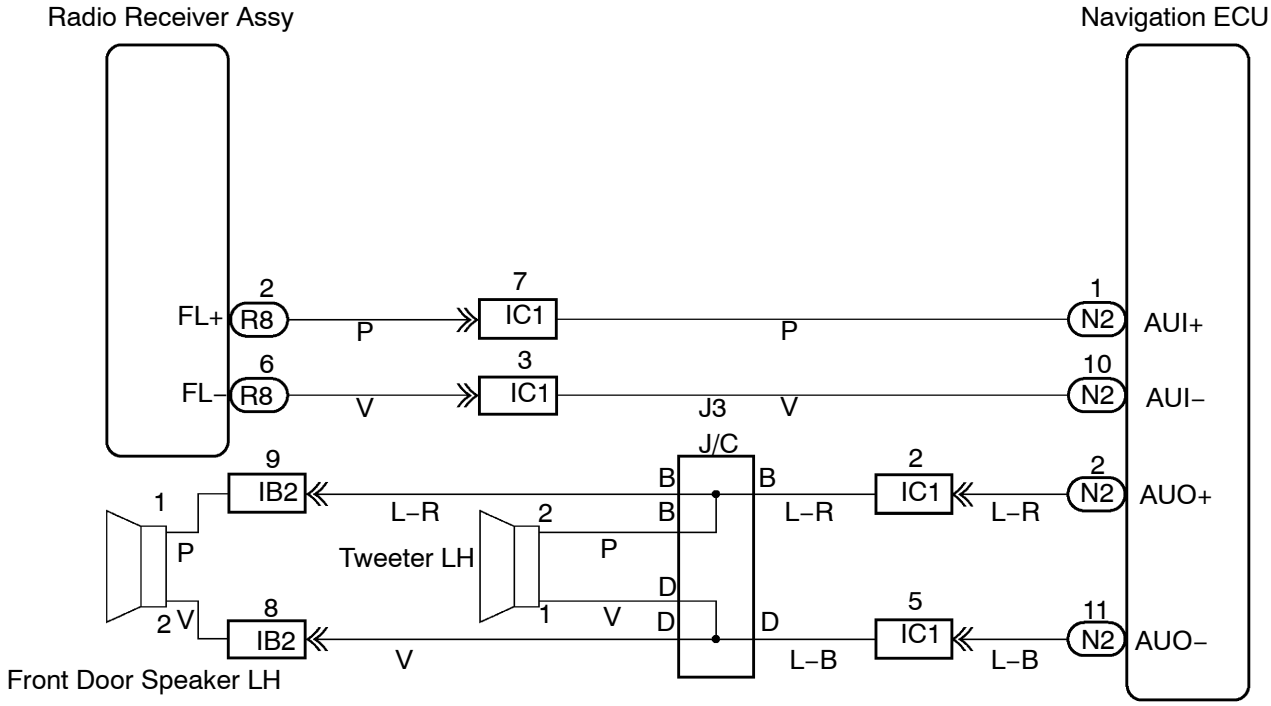
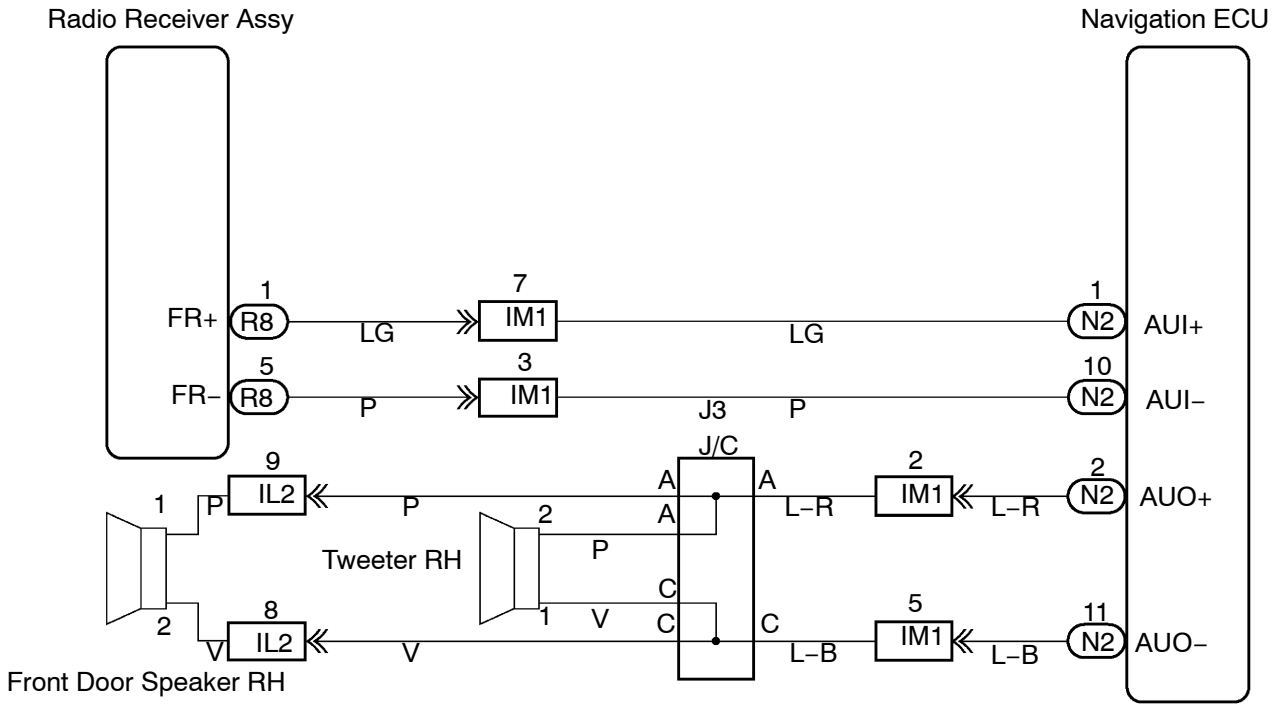
FRONT SPEAKER (DRIVER SIDE) ONLY IS NOT HEARD (RADIO, CASETTE TAPE, CD)

WIRING DIAGRAM

LHD models:



RHD models:


Radio Receiver Assy
Navigation ECU
FR+
FR–
R8
IM1
N2
AUI+
AUI–
AUO+
AUO–
LG
P
J3
J/C
IL2
L–R
L–B
Tweeter RH
Front Door Speaker RH
H
I31826

INSPECTION PROCEDURE

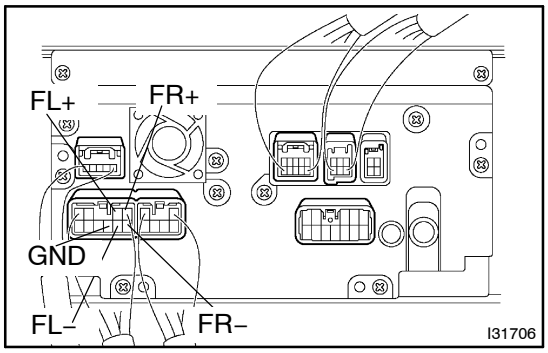
1	CHECK SETTING(THE VOLUE OF THE NAVIGATION VOICE SOUND)

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

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

OK

2	INSPECT RADIO RECEIVER ASSY(FL+, FL–, FR+, FR–)



(a) Remove the radio receiver assy with connectors with still connected.
(b) Using an oscilloscope, check signal waveform between terminals FL+(–), FR+(–) and GND of radio receiver assy.

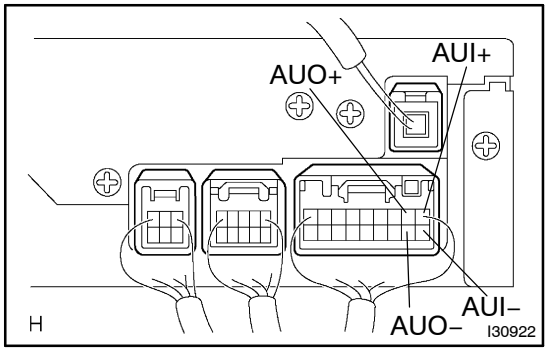
Standard:

Terminal	Condition	Specified condition
FL+(–) ⇔ GND	While voice sound is being produced	A waveform synchronized with sound is output
FR+(–) ⇔ GND	While voice sound is being produced	A waveform synchronized with sound is output

NG > **REPAIR OR REPLACE RADIO RECEIVER ASSY**

OK

3	INSPECT NAVIGATION ECU(AUO+, AUO–)



(a) Check continuity.
(1) Check that the continuity exists between each terminals, as shown in the chart.

Standard:

Terminal	Condition	Specified condition
AUI+ ⇔ AUO+	Constant	Continuity
AUI– ⇔ AUO–	Constant	Continuity

NG > **REPAIR OR REPLACE NAVIGATION ECU**

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR

4	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