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> Dngbymx Backup Camera Instruction Manual for Chevy Silverado & GMC Sierra (2016-2019), Replaces 23244435

## Dngbymx 23244435

# Dngbymx Backup Camera Instruction Manual

Model: 23244435

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Dngbymx Backup Camera. Designed as a direct replacement for part number 23244435, this camera enhances rear visibility for safer vehicle operation. Please read this manual thoroughly before installation and use.



Image: The Dngbymx backup camera unit with its integrated wiring harness and connector.

## COMPATIBILITY

This backup camera is compatible with the following vehicle models and years:

- **Chevy Silverado:** 1500, 2500 HD, 3500 HD (2016, 2017, 2018, 2019)
- **GMC Sierra:** 1500, 2500 HD, 3500 HD (2016, 2017, 2018, 2019)

**Important Note:**

- This camera is designed for models **without** an electric tailgate plug. Please verify your vehicle's configuration before purchase and installation.
- Replaces OEM Part Numbers: 23244435, 84079952, 23 244 435, V51-74-0050.

COMPATIBLE WITH:

23244435 84079952  
23244435 V51-74-0050

Chevy Silverado 1500 2500 HD 3500 HD  
2016 2017 2018 2019  
GMC Sierra 1500 2500 HD 3500 HD  
2016 2017 2018 2019

OEM QUALITY  
STANDARDS



Image: Visual representation of compatible Chevy Silverado and GMC Sierra truck models.

SPECIFICATIONS

| Feature                   | Description                                 |
|---------------------------|---------------------------------------------|
| Part Number               | 23244435, 84079952, 23 244 435, V51-74-0050 |
| Lens Type                 | Wide Angle (Fisheye design)                 |
| Real Angle of View        | 170 Degrees                                 |
| Image Quality             | HD (High Definition)                        |
| Waterproof Rating         | IP68                                        |
| Optical Sensor Technology | Infrared                                    |
| Connector Type            | Proprietary (OEM interface design)          |
| Dimensions                | 2 x 2 x 2 inches                            |
| Item Weight               | 4.2 ounces                                  |



# FEATURES

## OF OUR BACKUP CAMERAS



INFRARED  
NIGHT VISION



HD PICTURE  
QUALITY



IP68  
WATERPROOF



170° WIDE  
ANGLE VIEW

Image: Icons illustrating key features: Infrared Night Vision, HD Picture Quality, IP68 Waterproof, and 170° Wide View.

## INSTALLATION INSTRUCTIONS

The Dngbymx backup camera is designed for a plug-and-play installation. Follow these steps for proper setup:

1. **Prepare the Vehicle:** Ensure the vehicle is turned off and the parking brake is engaged. For safety, disconnect the negative terminal of the vehicle's battery.
2. **Access the Tailgate Area:** Carefully remove the necessary components (e.g., bumper trim, tailgate access panel) to gain access to the existing backup camera location and wiring harness. Refer to your vehicle's service manual for specific instructions on removing these parts.
3. **Remove the Old Camera:** Disconnect the wiring harness from the old backup camera and unmount it from its position.
4. **Mount the New Camera:** Position the Dngbymx backup camera in the designated mounting location. Secure it firmly.
5. **Connect the Wiring:** Connect the new camera's wiring harness to the vehicle's existing OEM interface. Ensure the connection is secure and fully seated.
6. **Route and Secure Wiring:** Route any excess wiring safely, ensuring it does not interfere with moving parts or get pinched. Use zip ties or clips if necessary.
7. **Reassemble Vehicle Components:** Reinstall any removed bumper trim or tailgate access panels.
8. **Reconnect Battery and Test:** Reconnect the negative terminal of the vehicle's battery. Start the vehicle and engage reverse gear to test the camera's functionality. Verify that the image appears clearly on your vehicle's display.



# EASY INSTALL



**Remove the bumper**



**Determine the mounting position and fix the camera**



**Connecting lines**

Image: Visual guide showing the three main installation steps: removing the bumper, fixing the camera, and connecting the lines.

## **EASY INSTALLTION** *Plug and play*

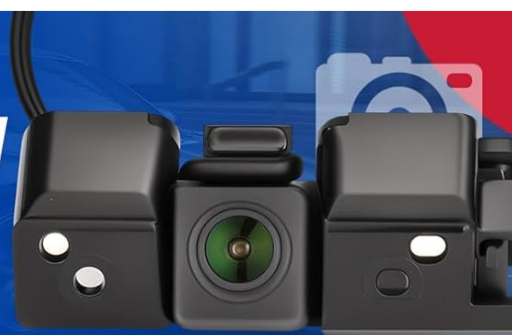


Image: Detailed view of the camera's plug-and-play connector, highlighting its design for easy installation.

## OPERATING INSTRUCTIONS

Once installed, the Dngbmx backup camera operates automatically when the vehicle is shifted into reverse gear.

- **Automatic Activation:** The camera system will activate automatically when the transmission is placed in reverse. The rear view will be displayed on your vehicle's compatible monitor.
- **Wide Angle View:** The 170-degree wide-angle lens provides an expansive view of the area behind your vehicle, reducing blind spots.
- **HD Image Quality:** The camera delivers a clear, high-definition image for improved visibility.
- **Parking Guidelines:** If your vehicle's original system supports dynamic or static parking guidelines, these will typically be displayed on the screen along with the camera feed. The presence and behavior of track lines depends on your original car's system.



Image: A visual comparison demonstrating the expanded field of view provided by the 170° wide-angle lens, showing "Before" and "After" perspectives.





Image: An in-vehicle display showing the high-definition image output from the backup camera, complete with parking assist lines.

## MAINTENANCE

To ensure optimal performance and longevity of your Dngbymx backup camera, follow these simple maintenance guidelines:

- **Keep the Lens Clean:** Regularly inspect and clean the camera lens. Use a soft, damp cloth to gently wipe away dirt, dust, snow, or debris. Avoid abrasive cleaners or materials that could scratch the lens.
- **Check Connections:** Periodically inspect the wiring connections to ensure they remain secure and free from corrosion.
- **Waterproof Design:** The camera features an IP68 waterproof rating, designed to withstand harsh weather conditions. However, avoid directing high-pressure water sprays directly at the camera for extended periods.



Image: A truck in rainy conditions, illustrating the IP68 waterproof capability of the camera, designed for durability in various environments.

## TROUBLESHOOTING

If you encounter issues with your backup camera, refer to the following common problems and solutions:

- **No Image on Display:**
  - Ensure the vehicle is in reverse gear.
  - Check all wiring connections for looseness or damage.
  - Verify that the vehicle's display system is functioning correctly.
  - Inspect vehicle fuses related to the backup camera system.
- **Fuzzy or Distorted Image:**
  - Clean the camera lens thoroughly.
  - Check for any obstructions blocking the camera's view.

- Ensure the wiring harness is not damaged or experiencing interference.
- **"Service Rear Vision System" Message:**
  - This message often indicates a communication error or fault within the camera system. Recheck all connections. If the issue persists, professional diagnosis may be required.
- **Incorrect Parking Lines:**
  - The behavior of parking lines is determined by your vehicle's original system. If lines are incorrect or absent, consult your vehicle's owner's manual or a qualified technician.

## WARRANTY AND SUPPORT

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Dngbymx is committed to providing high-quality products and customer satisfaction. If you have any questions or concerns regarding your backup camera, please contact us directly.

Our customer service team is available to assist you with any inquiries before or after your purchase. We aim to provide a satisfactory resolution promptly.

For support, please refer to the contact information provided with your purchase or visit the official Dngbymx Auto Parts store on Amazon.

