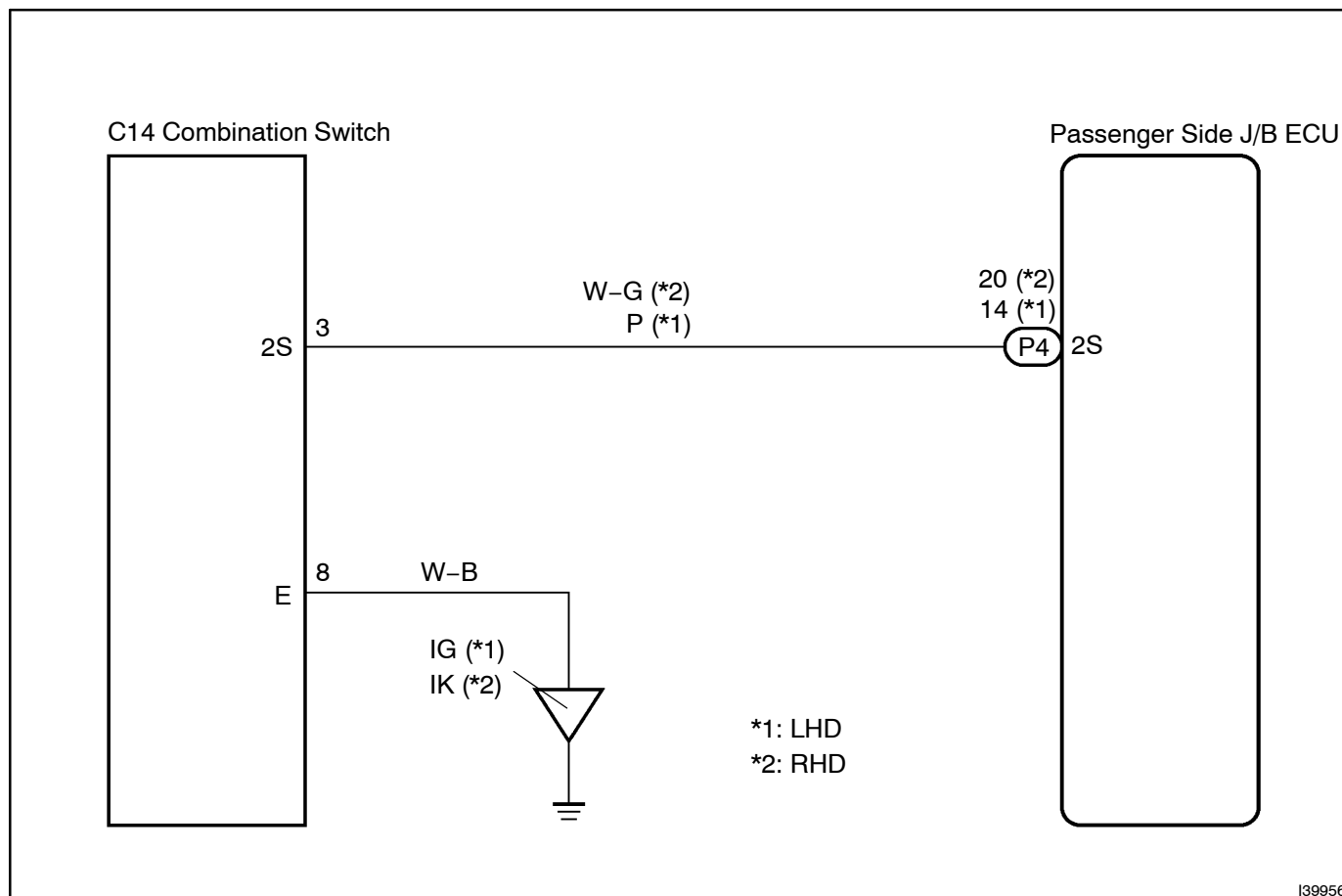# WIPER SWITCH (HI SPEED) CIRCUIT

CIRCUIT DESCRIPTION

The passenger side junction block ECU receives the HI position signal of the wiper switch to operate the wiper motor at HI speed.

Even if the ECU malfunctions, its circuit structure enables it to operate the wiper in HI operation mode.

WIRING DIAGRAM

C14 Combination Switch

Passenger Side J/B ECU

W–G (*2)
P (*1)

20 (*2)
14 (*1)

2S   3

P4   2S

E   8   W–B

IG (*1)
IK (*2)

*1: LHD
*2: RHD

I39956

1	INSPECT PASSENGER SIDE JUNCTION BLOCK

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

LHD:

Tester connection	Condition	Specified condition
P4−14 – Body ground	Wiper switch in except HI position	10 to 14 V
P4−14 – Body ground	Wiper switch in HI position	Below 1 V

RHD:

Tester connection	Condition	Specified condition
P4−20 – Body ground	Wiper switch in except HI position	10 to 14 V
P4−20 – Body ground	Wiper switch in HI position	Below 1 V

Passenger Side Junction Block
Connector Front View:

*1: LHD
*2: RHD
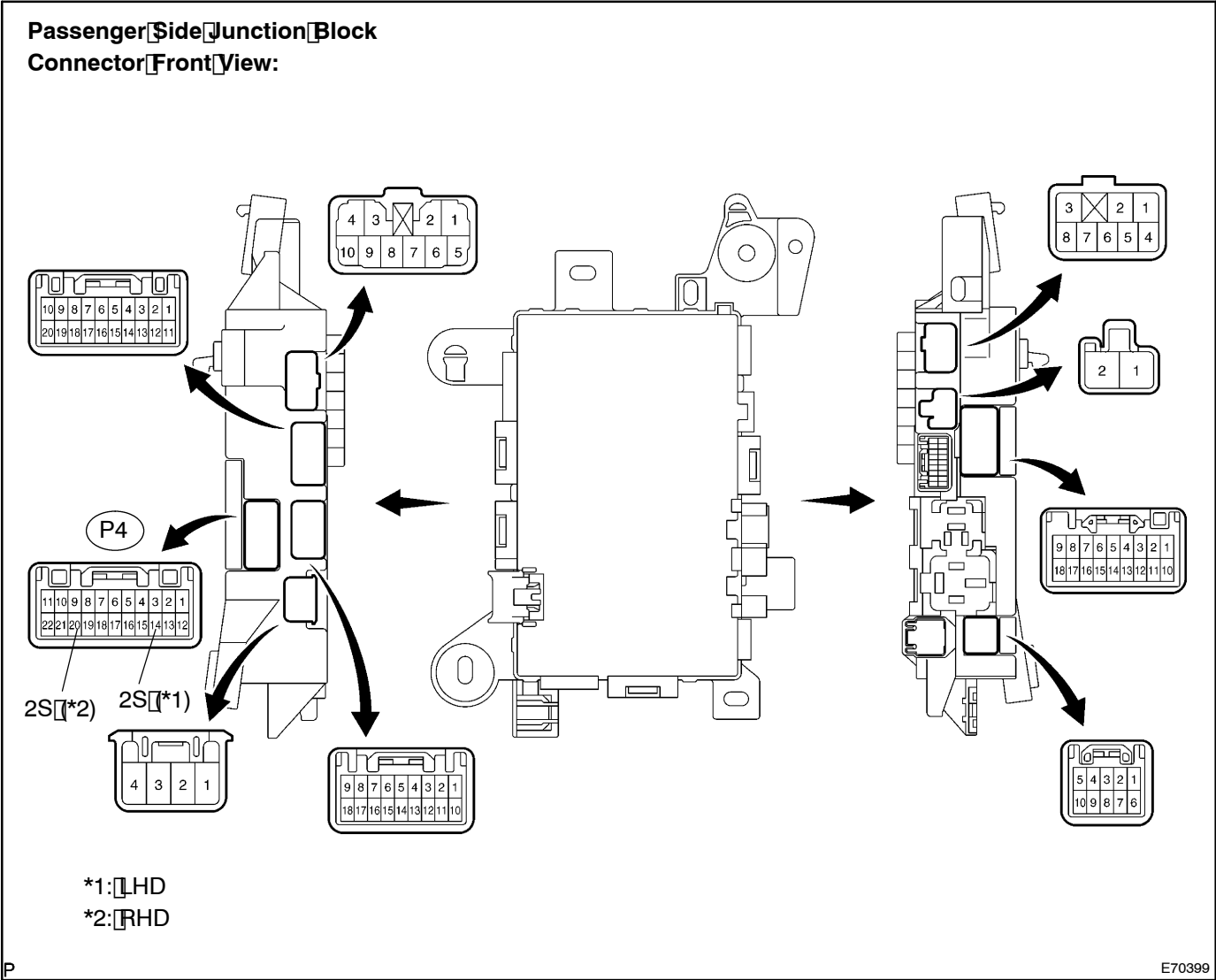
HINT:
This illustration is for RHD model. The RHD and LHD models are symmetrical.
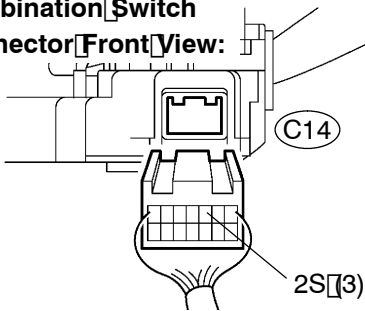
NG	Go to step 2

