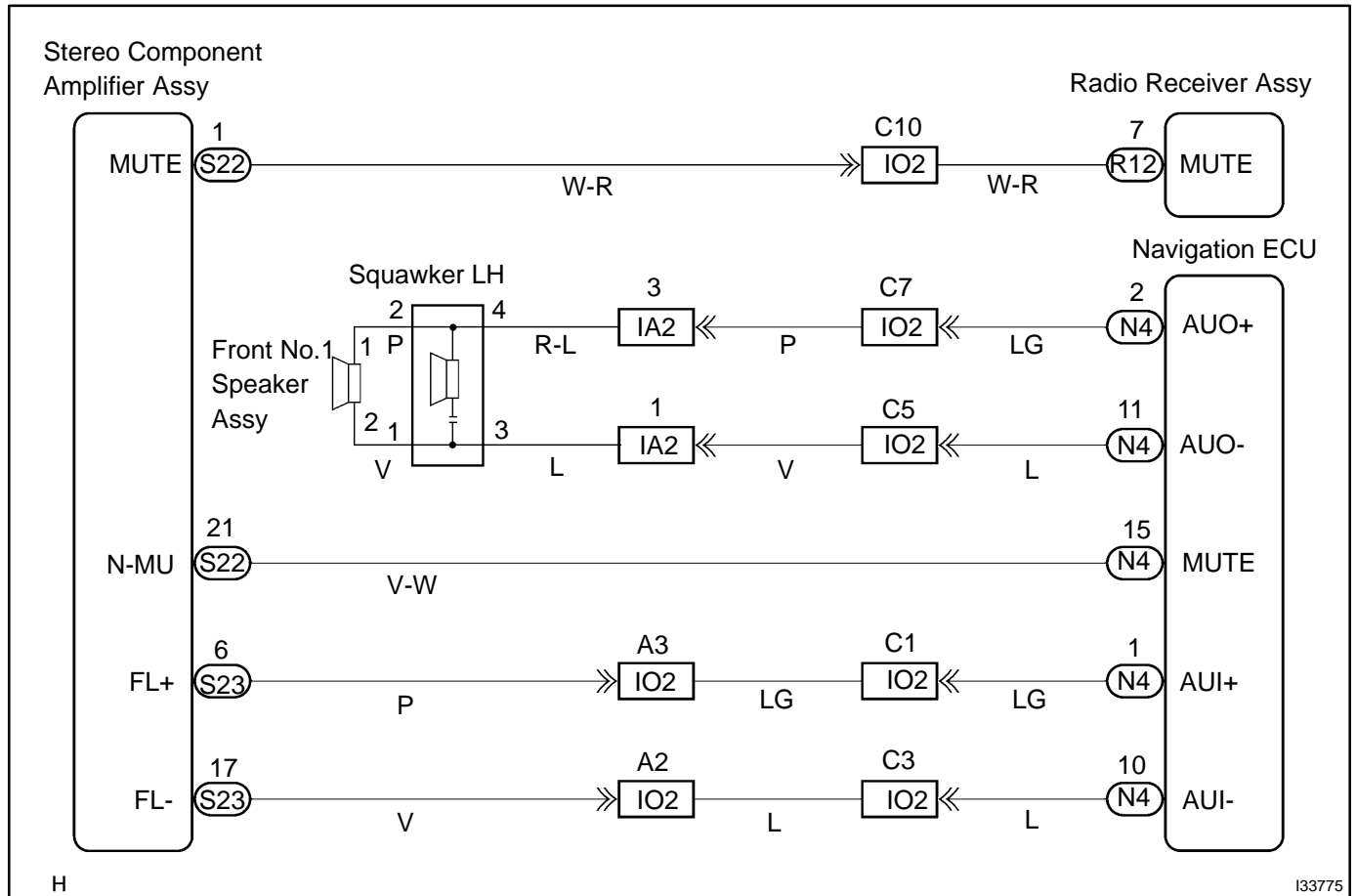


FRONT SPEAKER (DRIVER SIDE) ONLY IS NOT HEARD (RADIO, CASSETTE TAPE, CD)

WIRING DIAGRAM



INSPECTION PROCEDURE

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

(a) Check the settings

(1) Set the volume MAX at the voice sound settings on the menu.

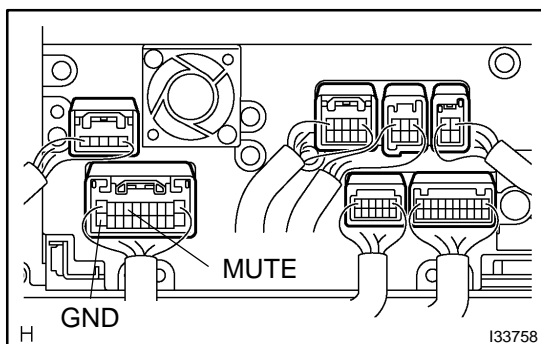
STANDARD: "This system will guide you in this volume" is produced.

