

RVS-6137-DVR

7" LED Digital Color Rear View Monitor with RCA and DVR Connections



Instruction Manual



WARNING
RISK OF ELECTRIC SHOCK
DO NOT OPEN



Congratulations on purchasing this Rear View Backup Monitor! With this manual you will be able to properly install and operate this item.

One of our keystone monitors, the RVS-6137-DVR is a high quality 7" LED Digital Panel display and is equipped with auto-dimming and a built-in speaker.

Back-lit buttons illuminate in the dark for easy use, and optional distance grid lines can be adjusted based on camera placement.

Conveniently switch between mirror and normal image for any connected DVR. The monitor features convenient RCA connectors.

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If you have questions about this product, contact:

Rear View Safety
1797 Atlantic Avenue
Brooklyn, NY 11233
Tel: 1.800.764.1028

**IN NO EVENT SHALL SELLER OR MANUFACTURER BE
LIABLE FOR ANY DIRECT OR CONSEQUENTIAL DAMAGES OF
ANY NATURE, OR LOSSES OR EXPENSES RESULTING FROM
ANY DEFECTIVE PRODUCT OR THE USE OF ANY PRODUCT.**



IMPORTANT USAGE WARNING

The Rear View Camera System is designed to help the driver safely detect people and/or objects helping to avoid damage or injury. However, you the driver, must use it properly. Use of this system is not a substitute for safe, proper or legal driving.

Never back up while looking at the monitor alone. You should always check behind and around the vehicle when backing up, in the same way as you would if the vehicle did not have the Rear View Camera System. If you back up while looking only at the monitor, you may cause damage or injury. Always back up slowly.

Rear View Camera Systems are not intended for use during extensive back-up maneuvers or backing into cross traffic or pedestrian walkways.

Please, always remember, the area displayed by the Rear View Camera System is limited. It does not display the entire panorama that is behind you.

PLEASE READ THE ENTIRE MANUAL AND FOLLOW THE INSTRUCTIONS AND WARNINGS CAREFULLY. FAILURE TO DO SO CAN CAUSE SERIOUS DAMAGE AND/OR INJURY, INCLUDING LOSS OF LIFE. BE SURE TO OBEY ALL APPLICABLE LOCAL TRAFFIC AND MOTOR VEHICLE REGULATIONS AS IT PERTAINS TO THIS PRODUCT. IMPROPER INSTALLATION WILL VOID MANUFACTURER'S WARRANTY.



SAFETY INFORMATION



Affix

Make sure to firmly affix the product before use.



Smoke

If smoke or a burning smell is detected, disconnect the system immediately.



Cover Cable

Where the power cable may touch a metal case, cover the cable with a friction tape. A short circuit or disconnected wire may cause a fire.



Wire

While installing be careful with the wire positioning in order to avoid wire damage.



Reverse

The Rear View System should only be used when the vehicle is in reverse.



Distractions

Do not watch movies or operate the monitor while driving; as it may cause an accident.



Obstructions

Do not install the monitor where it may obstruct drivers view or obstruct an air bag device.



Dropping Unit

Dropping the unit may cause possible mechanical failure.

BEFORE DRILLING

Please check that no cable or wiring is on the other side of the wall. Please clamp all wires securely to reduce the possibility of them being damaged while vehicle is in use. Keep all cables away from hot or moving parts and electrical noisy components.

We recommend doing a benchmark test before installation to insure that all components are working properly.

CABLE INSTALLATION

Step 1:

Be sure to position the cable properly. Rear View Safety cables use aircraft grade connectors which means the cable can be exposed to all weather elements. Do not run the cable over sharp edges, do not kink the cable and keep away from HOT and rotating parts.

Step 2:

Fasten all cables and secure all excess cable.

MONITOR INSTALLATION

Step 1:

To Attach the Pedestal mount to the dashboard or to the headliner use self-tapping screws and/or the adhesive pad.

Step 2:

Attach monitor to mount, and adjust mounting angle to allow optimum driver viewing comfort. (See figure 1.1 on page 8)



MONITOR DIAGRAM

Installation of U Bracket

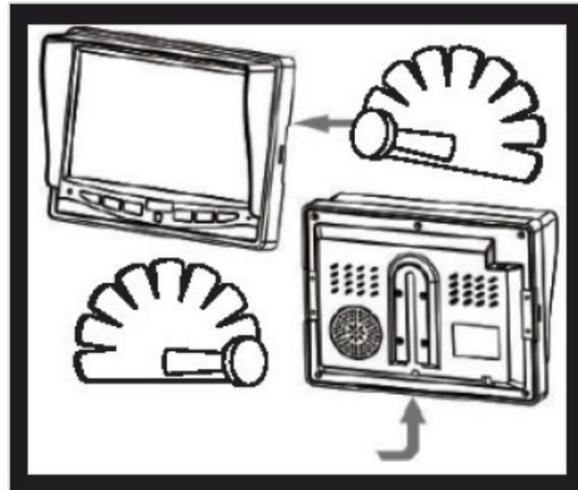


Figure 1.1

Installation of Flushmount Bracket

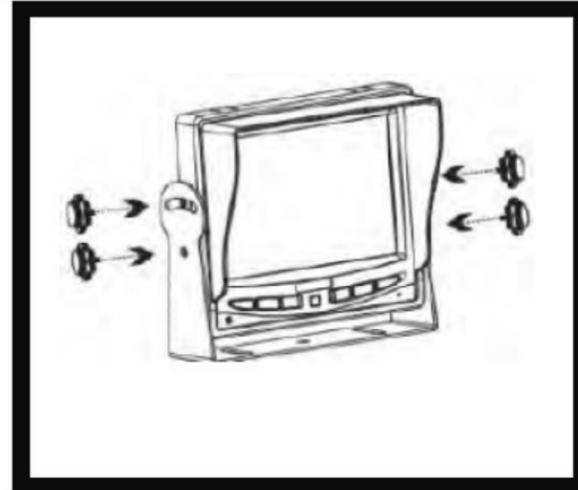


Figure 1.2

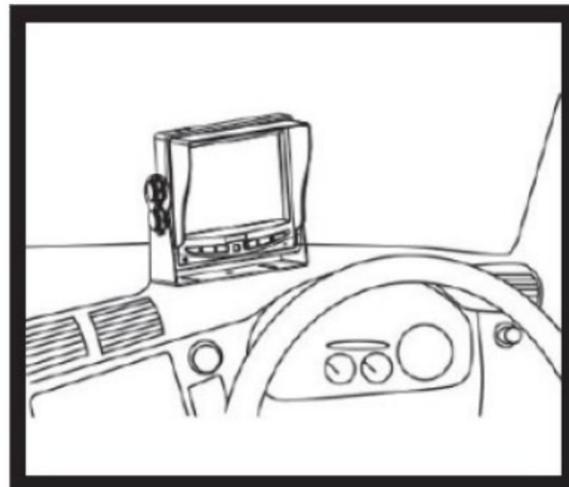


Figure 1.3

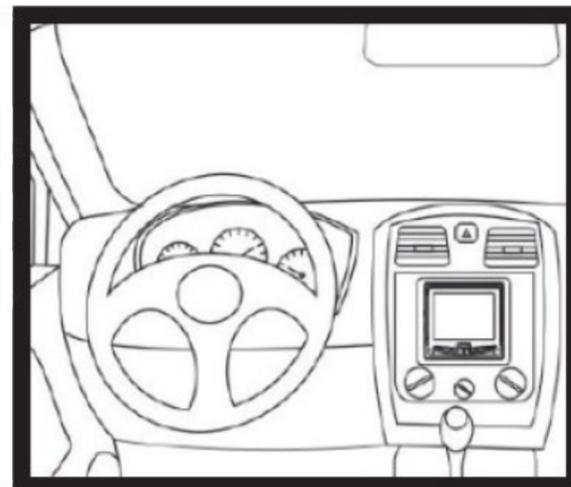
