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Model Year Start: 2006	Model: IS350	Prod Date Range: [08/2005 -]
Title: AUDIO / VISUAL: AUDIO AND VISUAL SYSTEM: Mute Signal Circuit between Radio Receiver and Stereo Component Amplifier; 2006 MY IS250 IS350 [08/2005 -]		

Mute Signal Circuit between Radio Receiver and Stereo Component Amplifier

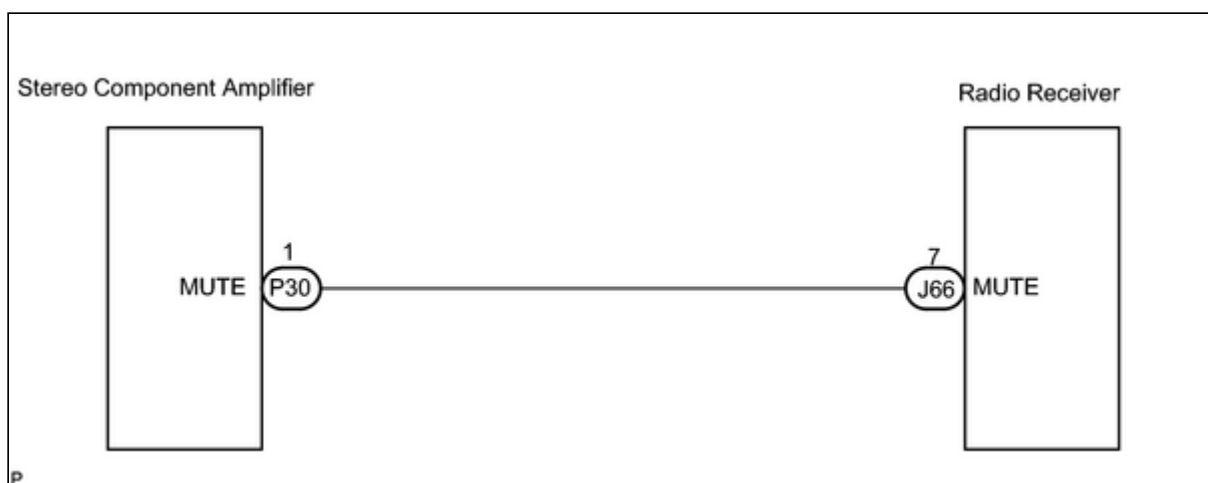
DESCRIPTION

This circuit sends a signal to the stereo component amplifier to mute 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 speakers when changing the sound source.

If there is a short in the circuit, even though the stereo component amplifier is normal, no sound, or only an extremely small sound, can be produced.

WIRING DIAGRAM



INSPECTION PROCEDURE

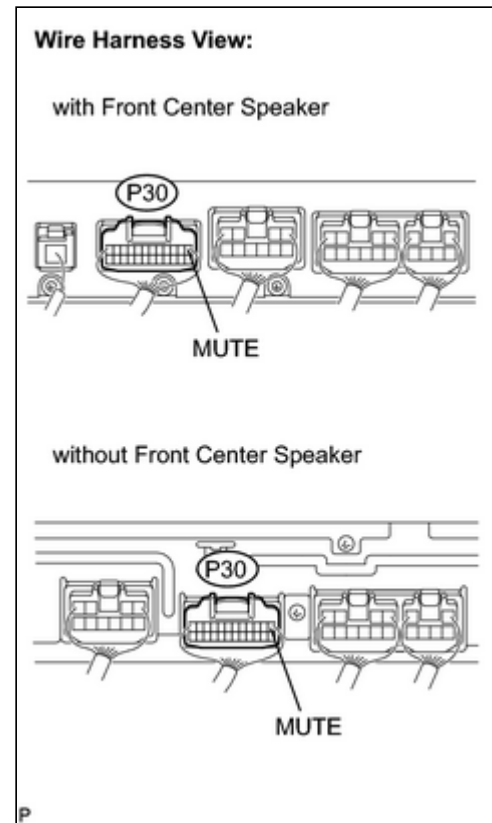
PROCEDURE

1.	INSPECT STEREO COMPONENT AMPLIFIER
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(a) Measure the voltage according to the value(s) in the table below.

Standard voltage:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
MUTE - Body ground	Turn engine switch on (ACC), Audio system is playing → Changing	Above 3.5 V → Below 1 V



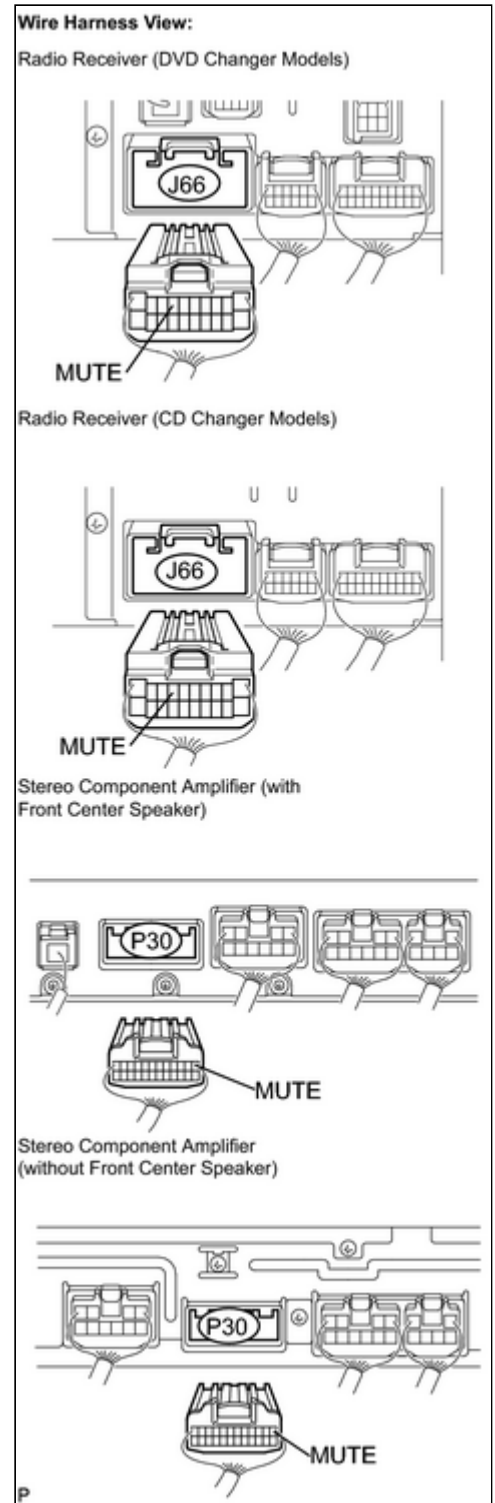
OK ▶ **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**

NG



2.	CHECK HARNESS AND CONNECTOR (RADIO RECEIVER - STEREO COMPONENT AMPLIFIER)
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- (a) Disconnect the radio receiver connector J66 and stereo component amplifier connector P30.



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

Standard resistance:

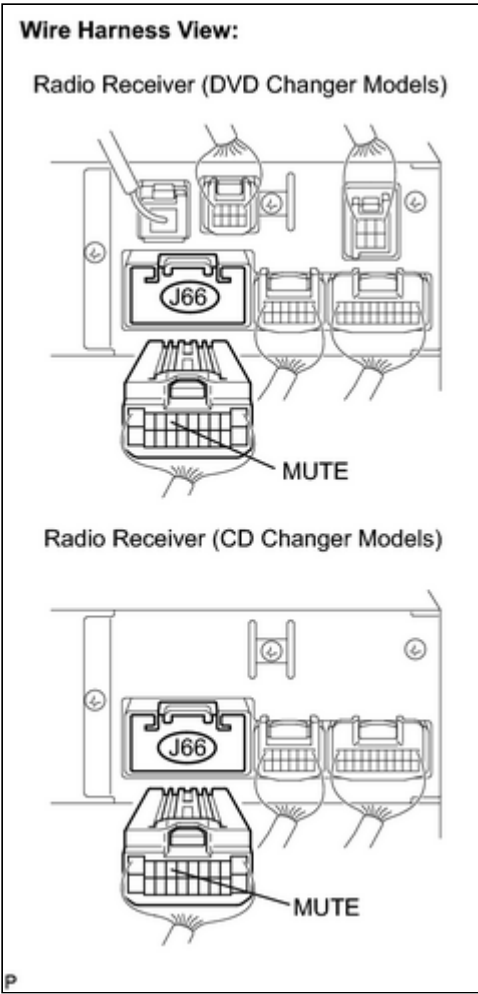
TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
MUTE - MUTE	Always	Below 1 Ω
MUTE - Body ground	Always	10 k Ω or higher

NG  **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK
▼

3.	INSPECT STEREO COMPONENT AMPLIFIER
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(a) Reconnect the stereo component amplifier connector P30.



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

Standard voltage:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
MUTE - Body ground	Turn engine switch on (ACC), Audio system is playing	Above 3.5 V

NG ► **REPLACE STEREO COMPONENT AMPLIFIER**

OK ► **REPLACE RADIO RECEIVER**

