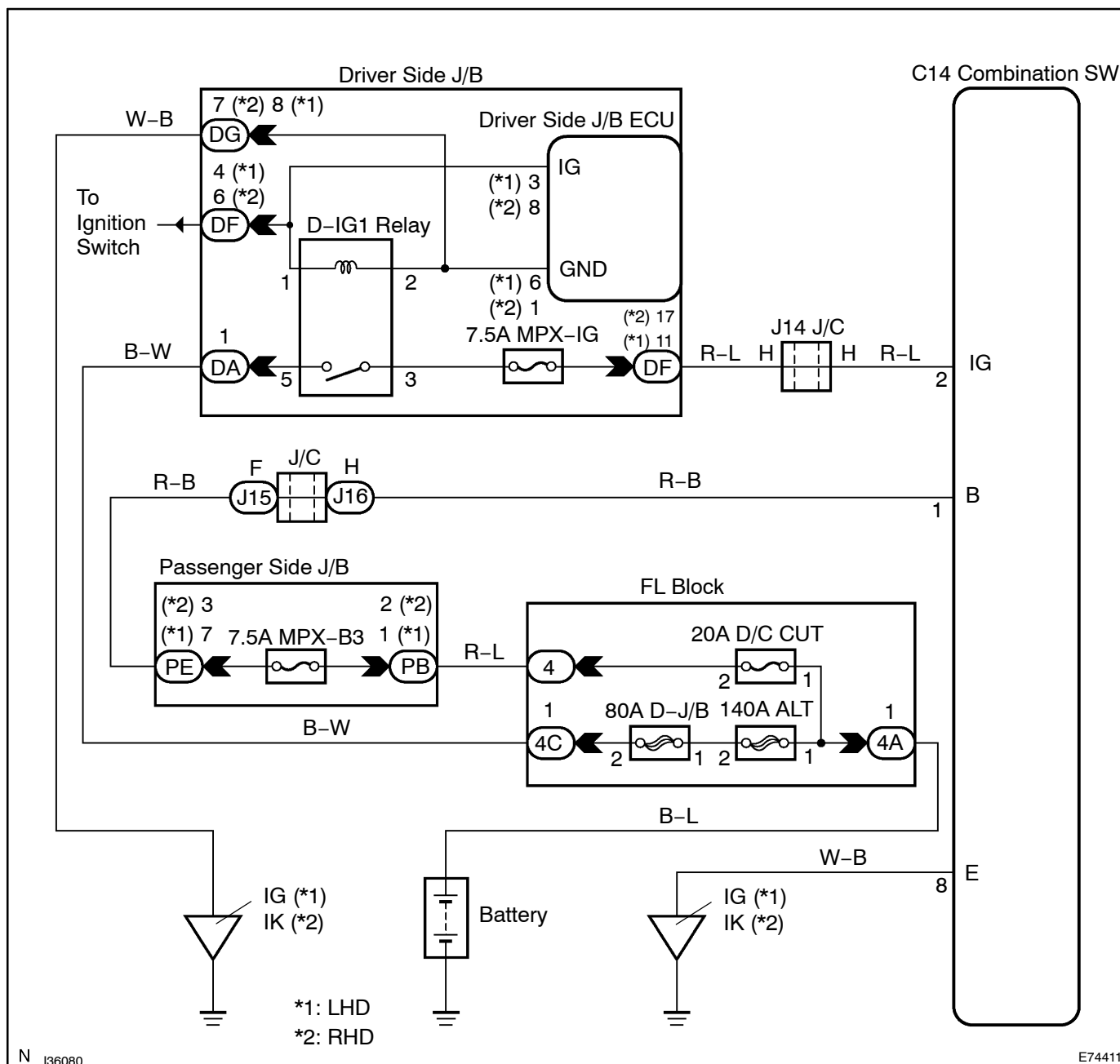


LIGHT CONTROL SWITCH CIRCUIT

CIRCUIT DESCRIPTION

This circuit provides power to operate the combination switch. The signals produced by operating the manual switch are sent to the passenger side J/B ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

HINT:

Before the procedure, check that the multiplex communication system DTCs are not output ([see page 05-3161](#)).

1 READ VALUE OF INTELLIGENT TESTER II

- (a) Connect the intelligent tester II to the DLC3.
- (b) Turn the ignition switch to the ON position and turn the intelligent tester II main switch on.
- (c) Select the items below in the DATA LIST, and read the displays on the intelligent tester II.

COMBINATION SWITCH (TURN SIGNAL SWITCH ASSY):

Item	Measurement Item/ Display (Range)	Normal Condition	Diagnostic Note
Rear Fog Light Switch	Rear fog light switch/ ON or OFF	ON: Rear fog light switch is in ON position OFF: Rear fog light switch is in OFF position	-
Front Fog Light Switch	Front fog light SW signal/ON or OFF	ON: Front fog light switch is in ON position OFF: Front fog light switch is in OFF position	-
Passing Light Switch	Passing light switch signal/ON or OFF	ON: Headlamp dimmer switch is in FLASH position OFF: Headlamp dimmer switch is in except FLASH position	-
Dimmer Hi Switch	High beam SW signal/ ON or OFF	ON: Headlamp dimmer switch is in HI position OFF: Headlamp dimmer switch is in except HI position	-
Light Auto Switch	Auto light SW signal/ ON or OFF	ON: Light control switch is in AUTO position OFF: Light control switch is in except AUTO position	-
Head Light Switch	Headlight control SW signal/ON or OFF	ON: Light control switch is in HEAD position OFF: Light control switch is in except HEAD position	-
Tail Light Switch	Tail light SW signal/ ON or OFF	ON: Light control switch is in TAIL or HEAD position OFF: Light control switch is in OFF position	-
Turn Left Switch	Turn signal SW LH signal/ON or OFF	ON: Turn signal switch is in LH position OFF: Turn signal switch is in OFF position	-
Turn Right Switch	Turn signal SW RH signal/ON or OFF	ON: Turn signal switch is in RH position OFF: Turn signal switch is in except RH position	-
Ignition Switch Signal	IG switch signal/ ON or OFF	ON: Ignition switch ON OFF: Ignition switch OFF	-

OK: Condition sign can be displayed.

NG

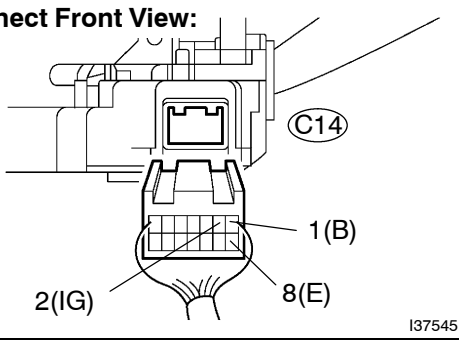
Go to step 2

OK

**PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE
([SEE PAGE 05-1369](#))**

2 INSPECT TURN SIGNAL SWITCH ASSY(COMBINATION SWITCH)

Connect Front View:



- Disconnect the connector from the combination switch.
- Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
C14-1 - C14-8	Always	10 to 14 V
C14-2 - C14-8	Ignition switch OFF	Below 1 V
C14-2 - C14-8	Ignition switch ON	10 to 14 V

NG

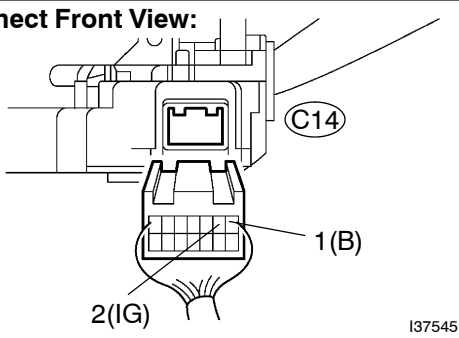
Go to step 3

OK

REPLACE TURN SIGNAL SWITCH ASSY (COMBINATION SWITCH)

3 CHECK HARNESS AND CONNECTOR

Connect Front View:



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

Standard:

Tester connection	Condition	Specified condition
C14-1 - Body ground	Always	10 to 14 V
C14-2 - Body ground	Ignition switch OFF	Below 1 V
C14-2 - Body ground	Ignition switch ON	10 to 14 V

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR (IGNITION SWITCH CIRCUIT OR BATTERY CIRCUIT)

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR (GROUND CIRCUIT)