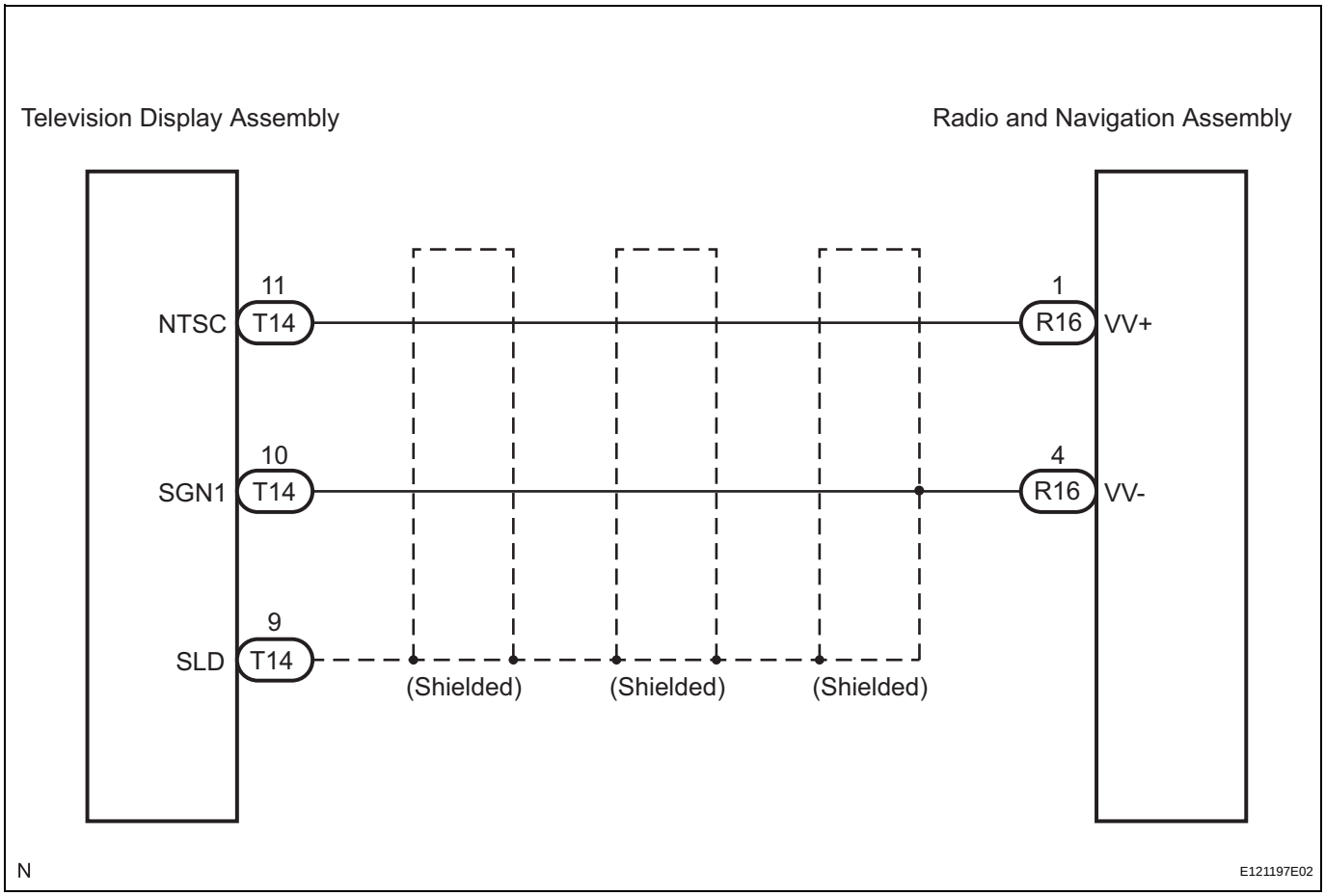
Display Signal Circuit between Television Display Assembly and Radio and Navigation Assembly

DESCRIPTION

This circuit sends a DVD image signal from the television display assembly to the radio and navigation assembly.

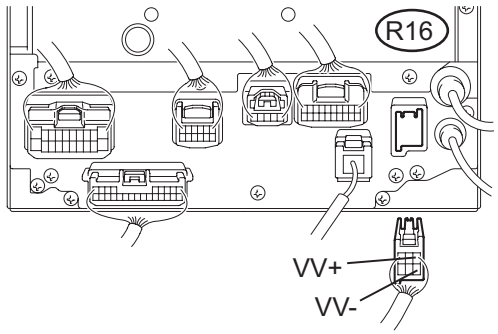
WIRING DIAGRAM



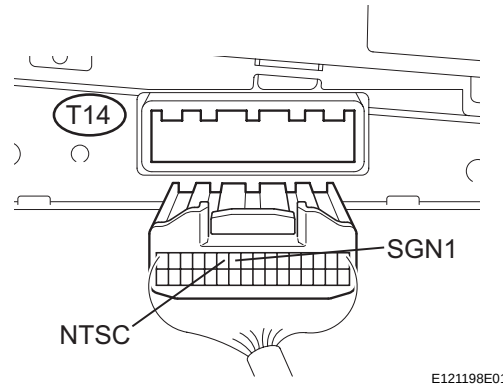
INSPECTION PROCEDURE

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

Radio and Navigation Assembly Wire Harness View:



Television Display Assembly Wire Harness View:



(a) Disconnect the radio and navigation assembly connector R16 and television display assembly connector T14.
(b) Measure the resistance according to the value(s) in the table below.

Standard resistance

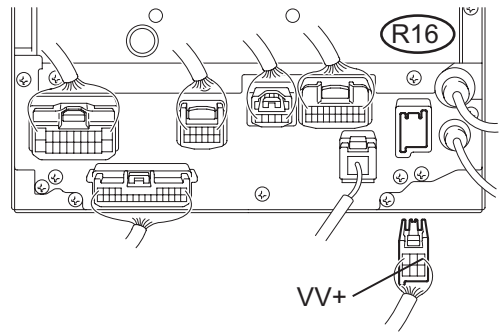
Tester connection	Condition	Specified condition
VV+ - NTSC	Always	Below 1 Ω
VV- - SGN1	Always	Below 1 Ω
VV+ - Body ground	Always	10 kΩ or higher
VV- - Body ground	Always	10 kΩ or higher

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

OK

2 INSPECT TELEVISION DISPLAY ASSEMBLY

Radio and Navigation Assembly Wire Harness View:



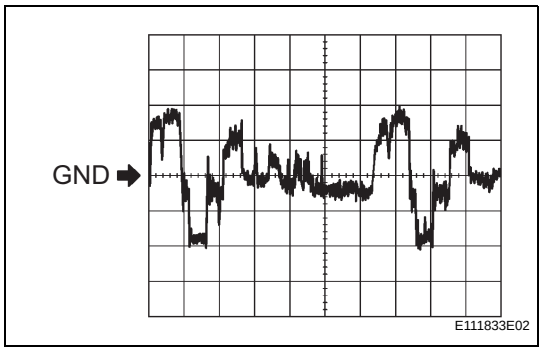
(a) Reconnect the television display assembly connector R16.
(b) Measure the waveform according to the table below.

OK

Tester connection	Condition	Specified condition
VV+ - Body ground	DVD display is ON	A waveform synchronized with display signals is output

HINT:
The waveform pattern may differ from that shown in the illustration below due to differences in oscilloscope setting. A normal television display assembly operating condition can be determined if any waveform is output.

NS



(c) Oscilloscope waveform
(1) Terminal: VV+ - Body ground
Setting: 200 mV/DIV., 10 μs/DIV.
Condition: DVD display is ON.

NG → **REPLACE TELEVISION DISPLAY ASSEMBLY**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE