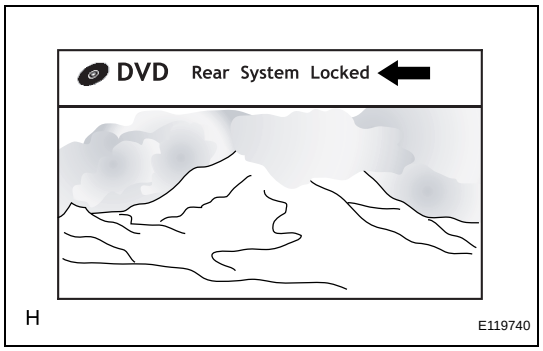
A Remote Control System does not Operate

INSPECTION PROCEDURE

1 CHECK SYSTEM



(a) Check that the remote control operation of the rear system is not locked by the radio receiver or the radio and navigation assembly.
  (1) Check if "Rear System Locked" appears on the television display assembly.
  OK:
  The message does not appear.

NG → **RELEASE LOCK**

OK

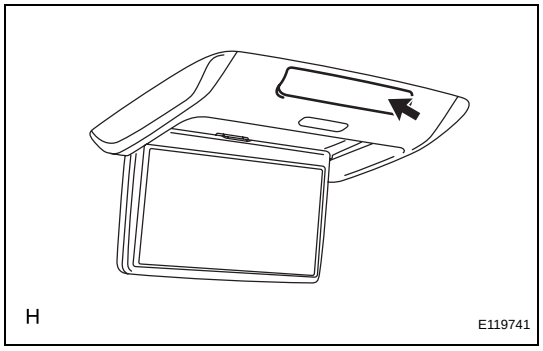
2 CHECK BATTERY (REMOTE CONTROLLER)

(a) Check the battery.
  (1) Check that the dry-cell battery used for the remote controller is not depleted.
  OK:
  It is not depleted.

NG → **REPLACE REMOTE CONTROLLER BATTERY**

OK

3 CLEAN THE INFRARED RAY EMITTING PORTION



(a) Clean the infrared ray emitting portion.
  (1) Clean the infrared ray emitting portion on the rear display assembly.
  (2) Check whether the same malfunction occurs.
  OK:
  The function returns to normal.

NG → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**

OK

END

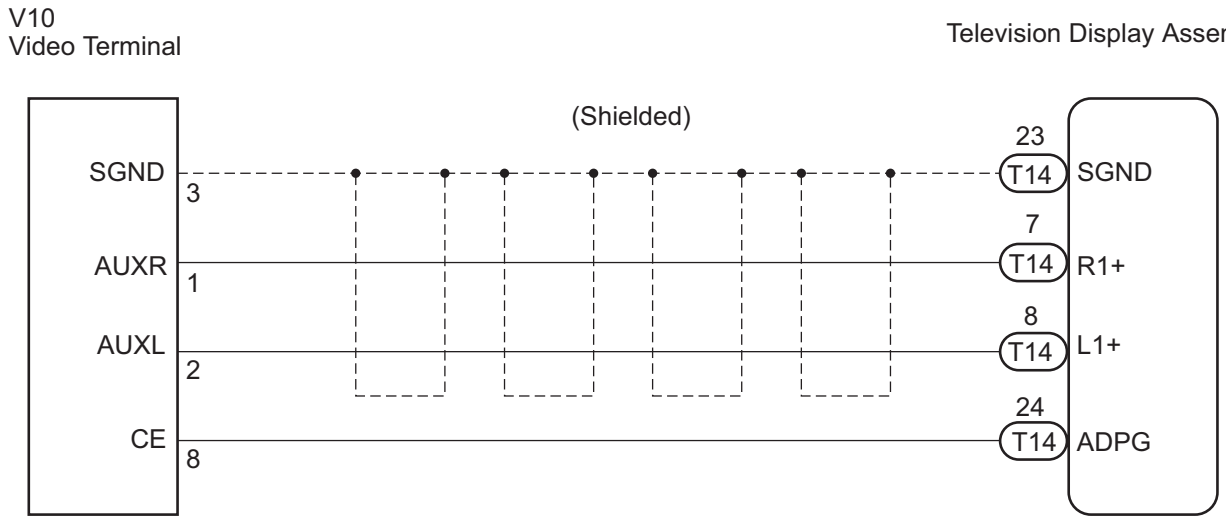
AV

Sound Signal Circuit between Video Terminal and Television Display

DESCRIPTION

This is the sound signal circuit from the video (video adapter) terminal to the television display assembly.

WIRING DIAGRAM



AV

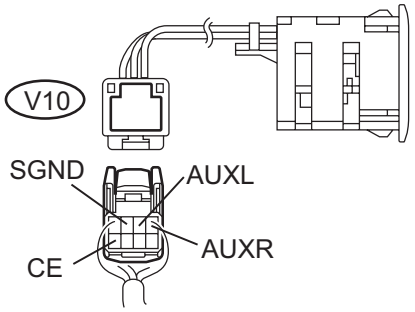
H

E121283E01

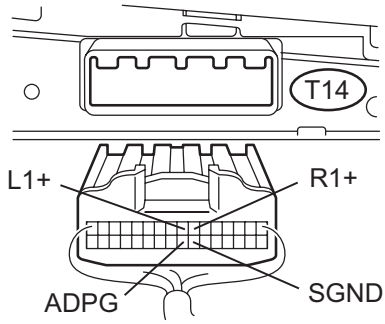
INSPECTION PROCEDURE

1 CHECK HARNESS AND CONNECTOR (TELEVISION DISPLAY ASSEMBLY - VIDEO TERMINAL)

Video Terminal Wire Harness View:



Television Display Assembly Wire Harness View:



H

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(a) Disconnect the connectors from the video (video adapter) terminal and television display assembly.
(b) Measure the resistance according to the value(s) in the table below.

Standard resistance

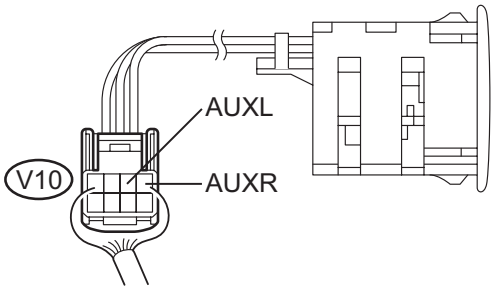
Tester connection	Condition	Specified condition
SGND - SGND	Always	Below 1 Ω
AUXR - R1+	Always	Below 1 Ω
AUXL - L1+	Always	Below 1 Ω
CE - ADPG	Always	Below 1 Ω
AUXR - Body ground	Always	10 kΩ or higher
AUXL - Body ground	Always	10 kΩ or higher

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

OK

2 INSPECT VIDEO TERMINAL

Video Terminal Wire Harness View:



E110048E03

(a) Reconnect the video (video adapter) terminal connector.
(b) Using an oscilloscope, check the signal waveform between each terminal and body ground according to the conditions, as shown in the chart.
HINT:
An external device system is playing (When the video (video adapter) terminal is used).

Signal waveform

Tester connection	Condition	Specified condition
AUXL - Body ground	Sound is being produced	A waveform synchronized with sound is output
AUXR - Body ground	Sound is being produced	A waveform synchronized with sound is output

AV

NG → **REPLACE VIDEO TERMINAL**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE