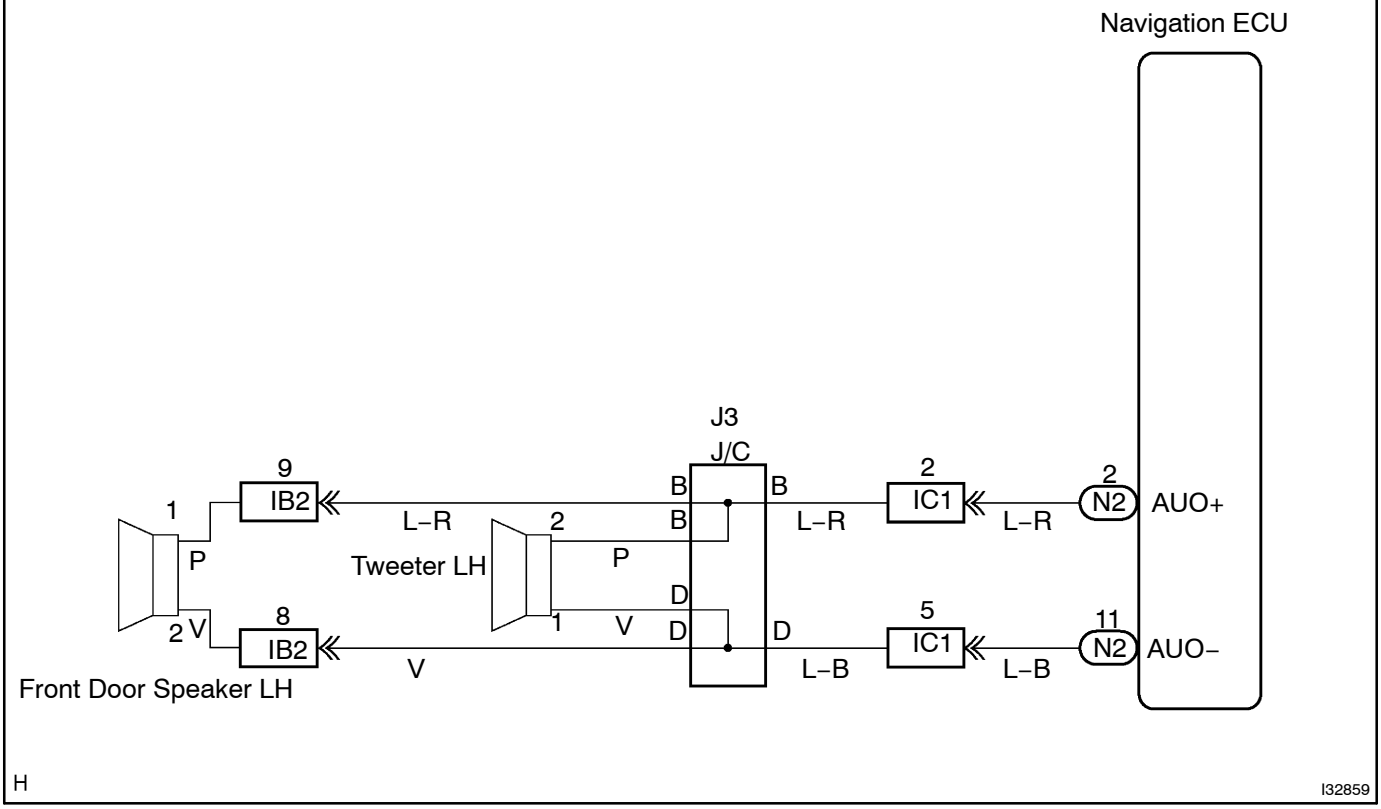
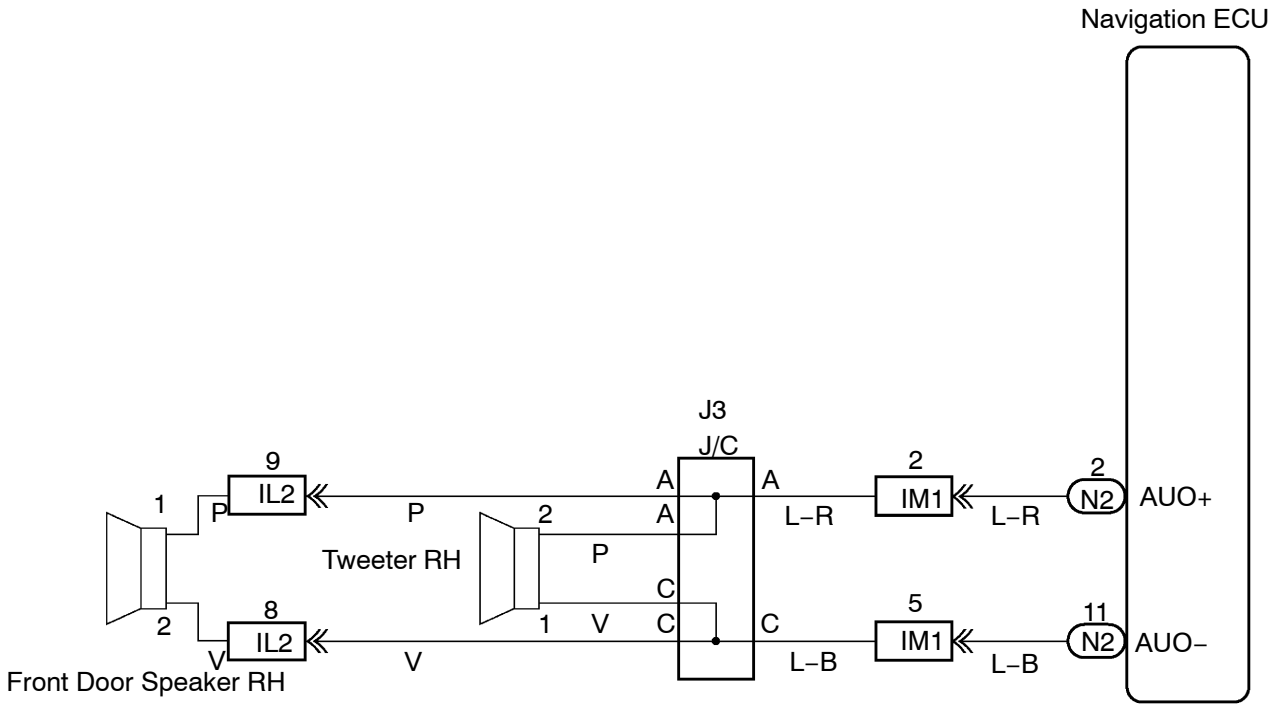
NO VOICE NAVIGATION

WIRING DIAGRAM

LHD models:



RHD models:


Navigation ECU
J3
J/C
9
IL2
P
1
P
2
IM1
2
N2
AUO+
A
A
L–R
L–R
2
A
Tweeter RH
P
C
8
IL2
V
2
V
1
V
C
C
5
IM1
11
N2
AUO–
L–B
L–B
Front Door Speaker RH
H
I32859

INSPECTION PROCEDURE

1	CHECK SETTING(THE VOLUME OF THE NAVIGATION SOUND)

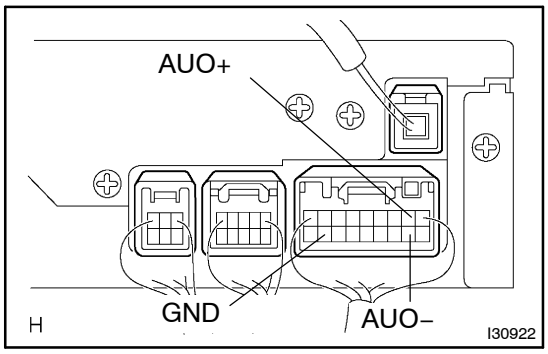
(a) Check the settings.
(1) Set the volume MAX at the voice sound settings on the menu.
STANDARD: Vocalize ”This system will guide you in the volume”

HINT:
- In the following cases, no voice sound guidance is made even if the system is normal.
- When the destination is not set.
- When not running on the route (the remaining distance at the left bottom on the present point is not displayed)
- When ”other modes guidance” is not set (voise sound guidance is made only on the map screen)

OK > **NORMAL**

NG

2	INSPECT NAVIGATION ECU(AUO+, AUO–)



(a) Check signal waveform.
(1) Using an oscilloscope, check signal waveform between terminals AUO+, AUO– and GND of navigation ECU.

Standard:

Terminal	Condition	Specified condition
AUO+ ⇔ GND	Audio system is sounding	A waveform synchronized with sound is output
AUO– ⇔ GND	Audio system is sounding	A waveform synchronized with sound is output

NG > **CHECK AND REPLACE NAVIGATION ECU**

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR

3	INSPECT FRONT NO.1 SPEAKER ASSY

(a) Check continuity.
(1) Check that the continuity exists between terminals of font No.1 speaker.
Standard: 2 – 8Ω

NG > **REPLACE FRONT NO.1 SPEAKER ASSY**

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR