

REARSIGHT 4.3” MIRROR MONITOR SYSTEM

250-8240 Installation Instructions

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Parts Identification

Contents	Quantity
4.3” Mirror Monitor W/ Standard Mount	1
Power Cable / Video Input Cable	1
Hardware Pack	1
Instruction Manual	1

SPECIFICATIONS

Screen Size/Type: 4.3” TFT LCD (Digital)

Brightness: 1000cd/m2

Resolution: 480x272

Aspect Ratio: 16:9

Compatible Systems: PAL/AUTO/NTSC

Power Supply DC12V Power 3.6W (Working)

Video Inputs: Rear and Front/Aux

Vehicle Preparation

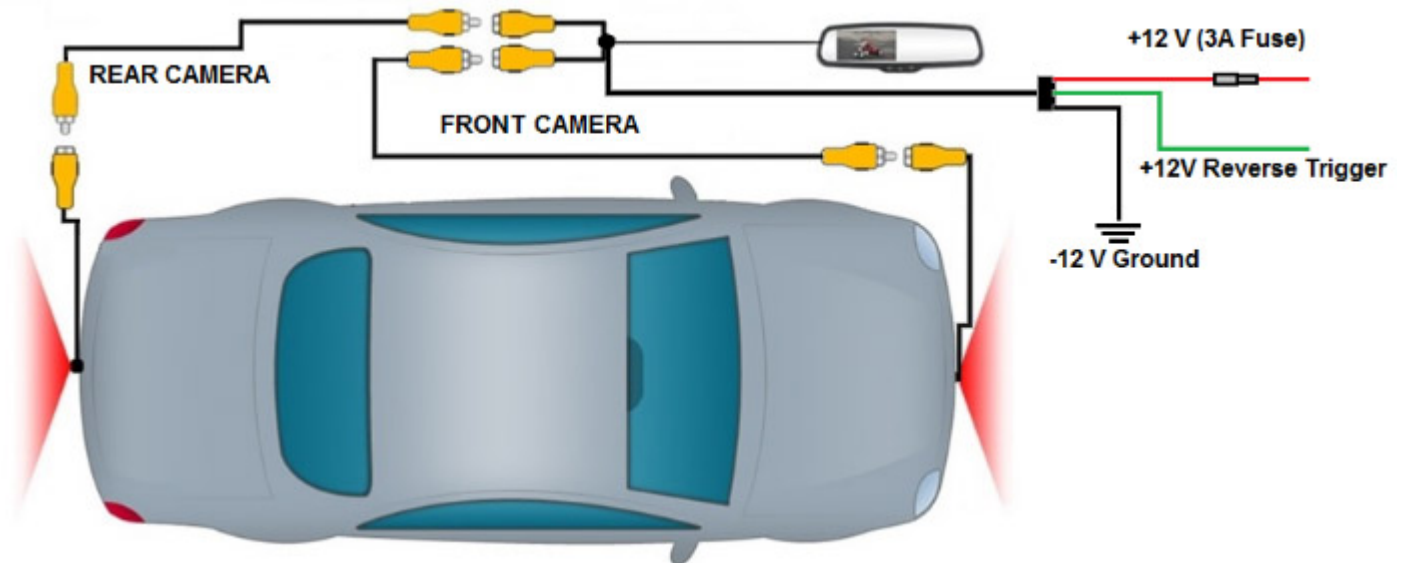
Before beginning your installation, familiarize yourself with the installation instructions and the RearSight camera system components.

To ensure your safety, **(A)** apply the emergency brake and **(B)** read this entire manual before beginning.



CAUTION: It is advisable to disconnect the negative battery cable for 3 minutes before beginning installation, to avoid unintended air bag deployment. Note and record any anti-theft radio codes prior to disconnecting.

System Layout



Removal/Installation

Removing the original mirror

CAUTION: DO NOT USE EXCESSIVE FORCE WHEN REMOVING MIRROR FROM THE WINDSHIELD MOUNT. THE WINDSHIELD BUTTON MAY SEPARATE FROM THE WINDSHIELD OR THE WINDSHIELD MAY BREAK IF FORCED. **NOTE:** There are several versions of mirror mount systems? If unfamiliar with mirror removal, seek professional assistance. **Rostra Precision Controls, Inc. will not be responsible for broken windshields.**

Screw mount mirror removal.

- Using a Philips screwdriver or #20 Torx bit, loosen the screw in the base of the mirror.
- After loosening screw, gently lift upward to slide mirror off of mirror mount.

Wedge mount mirror removal procedure: (Common for screw less mount).

- Using a mirror tool or small 1/8” (4 mm) flat-blade screwdriver, insert the flat end into the opening at the bottom of the mirror mount at the windshield.
- Slide the screwdriver into the center of the mirror mount until resistance is felt.
- Gently apply a small amount of additional upward force to lift away locking spring in the mount.

While still applying upward pressure with the screwdriver, grasp the mirror bracket and wiggle side to side. Lift mirror up toward the headliner and off the windshield mount button.

Mirror Installation:

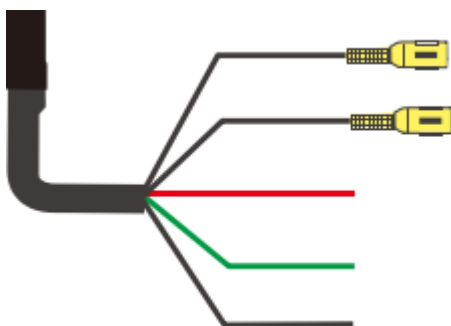
Installation will vary depending on the mounting foot you use for the vehicle.

The mount pre-installed on the mirror is for a standard wedge mount foot. Specific vehicle mounting adapters are available separately and not included in this kit.

Install the mirror by reversing the removal process.

NOTE: Always use caution, DO NOT force the mount. Rostra Precision Controls, Inc. will not be responsible for broken windshields. If you are not sure how to remove or re-install the mirror seek trained, qualified help.

Wiring



Rear Camera Video Input

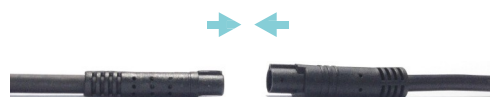
Front Camera Input – Use One Touch Button to View

RED: +12 Volts Accessory Only

GREEN: +12 Volt Trigger for Reverse Camera

BLACK: Ground – 12 Volts

Use care when aligning the connectors to each other. Misalignment can damage the pins and result in poor or no operation. DAMAGE is not covered by warranty.



OPERATION

Back up camera display

The Green standby indicator will always be on when the unit is powered and ready to display the camera or video input. When the monitor is displaying an image the indicator will be off.

1. When the car is in reverse, the monitor will automatically display the connected backup camera. The Reverse camera will always take a priority over the Front/Aux Input.
2. When the rear camera is being shown you can adjust the panel brightness by briefly pressing the One-Touch button on the mirror frame. Each press will increase the brightness and then cycle around to the lowest setting again.
3. To view the Front or Aux camera (when not in reverse) fast press the one touch button one time. There is a slight delay, then the mirror will confirm with a beep and the picture will be displayed. To turn off the Front / Aux input press the one-touch button again.

Automatic Screen Brightness Adjustment

The brightness of the 4.3” LCD screen will adjust automatically to its environment’s lighting conditions. In brighter conditions, the display will brighten to increase the image’s viewing ability. In darker conditions, it will decrease its brightness to a comfortable level for the driver.

NOTE: The Monitor automatically detects the light level with the photo sensor on the left side of the control button. Do not block this sensor or this function will not work correctly.

Troubleshooting

No Image to Mirror/Monitor	No Video	No Reverse Override
Verify the Green Power Indicator is on. If not check power connection & fuse.	Verify extension harness connection to camera.	Check connectivity of green reverse wire at Mirror/Monitor.
Verify ground < 10 Ohms resistance.	Verify harnesses are mated correctly at camera.	Verify extension harness connection to camera.
Verify secure connection to camera extension harness.	Verify 12-volts and ground connection at camera.	Verify +12V at the trigger wire.