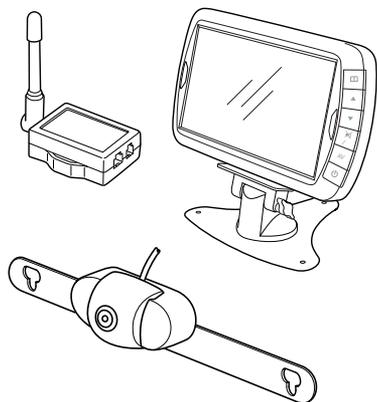




7.0-inch Back-Up Camera

Model No.: PKC0BU7

Owner's Manual and Warranty Information



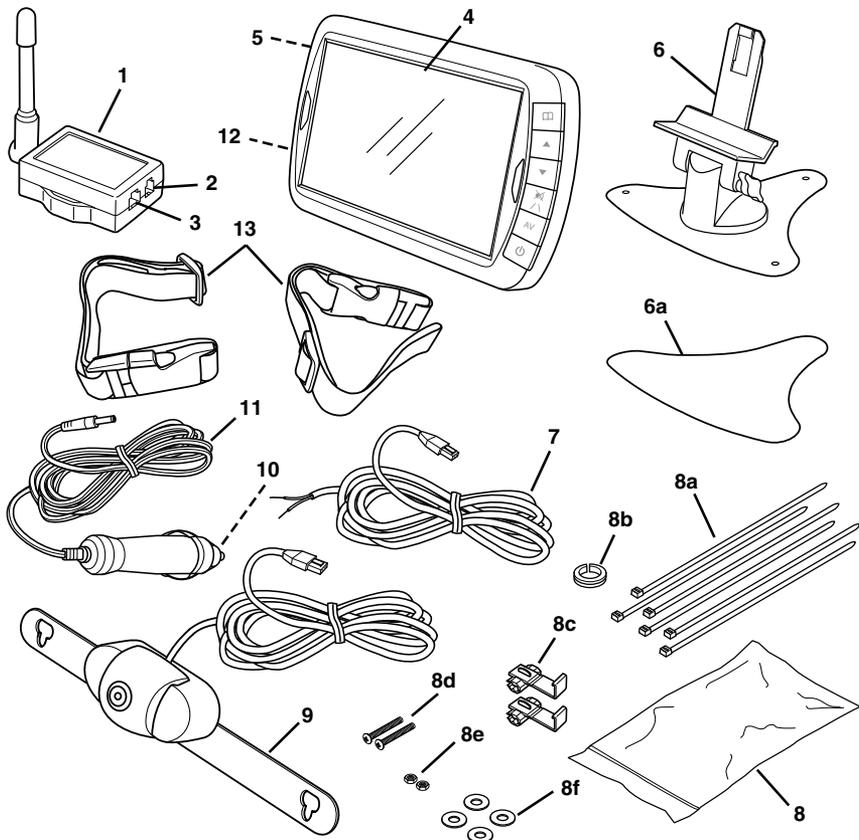
**Read these instructions completely before using this product.
Retain this Owner's Manual for future reference.**

INTRODUCTION

The Back-Up Camera displays images behind the vehicle, and is used when backing up a vehicle. When the vehicle is driven in reverse, the camera is activated, which sends a signal to the transmitter. The transmitter sends a video signal to the monitor, which then displays the view captured by the camera.

FEATURES

- Color monitor displays view from the rear of the vehicle
- Wireless monitor can be suction-mounted to windshield or dash for easy visibility
- Adjustable monitor mounting arm
- Adjustable vertical camera angle
- Weatherproof camera with 110° viewing angle
- Reduces the danger of harm or damage due to unseen objects
- System activates automatically when car is shifted into reverse
- Two-wire installation