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05−1582)

2	INSPECT TURN SIGNAL SWITCH ASSY(COMBINATION SWITCH) (SIGNAL CIRCUIT)

Combination Switch Connector Front View:

C14

2S (3)

N   I37545

(a) Disconnect the combination switch connector.

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

Standard:

Tester connection	Condition	Specified condition
C14–3 – Body ground	Ignition switch ON	10 to 14 V

NG ⟩ **Go to step 4**

OK

3	INSPECT TURN SIGNAL SWITCH ASSY(COMBINATION SWITCH)

Combination Switch Connector Front View:

C14

7 6 5 4 3 2 1
14 13 12 11 10 9 8

2S   E

E50770   E72784
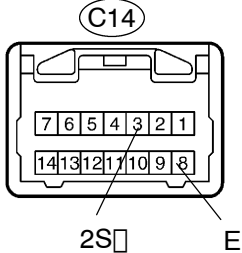
(a) Measure the resistance according to the value(s) in the table below.

Standard:

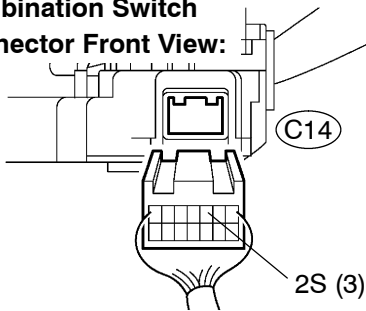| Tester connection	Condition	Specified condition
C14–3 – C14–8	Wiper switch in HI position	Below 1 Ω
C14–3 – C14–8	Wiper switch in except HI position	10 kΩ or higher

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

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR (GROUND CIRCUIT)

4	CHECK HARNESS AND CONNECTOR(COMBINATION SWITCH – PASSENGER SIDE JUNCTION BLOCK)

Combination Switch Connector Front View:

(a) Disconnect the P4 connector from the passenger side junction block.

(b) Measure the resistance according to the value(s) in the table below.
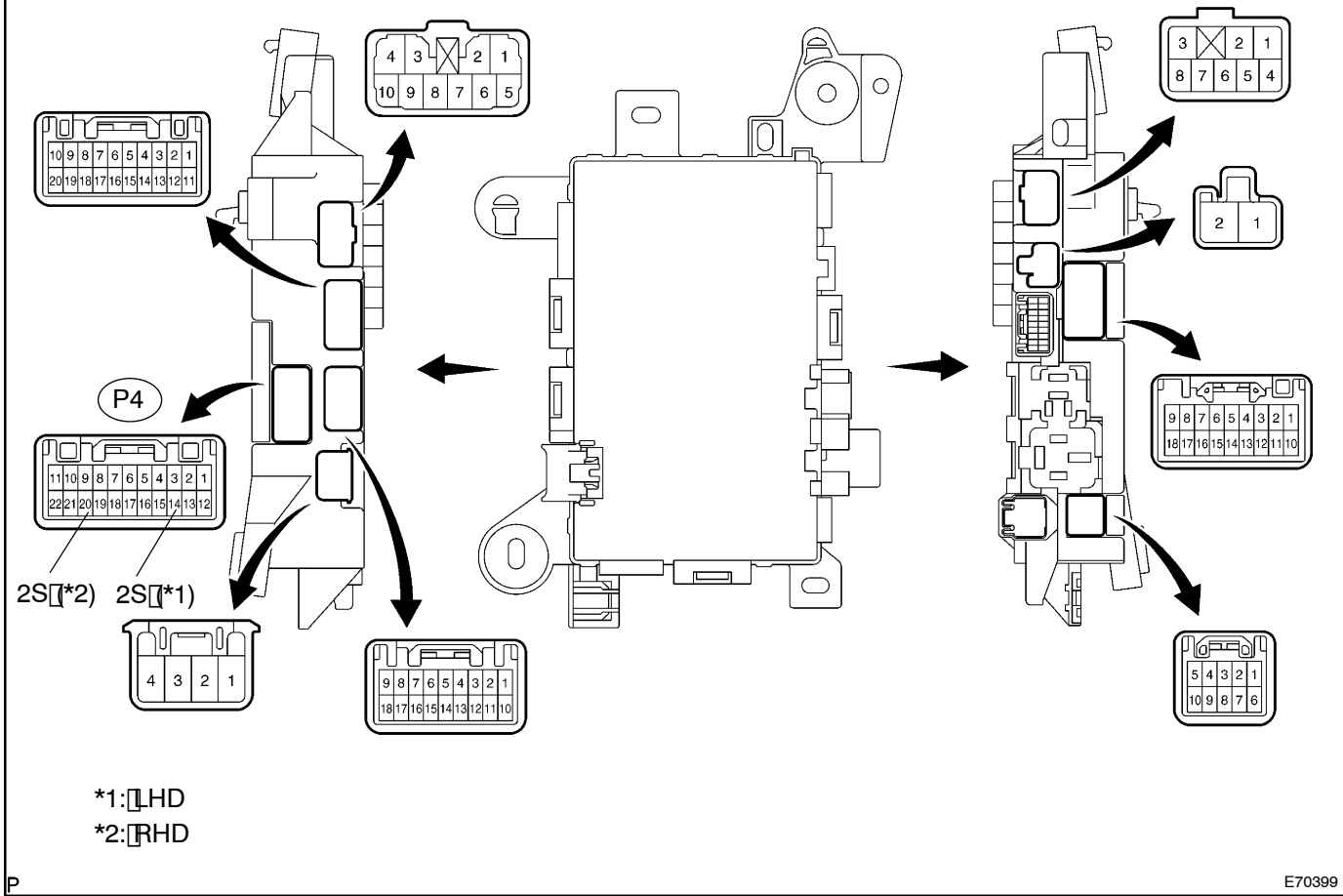
Standard:

LHD:

Tester connection	Condition	Specified condition
C14−3 – P4−14	Always	Below 1 Ω
P4−14 – Body ground	Always	10 kΩ or higher

RHD:

Tester connection	Condition	Specified condition
C14−3 – P4−20	Always	Below 1 Ω
P4−20 – Body ground	Always	10 kΩ or higher

**Passenger Side Junction Block
Connector Front View:**

*1: LHD
*2: RHD

E70399

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

NG ▷ REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE