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› [TAMIYA 1/10 Toyota GAZOO WRT/GR Yaris Rally1 TT-02 RC Car Kit Instruction Manual](#)

TAMIYA 58716

TAMIYA 1/10 Toyota GAZOO WRT/GR Yaris Rally1 TT-02 RC Car Kit Instruction Manual

Model: 58716

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the assembly, operation, and maintenance of your TAMIYA 1/10 Toyota GAZOO WRT/GR Yaris Rally1 TT-02 RC Car Kit. The kit features a highly adaptable shaft-driven 4WD TT-02 chassis, designed for stability and ease of assembly. The body accurately replicates the Toyota GAZOO Racing WRT/GR Yaris Rally1, which achieved Manufacturer's and Driver's Championships in 2022. This model is suitable for both off-road and flat dirt surfaces, offering various setup options for optimal drive balance.



Image: Fully assembled TAMIYA 1/10 Toyota GAZOO WRT/GR Yaris Rally1 TT-02 RC Car Kit.

2. KEY FEATURES

- Shaft-driven 4WD TT-02 Chassis with longitudinal layout for excellent stability.
- Lightweight, durable polycarbonate body with separate front light cases and plastic parts for side mirrors, rear wing, side ducts, and caps.
- Easy-to-maintain gearboxes.
- Highly adaptable chassis with 2 different wheelbases, 2 ground clearance settings, 2 tread set-ups, and 10 possible gear ratios.
- Brake disc-shaped wheel hubs and stylish front bumper supports.
- Includes 39T differential gears for front and rear, with an optional 40T gear for drive balance adjustments.
- Four-wheel independent double wishbone suspension.
- Aluminum cylinder long oil dampers.
- Full ball bearings for smooth operation.
- Dark gun metal multi-spoke wheels paired with racing radial tires.
- Includes Urethane Bumper for crash protection.
- Comes with stickers and window masking tape for painting.
- Includes 540 Torque Tuned motor and ESC.

3. COMPONENTS OVERVIEW

The kit includes various parts trees, tires, chassis components, and accessories necessary for assembly. Below is an overview of key components:



全長=416 mm 写真はキットを組み立て、塗装したものです

Image: Packaging box of the TAMIYA 1/10 Toyota GAZOO WRT/GR Yaris Rally1 TT-02 RC Car Kit.

3.1. Chassis and Body Parts

- **Polycarbonate Body:** Lightweight and durable, designed to replicate the Toyota GAZOO WRT/GR Yaris Rally1.
- **TT-02 Tub Chassis:** The main chassis component, providing the structural base for the vehicle.
- **Chassis Cover:** A clear cover designed to protect internal electronics and gears from dust and debris.
- **A Parts Tree:** Includes components such as wheel wells, diff covers, suspension mounts, wheel nuts, and servo mounts.

- **B Parts Tree:** Contains parts like body posts, front bumper, and rear skid plate.
- **T Parts Tree:** Includes damper stays, spur gear holder, and servo horns.

3.2. Wheels and Tires

- **Rally Block Tires:** Designed for versatile performance on various surfaces.
- **Tire Foams:** Inserts for the tires to maintain shape and performance.
- **Rally Wheels:** Multi-spoke wheels in dark gun metal color.

3.3. Hardware and Accessories

- **RC Parts Bag A:** Contains bearings, diff oil, damper oil, shims, rod ends, screws, and aluminum servo mounts.
- **RC Parts Bag B:** Includes aluminum motor mount, bearings, drive shafts, propeller cups, pinion gear, and motor plate.
- **RC Parts Bag C:** Contains rod ends, padding tape, screws, axles, bearings, and pins.
- **RC Parts Bag E:** Includes foam tape, double-sided tape, rod ends, zip ties, servo saver, bearings, and screws.
- **Tools:** Box wrench and Tamiya grease.
- **Electronics:** 540 Torque Tuned motor and ESC. (Note: Receiver, transponder, and steering servo are not included and must be purchased separately.)
- **Decals and Masking Tape:** For body finishing.
- **Instruction Manual:** Detailed assembly guide.

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Video: Unboxing of a similar rally car kit, demonstrating various components included in the box.

4. ASSEMBLY INSTRUCTIONS

The TAMIYA 1/10 Toyota GAZOO WRT/GR Yaris Rally1 TT-02 RC Car Kit is a ready-to-assemble model. Follow the detailed step-by-step instructions provided in the included manual for proper assembly. Ensure all parts are correctly installed to guarantee optimal performance and durability.

4.1. Chassis Assembly

- Begin by assembling the TT-02 tub chassis, ensuring all screws are tightened securely.
- Install the easy-to-maintain gearboxes, paying attention to the differential gear options for desired drive balance.
- Attach the four-wheel independent double wishbone suspension components, including the aluminum cylinder long oil dampers.
- Mount the 540 Torque Tuned motor and ESC.

4.2. Body Preparation and Mounting

- Carefully cut and paint the polycarbonate body according to your preference, using the provided window masking tape.
- Apply the included decals for realistic detailing.
- Attach separate plastic parts for side mirrors, rear wing, side ducts, and caps.
- Mount the finished body onto the chassis using the body posts and secure with the chassis cover.



Image: Assembled TAMIYA 1/10 Toyota GAZOO WRT/GR Yaris Rally1 TT-02 RC Car Kit.

5. OPERATING INSTRUCTIONS

After successful assembly, ensure all necessary electronics (receiver, transponder, steering servo) are installed and properly connected. Always perform a pre-run check to ensure all components are functioning correctly.

5.1. Transmitter Usage

- Familiarize yourself with the functions of your remote control transmitter.
- Adjust steering and throttle trims for straight running and desired response.
- Utilize the speed regulation settings (high, medium, low) to match your skill level and driving environment.

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Video: Demonstration on how to use a typical RC car transmitter.

5.2. Driving Tips

- Start with low speed settings to get accustomed to the car's handling.
- Practice steering and throttle control in an open area.
- The shaft-driven 4WD system provides excellent traction; experiment with different differential gear setups to fine-tune drive balance for various surfaces.

Your browser does not support the video tag.

Video: Outdoor control demonstration of a rally car, showcasing its handling.

6. MAINTENANCE

Regular maintenance is crucial for the longevity and performance of your RC car. After each use, inspect the car for any damage or loose parts.

- **Cleaning:** Remove dirt and debris from the chassis, wheels, and suspension components.
- **Lubrication:** Apply Tamiya grease to moving parts as specified in the manual.
- **Inspection:** Check for worn tires, damaged suspension arms, or loose screws. Replace any damaged parts promptly.
- **Battery Care:** Always use Tamiya battery packs with an output of 7.2V and below. Store batteries in a cool, dry place.

7. TROUBLESHOOTING

If you encounter any issues, refer to the troubleshooting section in the full instruction manual. Common issues may include:

- **Loss of Control:** Check battery levels in both the car and transmitter. Ensure proper binding between transmitter and receiver.
- **Reduced Performance:** Inspect for dirt in moving parts, worn gears, or damaged components.
- **Unusual Noises:** Could indicate loose parts, damaged gears, or issues with the motor.

8. SPECIFICATIONS

Specification	Detail
Brand	TAMIYA
Model Number	58716
Product Dimensions	16.38 x 7.48 x 5.75 inches
Item Weight	1 pounds
Chassis Type	TT-02 Shaft-driven 4WD
Overall Length	368mm
Overall Width	180mm
Wheelbase	257mm (Tamiya Standard)
Motor	540 Torque Tuned (included)
ESC	Included
Recommended Age	14 months - 3 years (Note: Product packaging states not suitable for children under 14 years of age.)

9. IMPORTANT SAFETY INFORMATION

- This model is not suitable for children under 14 years of age. Adult supervision is strongly suggested during assembly and operation.
- Always use Tamiya battery packs with an output of 7.2V and below for safety.
- The model is not snowproof or waterproof. Avoid operating in wet conditions.
- Specifications are subject to change without notice.
- Surface discolorations on the model do not affect performance.

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official TAMIYA website or contact your local TAMIYA distributor. Keep your purchase receipt as proof of purchase.