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## EWAY Light 2.0

# EWAY Light 2.0 Spare Tire Reverse Backup Camera Instruction Manual

Model: Light 2.0 | Brand: EWAY

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your EWAY Light 2.0 Spare Tire Reverse Backup Camera. Please read this manual thoroughly before installation and use to ensure proper function and safety. This camera system is designed to enhance rear visibility for safer reversing and parking.

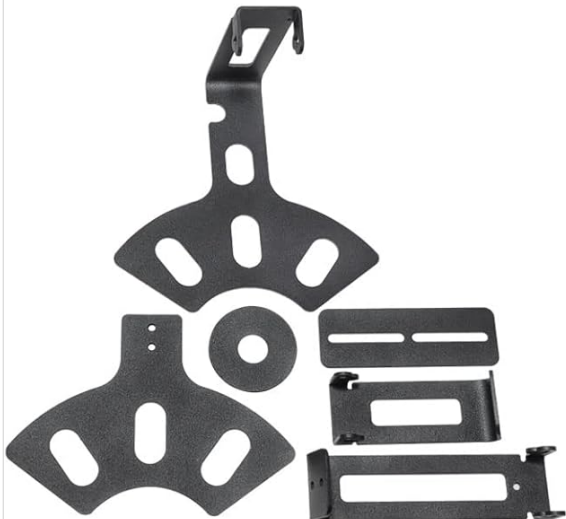
## PACKAGE CONTENTS

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Verify that all items listed below are included in your package. If any items are missing or damaged, please contact EWAY customer support.

- Tire Mount Bracket
- Camera with Power Cable
- Adapter for Factory Radio
- Video Extension Cable
- Installation Accessories (screws, wrench, etc.)

# PACKAGE LIST



**Tire Mount Bracket**



**Camera with Power Cable**

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**Adapter for  
Factory Radio**



**Video  
Extension Cable**



**Installation  
Accessories**

Image: Contents of the EWAY Light 2.0 Spare Tire Reverse Backup Camera package, including the camera, various cables, mounting brackets, and installation tools.

## SPECIFICATIONS

<b>Brand</b>	EWAY
<b>Product Dimensions</b>	6.14"L x 5.6"W x 3.58"H
<b>Compatible Devices</b>	Monitor with RCA connection
<b>Installation Type</b>	Bracket Mount (Spare Tire)
<b>Voltage</b>	12 Volts
<b>Optical Sensor Technology</b>	CCD
<b>Lens Type</b>	Wide Angle
<b>Real Angle of View</b>	150 Degrees
<b>Connector Type</b>	RCA
<b>Video Capture Resolution</b>	720p
<b>Waterproof Rating</b>	IP69

## COMPATIBILITY

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The EWAY Light 2.0 Spare Tire Reverse Backup Camera is compatible with the following Jeep models and years:

- Jeep Commander (2008-2010)
- Jeep Compass (2009-UP)
- Jeep Grand Cherokee (2008-2013)
- Jeep Liberty (2008-2014)
- Jeep Patriot (2009-2015)
- Jeep Wrangler (2007-UP)
- Jeep Rubicon (2007-2020)

This system is designed for use with factory or aftermarket displays that support an RCA connection.

# DESIGNED FOR

## 2007-2018 Jeep Wrangler JK JKU



Image: A Jeep Wrangler JK on a dirt road, illustrating the vehicle type compatible with the EWAY Light 2.0 camera system.

## SAFETY INFORMATION

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Always exercise caution when operating your vehicle, especially when reversing. The backup camera is an aid and should not replace direct observation. Ensure the camera lens is clean and unobstructed for optimal performance. Professional installation is recommended for electrical components if you are unfamiliar with vehicle wiring.

## SETUP AND INSTALLATION

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The EWAY Light 2.0 camera features an upgraded, lighter bracket design and an adjustable camera lens for flexible mounting and optimal viewing angles. The system is designed to accommodate various wheel designs, both factory and aftermarket.

### Bracket and Camera Adjustment

The camera lens can be adjusted vertically up to 90 degrees to achieve the most comfortable and effective viewing angle for your specific vehicle setup. The bracket itself offers multiple adjustment points to fine-tune the camera's position.

# EWAY

## Adjustable Wide-angle Lens



Image: Close-up view of the EWAY Light 2.0 camera showing its adjustable wide-angle lens, allowing for precise vertical positioning.

## AJUSTABLE ANGLE OF VIEW

The lens can be adjusted up and down 90°, giving you a most comfortable viwing angle.



Image: Diagram illustrating the 90-degree vertical adjustment capability of the EWAY Light 2.0 camera lens for optimal viewing.

### Mounting Options

The Light 2.0 includes two mounting brackets, providing flexibility for installation. It is designed to fit spare tire openings typically found at the 1-2 o'clock position or can be installed upside-down, accommodating virtually any wheel design.



**Upgrade Design**

**Old Version**

### Key Upgrades

- ↑  Camera Upgrade
- ↑  Mount Anywhere on Spire Tire
- ↑  Lighter design Easier to install

Image: Comparison of the EWAY Light 2.0's upgraded, lighter bracket design with an older version, highlighting improvements for easier installation and durability.

