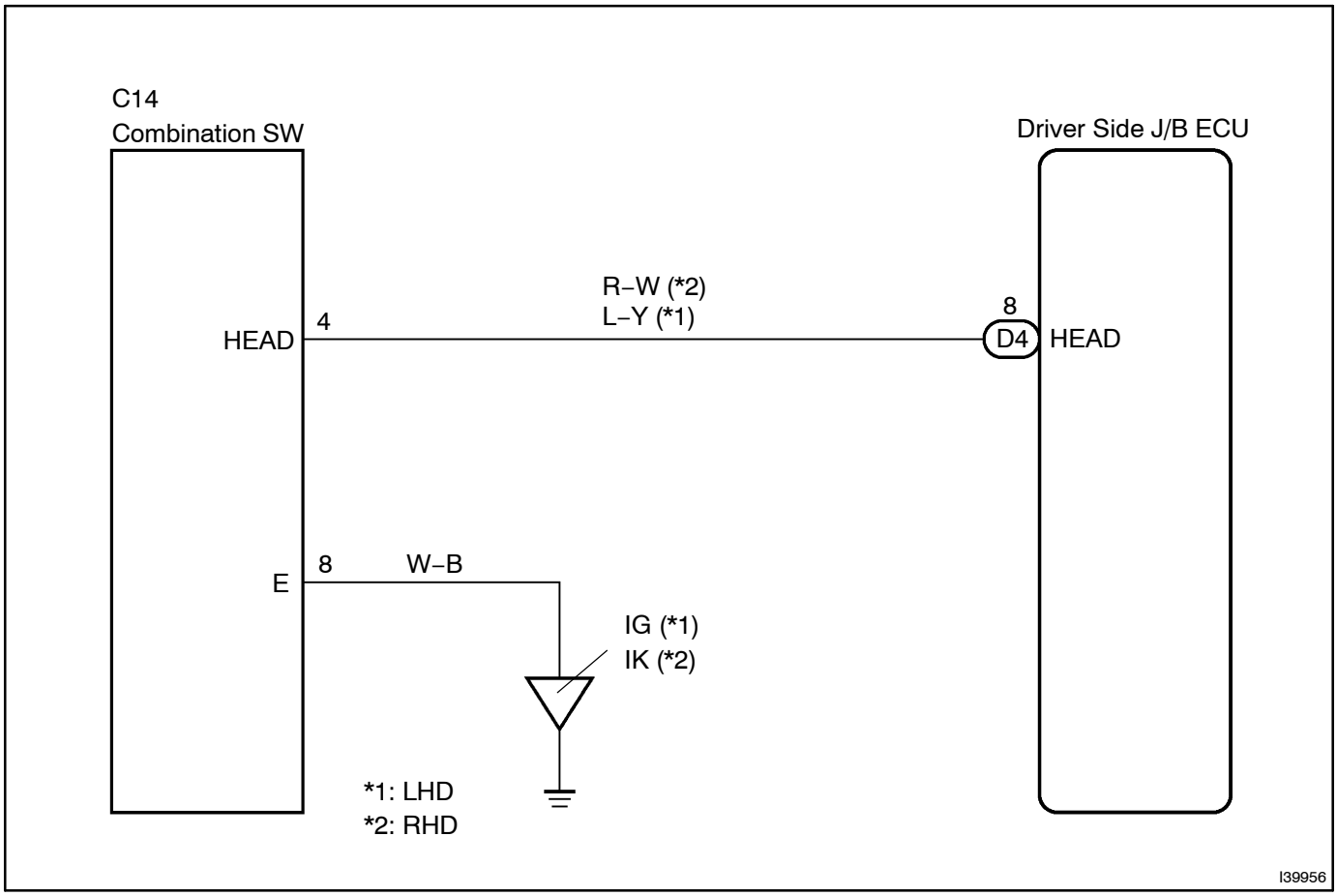
HEADLIGHT SIGNAL CIRCUIT

CIRCUIT DESCRIPTION

The driver side J/B ECU receives the HEAD position signal of light control switch to operate the HEAD relay. The HEAD position signal is also transmitted to the driver side J/B ECU by the multiplex network communication system and the back–up communication bus.

