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Traxxas 7378

Traxxas 7378 1.9 Goodyear Wrangler Tires on Wheels 1/16 On-Road Instruction Manual

Model: 7378

1. INTRODUCTION

This manual provides essential information for the proper use, installation, and maintenance of your Traxxas 7378 1.9 Goodyear Wrangler Tires on Wheels. These pre-mounted tire and wheel sets are designed for 1/16 scale on-road remote control vehicles, offering a specific performance characteristic suitable for various driving styles.

The Traxxas 7378 set includes 1.9-inch Goodyear Wrangler replica tires mounted on 6-spoke wheels. These components are manufactured from high-quality materials to ensure lasting performance and compatibility with Traxxas 1/16 On-Road vehicles.





Figure 1: Traxxas 7378 1.9 Goodyear Wrangler Tires on Wheels, shown in original packaging.

2. SETUP AND INSTALLATION

The Traxxas 7378 tires and wheels come pre-assembled and glued, ready for direct installation onto compatible 1/16 scale on-road RC vehicles.

2.1 Compatibility

These wheels are designed for RC vehicles utilizing a 12mm hex hub. Consult your vehicle's user manual to confirm compatibility with 1.9-inch rim width and 12mm pitch circle diameter.

2.2 Installation Steps

- 1. Vehicle Preparation:** Ensure your RC vehicle is powered off and securely placed on a stable surface.
- 2. Remove Existing Wheels:** Carefully remove the wheel nuts from your vehicle's axles using an appropriate wrench. Detach the existing wheels.
- 3. Inspect Axles:** Check the axle hex hubs for any debris or damage. Clean if necessary.
- 4. Mount New Wheels:** Align the hex opening on the back of the Traxxas 7378 wheel with the hex hub on the vehicle's axle. Slide the wheel onto the axle.

5. **Secure Wheels:** Reinstall the wheel nuts onto the axles. Tighten them securely, but avoid over-tightening, which can damage the hex or bearings.
6. **Final Check:** Gently spin each wheel to ensure it rotates freely without binding. Verify all wheel nuts are tight before operation.



Figure 2: Close-up view of the Traxxas 7378 1.9 Goodyear Wrangler Tires on Wheels, highlighting the tire tread and wheel design.

3. OPERATING CHARACTERISTICS

The Traxxas 7378 Goodyear Wrangler tires feature a hard compound rubber, which influences their performance on various surfaces.

- **Surface Suitability:** These tires are primarily designed for on-road use on asphalt and concrete surfaces.
- **Traction:** Due to their hard compound, these tires offer a lower amount of grip compared to softer compounds. This characteristic can result in increased sliding and power-sliding capabilities, which may be desirable for certain driving styles, such as drifting.
- **Vehicle Weight:** Lighter RC vehicles may experience even less traction with these tires.
- **Driving Style:** Users seeking high-grip performance for racing may find these tires less suitable. They are well-suited for recreational driving where controlled sliding and drifting are enjoyed.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Traxxas tires and wheels.

- **Cleaning:** After each use, especially on dusty or dirty surfaces, clean the tires and wheels. Use a soft brush or cloth to remove loose dirt. For stubborn grime, a damp cloth with mild soap and water can be used. Avoid harsh chemicals or solvents, as these can damage the rubber and wheel material.
- **Inspection:** Periodically inspect the tires for signs of wear, cuts, or punctures. Check the wheel for cracks, bends, or damage to the hex hub area. Ensure the tire remains securely glued to the wheel.
- **Storage:** Store tires and wheels in a cool, dry place away from direct sunlight and extreme temperatures. Prolonged exposure to UV light can degrade rubber compounds.

- **Replacement:** Replace tires and wheels when significant wear or damage is observed to maintain vehicle performance and safety. Use genuine Traxxas replacement parts for best results.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Low Traction	Hard tire compound; unsuitable surface (e.g., loose dirt); cold temperatures.	These tires are designed for lower grip on asphalt/concrete. For higher traction, consider softer compound tires. Ensure operating on intended surfaces.
Wheel Wobble	Improperly tightened wheel nut; bent axle; damaged wheel hex; unbalanced tire/wheel.	Check wheel nut tightness. Inspect axle for bends. Examine wheel hex for damage. If wheel/tire is visibly warped, replace it.
Tire Separating from Wheel	Adhesive failure due to impact, age, or extreme conditions.	Re-glue the tire to the wheel using appropriate RC tire adhesive, or replace the tire/wheel assembly.

6. SPECIFICATIONS

- **Model Number:** 7378
- **Brand:** Traxxas
- **Tire Type:** Goodyear Wrangler replica
- **Rim Width:** 1.9 Inches
- **Wheel Size:** 16 Inches (overall diameter, not rim diameter)
- **Hex Hub Compatibility:** 12 Millimeters Pitch Circle Diameter
- **Vehicle Service Type:** RC Vehicle (1/16 On-Road)
- **Material:** As Pictured (Rubber tires, plastic wheels)
- **Color:** Black or Dark Grey (wheels), Yellow lettering (tires)
- **Item Weight:** Approximately 5.9 ounces (0.37 Pounds) per set
- **UPC:** 020334737809

7. WARRANTY AND SUPPORT

Traxxas products are manufactured to high standards. For specific warranty information and terms, please refer to the documentation included with your original RC vehicle or visit the official Traxxas website. For technical support, replacement parts, or further assistance, please contact Traxxas customer service directly. Contact information can typically be found on the Traxxas website or in your vehicle's main instruction manual.

Online Resources: Visit the official Traxxas website for product updates, FAQs, and support resources.