Sound Signal Circuit between Radio Receiver and Stereo Jack Adapter

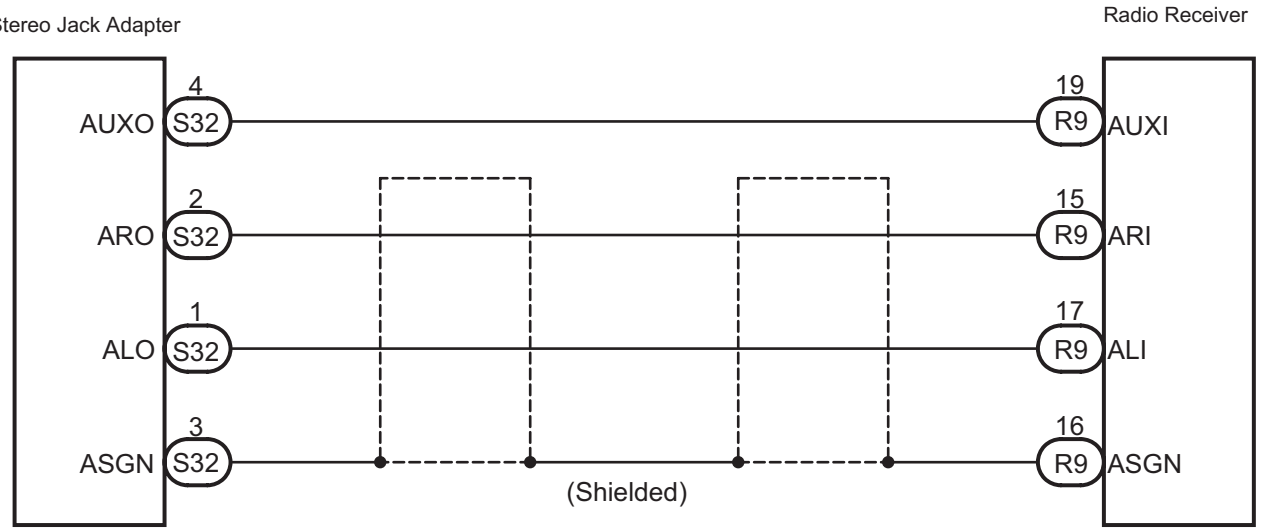
DESCRIPTION

The stereo jack adapter sends an external device sound signal to the radio receiver through this circuit. The sound signal that has been sent is amplified by the stereo component amplifier or radio receiver, and then is sent to the speakers.
If there is an open or short in the circuit, sound cannot be heard from the speakers even if there is no malfunction in the stereo component amplifier, radio receiver, or speakers.

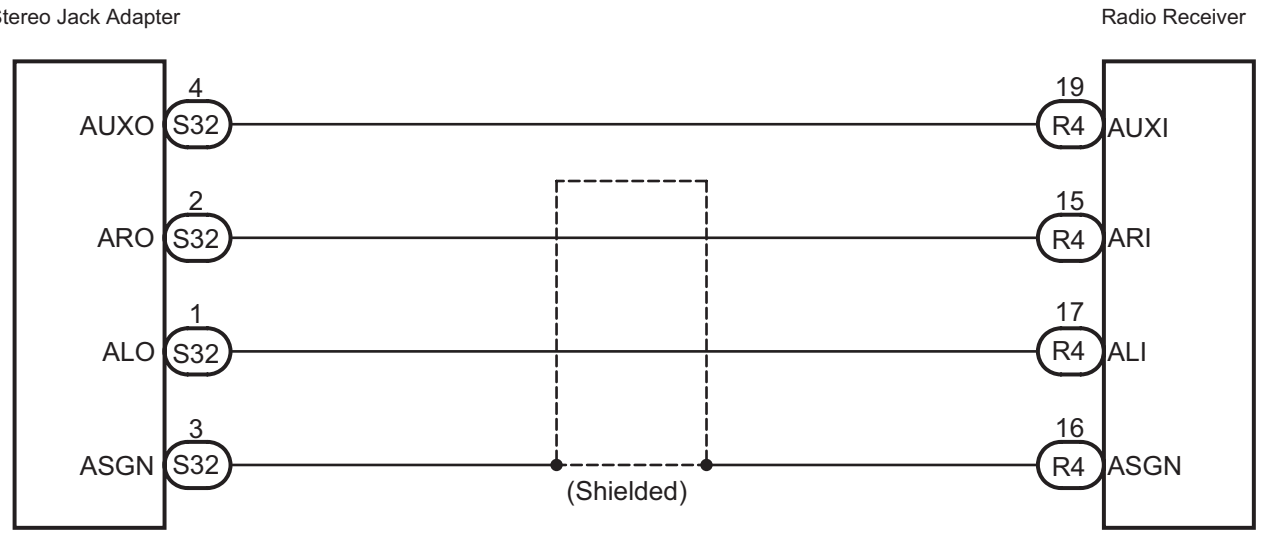
WIRING DIAGRAM

10 Speaker System:

6 Speaker with Rear Seat Entertainment System:



6 Speaker without Rear Seat Entertainment System:



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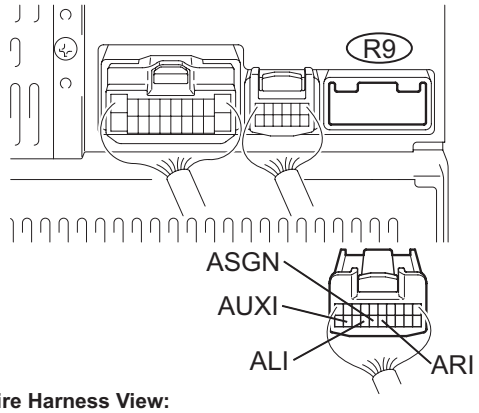
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INSPECTION PROCEDURE

1	CHECK HARNESS AND CONNECTOR (RADIO RECEIVER - STEREO JACK ADAPTER)

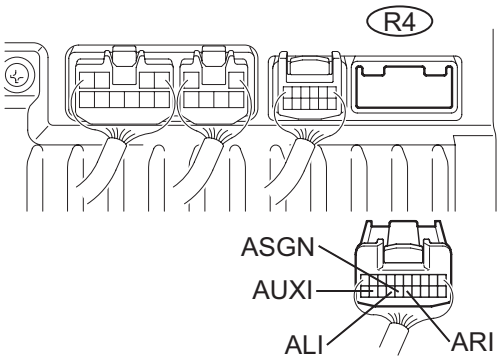
Wire Harness View:

Radio Receiver (*1) (*2)



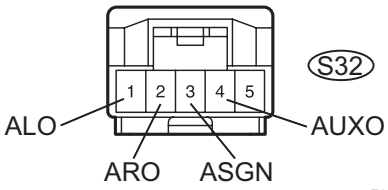
Wire Harness View:

Radio Receiver (*3)



Connector Front View:

Stereo Jack Adapter



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(a) Disconnect the connectors from the stereo jack adapter and radio receiver.

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

Standard resistance

Tester connection	Condition	Specified condition
AUXO - AUXI	Always	Below 1 Ω
ASGN - ASGN	Always	Below 1 Ω
ARO - ARI	Always	Below 1 Ω
ALO - ALI	Always	Below 1 Ω
AUXO - Body ground	Always	10 kΩ or higher
ASGN - Body ground	Always	10 kΩ or higher
ARO - Body ground	Always	10 kΩ or higher
ALO - Body ground	Always	10 kΩ or higher

*1: 10 Speaker System

*2: 6 Speaker with Rear Entertainment System

*3: 6 Speaker without Rear Entertainment System

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

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE

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