PROBLEM SYMPTOMS TABLE

HINT:
Inspect the "Fuse" and "Relay" before confirming the suspected area as shown in the table below.

DISPLAY FUNCTION:

Symptom	Suspected area	See page
Black screen (When a disc is inserted, or when the system is in the VTR mode.)	1. Television display assembly power source circuit	AV-167
	2. AVC-LAN circuit (*1)	NS-203
	3. AVC-LAN circuit (*2)	NS-203
	4. Television display assembly	AV-175
	5. Radio receiver (*1)	AV-169
	6. Radio and navigation assembly (*2)	NS-231
Only the DVD screen is not displayed or not stable.	1. Television display assembly power source circuit	AV-167
	2. Television display assembly	AV-175
Only display screen input from an external device is not displayed or not stable.	1. Television display assembly power source circuit	AV-167
	2. Proceed to "Display Signal Circuit Between Video Terminal and Television Display Assembly"	AV-164
	3. Video terminal	AV-193
	4. Television display assembly	AV-175

SOUND FUNCTION:

Symptom	Suspected area	See page
Quality of sound from wireless headphones is poor or no sound can be heard.	1. Television display assembly power source circuit	AV-167
	2. Wireless headphone	-
	3. Television display assembly	AV-175
Only DVD sound cannot be heard or the sound quality is poor.	1. Television display assembly power source circuit	AV-167
	2. Television display assembly	AV-174
Only sound quality input from an external device is poor or no sound can be heard.	1. Television display assembly power source circuit	AV-167
	2. Proceed to "Sound Signal Circuit between Video Terminal and Television Display Assembly"	AV-161
	3. Video terminal	AV-193
	4. Television display assembly	AV-175

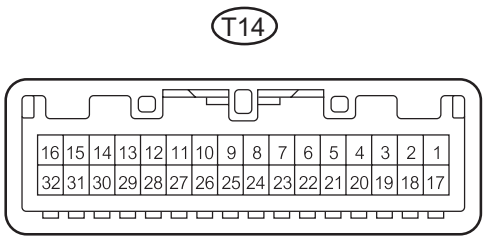
REMOTE CONTROL FUNCTION:

Symptom	Suspected area	See page
A remote control system does not operate.	1. Television display assembly power source circuit	AV-167
	2. A remote control system does not operate	AV-160
	3. AVC-LAN circuit (*1)	AV-128
	4. AVC-LAN circuit (*2)	NS-203
	5. Remote controller	-
	6. Television display assembly	AV-175

*1: without Navigation System
*2: with Navigation System

TERMINALS OF ECU

1. TELEVISION DISPLAY ASSEMBLY



Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specification
VV+ (T14-6) - GND (T14-12)	BR - W-B	Display Signal	External device system is playing (When VTR jack is used)	Pulse generation
R1+ (T14-7) - GND (T14-12)	G - W-B	Sound Signal	External device system is playing (When VTR jack is used)	A waveform synchronized with sound is output
L1+ (T14-8) - GND (T14-12)	R - W-B	Sound Signal	External device system is playing (When VTR jack is used)	A waveform synchronized with sound is output
SLD (T14-9) - GND (T14-12) (*1)	Shielded - W-B	Shielded ground	Always	Below 1 V
SGN1 (T14-10) - GND (T14-12) (*1)	Y - W-B	Ground	Always	Below 1 V
NTSC (T14-11) - GND (T14-12) (*1)	BR - W-B	Display Signal	DVD image is displayed	Pulse generation
GND (T14-12) - Body ground	W-B - Body ground	Ground	Always	Below 1 V
TX- (T14-13) - GND (T14-12)	R - W-B	AVC-LAN communication signal	Ignition switch ACC	2 to 3 V
TX+ (T14-14) - GND (T14-12)	G - W-B	AVC-LAN communication signal	Ignition switch ACC	2 to 3 V
ACC (T14-15) - GND (T14-12)	GR - W-B	Ignition (ACC)	Ignition switch ACC	10 to 14 V
+B (T14-16) - GND (T14-12)	L - W-B	Battery	Always	10 to 14 V
VV- (T14-22) - GND (T14-12)	Y - W-B	Ground	Always	Below 1 V
SGND (T14-23) - GND (T14-12)	Shielded - W-B	Shielded ground	Always	Below 1 V
ADPG (T14-24) - GND (T14-12)	LG - W-B	VTR terminal detection	Always	Below 1 V
MUTE (T14-26) - GND (T14-12)	Y - W-B	Mute signal	RSE system is playing	Above 3.5 V
MUTE (T14-26) - GND (T14-12)	Y - W-B	Mute signal	RSE system is changing	Below 1 V
SLD9 (T14-27) - GND (T14-12)	Shielded - W-B	Shielded ground	Always	Below 1 V
R+ (T14-28) - GND (T14-12)	B - W-B	RSE sound signal	RSE system is playing	A waveform synchronized with sound is output
R- (T14-29) - GND (T14-12)	G - W-B	RSE sound signal	RSE system is playing	A waveform synchronized with sound is output
L+ (T14-30) - GND (T14-12)	R - W-B	RSE sound signal	RSE system is playing	A waveform synchronized with sound is output
L- (T14-31) - GND (T14-12)	W - W-B	RSE sound signal	RSE system is playing	A waveform synchronized with sound is output

*1: with Navigation System

AV