

AMP Mute Signal Circuit (from Radio Receiver Assembly)

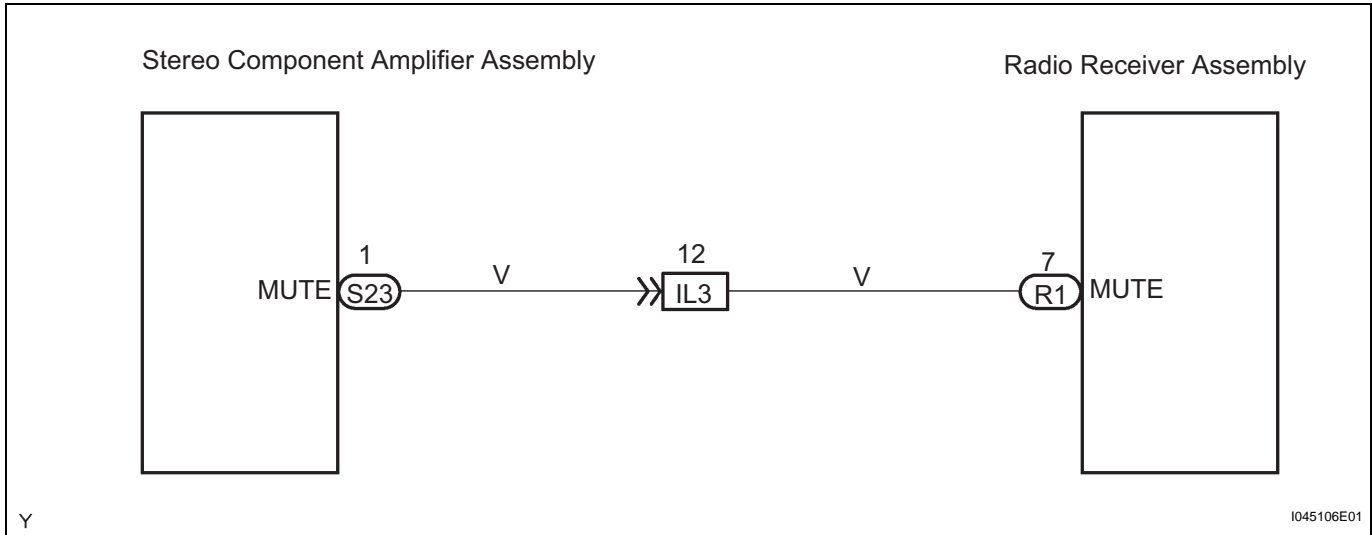
DESCRIPTION

This circuit sends a signal to the stereo component amplifier to mute the noise. Because of that, the noise produced while changing the sound source ceases.

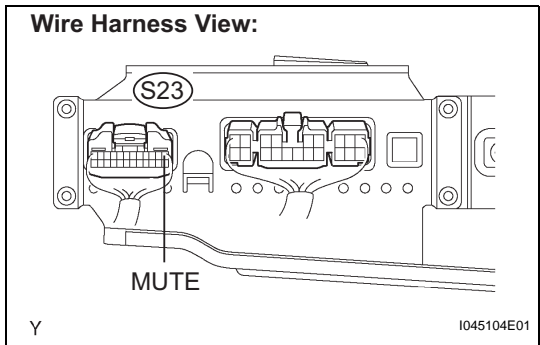
AV

If there is an open in the circuit, noise can be heard from the speaker when changing the sound source. If there is a short in the circuit, even though the stereo component amplifier assembly is normal, no sound or only extremely quiet sound is produced.

WIRING DIAGRAM



1 INSPECT STEREO COMPONENT AMPLIFIER ASSEMBLY



(a) Measure the voltage.

Standard

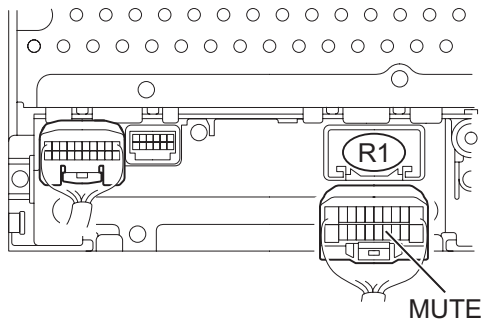
Tester Connection	Condition	Specified Condition
MUTE (S23-1) - Body ground	Turn ignition switch to ACC, Audio system is playing → Changing	Above 3.5 V → Below 1 V

OK → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**

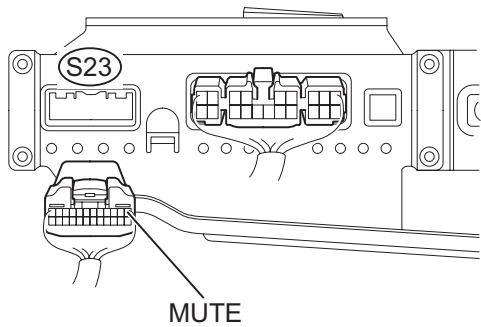
NG

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

Radio Receiver Assembly Wire Harness View:



Stereo Component Amplifier Assembly Wire Harness View:



- (a) Disconnect the R1 radio receiver assembly connector and S23 stereo component amplifier assembly connector.
- (b) Check the resistance.

Standard

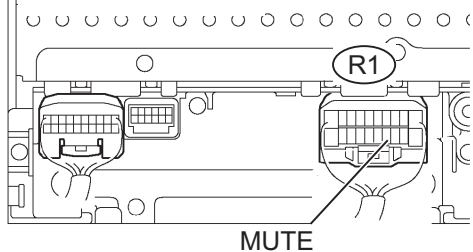
Tester Connection	Condition	Specified Condition
MUTE (R1-7) - MUTE (S23-1)	Always	Below 1Ω
MUTE (R1-7) - Body ground	Always	10 kΩ or higher

NG REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

3 INSPECT RADIO RECEIVER ASSEMBLY

Wire Harness View:



- (a) Reconnect the R1 stereo component amplifier assembly connector.
- (b) Turn the ignition switch to the ACC position.
- (c) Measure the voltage.

Standard

Tester Connection	Condition	Specified Condition
MUTE (R1-7) - Body ground	Turn ignition switch to ACC	3.5 V or higher

NG REPAIR OR REPLACE STEREO COMPONENT AMPLIFIER ASSEMBLY

OK

REPLACE RADIO RECEIVER ASSEMBLY