WIRING DIAGRAM



INSPECTION PROCEDURE

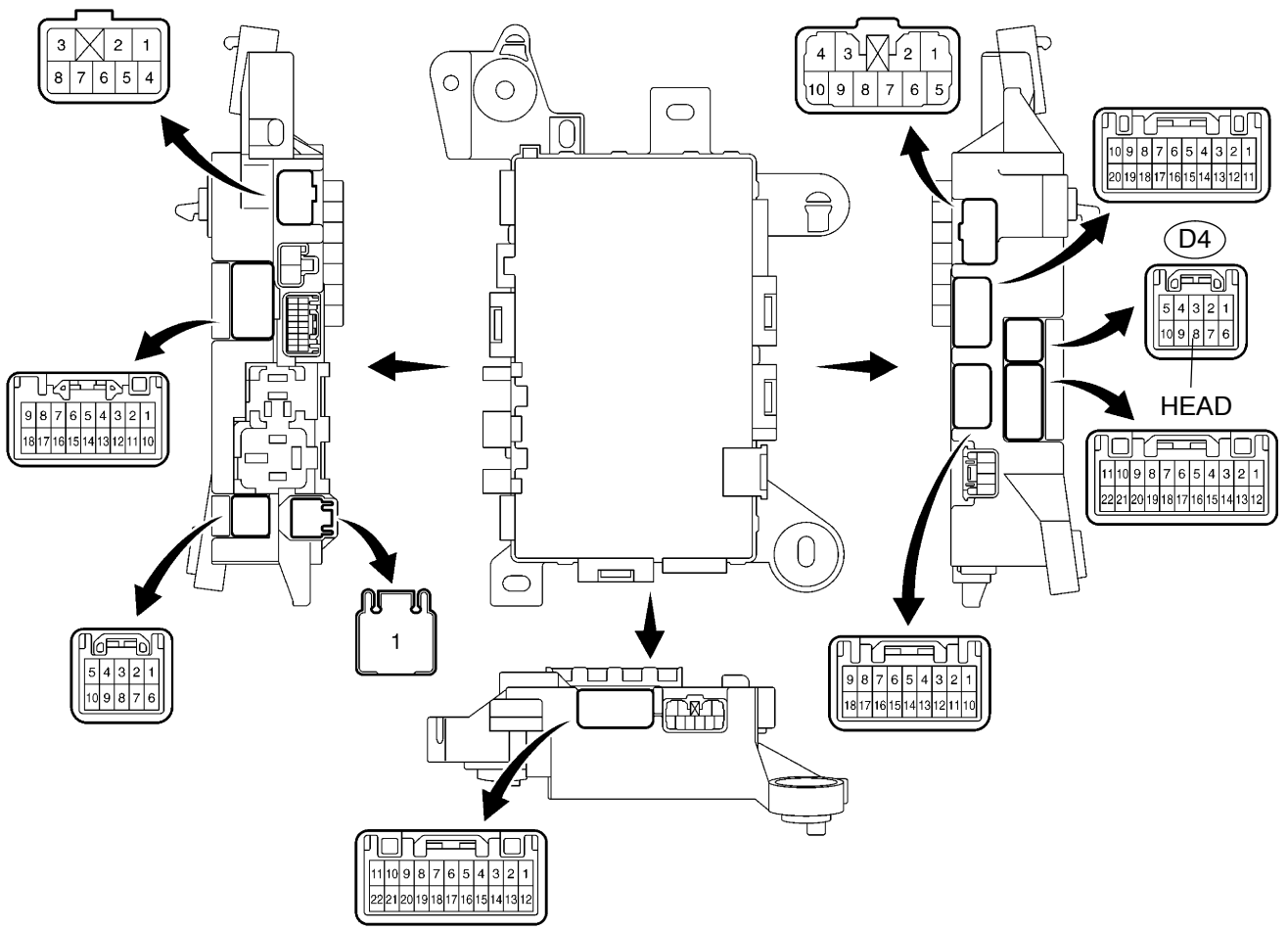
1	CHECK HARNESS AND CONNECTOR(HEADLIGHT SIGNAL CIRCUIT)

(a) Disconnect the D4 connector from the driver side junction block.
(b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Condition	Specified Condition
D4–8 – Body ground	Light control switch in HEAD position	Below 1 Ω
D4–8 – Body ground	Light control switch in except HEAD position	10 kΩ or higher

Driver Side Junction Block
Connector Front View:



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HINT:
This illustration is for RHD model. The RHD and LHD models are symmetrical.

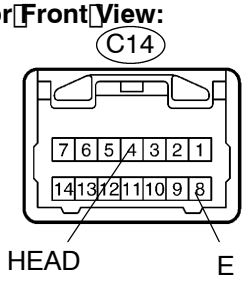
NG → Go to step 2

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05–1369)

2 INSPECT TURN SIGNAL SWITCH ASSY(COMBINATION SWITCH)

Combination Switch
Connector Front View:



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(a) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Condition	Specified Condition
C14–4 – C14–8	Light control switch in HEAD position	Below 1 Ω
C14–4 – C14–8	Light control switch in except HEAD position	10 kΩ or higher

NG → **REPLACE TURN SIGNAL SWITCH ASSY (SEE PAGE 65–25)**

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR (COMBINATION SWITCH – DRIVER SIDE JUNCTION BLOCK ASSY)