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Autogem 606265306536

Autogem Chevy LED Hitch Cover User Manual

Model: 606265306536

1. Introduction

This manual provides instructions for the installation, operation, and maintenance of your Autogem Chevy LED Hitch Cover. This product is designed to fit both 1-1/4" and 2" receiver tubes, featuring an officially licensed Chevrolet bowtie emblem that illuminates with your vehicle's running lights and brightens upon brake application. It also serves to protect your receiver from dirt and debris.



Figure 1: Autogem Chevy LED Hitch Cover installed on a truck, highlighting its official GM licensed status.

2. Safety Information

- Ensure your vehicle's ignition is off before beginning installation.
- Do not modify the product or its wiring. Unauthorized modifications may void the warranty and could lead to malfunction.
- Keep wiring away from hot engine parts or sharp edges to prevent damage.
- Verify all connections are secure before driving.

3. Package Contents

Please check the package for the following items:

- 1 x Autogem Chevy LED Hitch Cover with integrated wiring harness
- Mounting brackets for 1-1/4" receiver tubes

- Mounting brackets for 2" receiver tubes
- Necessary hardware (pins, clips)

4. Product Overview

The Autogem Chevy LED Hitch Cover features a durable metal and ABS plastic construction designed to withstand various weather conditions. The integrated LED Chevrolet bowtie emblem provides dual-function lighting:

- **Running Light Mode:** The emblem illuminates with a steady glow when your vehicle's running lights are active.
- **Brake Light Mode:** The emblem brightens significantly when the brake pedal is pressed, enhancing visibility.

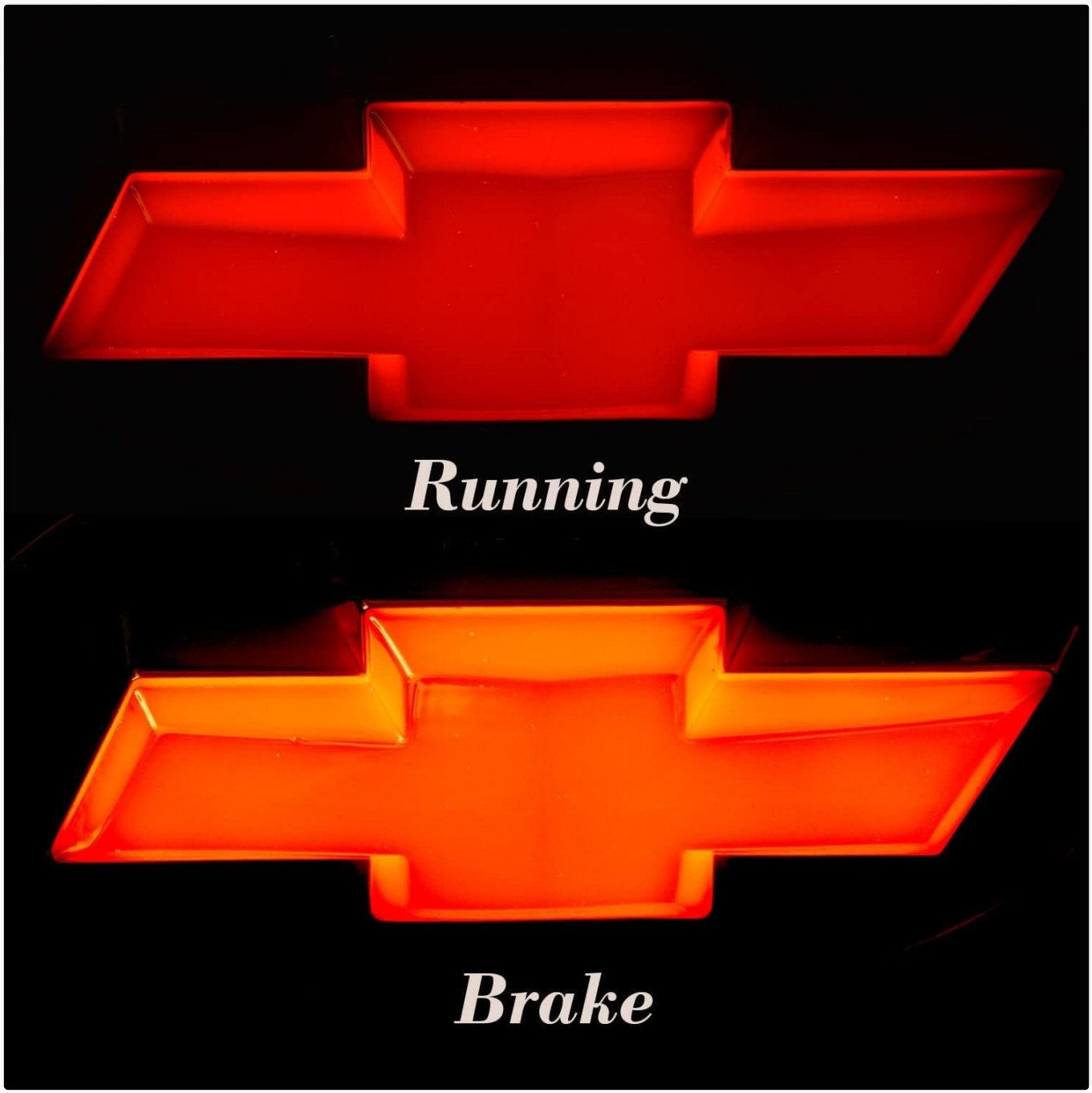


Figure 2: LED illumination in running light (top) and brake light (bottom) modes.

5. Installation

Installation is designed to be plug-and-play, requiring no special tools.

1. **Select Correct Mounting Bracket:** Identify your vehicle's receiver tube size (1-1/4" or 2"). Attach the corresponding mounting bracket to the hitch cover using the provided hardware. Ensure it is securely fastened.



Figure 3: Mounting brackets for 2-inch and 1-1/4-inch receiver tubes.

2. **Insert into Receiver:** Slide the hitch cover assembly into your vehicle's trailer hitch receiver. Align the pinholes.
3. **Secure with Pin:** Insert the hitch pin through the aligned holes and secure it with the retaining clip. Ensure the hitch cover is firmly in place and does not wobble.
4. **Connect Wiring:** Locate your vehicle's 4-pole flat trailer connector. This is typically found near the hitch receiver. Plug the hitch cover's wiring harness directly into this connector. Ensure a snug fit.

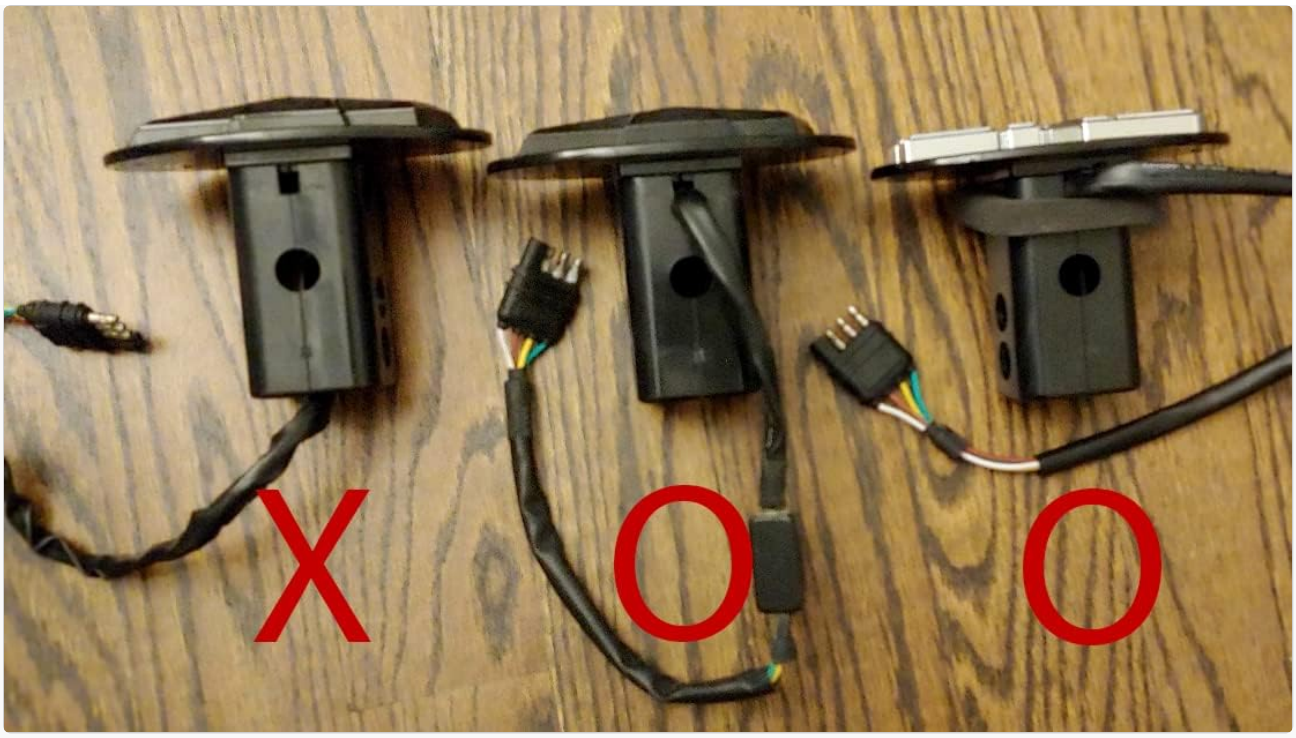


Figure 4: Example of a compatible 4-pole flat trailer connector.

5. **Wire Length Consideration:** The integrated wire length is 19 inches. For some vehicles, an extension (not included) may be required to reach the electrical connector. Route the wire safely, away from moving parts or heat sources.



Figure 5: Wire length and note regarding potential extension requirement.

6. **Test Functionality:** Turn on your vehicle's running lights and check if the hitch cover illuminates. Then, press the brake pedal to confirm the emblem brightens.

6. Operating Instructions

Once installed and connected, the Autogem Chevy LED Hitch Cover operates automatically with your vehicle's lighting system:

- The Chevrolet emblem will light up when your vehicle's headlights or parking lights are on.
- The emblem will increase in brightness when the brake pedal is pressed.

7. Maintenance

- **Cleaning:** Clean the hitch cover periodically with a soft cloth and mild soap and water. Avoid abrasive cleaners or solvents that could damage the finish or LED components.
- **Inspection:** Regularly check the wiring for any signs of wear, fraying, or damage. Ensure the connection to the vehicle's trailer connector remains secure.

- **Receiver Protection:** The hitch cover helps protect your receiver from dirt and debris. Ensure it is properly seated to maintain this protection.

8. Troubleshooting

- **LED Does Not Light Up:**
  - Check if your vehicle's running lights are on.
  - Ensure the 4-pole flat connector is fully seated and making good contact.
  - Inspect the vehicle's trailer light fuse. Refer to your vehicle's owner's manual for fuse box location and fuse identification.
  - Check for any visible damage to the hitch cover's wiring.
- **LED Stays Bright (Brake Mode) Constantly:**
  - This may indicate an issue with your vehicle's trailer wiring or brake light circuit. Consult a qualified automotive technician.
- **Hitch Cover Feels Loose:**
  - Ensure the hitch pin and clip are correctly installed and fully secured.
  - Verify the correct mounting bracket for your receiver size is used and properly attached to the hitch cover.

9. Specifications

Model Number	606265306536
Brand	Autogem
Compatibility	1-1/4" and 2" receiver tubes (Chevrolet Silverado, Tahoe, Suburban, Colorado, Blazer, etc.)
Material	Metal, ABS Plastic
Finish	Black
Lighting	LED Chevrolet Bowtie Logo (Running/Brake Activation)
Wire Length	19 inches
Installation	Plug and Play via 4-pole flat trailer connector
Dimensions (D x W x H)	4.5" x 6" x 3"
Weight	0.33 kg

10. Warranty and Support

For warranty information and customer support, please refer to the product packaging or contact Autogem directly through their official website or authorized retailers. Keep your proof of purchase for warranty claims.

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