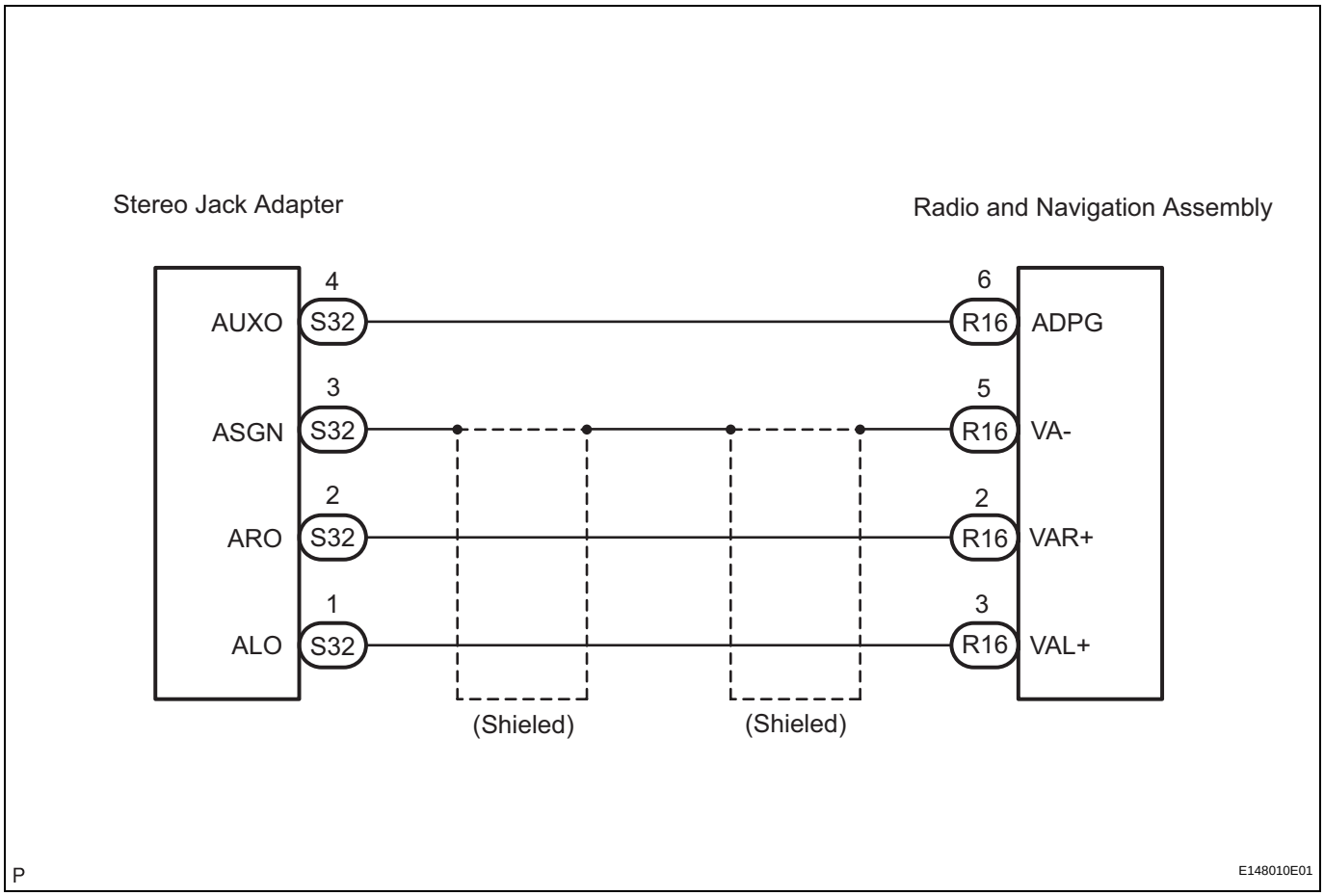
Sound Signal Circuit between Radio and Navigation Assembly and Stereo Jack Adapter

DESCRIPTION

The stereo jack adapter sends an external device sound signal to the radio and navigation assembly through this circuit.
The sound signal that has been sent is amplified by the stereo component amplifier 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 and navigation assembly or speakers.

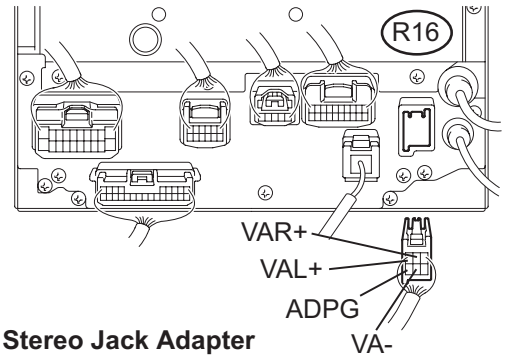
WIRING DIAGRAM



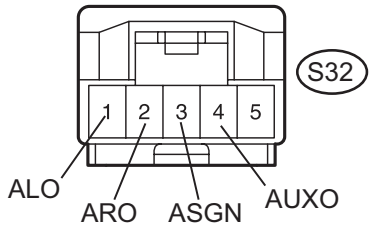
INSPECTION PROCEDURE

1	**CHECK HARNESS AND CONNECTOR (RADIO AND NAVIGATION ASSEMBLY - STEREO JACK ADAPTER)**

Radio and Navigation Assembly Wire Harness View:



Stereo Jack Adapter Connector Front View:



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(a) Disconnect the connectors from the stereo jack adapter and radio and navigation assembly.
(b) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester connection	Condition	Specified condition
AUXO - ADPG	Always	Below 1 Ω
ASGN - VA-	Always	Below 1 Ω
ARO - VAR+	Always	Below 1 Ω
ALO - VAL+	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

NG → **REPLACE HARNESS OR CONNECTOR**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE

NS