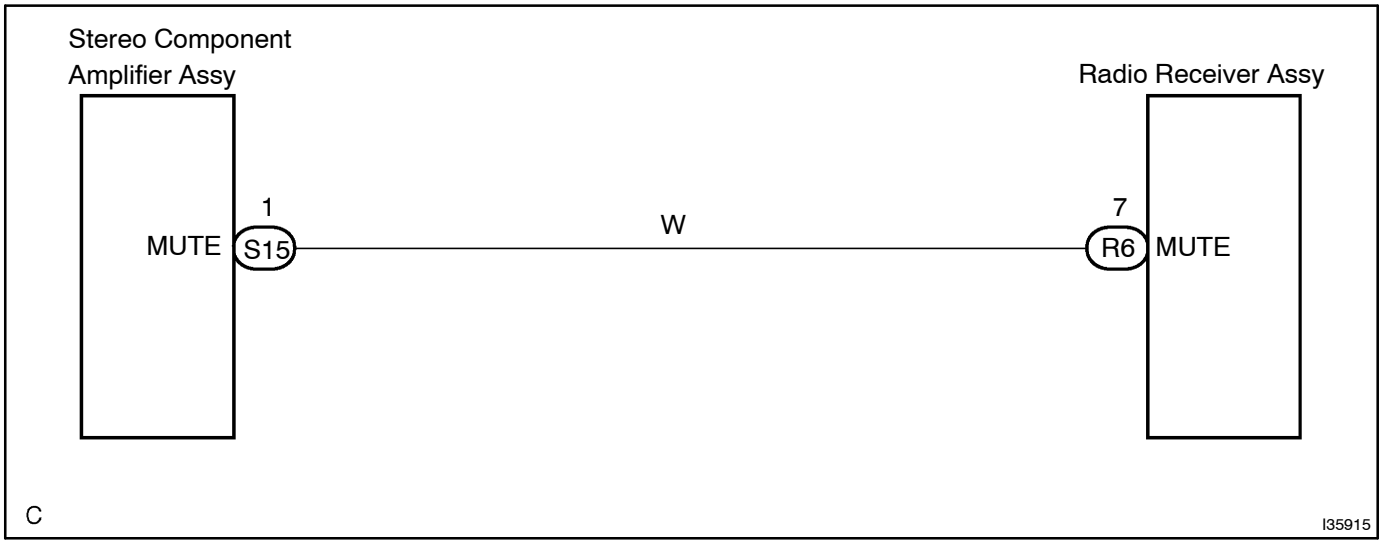
AMP MUTE SIGNAL CIRCUIT (FROM RADIO RECEIVER ASSY)

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.
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.

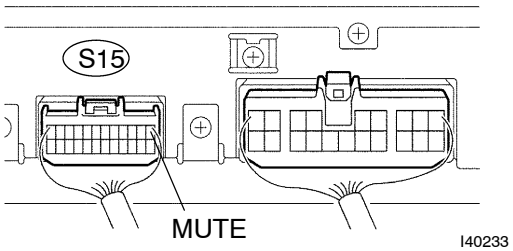
WIRING DIAGRAM



INSPECTION PROCEDURE

1	INSPECT STEREO COMPONENT AMPLIFIER ASSY

Wire Harness View:



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

Standard:

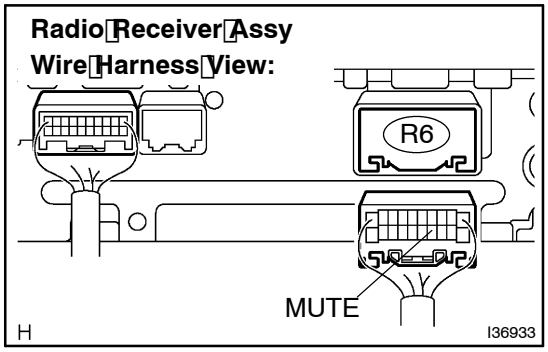
Tester connection	Condition	Specification
MUTE (S15–1) – Body ground	Power switch ON (ACC), Audio system is playing → Changing	Above 3.5 V → Below 1 V

NG → **Go to step 2**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05–1482)

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

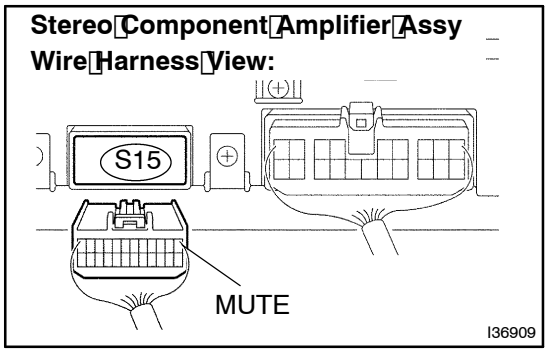


(a) Disconnect the radio receiver assy R6 connector and stereo component amplifier assy S15 connector.

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

Standard:

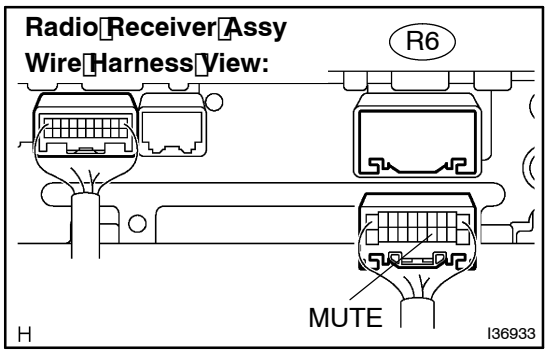
Tester connection	Condition	Specified condition
MUTE (R6–7) – MUTE (S15–1)	Always	Below 1 Ω
MUTE (R6–7) – Body ground	Always	10 kΩ or higher



NG → REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

3 INSPECT RADIO RECEIVER ASSY



(a) Reconnect the stereo component amplifier assy connector.

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

Standard:

Tester connection	Condition	Specification
MUTE (R6–7) – Body ground	Power switch ON (ACC)	Above 3.5 V

NG → REPLACE STEREO COMPONENT AMPLIFIER ASSY (SEE PAGE 67–25)

OK

REPLACE RADIO RECEIVER ASSY (SEE PAGE 67–5)