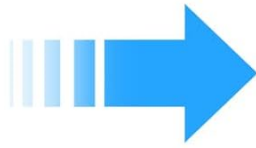
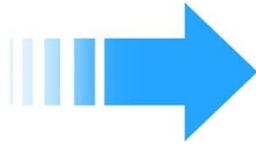
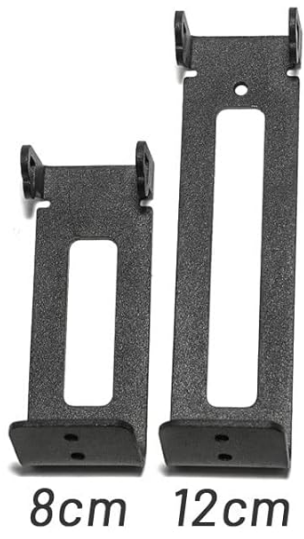


Image: Illustration of the two adjustable mounting brackets (8cm and 12cm) included with the EWAY Light 2.0 camera, demonstrating their flexibility.



Image: Visual guide demonstrating various mounting positions for the EWAY Light 2.0 camera on a spare tire, including 12 o'clock and upside-down orientations.

### Wiring Connection

Connect the camera's video output to your vehicle's display unit using the provided RCA video extension cable. The power cable should be connected to a 12V power source, typically the reverse light circuit, so the camera activates when the vehicle is in reverse. An adapter for factory radios is included for compatible systems.

### Installation Video Guide

For a visual guide on the installation process and features of the EWAY Light 2.0 Spare Tire Adjustable Camera, please watch the video below.

Your browser does not support the video tag.

Video: An official EWAY video demonstrating the installation and adjustable features of the Light 2.0 Spare Tire Backup Camera for Jeep Wrangler.

### OPERATING INSTRUCTIONS

Once properly installed, the EWAY Light 2.0 camera will automatically activate when your vehicle is shifted into reverse, displaying the rear view on your connected monitor.

### Viewing Angle and Clarity

The camera provides a 150-degree wide viewing angle, offering a comprehensive view of the area behind your vehicle. The high-definition color CCD sensor ensures clear image crispness during the day and enhanced brightness at night.

## FLEXIBLE ADJUSTMENT OF MOUNT

The Adjustable camera bracket is designed to accommodate virtually any wheel design factory or aftermarke



Image: A vehicle reversing with the camera view displayed on a monitor, showing tri-color parking guidelines to assist with parking maneuvers.



## FOR YOUR BACK SAFETY

150°wide viewing angle for reversing

Image: Overhead view of a parking scenario, demonstrating the 150-degree wide viewing angle provided by the EWAY Light 2.0 camera for enhanced reversing safety.

### Removable Guidelines

The camera features removable parking guidelines. You can switch these guidelines on or off by unplugging or inserting the small black button located on the camera's wiring, providing flexibility based on your preference.



## LIGHT 2.0 FULLY ADJUSTABLE BRACKETS

Upgraded with 90° up & down viewing angle

Image: A split image showing the camera view with parking guidelines enabled on the left and disabled on the right, illustrating the removable guideline feature.

## MAINTENANCE

To ensure the longevity and optimal performance of your EWAY Light 2.0 camera, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the camera lens with a soft, damp cloth to remove dirt, dust, or mud. Avoid abrasive cleaners that could scratch the lens.
- **Waterproof Design:** The camera is IP69-rated waterproof, designed to withstand significant vibration, mud, and dirt. However, avoid directing high-pressure water jets directly at the camera for extended periods.
- **Cable Inspection:** Periodically check all cables and connections for any signs of wear, damage, or corrosion. Ensure connections remain secure.



Image: A blue Jeep with the EWAY Light 2.0 camera installed, driving in snowy conditions, demonstrating the IP69K waterproof capability.

## TROUBLESHOOTING

If you encounter issues with your EWAY Light 2.0 camera, refer to the following common troubleshooting steps:

- **No Image on Monitor:**
  - Check all power connections to ensure they are secure and receiving 12V.

- Verify the video cable is securely connected to both the camera and the monitor.
- Ensure your monitor is set to the correct input source for the camera.
  
- **Distorted or Unclear Image:**
  - Clean the camera lens thoroughly.
  - Check for any loose or damaged video cable connections.
  - Ensure the camera lens is not obstructed by the spare tire or other vehicle components. Adjust the camera angle if necessary.
  
- **Guidelines Not Appearing/Disappearing:**
  - Check the small black button on the camera's wiring. Insert it to enable guidelines, unplug it to disable them.

If these steps do not resolve the issue, please contact EWAY customer support for further assistance.

## **WARRANTY AND SUPPORT**

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EWAY is committed to providing quality products and excellent customer service. For warranty information, technical support, or any inquiries regarding your Light 2.0 Spare Tire Reverse Backup Camera, please refer to the contact information provided with your purchase or visit the official EWAY website. Our professional after-sales team is available to assist you.