

## Hodozzy B0FB3M2WYC

# Hodozzy Reversing Camera Instruction Manual

For Citroen Jumpy, Peugeot Expert, Toyota Proace (2007-2016)

## 1. PRODUCT OVERVIEW

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The Hodozzy Reversing Camera is designed to enhance rear visibility for compatible vehicles, providing a clear view during reversing maneuvers. This camera integrates into the third brake light assembly, offering a discreet and effective solution.

### 1.1 Compatibility

- Citroen Jumpy (2007-2016)
- Peugeot Expert (2007-2016)
- Toyota Proace (2007-2016)

### 1.2 What's in the Box

- Reversing Camera (integrated with third brake light housing)
- Video Cable (10 meters)
- Power Cable (1 meter)
- Adapter Cable



Image: Package contents showing the camera, 10m video cable, adapter cable, accessories, 1m power cable, and manual.

## 2. SETUP AND INSTALLATION

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Follow these steps for proper installation of your Hodozzy Reversing Camera. No drilling is required as the camera is designed to replace your vehicle's existing third brake light.

### 2.1 Installation Steps

1. **Unscrew and Remove Original Brake Light:** Unscrew the screws on both sides of the original third brake light cover and carefully remove it.
2. **Remove LED Module:** Detach the LED module from the bottom of the original brake light cover.
3. **Install LED Module into Camera Housing:** Install the removed LED module into the bottom of the new reversing camera housing.
4. **Mount Camera:** Install the reversing camera with the LED module back into the vehicle's third brake light position and tighten the screws on both sides.



Image: Visual guide for easy connection and installation of the camera.

## 2.2 Wiring Diagram

Connect the camera to your monitor and vehicle's power supply as shown in the diagrams below. Ensure all connections are secure.



Image: Detailed wiring diagram showing connections for camera power, video signal, and monitor.

### Monitor Connection Options:

- **Option 1 (Figure 1):** If your monitor cable is configured with a 4-pin connector, an aviation adapter must be used to connect the extension cable to the camera.
- **Option 2 (Figure 2):** If your monitor cable configuration allows, connect it directly to the camera using an extension cable.



Image: Monitor connection diagram (Figure 1) using an adapter cable.



Image: Monitor connection diagram (Figure 2) using a direct extension cable.

### 3. OPERATING INSTRUCTIONS

Once installed and wired correctly, the camera will automatically display the reversing image on your car radio or monitor when reverse gear is engaged.

#### 3.1 Key Features

- **HD AHD/CVBS Image:** Provides clear and precise real-time images.
- **IR Night Vision:** Integrated infrared detection technology ensures clear images in low-light conditions, helping to identify obstacles and pedestrians at night.
- **140° Wide Angle:** An adjustable 140-degree viewing angle expands the field of view and covers more blind

spots.

- **IP67 Waterproof:** Fully sealed, waterproof, and shock-resistant design ensures stable operation in various weather conditions.

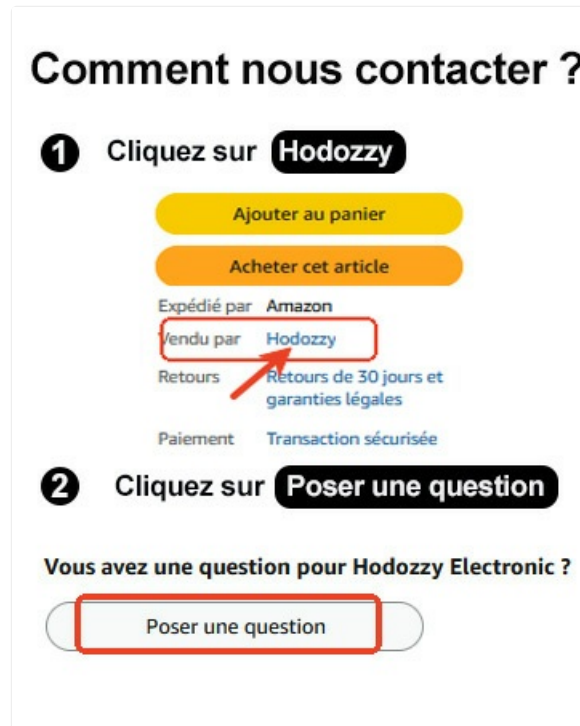


Image: Visual representation of key camera features including image quality, waterproofing, night vision, and wide-angle view.

### 3.2 Switching Video Modes (AHD/CVBS)

The camera supports both AHD (1280 x 720p) and CVBS (640 x 480) video modes. You can switch between these modes by manipulating the white control wire from the power cord:

- **CVBS Signal:** Connect the white control wire.
- **AHD Signal:** Cut the white control wire.

In CVBS mode, the auxiliary reversing line is supported.

## 4. MAINTENANCE

To ensure the longevity and optimal performance of your Hodozzy Reversing Camera, follow these maintenance guidelines:

- **Regular Cleaning:** Periodically clean the camera lens with a soft, damp cloth to remove dirt, dust, or water spots that may obstruct the view. Avoid abrasive cleaners.
- **Check Connections:** Occasionally inspect all cable connections to ensure they are secure and free from corrosion.
- **Waterproofing:** The camera is IP67 waterproof, meaning it is protected against dust and temporary immersion in water. However, avoid directing high-pressure water jets directly at the camera for extended periods during car washes.
- **Environmental Protection:** While designed for automotive use, extreme temperatures outside the operating range of -20°C to +60°C should be avoided if possible.

## 5. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No image on monitor	Loose power or video cable connection; Incorrect wiring; Faulty camera or monitor.	Check all cable connections. Ensure power and video cables are correctly wired. Test with another monitor if possible.
Image is blurry or distorted	Dirty lens; Incorrect video mode (AHD/CVBS mismatch with monitor); Cable interference.	Clean the camera lens. Ensure the camera's video mode (AHD/CVBS) matches your monitor's input. Check for damaged cables.
Night vision not working	IR LEDs obstructed or faulty; Insufficient ambient light for IR activation.	Ensure the camera lens and IR LEDs are clean and unobstructed. Verify power supply to the camera.
Reversing lines not displayed	Camera is in AHD mode; Monitor setting.	Ensure the camera is in CVBS mode (white control wire connected). Check your monitor's settings for parking line display.

If the problem persists after attempting these solutions, please contact customer support.

## 6. SPECIFICATIONS

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Detailed technical specifications for the Hodozzy Reversing Camera:

- **Brand:** Hodozzy
- **Effective Fixed Resolution:** 1 Megapixel
- **Video Resolution:** CVBS 640x480, AHD 1280x720
- **Video Format:** PAL
- **Optical Sensor Technology:** CMOS Infrared
- **Optical Sensor Size:** 1/3 inch
- **Lens Type:** Wide Angle
- **Actual View Angle:** 140 degrees
- **Operating Temperature:** -20°C to +60°C
- **Input Voltage:** 12 V
- **Input Current:** 100 mA
- **Waterproof Rating:** IP67
- **Installation Type:** Surface Mount (Third Brake Light)
- **Connector Type:** RCA

## 7. WARRANTY AND SUPPORT

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### 7.1 Manufacturer Warranty

This Hodozzy Reversing Camera comes with a **2-year manufacturer warranty**. Please retain your proof of purchase for warranty claims.

### 7.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Hodozzy customer support through the platform where you purchased the product. Typically, this involves:

1. Navigating to your order history.
2. Selecting the Hodozzy Reversing Camera product.
3. Clicking on the seller's name (Hodozzy) and then selecting the 'Ask a question' option.



Image: Instructions for contacting customer support through the online marketplace.