MUTE SIGNAL CIRCUIT (STEREO COMPONENT AMPLIFIER ASSY – NAVIGATION ECU)

CIRCUIT DESCRIPTION

This circuit sends the signal to the stereo component amplifier to mute the noise. Because of that, the noise produced by changing the sound source ceases.
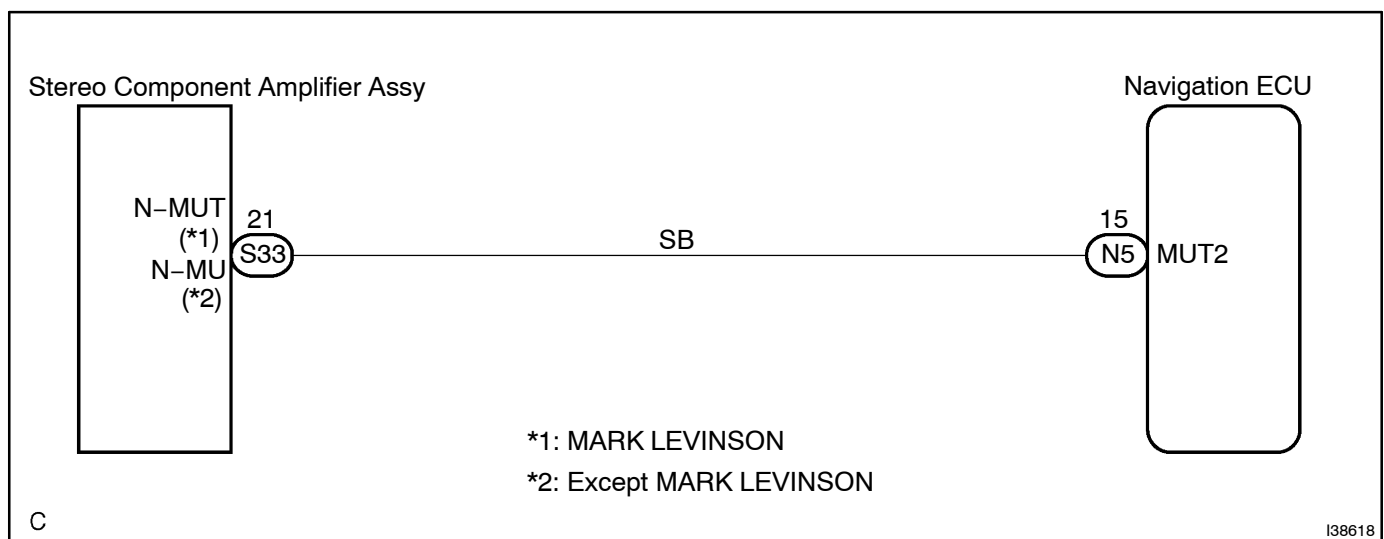
In addition, this circuit is used to mute the sound when the navigation system performs voice guide.

If there is an open in the circuit, noise can be heard from the speaker when changing the sound source.

When the vehicle is equipped with the navigation system, audio sound keeps coming out from the speaker on the driver's side while the voice navigation is in operation.
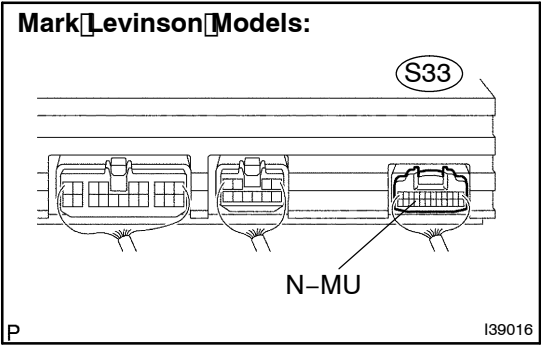
If there is a short in the circuit, even though the stereo component amplifier assy is normal, no sound or only extremely small sound can be produced.

