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› SERBNOPG Metal Upgrade Kit Instruction Manual for Wltoys SCY 16101-16201 RC Cars

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SERBNOPG Metal Upgrade Kit Instruction Manual

For Wltoys SCY 16101, 16102, 16103, 16104, 16106, 16201 RC 1/16 Remote Control Cars

1. INTRODUCTION

This manual provides instructions for the installation and maintenance of the SERBNOPG Metal Upgrade Kit. This kit is designed to enhance the durability and performance of compatible Wltoys SCY 1/16 scale remote control cars by replacing original plastic components with high-strength metal parts.

Compatible Models: Wltoys SCY 16101, 16102, 16103, 16104, 16106, 16201, and C8805 RC 1/16 Remote Control Cars.

2. PACKAGE CONTENTS

Verify that all components listed below are present in your kit. The kit includes a comprehensive set of metal parts designed for direct replacement of original components.

- Front Swing Arms (Upper and Lower)
- Rear Swing Arms (Upper and Lower)
- Steering Cups
- Rear Wheel Seats
- Assorted Screws and Fasteners

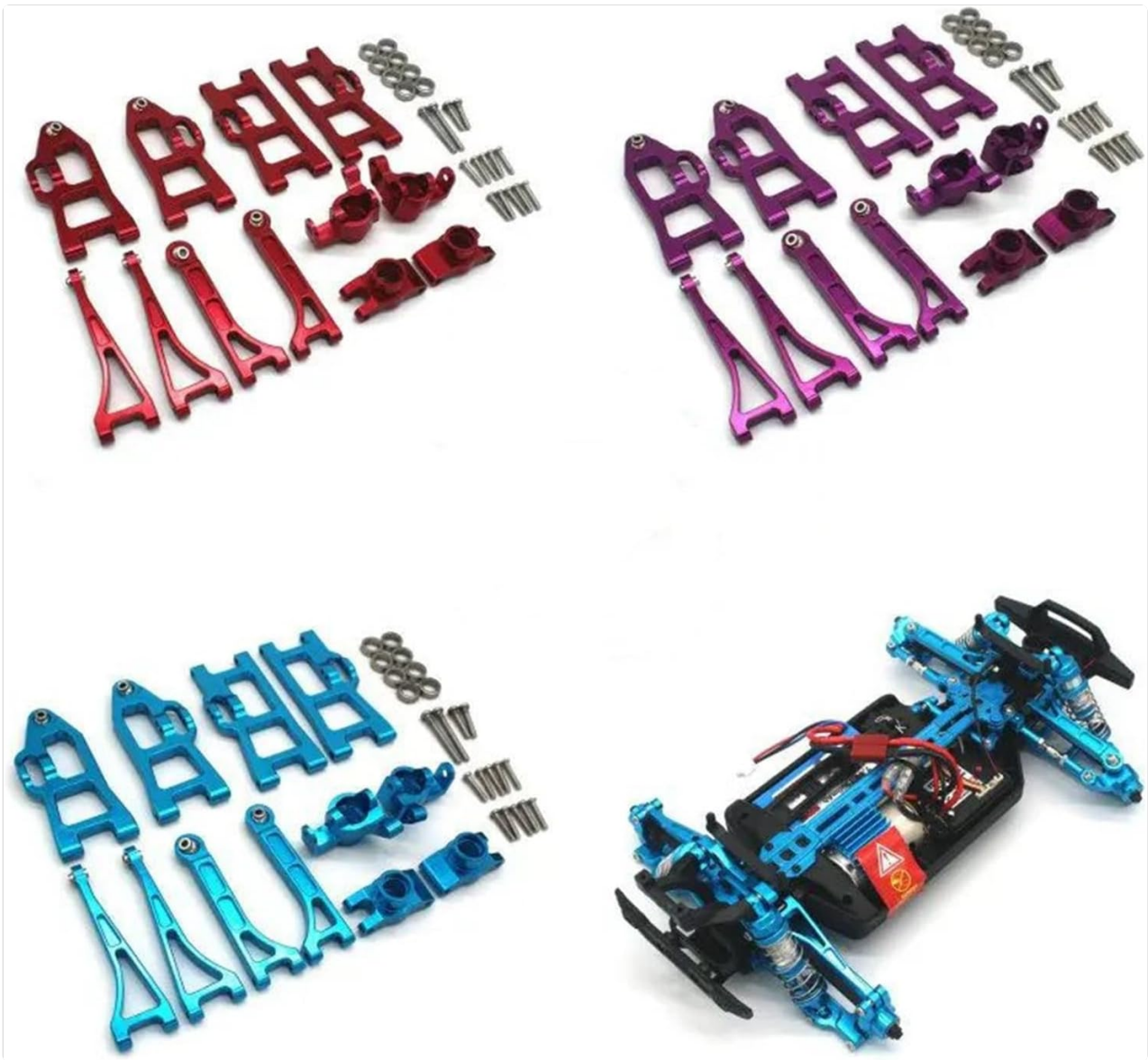


Image 1: Various color options of the metal upgrade kit components and an example of the kit installed on an RC car chassis.

3. INSTALLATION GUIDE

The SERBNOPG Metal Upgrade Kit is designed for direct replacement of existing parts. Follow these general steps for installation. It is recommended to refer to your RC car's original manual for specific disassembly and assembly procedures if needed.

3.1. Preparation

- Ensure your RC car is powered off and the battery is disconnected.
- Gather necessary tools, such as small screwdrivers and pliers.
- Work on a clean, well-lit surface to prevent loss of small parts.

3.2. Replacing Swing Arms and Steering Cups (Front)

1. Carefully remove the front wheels and any associated body panels to access the suspension components.
2. Unscrew and detach the original plastic front swing arms (upper and lower) and steering cups. Note the orientation and placement of all screws and pins.
3. Install the new metal front swing arms and steering cups, ensuring all pivot points and linkages are correctly aligned.

4. Secure the new components using the provided screws or the original fasteners if compatible and in good condition. Do not overtighten.

