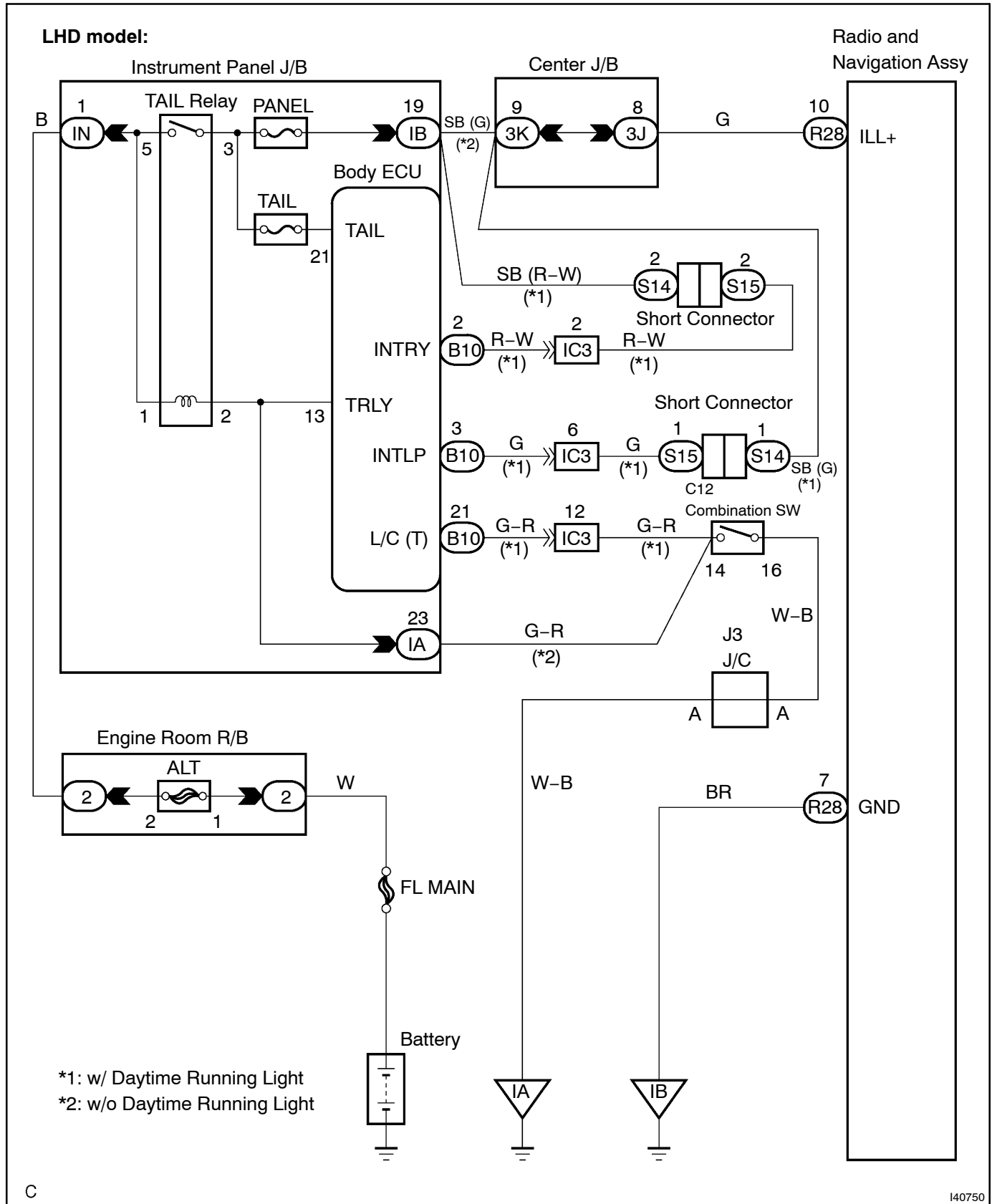


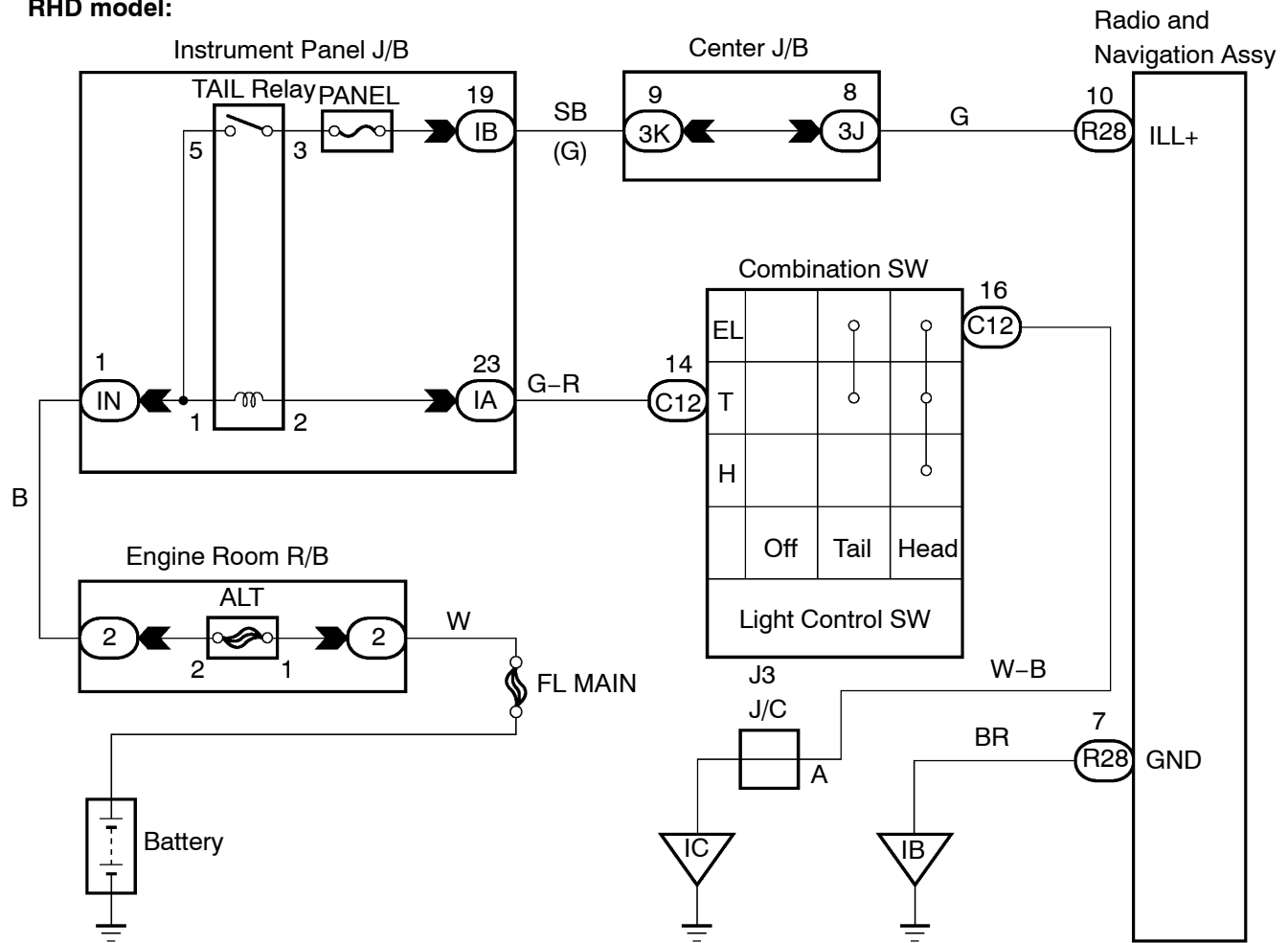
DIMMER SIGNAL CIRCUIT

CIRCUIT DESCRIPTION

Receiving the dimmer signal from the tail relay, the radio and navigation assy dims the display and illuminates the panel switches.