WIRING DIAGRAM

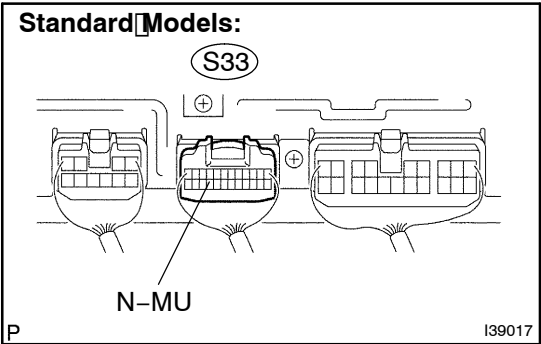Stereo Component Amplifier Assy

N–MUT (*1)
N–MU (*2)

21
S33

SB

15
N5 MUT2

Navigation ECU

*1: MARK LEVINSON
*2: Except MARK LEVINSON

C

I38618

INSPECTION PROCEDURE

| 1 | INSPECT STEREO COMPONENT AMPLIFIER ASSY |

Mark Levinson Models:

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

Standard:

Tester connection	Condition	Specified condition
N–MU – Body ground	Turn ignition switch to ACC, Audio system is playing → Changing	Above 3.5 V → Below 1 V

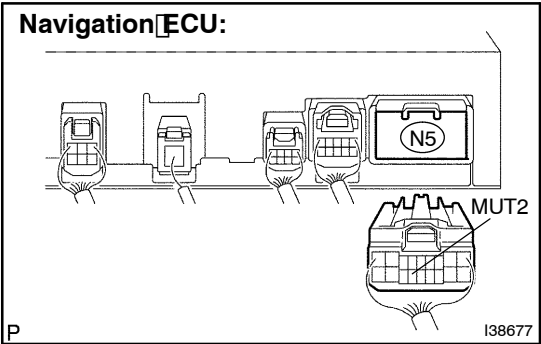**Standard Models:**

| NG > | Go to step 2 |

| OK |

| PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (SEE PAGE 05–1771) |

| 2	CHECK HARNESS AND CONNECTOR(NAVIGATION ECU – STEREO COMPONENT AMPLIFIER ASSY)

Navigation ECU:

I38677

(a) Disconnect the connectors from the stereo component amplifier assy S33 and navigation ECU N5.

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

Standard:

Tester connection	Condition	Specified condition
MUT2 – (N–MUT*1), (N–MU*2)	Always	Below 1 Ω
MUT2 – Body ground	Always	10 kΩ or higher

*1: Mark Levinson Models

*2: Standard Models

Stereo Component Amplifier Assy:
Mark Levinson Models:

I39015

Stereo Component Amplifier Assy:
Standard Models:

I39014
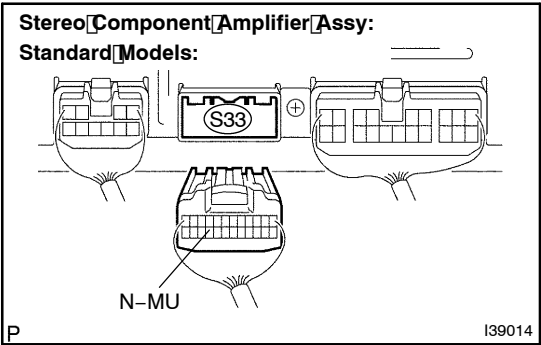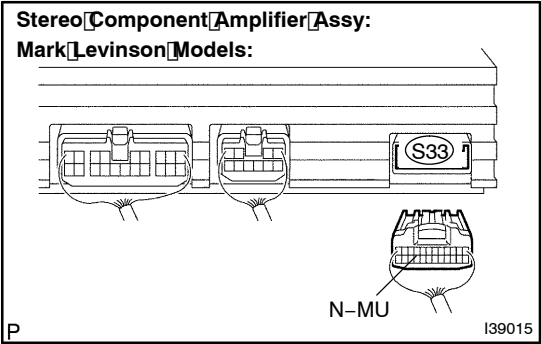
NG >	REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE RADIO RECEIVER ASSY (SEE PAGE 67−5)