Legend

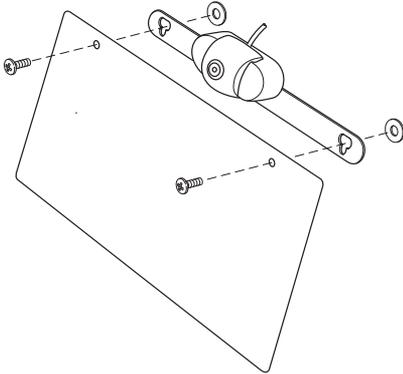
- | | | |
|--------------------------------|---------------------------|--|
| 1. Transmitter | 7. Transmitter Power Cord | 9. Camera |
| 2. Transmitter Power Port | 8. Hardware Bag | 10. 1A Fuse |
| 3. Camera Port | 8a) Ties | 11. Monitor Cigarette Lighter/
Accessory Socket Power
Cord |
| 4. Monitor | 8b) Plastic Grommet | 12. Monitor Power Port |
| 5. Audio/Visual Port | 8c) Wire Connectors | 13. Monitor Mounting Bolts |
| 6. Monitor Arm | 8d) Screws | |
| 6a) Double Sticky Back
Base | 8e) Locknuts | |
| | 8f) Washers | |

INSTALLATION

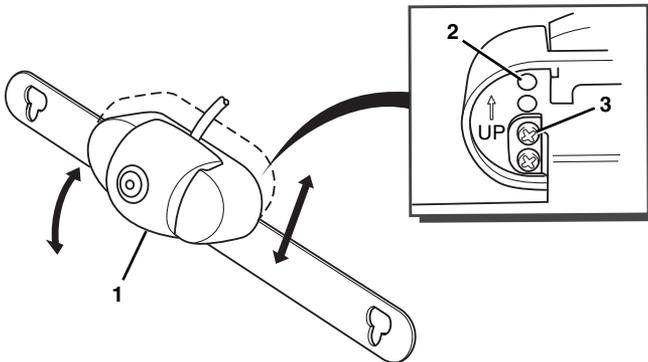
NOTICE Some states or local governments may have regulations or laws that restrict the use of anything that might impair the clear view of a license plate. Check local laws for compliance.

NOTICE For the Back-Up Camera to be properly installed, it must be wired into the vehicle's taillight harness. If you are not comfortable or knowledgeable with 12-volt DC wiring, have the system professionally installed.

NOTICE These instructions are only meant as a general guide due to the number of different makes and models of vehicles. For vehicle-specific questions, contact your vehicle's manufacturer.



1. Remove the screws that hold the license plate to the vehicle.
2. Position the camera mounting plate behind the license plate.
3. Insert the screws through the license plate, the camera mounting plate and the washers. If your hardware is not the correct length, use the supplied hardware.



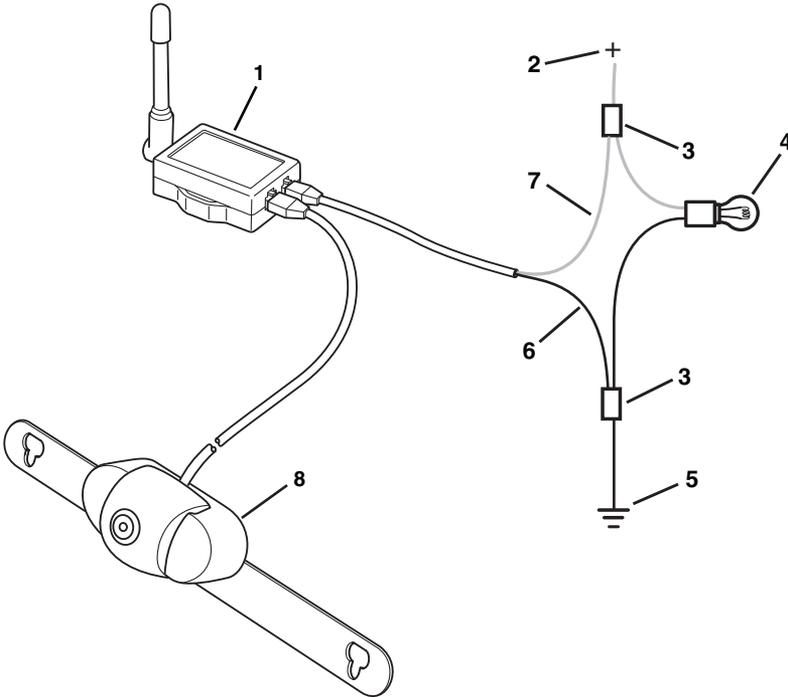
Legend

1. Camera
2. Screw Holes
3. Camera Adjusting Screws

NOTICE The camera angle should be adjusted to a horizontal position relative to the ground, so as to provide optimal view of objects behind the vehicle.

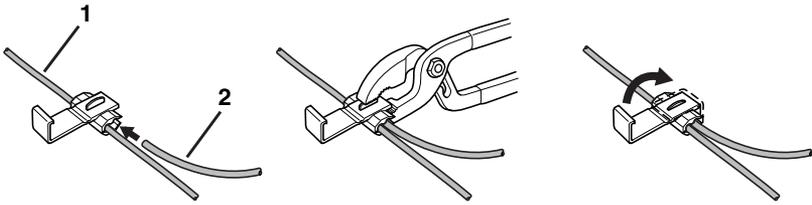
4. Adjust the camera as required:
 - To adjust the camera angle, tilt the camera to one of the five positions.
 - The camera should be adjusted to a horizontal position relative to the ground, so as to provide optimal view of objects behind the vehicle.
 - To adjust the camera height, remove the camera adjusting screws, move the camera to line up with the desired holes and install the camera adjusting screws. Make sure the arrows on the back of the camera are pointing upward.

5. Install the license plate screws to secure the camera to the vehicle.
6. Determine which are the positive (+) and negative (-) wires for the reverse lights on the vehicle. You can use either the right- or left-side reverse light wires. For help locating the vehicle's reverse light circuit, contact your vehicle's manufacturer for vehicle-specific wiring diagrams.
7. Remove the vehicle's negative (-) battery cable.
8. Once the proper wires for the reverse lights have been determined, the transmitter wires must be spliced into the vehicle wires using the supplied wire connectors. If you choose to wire the transmitter using a different method, you must be knowledgeable in 12-volt DC electrical practices.



Legend

1. Transmitter
 2. Positive (+) Wire from Reverse Light
 3. Wire Connector
 4. Reverse Light
 5. Negative (-) Wire from Reverse Light
 6. Negative (-) Transmitter Power Wire (Black)
 7. Positive (+) Transmitter Power Wire (Red)
 8. Camera
9. The red positive (+) wire from the transmitter splices into the positive (+) wire from the reverse lights and the black negative (-) wire from the transmitter splices into the negative (-) wire from the reverse lights.
 10. Position the connector around the vehicle wire you are splicing into.
 11. Slide the appropriate wire from the transmitter into the connector.



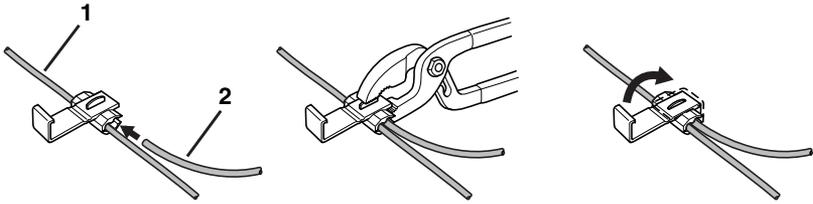
Legend

1. Wire from Vehicle
2. Wire from Transmitter

12. Crimp the metal clamp using a pliers to ensure a good connection and then close the lock of the wire connector. Do this for both the positive (+) and negative (-) wires from the reverse light.
13. Mount the transmitter in an area where the wire from the camera can be plugged into it.
14. Reconnect the vehicle's negative (-) battery cable.
15. Plug the transmitter power cord plug into the transmitter power port.

NOTICE Depending on your vehicle type, it may be necessary to drill a hole to route the camera wire. Before you drill a hole you **MUST CHECK WHAT IS BEHIND THE DRILLING LOCATION**. If there are any vehicle components, like electrical parts or fuel system components, behind the drilling location, you must take precaution not to damage them.

16. Route the wire from the camera to the transmitter. Some vehicles may have a hole to route the camera wire through; for example, the hole for the wires for the license plate light.
17. If you need to drill a hole, use a 1/2 in. (13 mm) drill to drill the hole. Install the plastic grommet in the hole. You must use the grommet to prevent the edge of the hole from damaging the camera wire.
18. Insert the camera wire through the grommet and route it to the transmitter.
19. Plug the camera wire plug into the transmitter camera port and secure the wire with wire ties if needed.
20. Find a mounting surface inside the vehicle for the monitor where it can be easily seen, but is not near the rearview mirror assembly or in any other position where it can obstruct your vision when driving.
21. Clean and dry the mounting surface.
22. Remove the film from the foam adhesive pad and press stand firmly onto mounting surface.
NOTE: After mounting, protect the mounting surface from direct sunlight for 24 hours.
23. Slide the monitor onto the monitor arm. The monitor angle can be adjusted by loosening the monitor angle adjustment knobs, tilting the monitor, then tightening the knobs.
24. Plug the monitor cigarette lighter/accessory socket power cord into the monitor power port.
25. Plug the monitor cigarette lighter/accessory socket power cord into a 12-volt DC power port. The screen will flash, then turn off, and the monitor's blue power LED will blink, indicating the monitor is in standby mode (monitor has power and is turned on, but the vehicle is not in reverse).
26. Route and secure all wires as needed.



