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PLCM37FRV

Rearview Backup Camera

Waterproof Parking/Reverse Cam with Distance Scale Lines,
Night Vision, Angle Adjustable (Front/Rear Vehicle Mountable)

USER MANUAL

Please read all installation instructions carefully before installing the product. Improper installation will void manufacturer's warranty. The installation instructions do not apply to all types of vehicles, and are written as guidelines to assist in installing the system. Please consult an experienced technician if you are not comfortable installing the product. Prior to using and installing the Backup Camera System, please read the safety information provided in this user manual. Be sure to use the product as outlined in this user manual. Altercation or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

WARNING: *Failure to read and follow these warnings and instructions may result in serious injury, including damaged property, so please pay close attention and exhibit the utmost care.*

- The Rearview Backup Camera is designed as an aid to the driver in detecting potentially hazardous driving conditions, obstructions, and large stationary objects. You, the driver, must also remember to drive safely and properly. Use of the Digital Backup Camera is not a substitute for safe, proper and legal driving practices.
- Never back up while looking only at your connected monitor display screen. You should always check behind and around the vehicle when backing up just as you would if the vehicle did not have the Digital Backup Camera. Always make sure your driving area is clear. Always back up slowly and with caution.
- Never depend on the Backup Camera entirely when backing up. The image on the monitor display screen may be slightly different from actual and real time conditions. Objects viewed in the rear view monitor differ from actual distances because a wide-angle lens is used. So use the camera as an aid and always follow intended driving practices to properly judge distances from objects.
- The Backup Camera's assisted low lux lighting performance feature is also an aid to a driver. Always use your own eyes to confirm the vehicle's surroundings, as the displayed image may be not well lit or not entirely visible. Always proceed with caution and perform double checks before proceeding.

- The area displayed by the Backup Camera is limited. It does not display objects that are close to or just below the bumper, underneath the vehicle, or objects out of the camera's view. The camera's view can change according to your vehicle's orientation on the road or changing road conditions.
- Be sure to check the camera is properly functioning, is properly positioned and securely mounted, every time you operate your vehicle.
- Make sure your trunk or hatch operates correctly, as intended, before and after installation.
- Proceed with caution when cleaning your vehicle around the camera. Avoid excess water exposure around the camera especially with spraying or a power washer.
- Please make sure to keep the camera clean and unobstructed from any debris
- Follow all traffic laws and motor vehicle regulations.
- Consult local laws and regulations for any restrictions on installation or use.
- Using a Backup Camera System is not adequate enough to completely eliminate a vehicle's blind spot. Always remember to drive with caution, following all traffic laws.

System Installation and Wiring

Note: Camera System installation on diesel vehicles may require a slightly different wiring install.

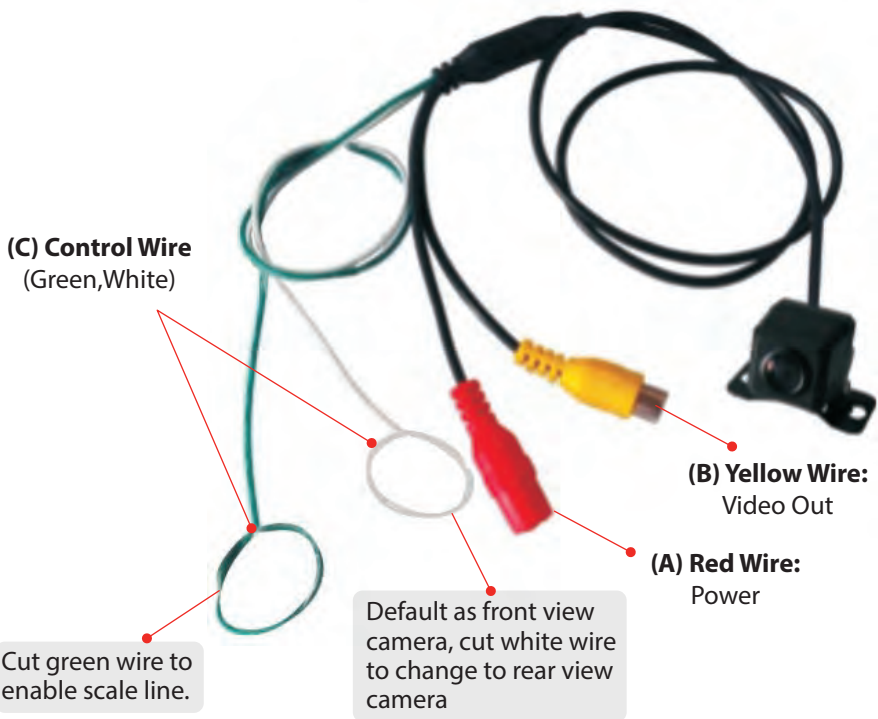
Caution: Connecting to other types of electrical systems will cause damage to your vehicle. Please contact the manufacturer if you are unaware of the system type in your vehicle. Refer to the model's power requirements prior to connection and installation.

Quick Installation:

This rearview backup camera system comes with camera and installation wiring. When installing, the camera is preferably to be mounted in the rear of your vehicle (just above the license plate).

This kit includes necessary wiring and cable connector accessories sufficient for typical connections. However, additional accessory cables and installation materials may be necessary for completely secure and operational backup camera performance.

1. Wire connection



Connect the 12V power to the red wire (A) using the included 1.2m cable. Use the included 5m cable to connect the yellow wire (B) to your video monitor.

For further control, use the control wires c, cut green wire to enable scale line; cut white wire to change the camera from front view camera to rear view camera

2. Installation

The camera can be installed in the following ways:

- A. Bracket-mount (see diagram 1)
- B. Flush-mount (see diagram 2)
- C. License plate screw-hole mount (see diagram 3)

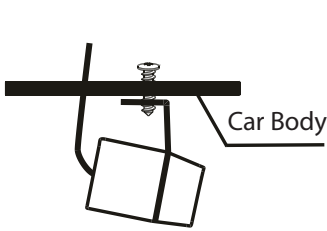


Diagram 1

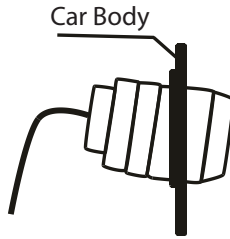


Diagram 2



Diagram 3

2.1: Bracket-mount: Install in the rear bumper or on the license plate.

Affix with screws.

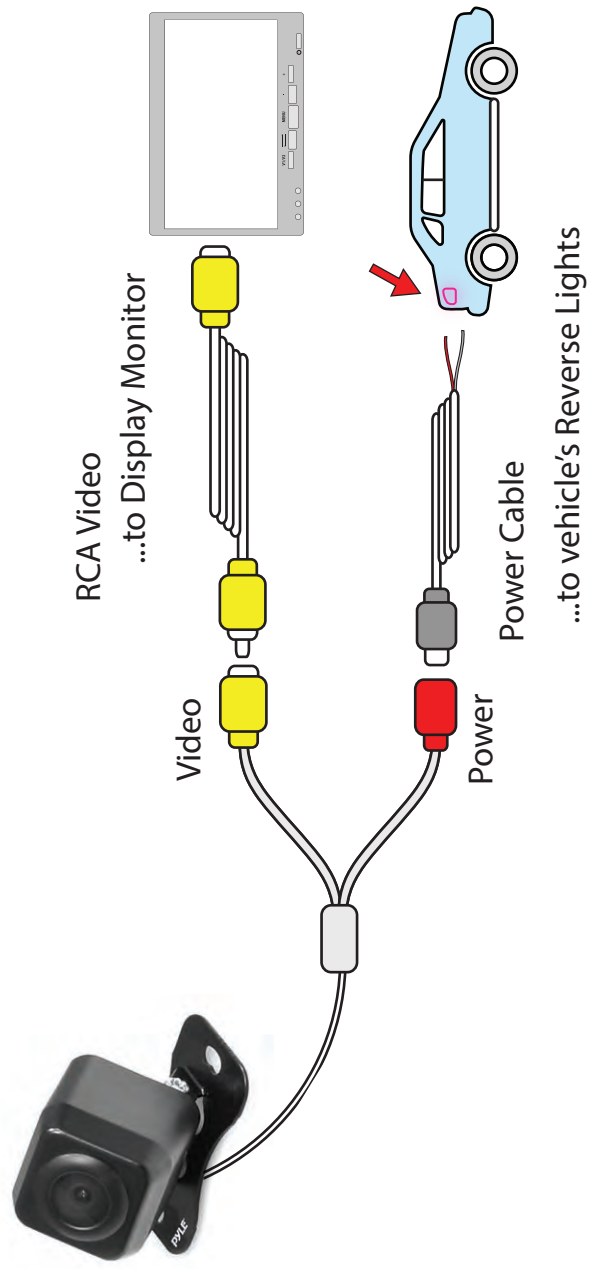
2.2: Flush-mount: Install by drilling a hole on the rear bumper.

2.3: License plate camera: Mount in the screw hole on the license plate, then affix with a nut.

Attention: The camera switch is controlled by the reverse gear shift.

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Rear-View Backup Camera

Waterproof Parking/Reverse Cam with Distance Scale Lines, Night Vision,
Angle Adjustable (Front/Rear Vehicle Mountable)

Features:

- Universal Mount Backup Camera
- Compact Mini Cam Style
- Optional Installation: Front / Rear Vehicle Mountable
- Waterproof & Weather-Resistant
- Hanging Mountable Camera Housing
- Distance Scale Line Display Output
- Angle Adjustable Camera
- Night Vision Illumination
- Auto Image Adjustment
- Color Camera Output Display

What's in the Box:

- Backup Camera
- RCA Video Cable, 20' ft.
- DC Power Cable, 3' ft.

Technical Specs:

- Image Sensors 1.3" Color CMD
- Resolution: 580 x 540 Pixels
- Waterproof Marine Grade Rating: IP-68
- PAL/NTSC Compatible
- Wide Viewing Angle Lens: 170 Degree
- Video Output 1.0 Vpp-75 Ohm
- Power Supply: DC 12V
- Camera Housing Size (L x W x H): 1.0" x 0.8" x 0.8" -inches
- Sold as: Unit

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