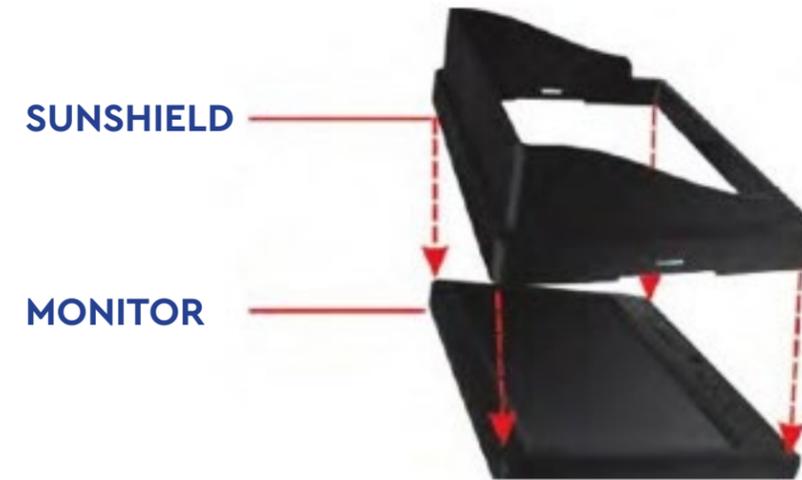


Figure 1.4

INSTALLING SUNSHIELD



Step 1) Put sunshield cover on the display.

Step 2) Put the monitor with sunshield cover in the back cover (only for embedded monitor)

SPLITTING BACK COVER



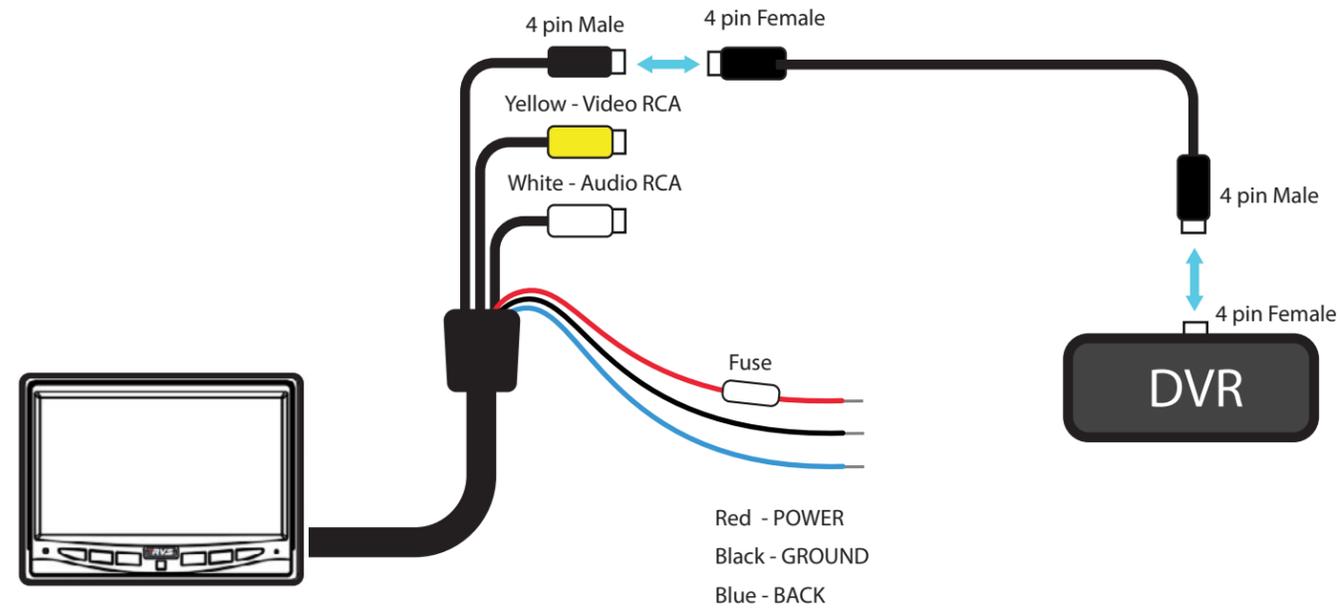
Hold monitor with 2 hands and detach with fingers, as indicated by arrows. (only for embedded monitor)

SPLITTING SUNSHIELD

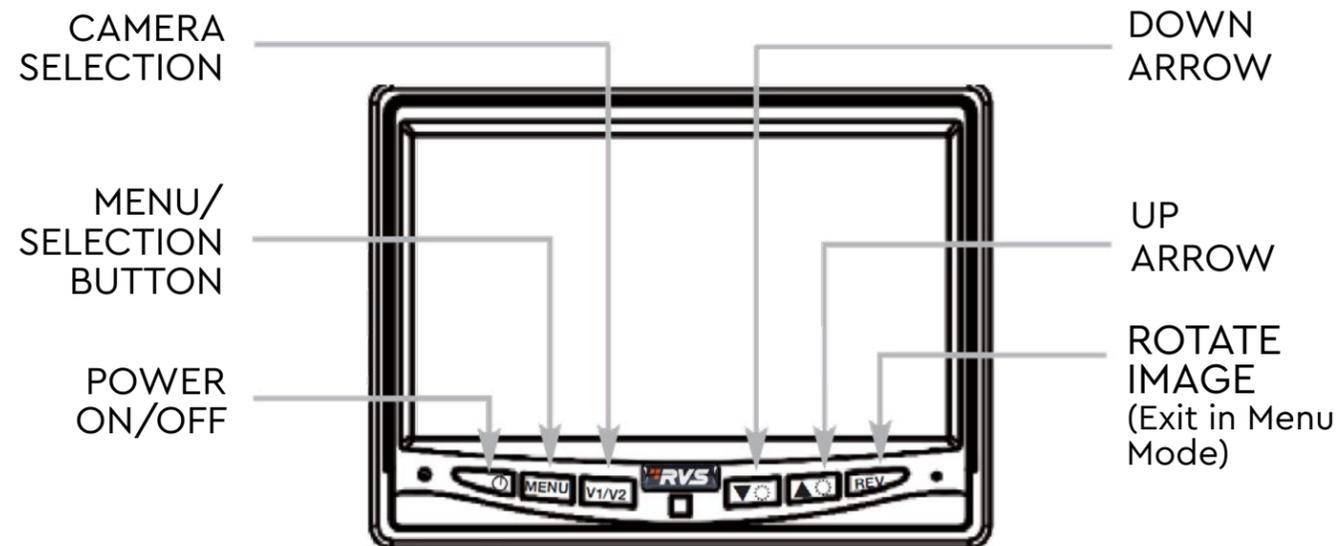


Take the monitor with the left hand and detach with right hand as indicated by the white arrow. (See image)

