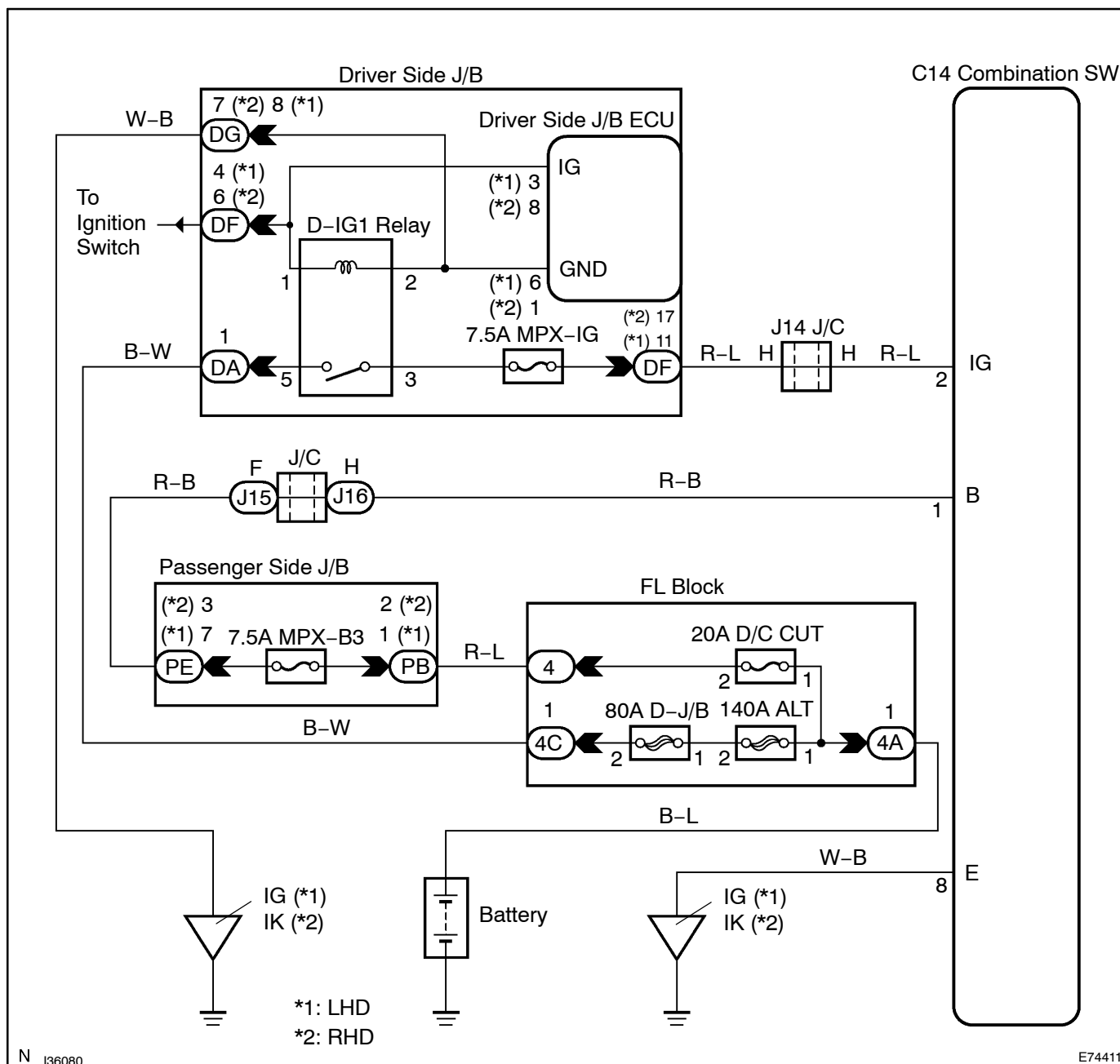# LIGHT CONTROL SWITCH CIRCUIT

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

N I36080   E74411

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	–

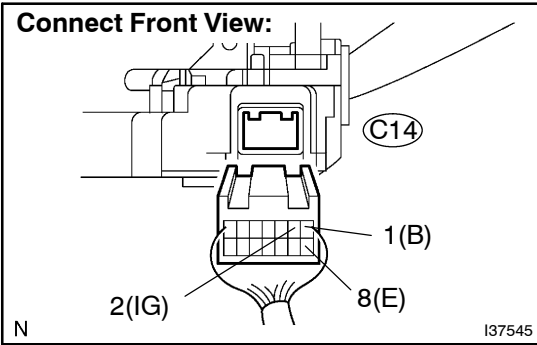**OK: Condition sign can be displayed.**

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:

(a) Disconnect the connector from the combination switch.

(b) 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:
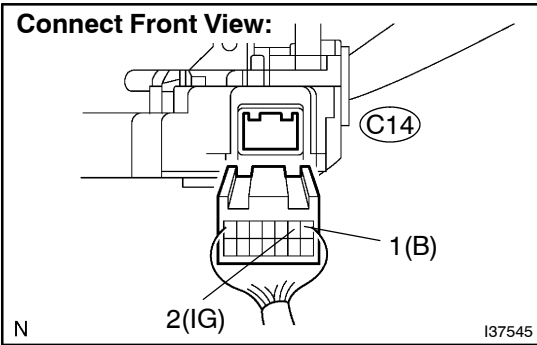
(a) Measure the voltage according to the value(s) in the table below.

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)