

## GreenYi B0BMLN4SWF

# GreenYi Trajectory Backup Camera for VW Audi - AHD 720P Rearview Camera User Manual

Model: B0BMLN4SWF

## 1. INTRODUCTION

Thank you for choosing the GreenYi Trajectory Backup Camera. This manual provides detailed instructions for the installation, operation, and maintenance of your new rearview camera system. Please read this manual thoroughly before installation and use to ensure proper function and safety.

This camera is designed to provide a clear view of the area behind your vehicle, enhancing safety during reversing maneuvers. It features dynamic trajectory guidelines and a wide viewing angle for comprehensive coverage.

## 2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 \* Trunk Handle Backup Camera for VW AUDI
- 1 \* HD 720P Backup Camera (Generic camera with holders)
- 1 \* 19.7FT Double Shielded RCA Video Cable
- 1 \* 26FT Double Shielded Video Cable
- 2 \* 5FT Power Cable
- 1 \* Metal Holder set
- 1 \* Accessory Bag for Metal Holder
- 1 \* Silicone Holder
- 1 \* Accessory Bag for Silicone Holder
- 1 \* User Manual (This document)
- 1 \* Adhesive Tape
- 1 \* Removal Tool
- 5 \* Zip Ties
- 5 \* Wire Clamps
- 1 \* Mini Screwdriver
- 1 \* RCA Male to Male Coupler

- 1 \* RCA Female to Female Coupler
- 1 \* Electric Adhesive Tape
- 2 \* T-tap Sets

### 3. SPECIFICATIONS

Feature	Specification
Image Sensor	CCD AHD Chip
TV System	NTSC
Resolution	1280*720 Pixels
Viewing Angle	170 Degrees
Signal to Noise Ratio	≤48dB
Waterproof Grade	IP68
Power	DC 12-24V
Minimum Illumination	0.01Lux / F1.5
Working Humidity	80%RH
Operating Temperature	-22°F — +140°F (-30°C — +60°C)
Storage Temperature	-40°F — +176°F (-40°C — +80°C)
Compatible Devices	Monitor with RCA connector
Installation Type	Aftermarket, Wired
Lens Type	Fisheye

### 4. COMPATIBILITY

This camera system is designed for various VW and Audi models. It is crucial to measure your vehicle's trunk handle dimensions to ensure compatibility if you plan to use the trunk handle camera. Both camera types require a monitor with an RCA connector for video input.

**Important:** Please check the size of your trunk handle to confirm compatibility with the dedicated trunk handle camera. Refer to the dimensions provided in the image below.



Please check if our camera size is compatible with your trunk

**Figure 4.1:** Trunk Handle Camera Dimensions. This image displays the physical dimensions of the trunk handle camera, indicating a width of 4.33 inches (11 cm) and a height of 1.97 inches (5 cm), with screw spacing of 2.76 inches (7 cm).

The cameras are compatible with various display units that accept RCA video input, including:

- Double DIN stereo radio head units
- OEM navigation systems
- Android DVD players
- Rearview mirror monitors
- Backup TFT LCD monitors

## Fit For



**Figure 4.2:** Compatible Display Units. This image illustrates the camera's compatibility with various in-car display systems such as car stereo MP5 players, Android head units, car mirror monitors, and dedicated car monitors, all connecting via RCA cables.

## 5. INSTALLATION

### 5.1. Pre-Installation Check

1. If using the trunk handle camera, ensure your vehicle's trunk handle dimensions match the camera's specifications.
2. Confirm your display unit has an RCA video input.
3. Gather all necessary tools (e.g., mini screwdriver, removal tool, zip ties, wire clamps, electric tape).

### 5.2. Physical Installation

**For Trunk Handle Camera:** The camera is designed to replace your existing trunk handle. Use the provided removal tool to carefully remove the original trunk handle. Install the GreenYi camera in its place, ensuring a secure fit.

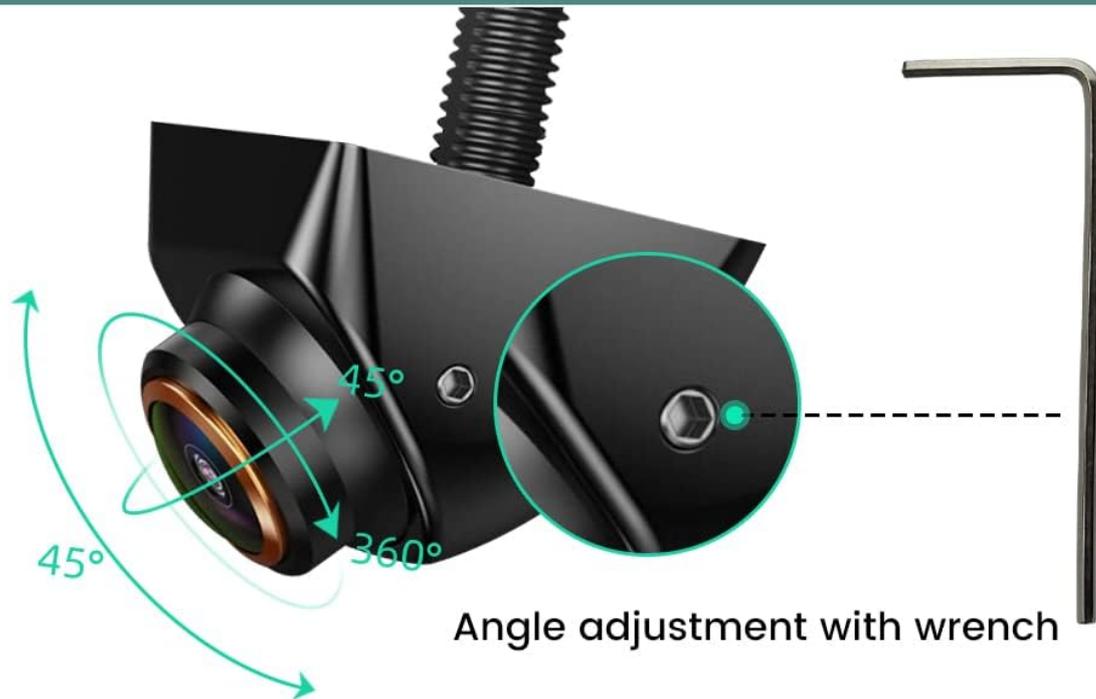
**NOTE: Please check your TRUNK SIZE to see if compatible**



**Figure 5.1:** Trunk Handle Camera Installation. This image shows a comparison of a vehicle's trunk handle before and after the installation of the GreenYi backup camera, demonstrating how the camera integrates seamlessly into the existing trunk handle slot.

**For Generic HD 720P Camera:** This camera features a built-in rotating metal body, allowing you to adjust the viewing angle. Use the mini wrench to rotate the lens part to achieve the best viewing angle on your monitor. It can be mounted in various positions using the provided metal or silicone holders.

# Adjustable Camera Body



Angle adjustment with wrench



**Figure 5.2:** Adjustable Camera Body. This image illustrates the generic camera's adjustable lens, which can be rotated 360 degrees and tilted up to 45 degrees using the included mini wrench to optimize the viewing angle.

Examples of alternative mounting positions for the generic camera include front view, upside down, below the grille, rear view, horizontal, vertical, on the car body, or below the mirror.

## Various Installation Positions with 2 Different Holders



**Figure 5.3:** Alternative Installation Positions. This image displays nine different potential mounting locations for the generic camera, including front view, rear view, side view, and various orientations, demonstrating its versatility with different holders.

### 5.3. Wiring Diagram

Follow the wiring diagram carefully to connect the camera to your vehicle's power supply and display unit. Ensure all connections are secure and properly insulated.