WIRING DIAGRAM



RHD model:

C

I40768

INSPECTION PROCEDURE

1 CHECK VEHICLE TYPE

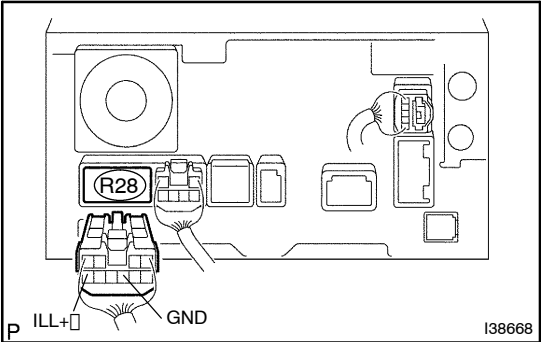
(a) Choose vehicle type to be inspected.

Type	Go to step
LHD vehicle with daytime running light (in Europe)	A
Other than above	B

B Go to step 4

A

2 INSPECT RADIO AND NAVIGATION ASSY (ILL+, GND)



- (a) Disconnect the radio and navigation assy connector R28.
- (b) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
ILL+ - GND	Light control switch TAIL or HEAD	10 to 14 V

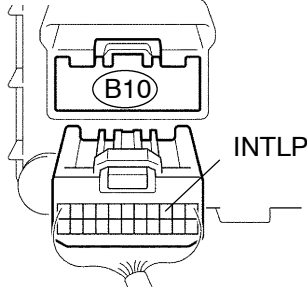
NG Go to step 3

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE
(SEE PAGE 05-1094)

3 CHECK HARNESS AND CONNECTOR (BODY ECU - RADIO AND NAVIGATION ASSY)

Body ECU:

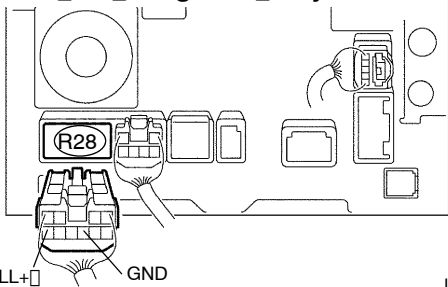


- Disconnect the connectors from the body ECU and radio and navigation assy.
- Measure the resistance according to the values in the table below.

Standard:

Tester connection	Condition	Specified condition
INTLP - ILL+	Always	Below 1 Ω
ILL+ - Body ground	Always	10 k Ω or higher
GND - Body ground	Always	Below 1 Ω

Radio and Navigation Assy:



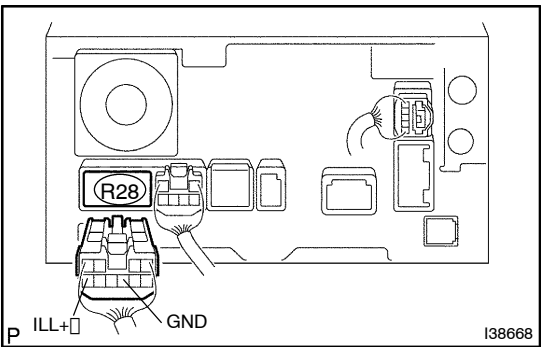
NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

CHECK AND REPLACE BODY ECU

4 INSPECT RADIO AND NAVIGATION ASSY (ILL+, GND)



- Disconnect the radio and navigation assy connector R28.
- Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
GND - Body ground	Always	Below 1 Ω

- Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
ILL+ - GND	Light control switch TAIL or HEAD	10 to 14 V

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE
(SEE PAGE 05-1094)