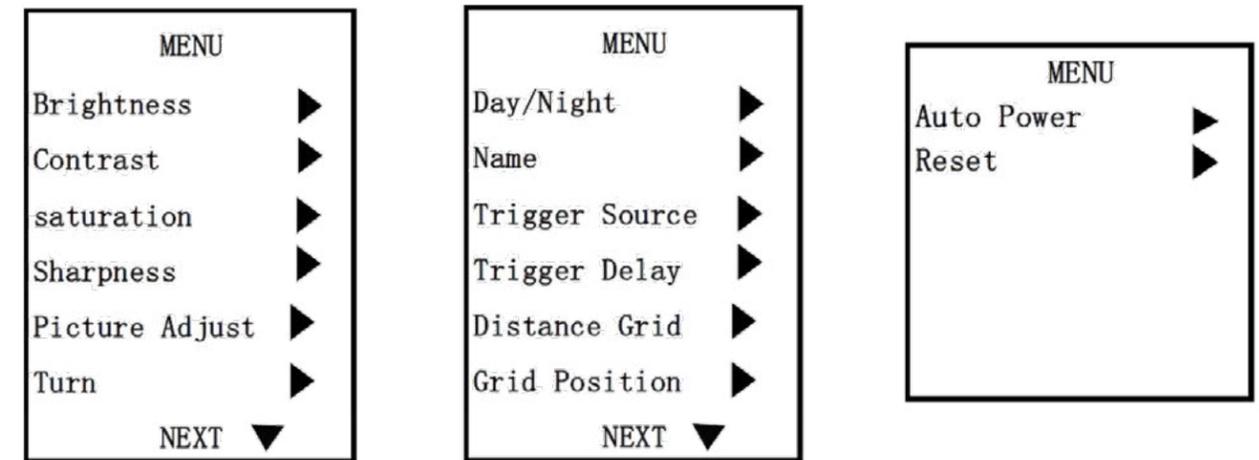
INSTALLING MONITOR



MONITOR OPERATIONS



NAVIGATING MENU



MENU DESCRIPTIONS

- "Brightness" "Contrast" "Saturation" "Sharpness": adjust image properties
- Picture Adjust: Stretch image horizontally (right/left and left/right)
- Turn: Toggle between mirror/normal image on each individual channel
- Day/Night: Toggle between back-lit buttons and auto dimming
- Name: Change name of each individual channel
- Trigger source: Toggle channel destination for each trigger
- Distance Grid: Toggle which channel distance grid lines will display on
- Grid Position: Adjust grid lines
- Reset: Reset to default factory settings
- Auto Power Options
 - On: Monitor will automatically turn on when powered.
 - Off: Monitor will only turn on when triggered.
 - Auto: Monitor will follow previous state.

TROUBLESHOOTING

PROBLEM	SOLUTION
Monitor Displays Blue Screen (and/or) No Signal Display	<ul style="list-style-type: none"> • Do a hard reset, unplug all cables leave out for 1 minute and then re-connect them • Check to ensure that the connection to the camera is tight. • Verify camera cable is plugged into port labeled Backup Camera • Verify that the blue positive trigger on power harness is put to power 12v+ <p><i>If problem persists, verify that alternate ports work. If alternate ports do not work, remove Blue Trigger wire from 12V+ and select alternate channel.</i></p>
Monitor Will Not Power-Up (no backlight on power button)	<ul style="list-style-type: none"> • Check fuse • Check 12v+ to monitor • Check ground connection
No Image on Screen	<ul style="list-style-type: none"> • Verify camera is on correct camera input • Verify cable is connected to monitor • Verify camera is connected to cable • Connect known working camera & cable to monitor • Verify Blue trigger is receiving power
No Audio from Camera	<ul style="list-style-type: none"> • Verify chosen camera has audio • Verify volume setting

MONITOR SPECIFICATIONS

Type	LED Digital Panel
Screen Size	7"
Dot Resolution	800 X 3 (RGB) X 480
Display Format	16:09
Contrast	500:01
Display Brightness	400 CD/m ²
Viewing Angle	Up: 50° / Down: 60° Left: 70° / Right: 70°
Video Input	2 Channels
Video Source	1VP-P, 75Ω
Power Supply	DC 9V – 32V
Power Consumption	5W
Audio Output	0.5W speaker
Operating Temperature	-20°C ~ +70° C
Storage Temperature	-30°C ~ +85°C
Video System Auto	Auto NTSC/PAL
Overall Dimensions	7" (L) X 5.25" (H) X 1" (D)
Weight	400G
Vibration Rating	5G
Dot Pitch	0.1926 (H) X 0.1710 (V)MM
Active Area	154.08(H) X 85.92(v)mm
Sync System	Internal



ONE YEAR WARRANTY

REAR VIEW SAFETY, INC. WARRANTS THIS PRODUCT AGAINST MATERIAL DEFECTS FOR A PERIOD OF ONE YEAR FROM DATE OF PURCHASE. WE RESERVE THE RIGHT TO REPAIR OR REPLACE ANY SUCH DEFECTIVE UNIT AT OUR SOLE DISCRETION. REAR VIEW SAFETY, INC. IS NOT RESPONSIBLE FOR A DEFECT IN THE SYSTEM AS A RESULT OF MISUSE, IMPROPER INSTALLATION, DAMAGE OR MISHANDLING OF THE ELECTRONIC COMPONENTS. REAR VIEW SAFETY, INC. IS NOT RESPONSIBLE FOR CONSEQUENTIAL DAMAGES OF ANY KIND.

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