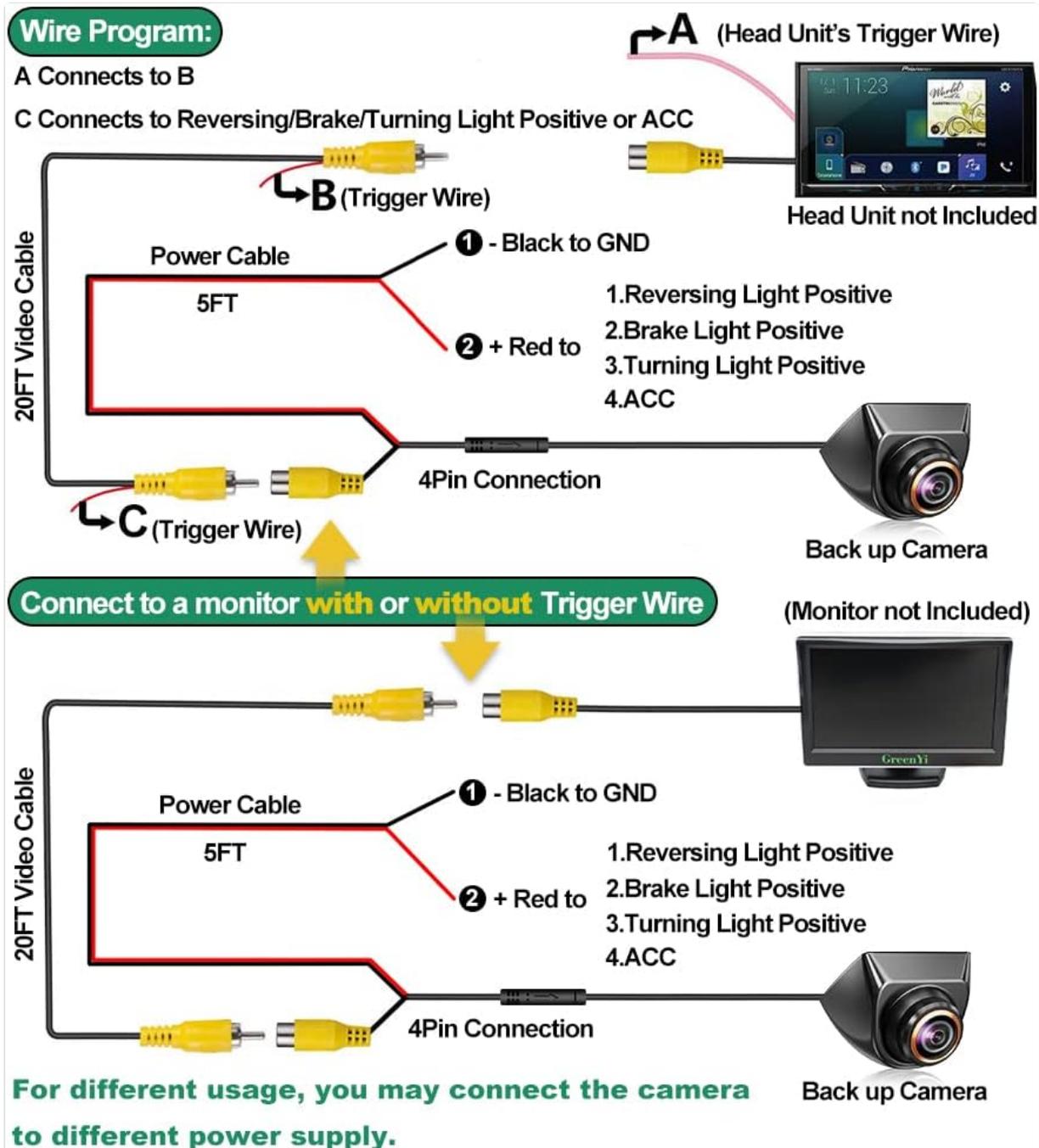


Figure 5.4: Camera Wiring Diagram. This diagram illustrates two primary wiring configurations: one for connecting to a head unit with a trigger wire (A to B, C to reversing/brake/turning light positive or ACC), and another for connecting directly to a monitor (power cable to reversing light positive and ground, video cable to monitor).

- **Power Cable:** Connect the red wire to a 12-24V DC power source (e.g., reversing light positive, brake light positive, turning light positive, or ACC). Connect the black wire to vehicle ground (GND).
- **Video Cable:** Connect the RCA video cable from the camera to the RCA video input on your display unit.
- **Trigger Wire (if applicable):** If your head unit has a trigger wire for the rearview camera, connect it as shown in the diagram (A connects to B, C connects to reversing/brake/turning light positive or ACC).

**Note:** For some vehicle models, the power supply might be outside the optimal range (too high or too low) for the camera. In such cases, an additional relay filter (not included) may be required.

## 6. OPERATION

### 6.1. Basic Functionality

Once properly installed and powered, the camera will automatically activate when your vehicle is put into reverse gear (if connected to the reversing light power source). The video feed will appear on your connected display unit.

The camera features a 170-degree wide viewing angle and dynamic trajectory guidelines that adjust with your vehicle's movement, providing assistance during parking and reversing.



**Figure 6.1:** Wide Viewing Angle. This image highlights the camera's fisheye lens, which provides a 170-degree wide viewing angle to minimize blind spots.



**Figure 6.2:** Dynamic Trajectory Guidelines. This image shows the GreenYi backup camera and a simulated display with dynamic trajectory guidelines, which move according to the vehicle's steering input to assist with parking.

## **6.2. Adjusting Camera Features with Switcher Cables**

The camera includes three switcher cables that allow you to modify its functionality. To activate a change, cut the respective cable and then reconnect the camera's power supply.

# Switcher Cables to Enable More Features

## Mirror(rear) to Non-mirror(Front)



## CVBS to AHD Video Signal



## Guideline ON to Guideline OFF



**Figure 6.3:** Switcher Cable Functions. This image illustrates the purpose of the three colored switcher cables: the white cable toggles between mirror (rear view) and non-mirror (front view) images, the orange cable switches between CVBS and AHD video signals, and the green cable turns the dynamic guidelines on or off.

- **White Cable:** Cut this cable to switch from a mirror image (default, for rear view) to a non-mirror image (for front view applications).
- **Orange Cable:** Cut this cable to switch the video signal from CVBS to AHD. Use this option only if your monitor supports AHD 720P 30HZ (NTSC) video settings.
- **Green Cable:** Cut this cable to turn off the dynamic guidelines. If your head unit displays its own guidelines, you may want to disable the camera's guidelines to avoid dual display.

**Important:** After cutting any cable, you must disconnect and then reconnect the camera's power supply for the change to take effect. If needed, you can reconnect a cut cable to revert the setting.

## 7. TROUBLESHOOTING

- **Issue: Two sets of guidelines appear on the display.**  
**Solution:** Your head unit may be generating its own guidelines. To resolve this, either change the setting on your head unit to turn off its original guidelines or cut the green switcher cable on the camera to disable the camera's guidelines. Remember to reconnect power after cutting the cable.
- **Issue: Camera is not working properly or image is unstable.**

**Solution:** For some vehicle models, the power supply voltage may be outside the optimal range (too high or too low) for the camera. You may need to purchase and install an external relay filter (not included) to stabilize the power supply to the camera.

- **Issue: No image on the monitor.**

**Solution:**

- Check all power connections to ensure they are secure and receiving proper voltage (12-24V DC).
- Verify the RCA video cable is securely connected to both the camera and the monitor's video input.
- Ensure the monitor is set to the correct video input channel.
- If using the orange switcher cable, ensure your monitor supports AHD 720P 30HZ (NTSC) video. If not, revert the orange cable to its original state.

- **Issue: Image is upside down or reversed.**

**Solution:** If the image orientation is incorrect, cut the white switcher cable to toggle between mirror and non-mirror images. Reconnect power after cutting.

## 8. MAINTENANCE

- **Cleaning:** Regularly clean the camera lens with a soft, damp cloth to ensure a clear view. Avoid abrasive cleaners that could scratch the lens.
- **Connections:** Periodically check all wiring connections for corrosion or looseness. Secure any loose connections to prevent intermittent operation.
- **Environmental Protection:** The camera is IP68 waterproof, but extreme conditions can still affect its lifespan. Avoid direct high-pressure water jets on the camera.

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact GreenYi customer service directly. Keep your purchase receipt as proof of purchase.

**GreenYi Customer Service:** Please visit the official GreenYi website or your point of purchase for contact details.

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### Related Documents - B0BMLN4SWF

	<p><a href="#">GreenYi 1280*720 Wireless 4CH DVR System with IPS Screen - User Manual</a></p> <p>User manual for the GreenYi 1280*720 Wireless 4CH DVR System with IPS Screen, detailing installation, features like blind zone function, and frequently asked questions. Includes information on system setup, camera operation, and troubleshooting.</p>
	<p><a href="#">GreenYi AHD 1080P Backup Camera User Manual</a></p> <p>User manual for the GreenYi AHD 1080P Backup Camera, detailing specifications, installation, wiring, and troubleshooting.</p>



### [5G WiFi Wireless HD 720P License Plate Backup Camera User Manual](#)

Comprehensive user manual for the GreenYi 5G WiFi Wireless HD 720P License Plate Backup Camera. Learn about features, installation, app usage, troubleshooting, and specifications for enhanced vehicle safety and convenience.



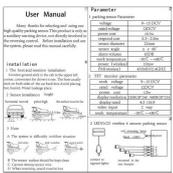
### [GreenYi Badge Flip Camera Installation Guide](#)

Comprehensive installation instructions for the GreenYi Badge Flip Camera, including wiring diagrams, preparation steps, installation procedures, and troubleshooting FAQs for various VW models.



### [GreenYi Wireless Hitch Camera: Installation and Usage Guide](#)

Comprehensive guide to installing and using the GreenYi 5G WiFi Magnetic Hitch Wireless Rear View Camera for trailers, RVs, and trucks. Features include night vision, a fisheye lens, and easy magnetic mounting.



### [GreenYi Parking Sensor User Manual](#)

User manual for GreenYi parking sensor system, detailing installation, operation, and technical specifications for vehicle safety.