD	10 to 14 V

NG**REPAIR OR REPLACE HARNESS OR CONNECTOR****OK**

3

INSPECT SPIRAL CABLE SUB-ASSY



- (a) Disconnect the steering pad switch assy and spiral cable sub-assy connectors.
- (b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Specified condition
EAU - EAU	Below 1 Ω
ILL+ - ILL+	Below 1 Ω

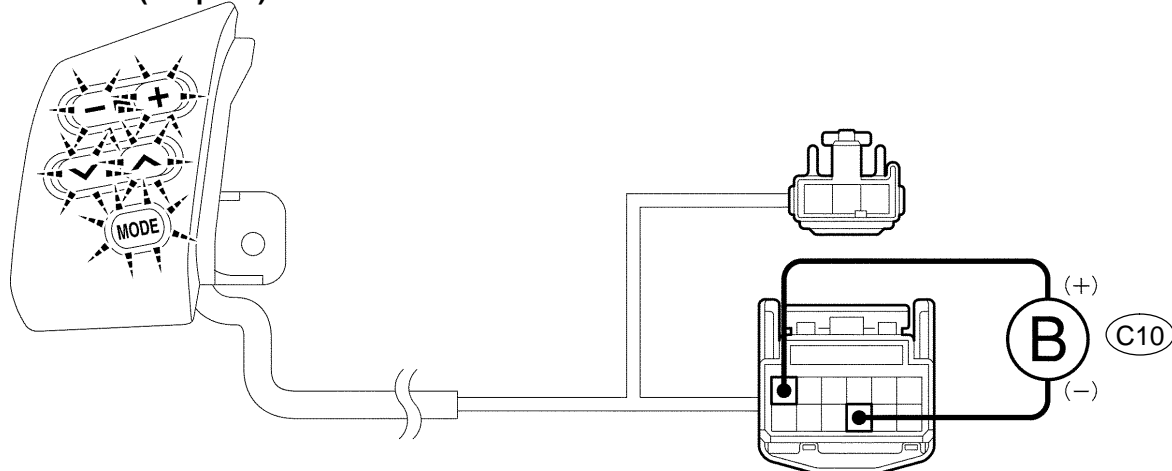
OK

NG

REPLACE SPIRAL CABLE SUB-ASSY
(SEE PAGE 60-34)

4 INSPECT STEERING PAD SWITCH ASSY

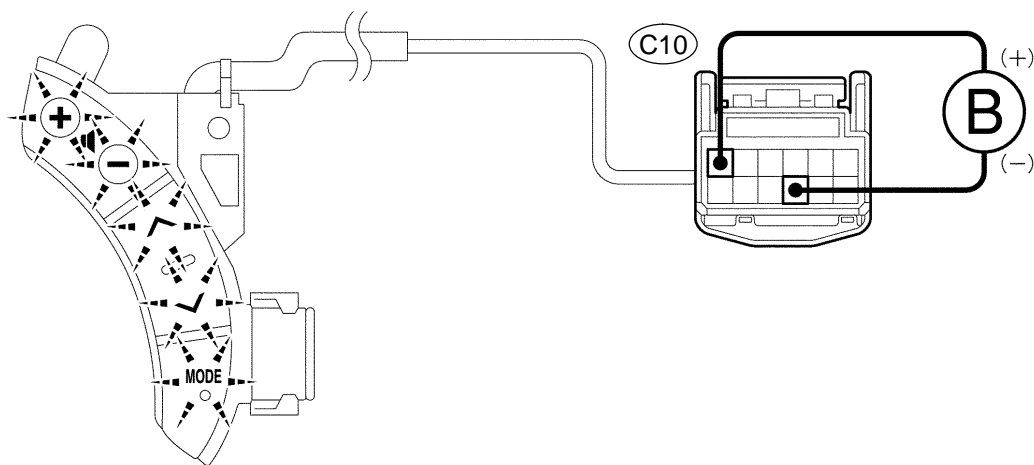
Connector Front View (3-Spoke):



P

I43179

Connector Front View (4-Spoke):



P

I43180

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

OK:

Illumination for the steering pad switch assy comes on.

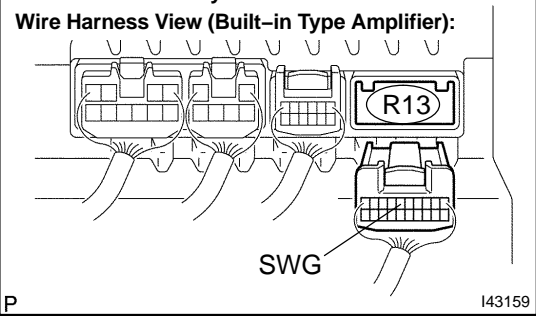
NG

**REPLACE STEERING PAD SWITCH ASSY
(SEE PAGE 67-19)**

OK

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

**Radio Receiver Assy
Wire Harness View (Built-in Type Amplifier):**

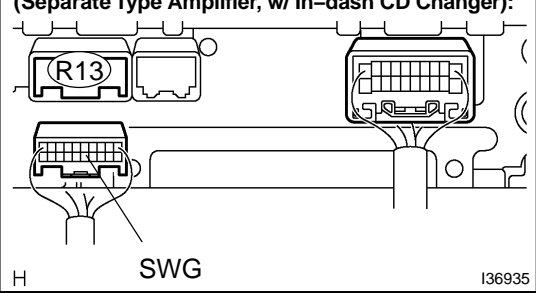


- (a) Disconnect the spiral cable sub-assy connector and radio receiver assy R13 connector.
- (b) Measure the resistance according to the value(s) in the table below.

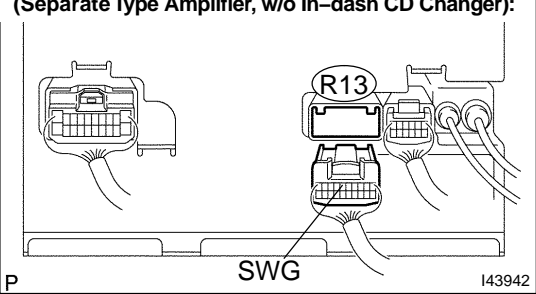
Standard:

Tester connector	Condition	Specified condition
EAU - SWG (R13-6)	Always	Below 1 Ω

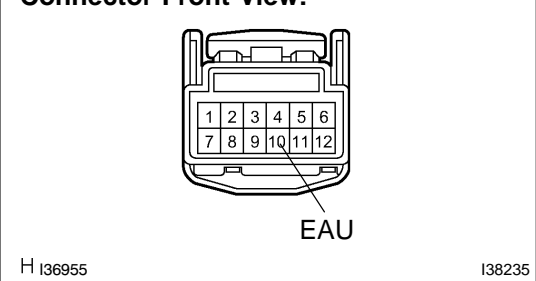
**Radio Receiver Assy, Wire Harness View
(Separate Type Amplifier, w/ In-dash CD Changer):**



**Radio Receiver Assy, Wire Harness View
(Separate Type Amplifier, w/o In-dash CD Changer):**



**Spiral Cable Sub-assy
Connector Front View:**



NG

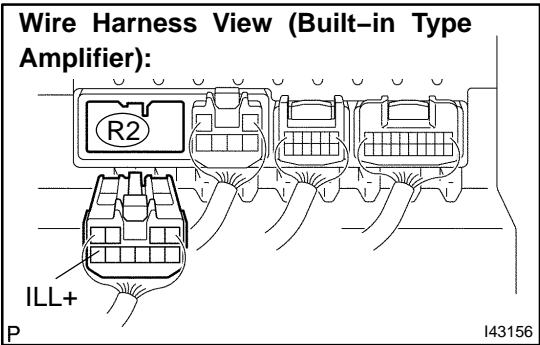
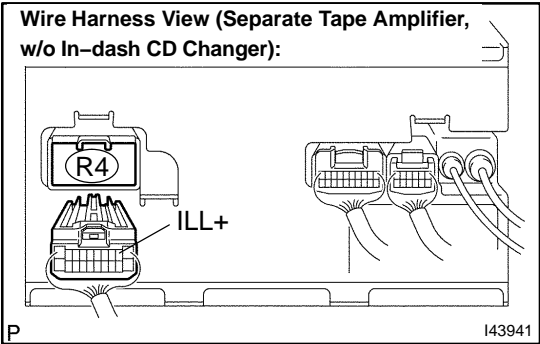
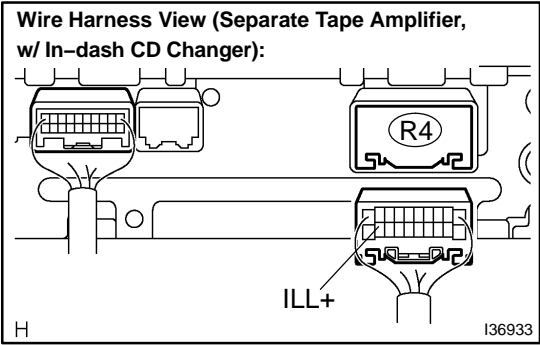
REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE RADIO RECEIVER ASSY (SEE PAGE 67-4)

6

INSPECT RADIO RECEIVER ASSY



- (a) Disconnect the radio receiver assy R2 or R4 connector.
- (b) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
ILL+ (R4-2) - Body ground *1	Light control switch TAIL or HEAD	10 to 14 V
ILL+ (R2-10) - Body ground *2	Light control switch TAIL or HEAD	10 to 14 V

*1: Separate Type Amplifier

*2: Built-in Type Amplifier

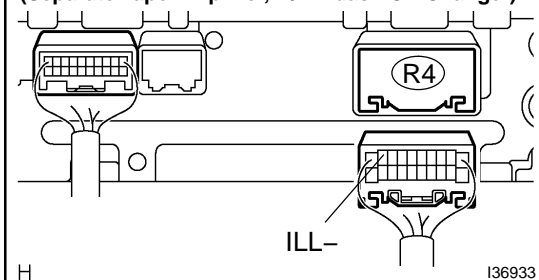
OK

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

7 CHECK HARNESS AND CONNECTOR(RADIO RECEIVER ASSY - COMBINATION METER ASSY)

**Radio Receiver Assy, Wire Harness View
(Separate Tape Amplifier, w/ In-dash CD Changer):**



- Disconnect the radio receiver assy R3 or R4 connector and combination meter assy C8 connector.
- Measure the resistance according to the value(s) in the table below.

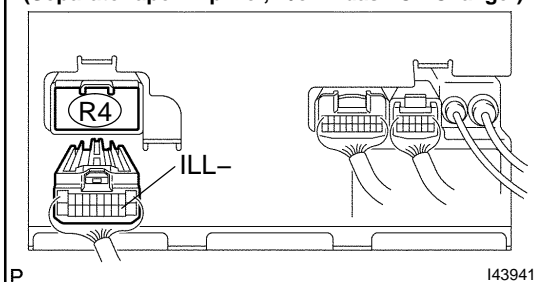
Standard:

Tester connection	Condition	Specified condition
ILL- (R4-12) - C8-11 *1	Always	Below 1 Ω
ILL- (R3-5) - C8-11 *2	Always	Below 1 Ω
ILL- (R4-12) - Body ground *1	Always	10 k Ω or higher
ILL- (R3-5) - Body ground *2	Always	10 k Ω or higher

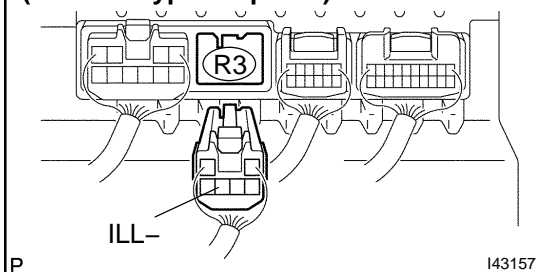
*1: Separate Type Amplifier

*2: Built-in Type Amplifier

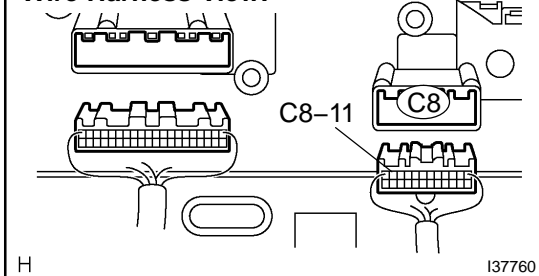
**Radio Receiver Assy, Wire Harness View
(Separate Tape Amplifier, w/o In-dash CD Changer):**



**Radio Receiver Assy, Wire Harness View
(Built-in Type Amplifier):**



**Combination Meter Assy
Wire Harness View:**



NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE
(SEE PAGE 05-1829)