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› SERBNOPG RC Car Spotlight Kit for Tamiya FH16XL 750 4X2 56375 (Model caoxv) - Instruction Manual

SERBNOPG caoxv

SERBNOPG RC Car Spotlight Kit Instruction Manual

Model: caoxv

INTRODUCTION

Thank you for choosing the SERBNOPG RC Car Spotlight Kit. This manual provides essential information for the proper installation, operation, and maintenance of your new RC car accessory. Please read these instructions carefully before use to ensure optimal performance and longevity of the product.

This spotlight kit is designed as an upgrade accessory for 1/14 scale RC trucks, specifically compatible with models such as the Tamiya FH16XL 750 4X2 56375.

PRODUCT OVERVIEW

The SERBNOPG RC Car Spotlight Kit includes a pair of side skirt lights designed to enhance the visual appeal and functionality of your RC truck, especially in low-light conditions. These lights are constructed from durable composite materials for reliable performance.



Image: A pair of SERBNOPG RC Car Spotlight strips, featuring integrated wiring for connection.

Key Features:

- **Durable Construction:** Made from reliable composite materials for extended use.
- **Enhanced Visibility:** Improves the appearance of your RC vehicle and provides illumination in dark environments.
- **Easy Installation:** Designed for straightforward replacement of existing parts.
- **Optimized Design:** Contributes to the overall performance and aesthetic of your model car.

SETUP AND INSTALLATION

This section guides you through the process of installing the spotlight kit onto your RC truck. Ensure your RC vehicle is powered off before beginning installation.

Tools Required (Not Included):

- Small Phillips head screwdriver
- Wire cutters/strippers (if custom wiring is needed)
- Heat shrink tubing or electrical tape (for secure connections)

Installation Steps:

1. **Prepare Your RC Truck:** Carefully remove any existing side skirt components or lighting units from

your Tamiya FH16XL 750 4X2 56375 that are to be replaced by this kit. Refer to your RC truck's original manual for specific disassembly instructions.

2. **Position the Spotlight Strips:** Place the new SERBNOPG spotlight strips along the side skirt area of your RC truck. The strips are designed to fit the contours of compatible models.



Image: Top view of the light strips, highlighting mounting points and voltage indicators.

3. **Secure the Lights:** Use appropriate screws (not included, typically from your RC truck's original hardware or suitable replacements) to secure the spotlight strips to the chassis or side skirt mounting points. Ensure they are firmly attached but do not overtighten.



Image: Detail of a mounting point on the light strip, showing the metal ring for secure attachment.

4. **Connect Wiring:** The spotlight kit operates on 5V. Connect the wires from the spotlight strips to a suitable 5V power source on your RC truck. This typically involves connecting to an available port on your receiver or a dedicated lighting control unit. Pay close attention to polarity (+ and -). If your RC truck does not have a direct 5V output, a voltage regulator may be required (not included).
5. **Test Functionality:** Once all connections are secure, power on your RC truck and test the lights. Ensure both spotlight strips illuminate correctly.
6. **Cable Management:** Neatly route and secure all wiring to prevent interference with moving parts and to maintain a clean appearance. Use cable ties or clips as needed.

OPERATING INSTRUCTIONS

The SERBNOPG RC Car Spotlight Kit operates in conjunction with your RC truck's power system. Once properly installed and connected to a 5V power source, the lights will activate when power is supplied to the connected circuit.



Image: The spotlight strips illuminated, showcasing the light output.

- **Activation:** The lights will turn on automatically when the connected power source (e.g., RC truck's main power or a dedicated light switch) is activated.
- **Deactivation:** The lights will turn off when the connected power source is deactivated.

Note: If your RC truck's lighting system includes a separate switch or controller, refer to your truck's manual for specific operation of auxiliary lighting.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your spotlight kit.

- **Cleaning:** Gently wipe the light strips with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals or abrasive materials.
- **Inspection:** Periodically check the wiring for any signs of wear, fraying, or loose connections. Ensure the mounting screws remain tight.
- **Storage:** If removing the lights for storage, keep them in a clean, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power supply. Incorrect wiring (polarity). Loose connection. Damaged light strip.	Ensure RC truck is powered on and the connected circuit is active. Verify wiring connections, ensuring correct positive (+) and negative (-) polarity. Check all connections for tightness. Inspect the light strip for visible damage. If damaged, replacement may be necessary.
Lights are dim or flicker.	Insufficient voltage. Loose connection. Faulty wiring.	Confirm the power source provides a stable 5V. If not, a voltage regulator might be needed. Check all connections for tightness. Inspect wiring for damage or poor insulation.
Only one light strip works.	Wiring issue to the non-functional strip. Damaged light strip.	Check wiring and connections for the non-functional strip. Swap the non-functional strip with the working one (if possible) to isolate the issue. If the problem follows the strip, it may be damaged.

If you continue to experience issues after following these troubleshooting steps, please contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	caoxv
Brand	SERBNOPG
Compatibility	Tamiya FH16XL 750 4X2 56375 1/14 RC Truck and similar models
Quantity	1 Pair (2 pieces)
Color	Black (strip), Warm White (light)
Material	Composite material
Operating Voltage	5V
Item Weight	300 Grams (total for pair)

WARRANTY AND SUPPORT

SERBNOPG is committed to providing quality products. If you encounter any issues or have questions regarding your RC Car Spotlight Kit, please do not hesitate to contact our customer support team.

For assistance, please refer to the contact information provided by your retailer or visit the official SERBNOPG website.

Note: Warranty terms and conditions may vary based on region and retailer. Please retain your proof of purchase for warranty claims.

