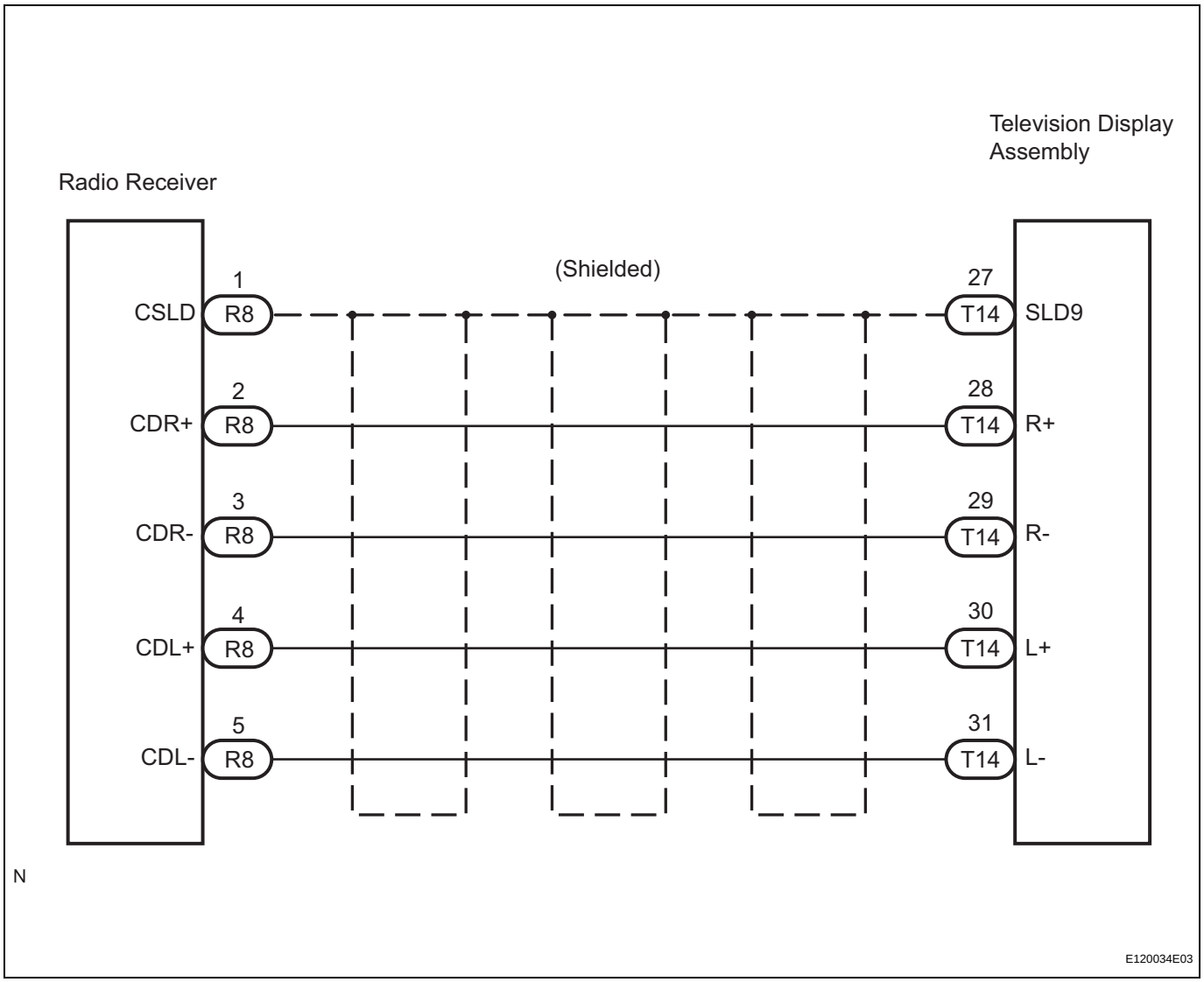
Sound Signal Circuit between Radio Receiver and Television Display Assembly

DESCRIPTION

The television display assembly sends a 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 (built-in 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 receiver, or speakers.

WIRING DIAGRAM

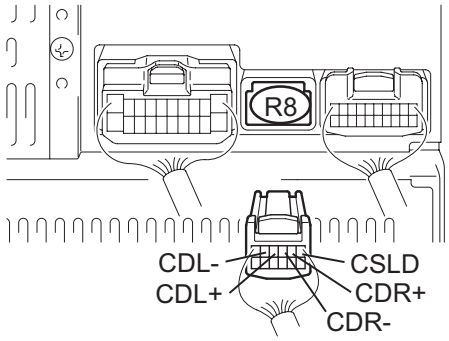


AV

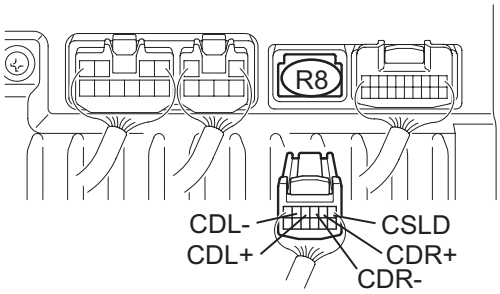
INSPECTION PROCEDURE

1	CHECK HARNESS AND CONNECTOR (RADIO RECEIVER - TELEVISION DISPLAY ASSEMBLY)

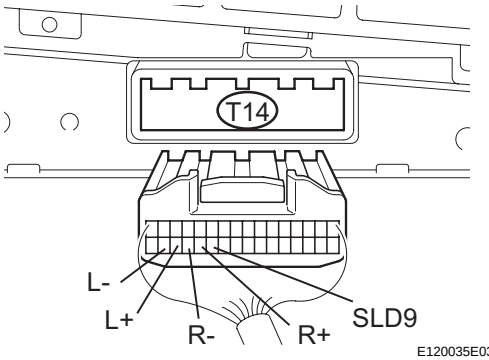
Radio Receiver (10 Speaker System) Wire Harness View:



Radio Receiver (6 Speaker System) Wire Harness View:



Television Display Assembly Wire Harness View:



P E120035E03

(a) Disconnect the connectors from the television display assembly and radio receiver.

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

Standard resistance

Tester Connection	Condition	Specified Condition
CDR+ - R+	Always	Below 1 Ω
CDR- - R-	Always	Below 1 Ω
CDL+ - L+	Always	Below 1 Ω
CDL- - L-	Always	Below 1 Ω
CSLD - SG1	Always	Below 1 Ω
R- - Body ground	Always	10 kΩ or higher
L+ - Body ground	Always	10 kΩ or higher
L- - Body ground	Always	10 kΩ or higher
R+ - Body ground	Always	10 kΩ or higher
SG1 - Body ground	Always	10 kΩ or higher

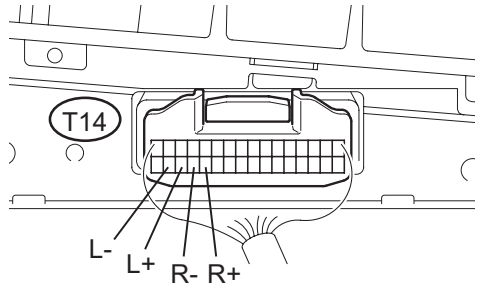
NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

AV

2	INSPECT TELEVISION DISPLAY ASSEMBLY

Wire Harness View:



(a) Reconnect the television display assembly connector.
(b) Check the waveform according to the conditions shown in the table below.

Standard

Tester connection	Condition	Specified condition
R+ - Body ground	Voice sound is being produced	A waveform synchronized with sound is output
R- - Body ground	Voice sound is being produced	A waveform synchronized with sound is output
L+ - Body ground	Voice sound is being produced	A waveform synchronized with sound is output
L- - Body ground	Voice sound is being produced	A waveform synchronized with sound is output

NG → REPLACE TELEVISION DISPLAY ASSEMBLY

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE