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Xprite 52013-8-WY

Xprite 52013-8-WY White Amber LED Hideaway Strobe Lights Kit Instruction Manual

Model: 52013-8-WY | Brand: Xprite

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Xprite White Amber LED Hideaway Strobe Lights Kit. Designed for emergency and hazard vehicles, this kit enhances visibility and safety with its high-output LEDs and versatile flashing patterns. Please read this manual thoroughly before installation and use.

What's in the Box

Verify that all components are present before beginning installation.

- 8 x Hideaway Strobe Lights
- 1 x Control Box
- 1 x Power Module
- Wiring Harnesses



Figure 1: Kit Contents. The image displays the 8 LED lightheads, control box, power module, and associated wiring harnesses.

Setup and Installation

Professional installation is recommended for optimal performance and safety. This kit is designed for universal fit in emergency hazard vehicles with a 12V power source.

1. **Preparation:** Ensure the vehicle's power is off. Identify suitable mounting locations for the hideaway strobe lights within headlights, taillights, fog lights, or other light assemblies.
2. **Drilling:** A 1-inch (2.54 cm) hole is required for each hideaway strobe light. Carefully drill the holes in the chosen locations.
3. **Mounting Lights:** Insert each hideaway strobe light into its drilled hole. Secure the lights in place according to the manufacturer's instructions, ensuring a snug fit to prevent moisture ingress.
4. **Wiring:** Connect the wiring from each strobe light to the control box and power module. Ensure all connections are secure and properly insulated. Route wiring safely away from moving parts and heat sources.
5. **Control Box Placement:** Mount the control panel in an accessible location within the vehicle's cabin, allowing the operator to easily switch between patterns and power the unit on/off.
6. **Power Connection:** Connect the power module to a 12V power source in the vehicle.



Figure 2: Drilling for Installation. This image illustrates the required 1-inch hole drilling for mounting the hideaway strobe lights.

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Video 1: Xprite 8 Series White & Amber LED Hideaway Strobe Lights Kit Installation and Pattern Demonstration. This video demonstrates the installation process and showcases the various flash patterns available with the control panel.

Operating Instructions

The control panel allows for easy selection of 20 different flashing patterns and directional modes.



Figure 3: Control Box Features. The control box includes buttons for pattern selection, directional sweeps, static light mode, and power.

- **Power On/Off:** Use the 'POWER' button to turn the strobe lights system on or off.
- **Pattern Selection:** Press the 'PATTERN' button to cycle through the 20 available flashing patterns. The 'PATTERN DISPLAY' LEDs will indicate the currently selected pattern.
- **Directional Patterns:** Use the 'QUICK-SELECT DIRECTIONAL BUTTONS' (left and right arrows) to activate directional sweep patterns.
- **Static Light:** Press the 'SOLID' button to switch the lights to a steady-on, non-flashing mode.
- **Memory Recall:** The system features a memory recall function, which will power on the lights to the last selected pattern.

Maintenance

To ensure the longevity and optimal performance of your Xprite LED Hideaway Strobe Lights, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the light lenses with a soft cloth and mild soap solution to remove dirt and debris. Avoid abrasive cleaners that could scratch the polycarbonate lens.
- **Wiring Inspection:** Periodically inspect all wiring and connections for signs of wear, corrosion, or damage. Ensure all connections

remain secure.

- **Waterproof Integrity:** While the lights feature a weatherproof design, ensure that the mounting points remain sealed to prevent water intrusion into the vehicle's light assemblies.



Figure 4: Weatherproof Design. The encapsulated electronics are designed to resist moisture and vibration.

Troubleshooting

If you encounter issues with your strobe light kit, refer to the following common troubleshooting steps:

- **Lights Not Turning On:**
  - Check the power connection to ensure it is secure and receiving 12V.
  - Verify the control box is properly connected to the power module and lights.
  - Inspect the fuse in the power circuit.
- **Incorrect Flashing Pattern:**
  - Ensure the 'PATTERN' button on the control box is functioning correctly.

- Cycle through patterns to confirm functionality.

- **Individual Light Failure:**
  - Check the wiring connection for the specific light.
  - If a single light is faulty, it may need replacement. (Note: Replacement Amber LED Light Bulbs are sold separately, ASIN: B00PODZ3F0).

- **Interference:**
  - Ensure all wiring is properly shielded and routed away from sensitive electronic components to prevent electromagnetic interference.

Specifications

Brand	Xprite
Model Number	52013-8-WY
Color	White Amber
Light Source Type	LED
Voltage	12 Volts
Wattage	5.04 watts
Special Feature	Waterproof
Lens Material	Polycarbonate
Vehicle Service Type	ATV, Pickup, Snowmobile, Truck, UTV
Number of LEDs per Lighthead	4 High Output LEDs
Flash Patterns	20



Figure 5: High Brightness LED. Each light features 4 high-output LEDs for enhanced visibility.

Warranty and Support

Warranty: This product comes with a 1-Year Manufacturer Warranty. Please retain your proof of purchase for warranty claims.
Support: For technical assistance, troubleshooting, or warranty inquiries, please contact Xprite customer support through their official website or the retailer where the product was purchased. Refer to the product packaging or Xprite's official channels for the most current contact information.

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