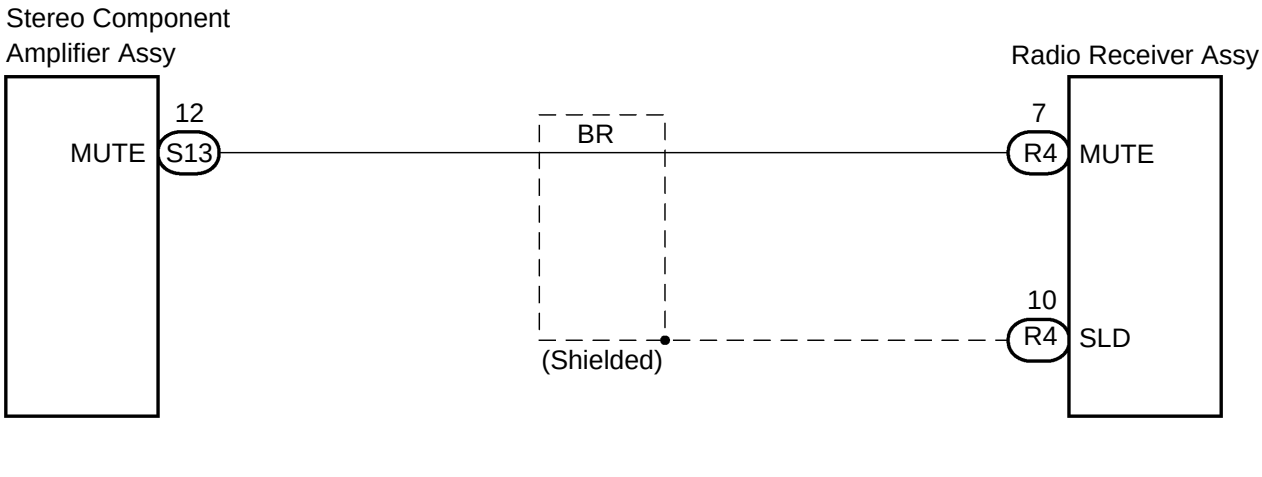
AMP MUTE SIGNAL CIRCUIT (FROM RADIO RECEIVER ASSY)

CIRCUIT DESCRIPTION

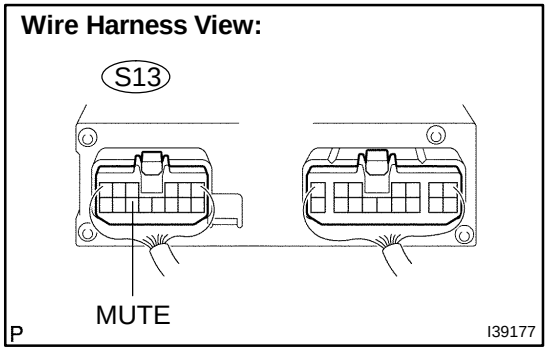
This circuit sends a signal to the stereo component amplifier to mute noise. Because of that, noise produced by changing the sound source ceases.
If there is an open in the circuit, noise can be heard from the speaker when changing the sound source.
If there is a short in the circuit, even though the stereo component amplifier assy is normal, no sound or only extremely small sound can be produced.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	INSPECT STEREO COMPONENT AMPLIFIER ASSY



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

Standard:

Tester connection	Condition	Specification
MUTE (S13−12) − Body ground	Turn ignition switch to ACC, Audio system is playing → Changing	Above 3.5 V → Below 1 V

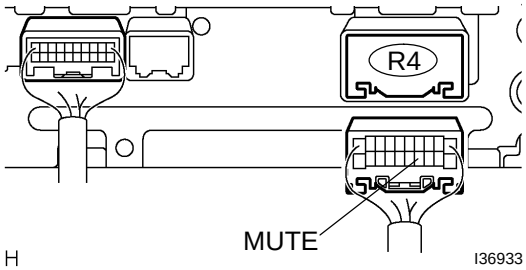
NG → **Go to step 2**

OK

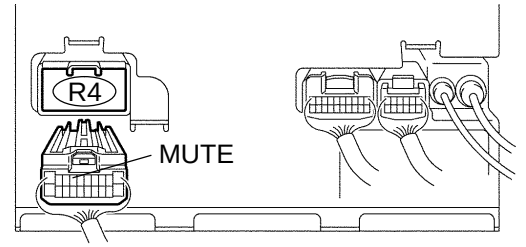
PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05−1829)

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

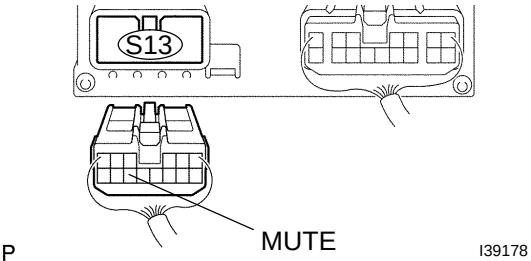
Radio Receiver Assy
Wire Harness View (w/ In−dash CD Changer):



Radio Receiver Assy
Wire Harness View (w/o In−dash CD Changer):



Stereo Component Amplifier Assy
Wire Harness View:



(a) Disconnect the radio receiver assy R4 connector and stereo component amplifier assy S13 connector.
(b) Measure the resistance according to the values in the table below.

Standard:

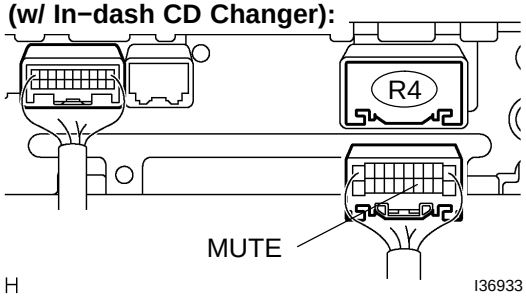
Tester connection	Condition	Specified condition
MUTE (R4−7) − MUTE (S13−12)	Always	Below 1 Ω
MUTE (R4−7)− Body ground	Always	10 kΩ or higher

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

3 INSPECT RADIO RECEIVER ASSY

Wire Harness View (w/ In−dash CD Changer):



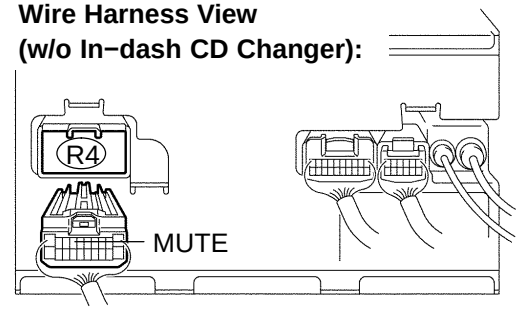
(a) Reconnect the stereo component amplifier assy connector S13.

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

Standard:

Tester connection	Condition	Specification
MUTE (R4−7) − Body ground	Turn ignition switch to ACC	Above 3.5 V

Wire Harness View (w/o In−dash CD Changer):



NG → **REPLACE STEREO COMPONENT AMPLIFIER ASSY (SEE PAGE 67−18)**

OK

REPLACE RADIO RECEIVER ASSY (SEE PAGE 67−4)