

TAMIYA 19433

Tamiya Tridagger X Premium Super II Chassis Mini 4WD Model 19433 User Manual

Model No. 19433

1. INTRODUCTION

Thank you for purchasing the Tamiya Tridagger X Premium Mini 4WD model kit. This kit allows you to assemble a high-performance, self-propelled racing car based on the Super II Chassis. This manual provides essential information for the assembly, setup, operation, and maintenance of your model. Please read these instructions carefully before beginning assembly to ensure proper construction and safe use.

2. SAFETY INFORMATION

- **Adult Supervision:** This product contains small parts and is recommended for ages 8 and up. Adult supervision is advised during assembly and operation, especially for younger users.
- **Small Parts:** Keep small parts out of reach of young children to prevent choking hazards.
- **Sharp Edges:** Exercise caution during assembly as some parts may have sharp edges. Use appropriate tools safely.
- **Battery Safety:** This model requires batteries (sold separately). Always follow battery manufacturer's instructions for installation, use, and disposal. Do not mix old and new batteries, or different types of batteries. Remove batteries when the model is not in use for extended periods.
- **Ventilation:** If using paints or adhesives (not included), ensure adequate ventilation.

3. PACKAGE CONTENTS

Your Tamiya Tridagger X Premium kit typically includes the following components:

- Super II Chassis parts
- Tridagger X Premium body parts
- Motor
- Gear set

- Axles and wheels
- Tires
- Screws, nuts, and other metal parts
- Sticker sheet
- Instruction manual (diagrammatic)

Note: Batteries are not included and must be purchased separately.

4. ASSEMBLY INSTRUCTIONS

Assembly of the Tamiya Tridagger X Premium requires careful attention to detail. Please refer to the detailed diagrammatic instructions included in your kit for step-by-step guidance. The general assembly process involves:

1. **Chassis Assembly:** Begin by assembling the Super II Chassis components, including the battery holder and motor mounts.
2. **Motor and Gear Installation:** Install the motor and the appropriate gear ratios as indicated in the kit instructions. Ensure gears mesh smoothly.
3. **Axle and Wheel Attachment:** Securely attach the axles, wheels, and tires to the chassis. Ensure wheels spin freely.
4. **Body Preparation:** Cut out and trim the Tridagger X Premium body parts. You may choose to paint the body before applying stickers for a customized finish.
5. **Body Attachment:** Mount the prepared body onto the chassis using the designated clips or screws.
6. **Sticker Application:** Apply the included stickers to the body according to the reference images for the final aesthetic.



Figure 1: Fully assembled Tamiya Tridagger X Premium Mini 4WD car. The model features a black body with red flame decals, red wheels, and a red chassis. The total length of the model is 150 mm. This photo illustrates the kit after assembly and painting.

5. SETUP

5.1 Battery Installation

This model requires two AA batteries (1.5V each) for operation. Follow these steps to install the batteries:

1. Locate the battery compartment on the underside of the Super II Chassis.
2. Open the battery compartment cover.
3. Insert two fresh AA batteries, ensuring the correct polarity (+ and -) as indicated inside the compartment.
4. Close the battery compartment cover securely.

Always use new, high-quality alkaline or rechargeable AA batteries for optimal performance.

6. OPERATING INSTRUCTIONS

The Tamiya Tridagger X Premium is a self-propelled Mini 4WD racing car designed for track use. It does not feature remote control functionality.

1. **Power On:** Locate the power switch on the chassis (usually a sliding switch). Slide it to the 'ON' position. The motor will start, and the wheels will begin to spin.
2. **Placement:** Carefully place the Mini 4WD car onto a flat surface or a designated Mini 4WD racing track.
3. **Operation:** The car will propel itself forward. On a track, it will follow the track's guide rails.
4. **Power Off:** To stop the car, slide the power switch to the 'OFF' position.

For best performance, ensure the track surface is clean and free of obstructions.

7. MAINTENANCE

Regular maintenance will help ensure the longevity and performance of your Mini 4WD car.

- **Cleaning:** After use, gently clean the chassis, wheels, and gears to remove dust, dirt, and debris. A soft brush or compressed air can be effective.
- **Gear Inspection:** Periodically check the gears for wear or damage. Replace worn gears to maintain optimal speed and efficiency.
- **Lubrication:** Apply a small amount of Tamiya-recommended grease or lubricant to the gear shafts and moving parts to reduce friction.
- **Battery Removal:** Always remove batteries from the model when storing it for extended periods to prevent leakage and damage.
- **Storage:** Store the model in a cool, dry place away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

If your Mini 4WD car is not performing as expected, consider the following:

- **Car Not Moving:**
 - Check if the power switch is in the 'ON' position.
 - Ensure batteries are correctly installed with proper polarity.
 - Replace old or depleted batteries with fresh ones.
 - Verify that the motor is securely connected and functioning.
 - Check for any obstructions preventing the wheels or gears from turning.
- **Slow Speed:**

- Batteries may be low; replace them.
 - Gears may be dirty or worn; clean or replace them and apply lubricant.
 - Wheels or axles may have excessive friction; ensure they spin freely.
 - Motor may be worn; consider replacing it.
- **Parts Falling Off:**
 - Ensure all screws are tightened appropriately (do not overtighten).
 - Check for damaged or broken parts that may need replacement.

9. SPECIFICATIONS

Feature	Specification
Model Name	Tridagger X Premium
Model Number	19433
Brand	TAMIYA
Series	Fully Cooled Mini 4WD Series No.33
Chassis Type	Super II Chassis
Scale	1:32 Scale
Operation Mode	Manual (Self-propelled)
Assembly Required	Yes
Batteries Required	Yes (2x AA, not included)
Material Type	Resin
Item Weight	0.16 Kilograms
Item Dimensions (L x W x H)	1.57 x 9.06 x 5.51 inches
Educational Objective	Develop practical skills and understanding of mechanics

10. WARRANTY AND SUPPORT

Tamiya products are manufactured to high-quality standards. Due to the nature of model kits, specific warranties may vary. For any questions regarding missing parts, manufacturing defects, or technical support, please contact Tamiya customer service directly through their official website or authorized distributors in your region. Please retain your proof of purchase.

Tamiya Official Website: www.tamiya.com