SYSTEM DESCRIPTION

1. OUTLINE

- As a unique feature of Rear Seat Entertainment (RSE) system, the front and rear seat occupants can enjoy different audio-visual modes at the same time. Thus, this system offers enhanced entertainment to the rear seat occupants.
- The rear seat occupants can control the audio-visual modes with the remote controller (switch assembly), and listen to the audio using wireless headphones.
- The RSE system is controlled by the television display assembly, and the communication between the audio head unit and the television display assembly is established via an AVC-LAN (Audio Visual Communication-Local Area Network).
- The RSE system can play discs recorded entirely in the MP3 format, as well as music discs containing a mixture of CD data (CD-DA files) and MP3 data.

HINT:

MP3 is short for MPEG1 (Moving Picture Expert Group Phase 1) & 2 Audio Layer 3.

It is an audio compression standard set by a working group (MPEG) of the ISO (International Standards Organization). MP3 is able to compress audio data to about 1/10 the level of a conventional disc.

2. FUNCTION OF MAIN COMPONENTS

AV

Television display assembly • Control Panel • DVD Player • Headphone Terminal	• Displays DVD and Video images. • Receives signals from the remote controller. • Outputs audio signals to the wireless headphones in the form of infrared signals. • Outputs audio signals to the wired headphones that are connected. • Adjusts the volume of the wired headphones in accordance with volume control.
Radio and navigation assembly (*1) Radio receiver (*2)	• Receives audio signals from the television display assembly and outputs them to the stereo component amplifier. • Enables or disables the function of the remote controller for the television display assembly.
Remote Controller (Switch assembly)	Outputs various control signals of the RSE system to the television display assembly in the form of infrared signals.
Wireless headphones	• Receives the audio signals from the television display assembly in the form of infrared signals. • Volume adjustment of the wireless headphones can be done by using the volume control on the wireless headphones.
VTR terminal	This terminal is for connecting a video player's video and audio output terminals.

*1: with Navigation System

*2: without Navigation System

HOW TO PROCEED WITH TROUBLESHOOTING

1	VEHICLE BROUGHT TO WORKSHOP

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2	CUSTOMER PROBLEM ANALYSIS

(a) Interview the customer and confirm the trouble.
  (1) Confirm the problem by duplicating the conditions described by the customer.

NEXT

3	BASIC INSPECTION

(a) Basic inspection.
  (1) Measure the battery voltage.
    Standard voltage:
    11 to 14 V

(b) with Navigation system:
Check the power supply to the radio and navigation assembly.
  (1) Turn the ignition switch to the ACC position.
  (2) Check whether the display appears on the radio and navigation assembly.

(c) without Navigation system:
Check the power supply to the radio receiver.
  (1) Turn the ignition switch to the ACC position.
  (2) Check whether the display appears on the radio receiver.

⇨	**DISPLAY DOES NOT APPEAR (GO TO "NAVIGATION SYSTEM" OR "AUDIO AND VISUAL SYSTEM").**
⇨	**DISPLAY APPEARS (Go to step 4).**

4	PROBLEM SYMPTOMS TABLE

(a) Refer to the problem symptoms table (See page AV-158).

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5	**CIRCUIT INSPECTION AND PART INSPECTION**

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6	**IDENTIFICATION OF PROBLEM**

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7	**REPAIR OR REPLACE**

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8	**CONFIRMATION TEST**

NEXT

END