

Display Signal Circuit between Multi-display and Radio Receiver

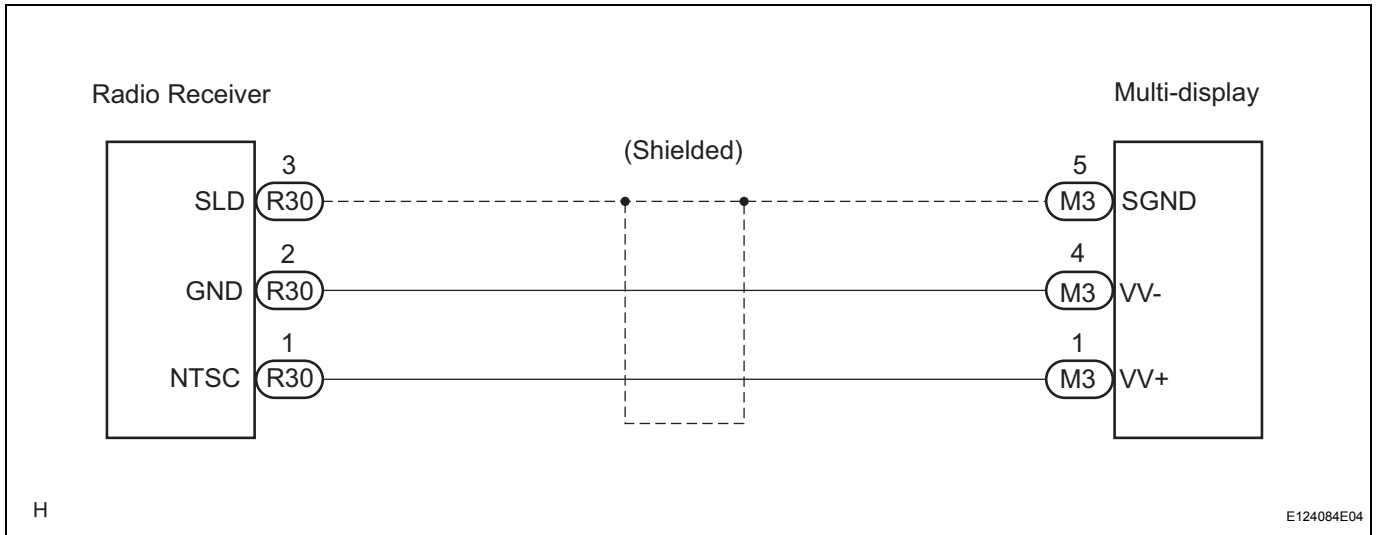
DESCRIPTION

This is the DVD display signal circuit from the radio receiver to the multi-display.

This circuit is for a radio receiver with a built-in DVD changer.

If the vehicle is equipped with an RSE system, the radio receiver receives DVD image signals from the RSE system and transmits these signals to the multi-display through this circuit.

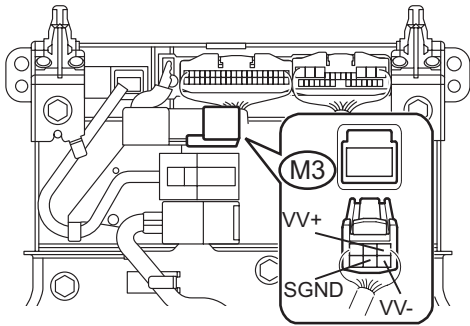
WIRING DIAGRAM



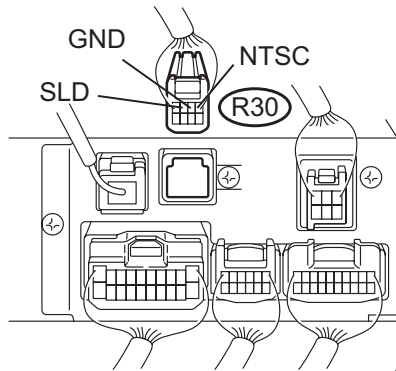
INSPECTION PROCEDURE

1 CHECK HARNESS AND CONNECTOR (RADIO RECEIVER - MULTI-DISPLAY)

Multi-display Wire Harness View:



Radio Receiver Wire Harness View:



- (a) Disconnect the multi-display connector M3 and radio receiver connector R30.
- (b) Measure the resistance according to the value(s) in the table below.

Standard resistance

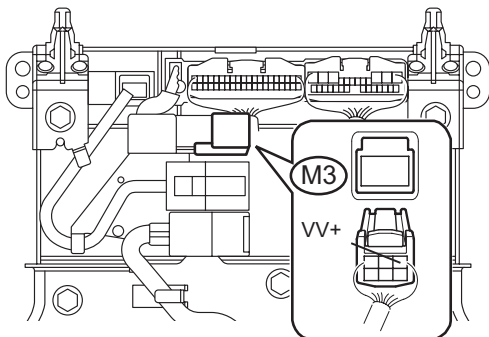
Tester connection	Condition	Specified condition
GND - VV-	Always	Below 1 Ω
NTSC - VV+	Always	Below 1 Ω
SLD - SGND	Always	Below 1 Ω
NTSC - Body ground	Always	10 kΩ or higher
GND - Body ground	Always	10 kΩ or higher

NG **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

2 INSPECT RADIO RECEIVER (OUTPUT SIGNAL)

Multi-display Wire Harness View:



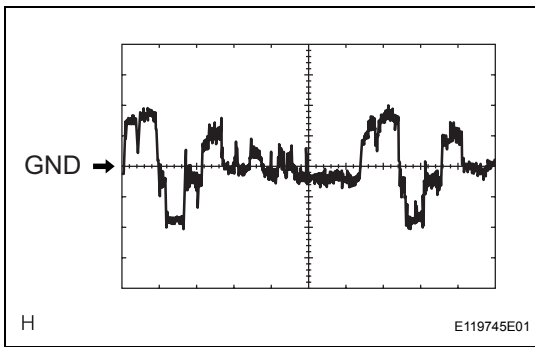
- (a) Reconnect the radio receiver connector R30.

NS

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E129873E04

E131612E03



(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 due to differences in oscilloscope settings. A normal radio receiver operating condition can be determined if any waveform is output.

(c) Reference: Oscilloscope waveform

- (1) Terminal: VV+ - Body ground
- Setting: 200 mV/DIV. 10 μ s/DIV.
- Condition: DVD display is on.

NG **REPLACE RADIO RECEIVER**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE