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wheelfun TH00472-AMZUS2-S

Instruction Manual

WHEELFUN HENGLONG 1/16 SCALE RC TANK PLASTIC ROAD WHEELS

Model: TH00472-AMZUS2-S

Brand: wheelfun

INTRODUCTION

This manual provides instructions for the installation, maintenance, and general use of the wheelfun Henglong 1/16 Scale RC Tank Plastic Road Wheels. These accessories are designed as replacement or upgrade parts for various Henglong 1/16 scale RC tanks, including models ZTZ 99, 3899, 99A, and 3899A. Please read this manual thoroughly before proceeding with installation to ensure proper function and longevity of your RC tank components.

PRODUCT OVERVIEW AND COMPONENTS

The wheelfun Henglong 1/16 Scale RC Tank Plastic Road Wheels set includes multiple road wheels and associated suspension arms, designed for direct replacement on compatible Henglong RC tank models. The wheels are constructed from durable plastic.



Figure 1: A complete set of wheelfun Henglong 1/16 Scale RC Tank Plastic Road Wheels, showing both black and green-hubbed wheels, along with the associated black suspension arms.

Package Contents:

- Plastic Road Wheels (various colors/hubs as per specific set)
- Plastic Suspension Arms

Setup and Installation

This section details the steps required to install the new plastic road wheels onto your Henglong 1/16 scale RC tank. Basic hobby tools such as a small screwdriver or pliers may be required.

Tools Recommended:

- Small Phillips head screwdriver
- Small flathead screwdriver (for prying if needed)
- Pliers (optional, for gripping small parts)

Installation Steps:

1. **Prepare the Tank:** Ensure your RC tank is powered off and disconnected from any power source. Place it on a stable, clean surface.
2. **Identify Wheels:** Observe the existing road wheels and their attachment points on your tank. Note the orientation and position of each wheel.
3. **Remove Old Wheels:** Carefully detach the existing road wheels. This typically involves unscrewing a small screw or prying a retaining pin that holds the wheel to its suspension arm, or the arm to the chassis. Refer to your specific tank model's manual for detailed removal instructions if necessary.
4. **Attach New Suspension Arms (if applicable):** If replacing the suspension arms, align the new plastic suspension arms with the mounting points on the tank chassis. Secure them using the appropriate screws or pins. Ensure they can pivot freely.
5. **Install New Road Wheels:** Take a new plastic road wheel. Align it with the corresponding suspension arm. The wheel typically slides onto an axle or is secured by a screw through its center. Ensure the wheel spins freely once

attached.



Figure 2: A single plastic road wheel, demonstrating the typical construction with a central hub and outer tire section.

6. **Repeat for All Wheels:** Continue this process for all road wheels on both sides of the tank.
7. **Final Check:** Once all wheels are installed, gently rotate each wheel by hand to ensure it moves smoothly without obstruction. Verify that all screws or pins are securely fastened.

Operating Considerations

These plastic road wheels are designed to provide reliable performance for your Henglong 1/16 scale RC tank. Proper installation ensures the tank's track system operates smoothly, allowing for effective movement and maneuverability. The wheels support the tank's weight and guide the tracks, which is crucial for realistic operation on various terrains.
After installation, test the tank's movement at low speeds to confirm that all new wheels are functioning correctly and that the tracks are engaging properly. Listen for any unusual noises or observe any binding in the track system.

Maintenance

Regular maintenance of your RC tank's road wheels will extend their lifespan and ensure optimal performance.

- **Cleaning:** After use, especially in dusty or muddy conditions, clean the road wheels and surrounding track area. Use a soft brush or compressed air to remove dirt, debris, and small stones that can accumulate between the wheels and tracks. A damp cloth can be used for stubborn grime, ensuring no water enters sensitive electronic components.
- **Inspection:** Periodically inspect the wheels for signs of wear, cracks, or damage. Check that they spin freely and are securely attached to their suspension arms. Ensure the suspension arms themselves are not bent or broken.
- **Lubrication:** These plastic wheels typically do not require lubrication. Avoid applying oil or grease to the wheel surfaces or axles unless specifically recommended by the tank manufacturer, as this can attract dirt.
- **Storage:** Store your RC tank and its components in a clean, dry environment away from direct sunlight and extreme temperatures.

Troubleshooting

Below are common issues related to road wheels and their potential solutions.

Problem	Possible Cause	Solution
Wheel does not spin freely.	Debris caught in axle, overtightened screw, or misaligned installation.	Clean around the axle. Loosen the retaining screw slightly if overtightened. Re-install the wheel ensuring proper alignment.
Wheel falls off during operation.	Loose retaining screw/pin, or damaged mounting point.	Tighten the retaining screw/pin. If the mounting point is damaged, replacement of the suspension arm or chassis part may be necessary.
Unusual noise from track area.	Debris, worn wheel, or track misalignment.	Clean the track and wheel area. Inspect wheels for damage. Check track tension and alignment according to your tank's manual.

Specifications

Feature	Detail
Brand	wheelfun
Model Number	TH00472-AMZUS2-S
Compatible Scale	1/16 Scale
Compatible RC Tanks	Henglong ZTZ 99, 3899, 99A, 3899A
Material	Plastic
Product Dimensions	21.34 x 14.22 x 11.18 cm (packaging/overall set)
Item Weight	99.79 g (overall set)
Recommended Age	21 years and up

Warranty and Support

For warranty information or technical support regarding your wheelfun Henglong 1/16 Scale RC Tank Plastic Road Wheels, please contact the seller or manufacturer directly. Specific warranty terms may vary depending on the point of purchase.
You can visit the official wheelfun Store on Amazon for more information or to contact their support channels.

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