# ILLUMINATION CIRCUIT

## CIRCUIT DESCRIPTION

**w/o Daytime Running Light:**

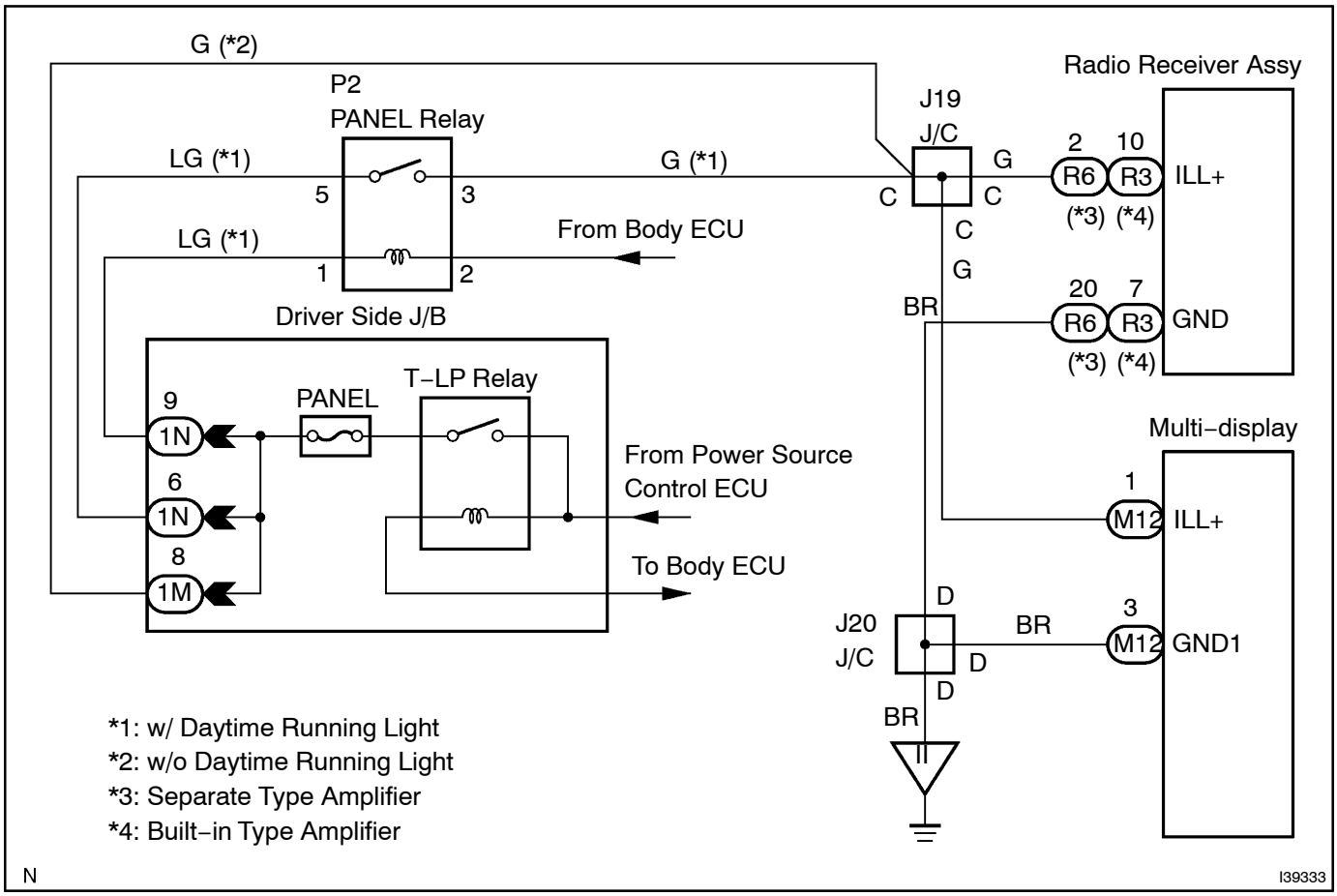
When the light control switch is turned to TAIL or HEAD position, power is supplied to the radio receiver assy and multi–display panel illuminations.

**w/ Daytime Running Light:**

When the light control switch is turned to TAIL or HEAD position, power is supplied to the radio receiver assy and multi–display panel illuminations.

While the daytime running light is in control, the power supply is cut by the panel relay.

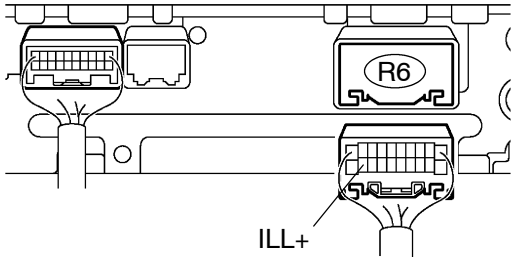
## WIRING DIAGRAM



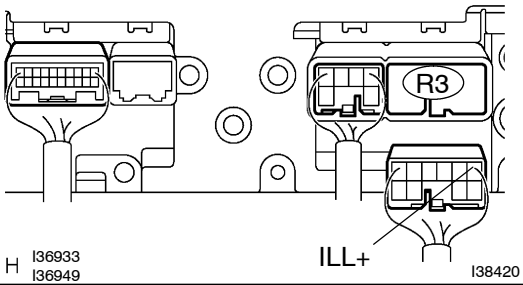
# INSPECTION PROCEDURE

| 1 | CHECK HARNESS AND CONNECTOR (COMPONENTS WITH MALFUNCTION – BATTERY) |
|---|---|

**Separate Type Amplifier**
**Wire Harness View:**




**Built–in Type Amplifier**
**Wire Harness View:**



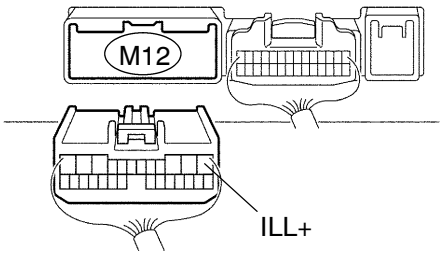

(a) RADIO RECEIVER ASSY
(1) Disconnect the radio receiver assy R6 or R3 connector.
(2) Measure the voltage according to the values in the table below.

**Standard:**

| Tester connection | Condition | Specified condition |
|---|---|---|
| ILL+ (R6–2) – Body ground *1 | Light control switch TAIL or HEAD | 10 to 14 V |
| ILL+ (R3–10) – Body ground *2 | Light control switch TAIL or HEAD | 10 to 14 V |

*1: Separate Type Amplifier
*2: Built–in Type Amplifier

**Multi–display Wire Harness View:**




(b) MULTI–DISPLAY
(1) Disconnect the multi–display M12 connector.
(2) Measure the resistance according to the values in the table below.

**Standard:**

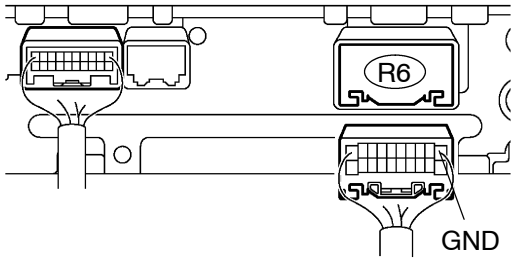
| Tester connection | Condition | Specified condition |
|---|---|---|
| ILL+ (M12–1) – Body ground | Light control switch TAIL or HEAD | 10 to 14 V |

**NG** → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

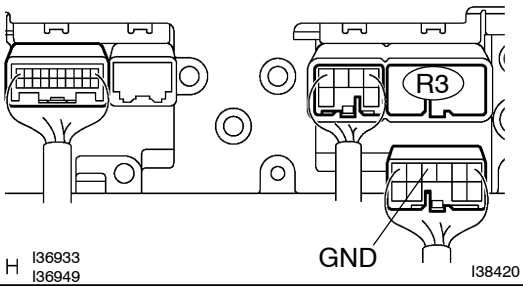
**OK**

| 2 | CHECK HARNESS AND CONNECTOR (COMPONENTS WITH MALFUNCTION – BODY GROUND) |
|---|---|

**Separate Type Amplifier**
**Wire Harness View:**




**Built–in Type Amplifier**
**Wire Harness View:**




(a) RADIO RECEIVER ASSY

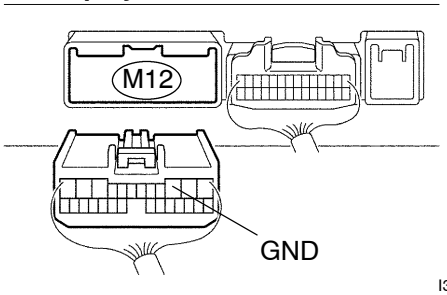
(1) Measure the resistance according to the values in the table below.

**Standard:**

| Tester connection | Condition | Specified condition |
|---|---|---|
| GND (R6–20) – Body ground *1 | Always | Below 1 Ω |
| GND (R3–7) – Body ground *2 | Always | Below 1 Ω |

*1: Separate Type Amplifier
*2: Built–in Type Amplifier

**Multi–display Wire Harness View:**




(b) MULTI–DISPLAY

(1) Measure the resistance according to the values in the table below.

**Standard:**

| Tester connection | Condition | Specified condition |
|---|---|---|
| GND (M12–3) – Body ground | Always | Below 1 Ω |

**NG** → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

**OK**

**PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**
**(SEE PAGE 05–1482)**