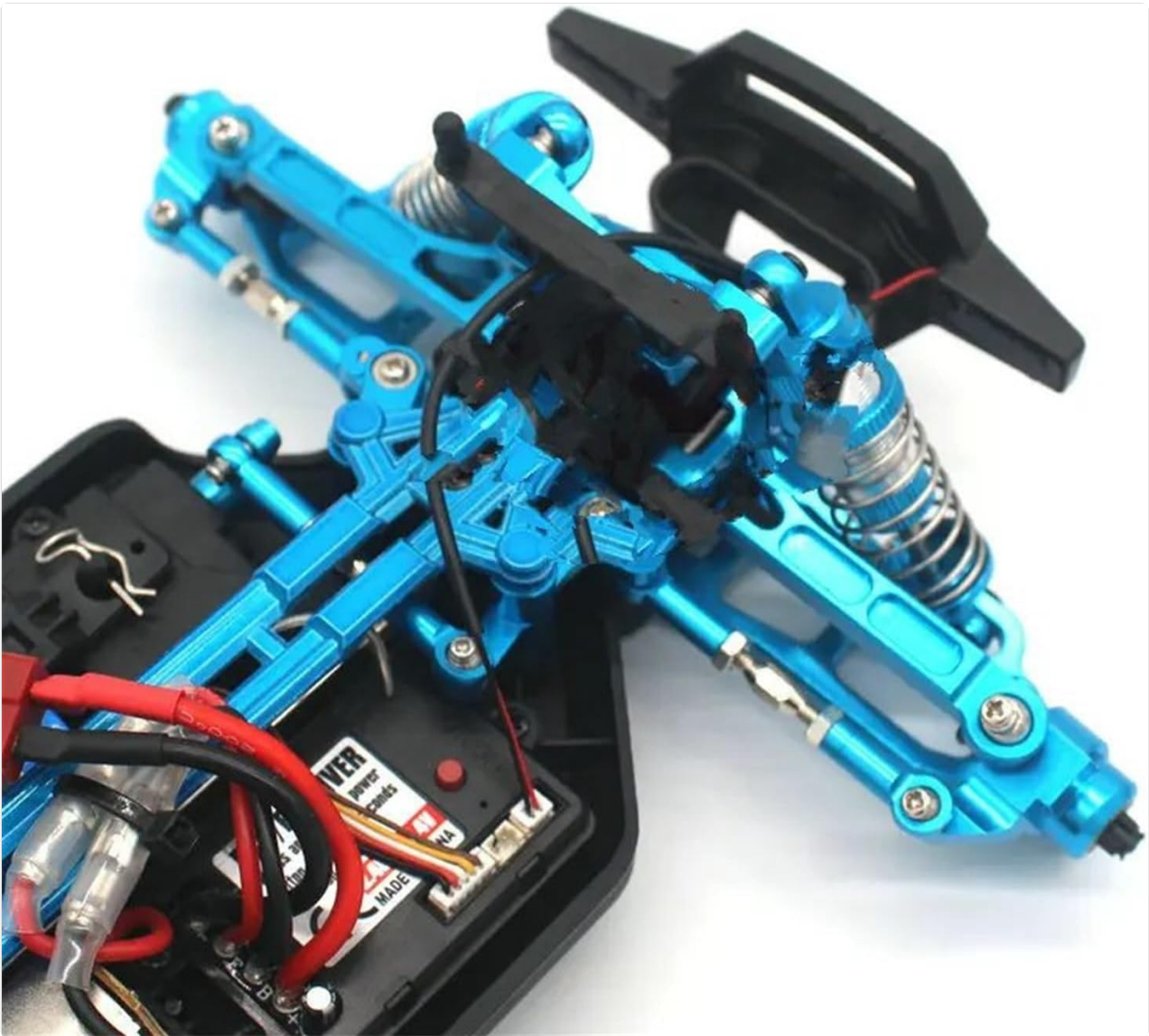


Image 2: Detailed view of the installed metal front suspension, including swing arms and steering cup.

3.3. Replacing Swing Arms and Rear Wheel Seats (Rear)

1. Access the rear suspension by removing wheels and body panels as necessary.
2. Detach the original plastic rear swing arms (upper and lower) and rear wheel seats. Keep track of all small parts.
3. Mount the new metal rear swing arms and rear wheel seats, ensuring proper alignment with the chassis and drive shafts.
4. Fasten the new components securely. Verify that all moving parts can articulate freely without binding.

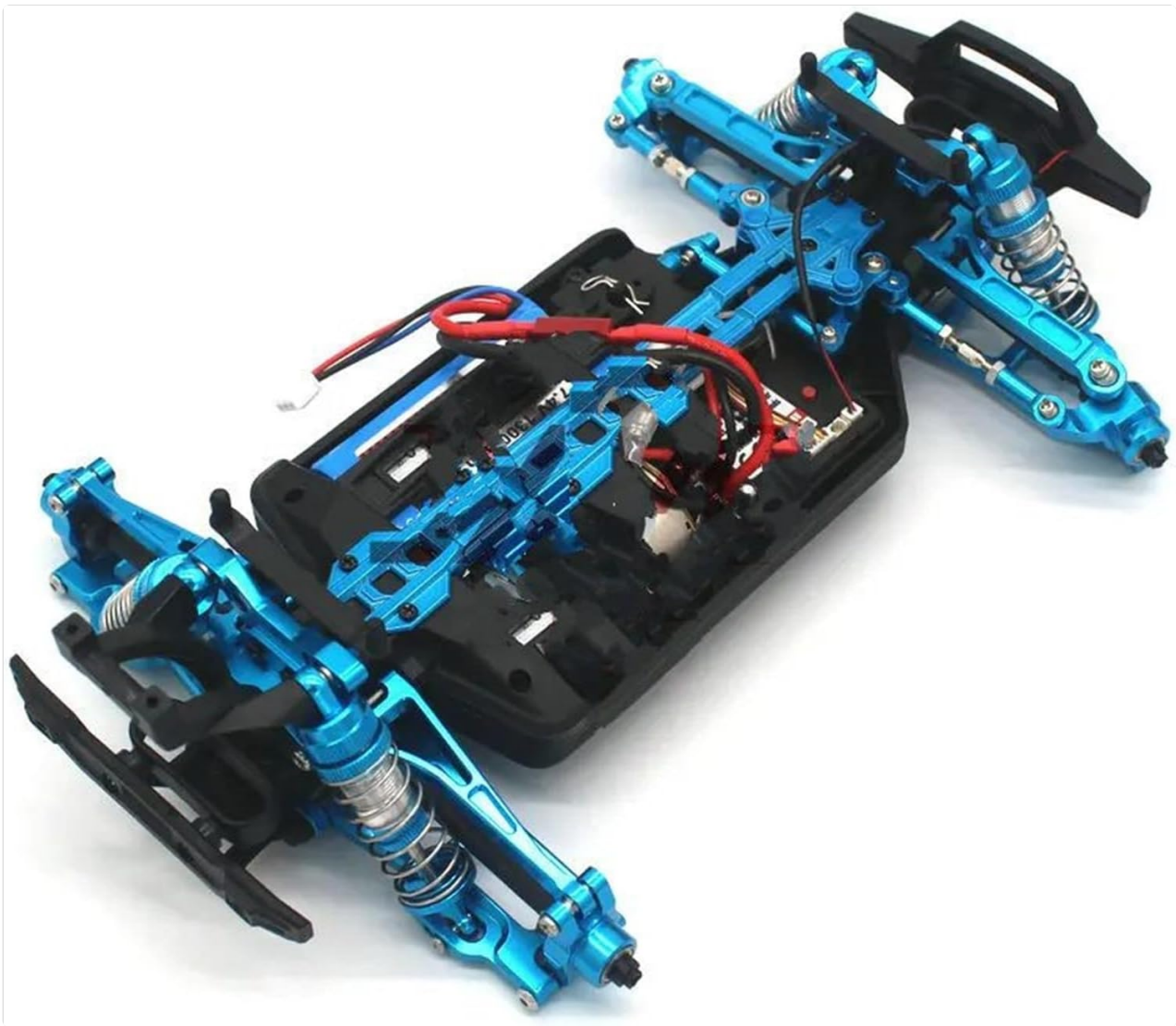


Image 3: Overview of the RC car chassis with the complete metal upgrade kit installed.

3.4. Final Checks

- Once all new parts are installed, gently move the suspension components to ensure smooth operation and no binding.
- Double-check all screws and fasteners to ensure they are tight but not overtightened.
- Reattach wheels and body panels.

4. MAINTENANCE

To ensure the longevity and optimal performance of your metal upgrade parts, regular maintenance is recommended:

- **Cleaning:** After each use, especially in dirty or dusty conditions, clean the metal components to remove dirt, debris, and moisture. Use a soft brush or compressed air.
- **Inspection:** Periodically inspect all metal parts for signs of wear, bending, or damage. Check screws for tightness.
- **Lubrication:** While not always necessary for these specific parts, if any pivot points or moving joints show signs of friction, a small amount of RC-safe lubricant can be applied. Avoid over-lubrication, which can attract dirt.
- **Storage:** Store your RC car in a clean, dry environment to prevent corrosion of metal parts.

5. TROUBLESHOOTING

If you encounter issues after installing the upgrade kit, consider the following:

- **Binding or Stiff Movement:** Ensure all screws are not overtightened. Check for any misaligned parts or debris obstructing movement.
- **Loose Components:** Re-check all fasteners. If a screw repeatedly loosens, consider using a thread-locking compound (blue Loctite, for example) specifically designed for small metal screws.
- **Unusual Noises:** Investigate the source of the noise. It could indicate friction, a loose part, or incorrect assembly.
- **Part Does Not Fit:** Double-check the compatibility of the kit with your specific RC car model. Ensure you are using the correct part for the correct location (e.g., front vs. rear, upper vs. lower).

6. SPECIFICATIONS

Material	Metal
Compatible RC Car Models	Wltoys SCY 16101, 16102, 16103, 16104, 16106, 16201, C8805 (1/16 scale)
Available Colors	Red, Blue, Purple (color of specific kit may vary)
Item Weight	5.3 ounces (approx. 150 grams)
Package Dimensions	1.18 x 0.79 x 0.39 inches (approx. 3 x 2 x 1 cm)

7. CUSTOMER SUPPORT

Your satisfaction is important to us. If you have any questions regarding the installation, performance, or compatibility of your SERBNOPG Metal Upgrade Kit, please do not hesitate to contact our customer support. We are committed to assisting you with any concerns you may have. For support, please refer to the contact information provided by your retailer or on the product packaging.