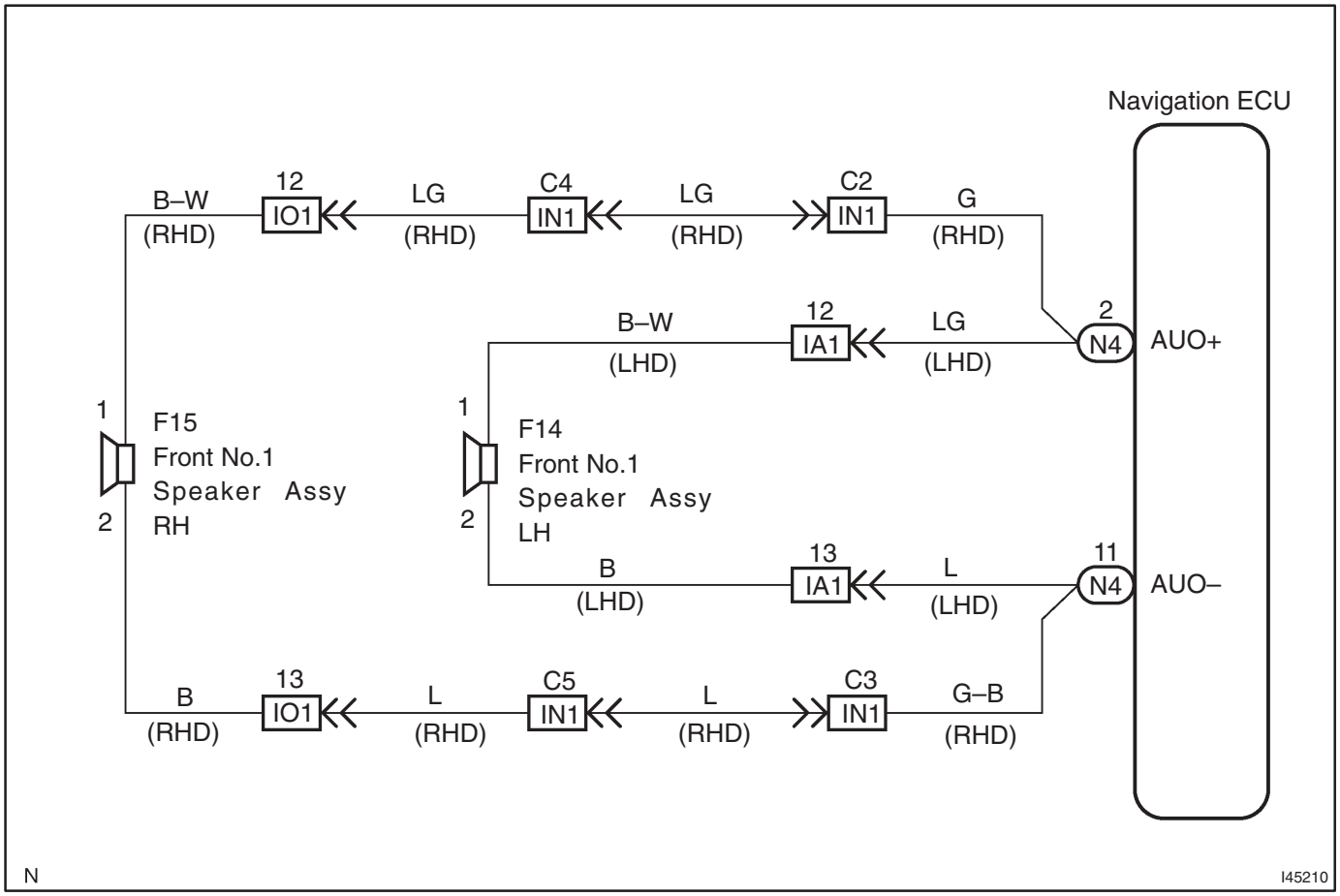
SPEAKER CIRCUIT (NAVIGATION VOICE)

CIRCUIT DESCRIPTION

This circuit is used when the voice guidance in the navigation system is on.

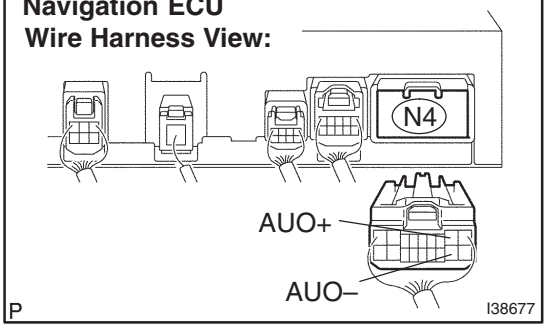
WIRING DIAGRAM



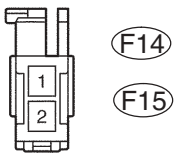
INSPECTION PROCEDURE

1	CHECK HARNESS AND CONNECTOR(FRONT NO.1 SPEAKER ASSY – NAVIGATION ECU)

Navigation ECU
Wire Harness View:



Front No.1 Speaker Assy
Connector Front View:



(a) Disconnect the navigation ECU connector N4 and front No.1 speaker assy connector F14 or F15.

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

Standard:

Tester connection	Condition	Specified condition
(F14–1)(*1) or (F15–1)(*2) – AUO+	Always	Below 1 Ω
(F14–2)(*1) or (F15–2)(*2) – AUO–	Always	Below 1 Ω
AUO+ – Body ground	Always	10 kΩ or higher
AUO– – Body ground	Always	10 kΩ or higher

*1: LHD
*2: RHD

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

2	INSPECT FRONT NO.1 SPEAKER ASSY

(a) Resistance check.
(1) Measure the resistance between the terminals of the speaker.

NOTICE:

The speaker should not be removed for checking.

Standard: Approximately 4 Ω

NG → **REPLACE FRONT NO.1 SPEAKER ASSY (SEE PUB. NO. RM990E, PAGE 67–10)**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05–1309)