PROBLEM SYMPTOMS TABLE

- Before inspecting the suspected areas listed in the table below, check the fuse and relay.
- Before inspecting the suspected areas listed in the table below, check the DTCs.
- Methods used to verify the cause of the problem are listed in order of probability in the suspected area column.

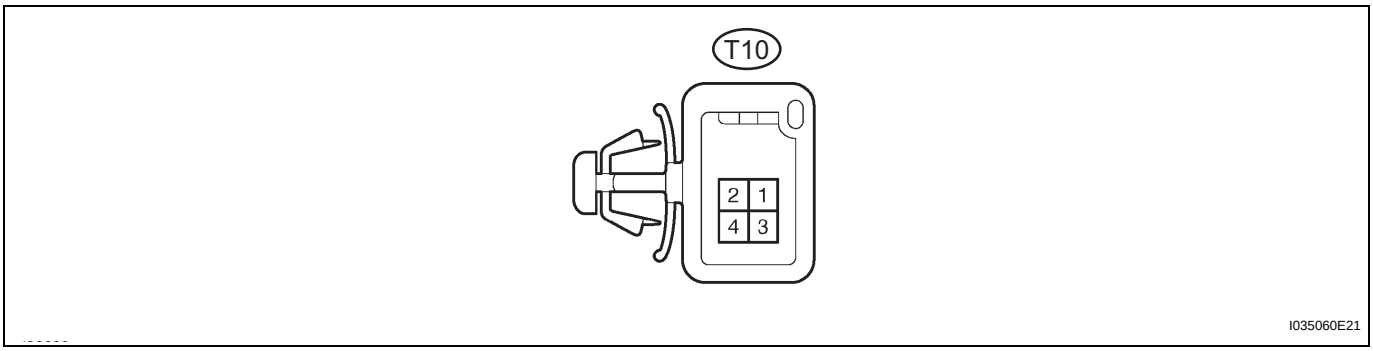
REAR VIEW MONITOR SYSTEM

Symptom	Suspected area	See page
When shift lever is in R position, rear view monitor image is not displayed (Screen is not black).	1. Reverse signal circuit	PM-7
	2. Proceed to "Display Signal Circuit between Radio and Navigation Assembly and Television Camera Assembly"	PM-10
	3. Radio and navigation assembly	NS-231
When shift lever is in R position, rear view monitor image is not displayed (Screen is black).	1. Radio and navigation assembly power source circuit	NS-227
	2. Proceed to "Display Signal Circuit between Radio and Navigation Assembly and Television Camera Assembly"	PM-10
	3. Radio and navigation assembly	NS-231
When shift lever is not in R position, rear view monitor image is displayed.	1. Reverse signal circuit	PM-7
	2. Radio and navigation assembly	NS-231
Problem with the rear view monitor image (color, disorder of picture).	1. Proceed to "Display Signal Circuit between Radio and Navigation Assembly and Television Camera Assembly"	PM-10
	2. Radio and navigation assembly	NS-231

TERMINALS OF ECU

1. TELEVISION CAMERA ASSEMBLY

(a) Disconnect the T10 camera connector.



(b) Measure the voltage and resistance of each terminal of the wire harness side connector.

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified value
CGND (T10-3) - Body ground	W - Body ground	Ground	Always	Below 1 Ω
CB+ (T10-4) - CGND (T10-3)	R - W	Power source	Ignition switch ON, shift lever R position	Approx. 6 V

If the result is not as specified, there may be a malfunction on the wire harness side.

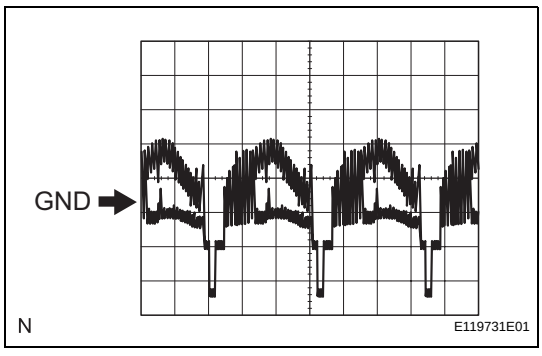
(c) Reconnect the T10 camera connector.

(d) Measure the voltage and frequency of each terminal of the connector.

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified value
CV+ (T10-2) - CV- (T10-1)	B - Shielded	Display signal	Ignition switch ON, shift lever R position	See waveform 1

If the result is not as specified, the camera may have a malfunction.

(e) Reference:
Oscilloscope waveform
(1) Waveform 1



Item	Content
Measure terminal	CV+ - CV-
Measure set	0.2 V/DIV., 0.2 μS/DIV.
Condition	Ignition switch: ON, Shift lever: R position

2. RADIO AND NAVIGATION ASSEMBLY (See page NS-45)

PM