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› Tamiya 51023 Med-Narrow Racing Radial Tires Instruction Manual

TAMIYA 51023

Tamiya 51023 Med-Narrow Racing Radial Tires Instruction Manual

Model: 51023 (TAMC1113)

1. INTRODUCTION

This manual provides essential information for the proper installation, use, and maintenance of your Tamiya 51023 Med-Narrow Racing Radial Tires. These tires are designed for remote-controlled (RC) vehicles, offering specific performance characteristics for racing applications. Please read these instructions carefully to ensure optimal performance and longevity of your product.

2. PRODUCT OVERVIEW

The Tamiya 51023 Med-Narrow Racing Radial Tires are high-quality replacement or upgrade parts for compatible RC chassis, such as the TA-06. They are engineered to provide balanced grip and handling for various racing surfaces. Each package contains two tires, complete with internal foam inserts for structural support.



This image displays the Tamiya 51023 Med-Narrow Racing Radial Tires. The tires feature a specific tread pattern designed for racing applications, and their medium-narrow profile is visible. They are typically sold in sets for remote-controlled vehicles.

Key Features:

- Designed as a tuning part for the TA-06 chassis.
- Each package contains 2 items.
- Features a 24.5 mm width.
- Includes internal foam inserts for consistent performance.

3. SETUP AND INSTALLATION

Proper installation is crucial for the performance of your racing radial tires. Follow these steps for mounting:

1. **Prepare Wheels:** Ensure your RC wheels are clean and free from debris. These tires are designed for medium-narrow wheels.
2. **Insert Foam:** Place the included foam insert inside each tire. The foam provides internal support and helps maintain the tire's shape and performance under load.
3. **Mount Tire to Wheel:** Carefully stretch the tire over the wheel rim. Start by fitting one bead of the tire onto the wheel, then work the second bead over the rim. Ensure the tire is seated evenly and correctly on the wheel.
4. **Secure (if applicable):** If your wheels require gluing, apply a small amount of tire glue to the bead of the tire where it meets the wheel rim. Allow sufficient time for the glue to cure according to the adhesive manufacturer's instructions.

5. **Install on Vehicle:** Mount the assembled wheel and tire onto your RC vehicle's axles, ensuring all fasteners are tightened securely but not overtightened.

Always verify that the tires spin freely and are properly aligned before operating your vehicle.

4. OPERATING GUIDELINES

These racing radial tires are designed for specific performance characteristics. Consider the following when operating your RC vehicle:

- **Surface Compatibility:** Racing radial tires are typically optimized for paved or hard-packed surfaces. Performance may vary on loose dirt, gravel, or extremely abrasive surfaces.
- **Temperature:** Tire grip can be affected by ambient temperature. Optimal performance is usually achieved within a moderate temperature range.
- **Driving Style:** Aggressive driving, such as hard cornering and braking, will increase tire wear. Adjust your driving style to match track conditions and tire capabilities.
- **Tire Rotation:** To promote even wear, consider rotating your tires periodically, especially if you notice uneven wear patterns between front and rear or left and right tires.

5. MAINTENANCE

Regular maintenance will extend the life and performance of your Tamiya racing radial tires:

- **Cleaning:** After each use, clean the tires to remove dirt, dust, and debris. A soft brush and mild soap with water can be used. Ensure tires are completely dry before storage.
- **Inspection:** Periodically inspect tires for signs of wear, cuts, cracks, or punctures. Pay attention to the tread depth and sidewall integrity. Replace tires that show significant damage or wear to maintain performance and safety.
- **Storage:** Store tires in a cool, dry place away from direct sunlight and extreme temperatures. UV exposure and heat can degrade rubber compounds over time. Avoid storing tires under heavy objects that could deform them.
- **Foam Inserts:** Check the condition of the internal foam inserts. If they become compressed, torn, or degraded, they may need replacement to restore tire performance.

6. TROUBLESHOOTING

If you encounter issues with your tires, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Poor Grip / Lack of Traction	Worn tread, unsuitable surface, incorrect tire compound for conditions, dirty tires.	Inspect tread wear and replace if necessary. Ensure tires are clean. Verify surface compatibility. Consider alternative tire compounds if available for specific track conditions.
Uneven Tire Wear	Improper vehicle alignment, suspension issues, aggressive driving style, unbalanced wheels.	Check and adjust vehicle's suspension and alignment settings. Modify driving style. Ensure wheels are properly balanced and mounted. Rotate tires.
Tire Deforms or Wobbles	Damaged wheel, improperly seated tire, degraded foam insert, tire damage.	Inspect wheel for damage. Re-seat tire on the wheel. Check foam insert for damage or compression and replace if needed. Inspect tire for structural damage.

7. SPECIFICATIONS

Specification	Detail
Product Model Number	51023 (TAMC1113)
Product Dimensions	1.25 x 3.25 x 5.5 inches (packaging)
Item Weight	1.41 ounces
Tire Width	24.5 mm
Box Contents	2 tires with foam inserts
Manufacturer Recommended Age	14 years and up
Brand	TAMIYA
Manufacturer	Hobbico (as listed by retailer)

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Tamiya 51023 Med-Narrow Racing Radial Tires, please refer to the official Tamiya website or contact your authorized Tamiya retailer. Keep your proof of purchase for any warranty claims. Specific warranty terms and conditions may vary by region and retailer.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question