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1. Press the menu button to bring up the settings screen.
2. Press the menu button to scroll through the different adjustments. Press the UP button to increase or the DOWN button to decrease settings.
3. The monitor can be mounted in any position. To change the view on the screen, scroll to direction. Press the UP or DOWN button to change the view and display the image correctly.
4. To exit, scroll to exit and press the DOWN or UP button.
5. To turn the guidelines on or off, press the guidelines/mute button. When playing audio or video, pressing the guidelines/mute button will mute the sound.

Setting Display to MANUAL or AUTO Mode

The display monitor is equipped with an audio/visual port where an audio/visual device can be plugged in.

1. Use the menu button and scroll down to BACKUP.
2. Pushing the UP or DOWN button will change the display back to MANUAL mode or AUTO mode.
3. If using an audio/visual device when in MANUAL mode, when the vehicle is shifted to reverse the Back-Up Camera image will not display on the monitor unless you push the A/V button. To use your audio/visual device again, you must push the A/V button again.
4. When in AUTO mode, the Back-Up Camera image will display when shifted into reverse and will go back to display the audio/visual device when shifted out of reverse.

CARE AND MAINTENANCE

Storage

Store this Back-Up Camera in a cool, dry area and keep it away from direct sunlight, heat, excessive humidity and dampness.

Cleaning

Do not clean or wipe the Back-Up Camera with solvents or chemical materials. If necessary, remove dirt or stains using a soft cloth dampened with a mild detergent solution.

Fuse Replacement

1. Turn the cap on the tip of the power plug counterclockwise (no tools needed).
2. Remove the cap, center pin and fuse.
3. Replace the fuse with a new 1-amp fuse.
4. Replace the center pin and cap. Turn the cap clockwise.

Disposal



The Back-Up Camera is designed to provide years of service. The Back-Up Camera should be recycled or safely disposed of at a local recycling center. Examples of places that will accept items like this are: county or municipal recycling drop-off centers or scrap metal dealers.

SPECIFICATIONS

Camera	
Current consumption (with transmitter)	<160 mA
Pixels	640 x 480
View angle (measured 9.8 ft [3 m] from camera)	110° ± 15°
Transmitter	
Frequency	2414 ± 0.3 MHz
RF transmission distance	197 ft (60 m)
Operation/storage temperature	14° to 140°F (-10° to 60°C)
Monitor	
LCD display screen size	7.0 in. (178 mm)
Power cord fuse	1A

FCC INFORMATION

⚠ WARNING Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTICE This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the transmitter.
- Increase the separation between the equipment and monitor.
- Connect the equipment into an outlet on a circuit different from that to which the monitor is needed.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of device. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate this equipment.

Notice to Drivers in California and Minnesota:

State law prohibits drivers in California and Minnesota from using suction mounts on their windshields while operating motor vehicles. Other dashboard or friction mounting options should be used. Peak® does not take any responsibility for any fines, penalties, or damages that may be incurred as a result of disregarding this notice. (See California Vehicle Code Section 26708(a); Minnesota Statutes 2005, Section 169.71)

TROUBLESHOOTING

Problem	Situation	Action
Monitor display is blank or unclear	The camera lens is covered with snow, mud, ice, etc.	Clean lens.
	The camera is mounted incorrectly or has moved	Check camera location and alignment. Realign as necessary.
	No power to the monitor or camera	Ensure all wires are correctly connected to the monitor, transmitter, camera and into the vehicle reverse light circuit. Check all wire connections and splices for proper connection.
	Monitor power button is off	Turn monitor power button on.
	Camera is angled incorrectly	Adjust camera angle.
	Screen settings are incorrect	Adjust screen using monitor buttons.
	Monitor is angled incorrectly	Adjust monitor angle using adjustment knobs.