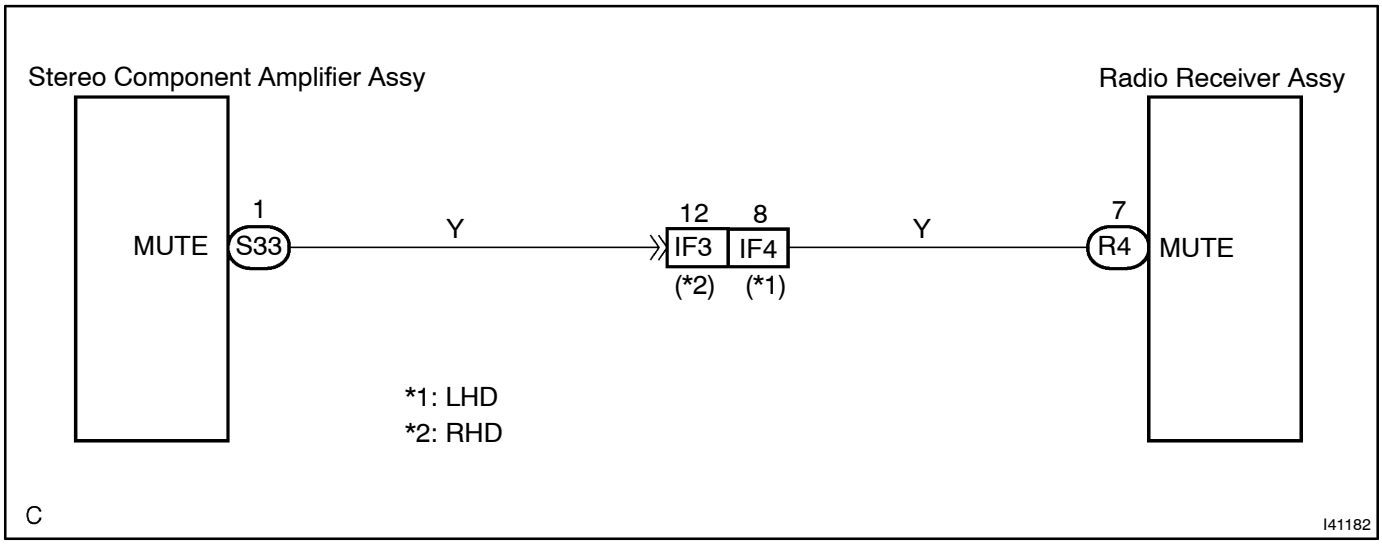
MUTE SIGNAL CIRCUIT (RADIO RECEIVER ASSY – STEREO COMPONENT AMPLIFIER ASSY)

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.

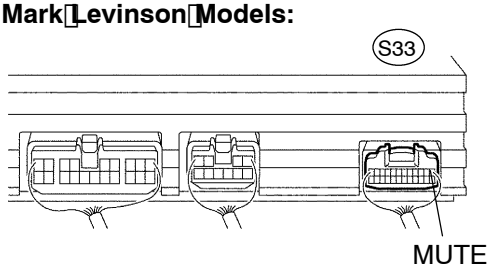
WIRING DIAGRAM



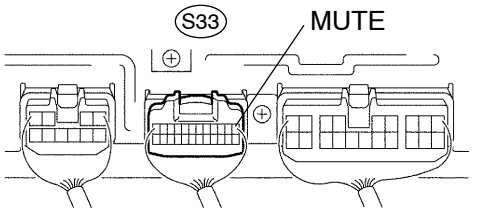
INSPECTION PROCEDURE

1	INSPECT STEREO COMPONENT AMPLIFIER ASSY

Mark Levinson Models:



Standard Models:



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

Standard:

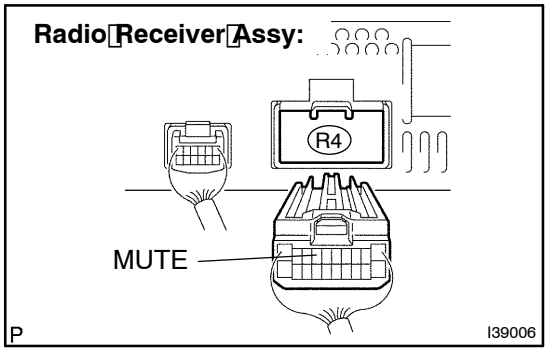
Tester connection	Condition	Specified condition
MUTE – Body ground	Turn ignition switch to ACC. Audio system is playing → Changing	Above 3.5 V → Below 1 V

NG → **Go to step 2**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (SEE PAGE 05–1560)

2	CHECK HARNESS AND CONNECTOR(RADIO RECEIVER ASSY – STEREO COMPONENT AMPLIFIER ASSY)

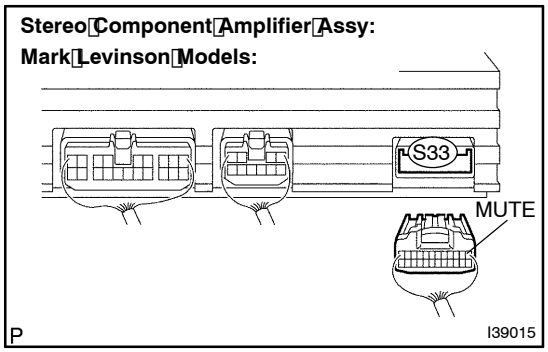


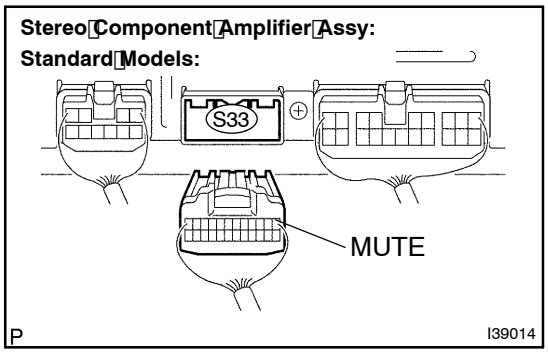
(a) Disconnect the connectors from the radio receiver assy R4 and stereo component amplifier assy S33.

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

Standard:

Tester connection	Condition	Specified condition
MUTE (R4) – MUTE (S33)	Always	Below 1 Ω
MUTE (R4 or S33) – Body ground	Always	10 kΩ or higher





NG → REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE RADIO RECEIVER ASSY (SEE PAGE 67–5)