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TAMIYA TAM58632

Tamiya Team Hahn Racing MAN TGS TT-01 Type E 1/10 On-Road Kit User Manual

Model: TAM58632 | Brand: TAMIYA

INTRODUCTION

This manual provides essential information for the assembly, operation, and maintenance of your Tamiya Team Hahn Racing MAN TGS TT-01 Type E 1/10 On-Road Kit. This R/C model assembly kit faithfully recreates the Team Hahn Racing MAN TGS truck, a prominent vehicle in the European truck racing circuit. It features a realistic two-piece polycarbonate body with separately molded plastic parts for mirrors, coupler, and rear bumper. The kit is built upon the proven TT-01 Type-E chassis, which includes dedicated wheels and tires for this model.

The TT-01 Type-E chassis is designed with a low center of gravity, placing the motor and battery close to the ground for optimal balance. It incorporates a fiberglass-reinforced nylon upper deck and gear covers for improved rigidity, and a one-piece tie rod for smoother steering. The 4-wheel double wishbone suspension system and front and rear differential gears all come together to produce excellent operating ability. The model is equipped with 70mm-diameter radial tires paired with metal-plated wheels, designed specifically for this kit, featuring high sidewalls for forgiving turns.

WHAT'S IN THE BOX

- Tamiya 58632 Team Hahn Racing Man TGS TT01 Type E 1/10 On-Road Kit
- Tamiya TBLE-02S ESC (Electronic Speed Control)
- Marking stickers for the #3 Team Hahn Racing truck livery (2016 season)
- Assembly instructions

SETUP AND ASSEMBLY

This product is an assembly kit and requires additional components and tools for completion and operation. Please ensure you have the following items before beginning assembly:

- Battery pack (suitable for RC vehicles)
- Battery charger
- Steering servo

- 2-channel Radio system (transmitter and receiver)
- Polycarbonate paint (for body shell)
- Basic modeling tools (e.g., hobby knife, screwdrivers, pliers, scissors)

Follow the detailed assembly instructions provided in the kit. Pay close attention to the steps for chassis construction, motor installation, ESC wiring, and body shell preparation and painting. The TBLE-02S ESC included is capable of running sensor brushless motors (up to 21.5 turn limit) and brushed motors (up to 23 turn limit).



Figure 1: Front-side view of the assembled Tamiya Team Hahn Racing MAN TGS TT-01 Type E RC truck kit, showcasing the detailed body and sponsor livery.

OPERATING INSTRUCTIONS

Once assembled and all necessary components are installed, ensure your battery is fully charged and properly connected. Turn on your transmitter first, then the receiver/ESC on the vehicle. Always perform a range check before operating the model at a distance.

Driving Tips:

- **Steering:** The TT-01 Type-E chassis features a one-piece tie rod for smooth steering action. Practice gentle steering inputs to maintain control, especially at higher speeds.
- **Acceleration/Braking:** The TBLE-02S ESC provides proportional control for both forward and reverse. Apply throttle smoothly to avoid wheelspin and maintain traction.
- **Surface:** This 1/10 On-Road Kit is designed for smooth, paved surfaces. Avoid operating on rough terrain, loose gravel, or wet conditions to prevent damage.
- **LED Lights:** The model is compatible with separately-sold Tamiya LED light units. Refer to the light unit's instructions for installation and operation.



Figure 2: Rear-side view of the Tamiya Team Hahn Racing MAN TGS TT-01 Type E RC truck kit, highlighting the chassis layout and rear wheel assembly.

MAINTENANCE

Regular maintenance is crucial for the longevity and performance of your RC model. After each use, inspect the vehicle for any loose screws, damaged parts, or debris.

Key Maintenance Points:

- **Cleaning:** Use a soft brush or compressed air to remove dirt and dust from the chassis, motor, and gears. Avoid using water directly on electronic components.
- **Gear Inspection:** Check the spur gear and pinion gear for wear or damage. Ensure proper gear mesh.
- **Bearings/Bushings:** Lubricate moving parts as recommended in the assembly manual. Consider upgrading to ball bearings for improved efficiency and reduced wear.
- **Suspension:** Inspect the double wishbone suspension components for any cracks or bends. Ensure the shocks operate smoothly.
- **Tires:** Check tires for wear and tear. The 70mm-diameter radial tires are designed for durability, but replacement may be necessary over time.



Figure 3: Close-up view of the front wheel and fender, showing the detailed wheel design and tire profile.



Figure 4: Close-up view of the rear wheel and fender, illustrating the design of the rear section and wheel attachment.

Problem	Possible Cause	Solution
Vehicle does not respond to controls.	Low battery in vehicle or transmitter; loose wiring; ESC not calibrated.	Charge batteries; check all connections; recalibrate ESC according to its manual.
Motor runs but wheels do not turn.	Stripped spur gear or pinion gear; loose driveshaft.	Inspect and replace damaged gears; ensure driveshaft is securely connected.
Poor steering response.	Loose servo horn; damaged steering linkage; servo malfunction.	Tighten servo horn screw; inspect and replace steering parts; test or replace servo.
Vehicle runs slowly or intermittently.	Low battery; motor overheating; debris in drivetrain.	Recharge battery; allow motor to cool; clean drivetrain components.

SPECIFICATIONS

Model Number: TAM58632

Product Dimensions: 9 x 19.13 x 8.75 inches

Item Weight: 4.6 pounds

Chassis Type: TT-01 Type-E (Shaft-driven 4WD)

ESC: Tamiya TBLE-02S (Brushless/Brushed compatible)

Recommended Age: 16 years and up

Release Date: January 1, 2018

Manufacturer: Tamiya

WARRANTY AND SUPPORT

For specific warranty information and technical support, please refer to the documentation included with your product or visit the official Tamiya website. Tamiya products are known for their quality and extensive spare parts availability, ensuring long-term enjoyment of your RC model.

Official Tamiya Website: www.tamiya.com