NG

Go to step 6

OK

2 INSPECT RADIO RECEIVER ASSY(MUTE, GND)



(a) Remove the radio receiver assy with connectors with still connected.

(b) Using an oscilloscope, check signal waveform between terminals MUTE and GND of radio receiver assy.

Standard:

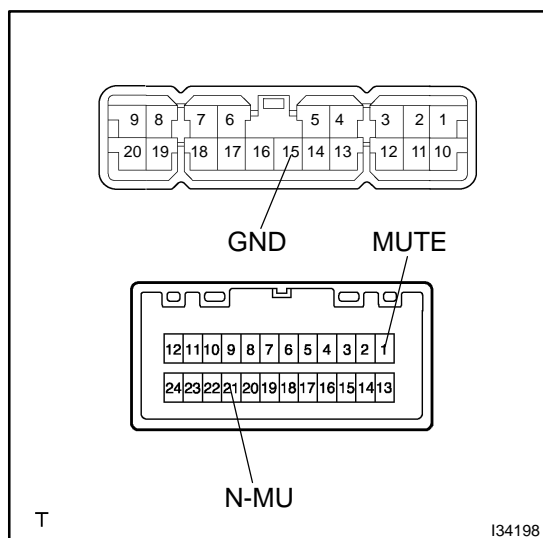
Terminal	Condition	Specified condition
MUTE ↔ GND	While voice sound is being produced	3.5V or more

NG

CHECK AND REPLACE RADIO RECEIVER ASSY

OK

3 INSPECT STEREO COMPONENT AMPLIFIER ASSY(MUTE, GND)



(a) Remove the stereo component amplifier assy with connectors with still connected.

(b) Using an oscilloscope, check signal waveform between terminals MUTE (N-MU) and GND of stereo component amplifier assy.

Standard:

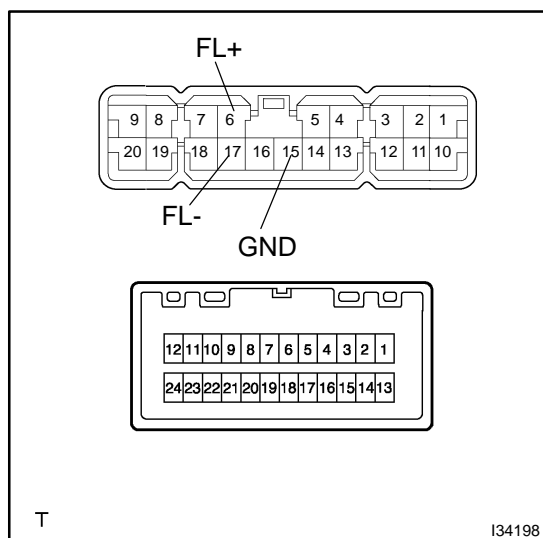
Terminal	Condition	Specified condition
MUTE (N-MU) ↔ GND	While voice sound is being produced	A waveform synchronized with sound is output

NG

CHECK AND REPLACE STEREO COMPONENT AMPLIFIER ASSY

OK

4 INSPECT STEREO COMPONENT AMPLIFIER ASSY(OUTPUT SIGNAL)



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

Standard:

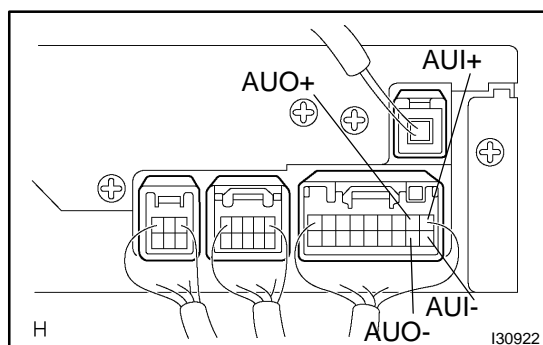
Terminal	Condition	Specified condition
FL+ \leftrightarrow GND	While voice sound is being produced	A waveform synchronized with sound is output
FL- \leftrightarrow GND	While voice sound is being produced	A waveform synchronized with sound is output

NG

CHECK AND REPLACE STEREO COMPONENT AMPLIFIER ASSY

OK

5 INSPECT NAVIGATION ECU(INPUT SIGNAL)



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

Standard:

Terminal	Condition	Specified condition
AUI+ \leftrightarrow AUO+	Constant	Continuity
AUI- \leftrightarrow AUO-	Constant	Continuity

NG

CHECK AND REPLACE NAVIGATION ECU

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR

6 INSPECT FRONT NO.1 SPEAKER ASSY

- (a) Check continuity.
 - (1) Check that the continuity exists between terminals of front No.1 speaker.

Standard: 2-8Ω

NG

REPLACE FRONT NO.1 SPEAKER ASSY

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR