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> [weelye](#) /

> [weelye 24V 390 Steering Gearbox with Motor Instruction Manual](#)

## weelye 24V 390 Steering Gearbox

# weelye 24V 390 Steering Gearbox with Motor Instruction Manual

Model: 24V 390 Steering Gearbox

## INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your weelye 24V 390 Steering Gearbox with Motor. Please read these instructions carefully before use to ensure safe and efficient performance.

## SAFETY INFORMATION

Always prioritize safety during installation and operation. This product is designed for specific children's ride-on toys. Ensure adult supervision when children are using toys equipped with this part.

- Verify the voltage of your car matches the 24V requirement of this motor.
- Ensure the purchased part has the same appearance and specifications as the original component being replaced.
- This motor is intended for steering (left and right direction) only and is not suitable for rear wheel drive applications due to its slow speed.
- Keep small parts away from children to prevent choking hazards.

## PACKAGE CONTENTS

The package should contain the following items:

- 1 x weelye 24V 390 Steering Gearbox with Motor



Image: The weelye 24V 390 Steering Gearbox with Motor, showing its overall appearance.

## SETUP AND INSTALLATION

Follow these steps for proper installation of the steering gearbox:

1. **Unpack the Gearbox:** Carefully remove the steering gearbox from its packaging. Inspect for any visible damage.
2. **Verify Compatibility:** Before installation, ensure the purchased part's appearance and specifications match the original component you are replacing in your children's ride-on toy. This is crucial for proper fit and function.
3. **Check Vehicle Voltage:** Confirm that your ride-on car's electrical system operates at 24 volts. This motor is specifically designed for 24V systems. You can often find the model number and voltage information directly on the original motor.
4. **Install the Gearbox:** Integrate the new gearbox into the designated steering mechanism of the children's ride-on toy. Refer to the specific toy's instruction manual for detailed steps on accessing and replacing steering components.

5. **Connect the Motor:** Securely connect the motor's wiring to the toy's electrical system. Ensure connections are firm and correctly polarized. This motor is designed for the left and right steering function under the steering wheel. It is not suitable for driving the rear wheels.
6. **Test Functionality:** After installation, perform a functional test to ensure the steering operates smoothly and correctly.

## 24V390 Steering Gearbox



Image: Top-down view of the gearbox, illustrating key dimensions for compatibility checks. Note the 1.4 cm shaft diameter and overall dimensions.



Image: Bottom view of the gearbox, showing the integrated 390 motor and mounting points.



Image: Angled view of the gearbox, highlighting the electrical connections for the motor.

## OPERATING INSTRUCTIONS

Once installed, the steering gearbox operates as part of the ride-on toy's steering system.

- Ensure all connections are secure before operating the toy.
- The motor facilitates the left and right turning of the steering mechanism.
- Always supervise children during operation of the ride-on toy.

## MAINTENANCE

Regular maintenance helps prolong the life of the steering gearbox.

- **Inspection:** Periodically inspect the gearbox and motor for any signs of wear, damage, or loose connections.
- **Cleaning:** Keep the gearbox free from dirt, dust, and debris. Use a dry cloth to wipe down the exterior. Avoid using harsh chemicals or excessive moisture.
- **Lubrication:** The internal gears are typically pre-lubricated. Do not attempt to open the gearbox for lubrication unless specifically instructed by a qualified technician.
- **Storage:** If the ride-on toy is stored for an extended period, ensure it is kept in a dry, cool place away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

If you encounter issues with the steering gearbox, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Steering not responding or weak	Loose wiring connection; Incorrect voltage; Damaged motor/gearbox	Check all electrical connections; Verify car battery voltage; Inspect motor/gearbox for damage and replace if necessary.
Unusual noises from gearbox	Debris in gears; Worn gears; Improper installation	Inspect for foreign objects; If noises persist, the gearbox may need replacement. Ensure correct installation.
Motor overheating	Excessive load; Prolonged use; Internal fault	Reduce load on the steering system; Allow the toy to cool down; If problem persists, motor may be faulty and require replacement.

If troubleshooting steps do not resolve the issue, contact customer support or a qualified technician.

## SPECIFICATIONS

Feature	Detail
Model	RS390 24V Steering Gearbox
Voltage	24 Volts
Motor Type	390 Motor
Product Dimensions	5.6 x 3.1 x 4.3 inches (14.2 x 7.9 x 10.9 cm)
Item Weight	7.1 ounces (201 grams)
Recommended Age	0 - 8 years (for compatible ride-on toys)

Feature	Detail
Application	Specific children riding steering toys accessories (steering function only)

## WARRANTY INFORMATION

This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. The warranty period typically begins from the date of purchase. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage resulting from:

- Improper installation or use.
- Unauthorized modifications or repairs.
- Accidental damage, misuse, or neglect.
- Operating the product outside its specified voltage or application.

For specific warranty terms and conditions, please refer to the documentation provided with your original ride-on toy or contact the manufacturer of the toy.

## SUPPORT AND CONTACT

If you have any questions regarding the installation, operation, or maintenance of your weelye 24V 390 Steering Gearbox with Motor, please contact your retailer or the manufacturer of your ride-on toy.

For general inquiries about weelye products, you may visit the official weelye store on Amazon:

[weelye Official Store](#)