

TAMIYA 19451

Tamiya Gun Blaster XTO Premium Mini 4WD (Model 19451) Instruction Manual

Brand: TAMIYA | Model: 19451-000

INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Tamiya Gun Blaster XTO Premium Mini 4WD kit. The Gun Blaster XTO Premium is a high-performance plastic model assembly kit featuring a shaft-drive four-wheel drive system and an FM-A chassis. It is inspired by the vehicle from the movie "Explosive Brothers Let's & Go!! WGP Raging Mini 4WD Chase." The model features a distinctive cowl design covering the front and rear tires, a streamlined cockpit, and an arched rear wing for aerodynamic stability. The body is molded in blue ABS plastic with black, yellow, and red graphic markings. Please read this manual thoroughly before beginning assembly to ensure correct construction and optimal performance.

SAFETY INFORMATION

- This product is a model kit and contains small parts. Keep out of reach of small children to prevent choking hazards.
- Assembly requires the use of hobby tools such as cutters, screwdrivers, and possibly knives. Exercise caution to avoid injury.
- Recommended age for assembly and use is **10 years and up**. Adult supervision is recommended for younger users.
- Batteries (2 AA) are required and must be purchased separately. Always insert batteries with correct polarity (+/-). Do not mix old and new batteries, or different types of batteries. Remove batteries when the model is not in use for extended periods.
- Dispose of batteries responsibly according to local regulations.

PACKAGE CONTENTS

Your Tamiya Gun Blaster XTO Premium kit includes the following components:

- Plastic parts for body, chassis (FM-A), and other components

- Motor
- Wheels and tires
- Gears and shafts
- Stickers/Decals for markings
- Instruction manual (this document)

Items not included (required for assembly and operation):

- 2 AA batteries
- Hobby tools (e.g., plastic side cutters, small screwdriver, hobby knife)

SETUP AND ASSEMBLY

Follow the step-by-step diagrams provided in the included printed instruction sheet for detailed assembly. The general steps are outlined below:

1. **Prepare Parts:** Carefully cut all plastic parts from their sprues using plastic side cutters. Smooth any rough edges with a hobby knife or file.
2. **Assemble Chassis:** Begin by assembling the FM-A chassis components, including the motor mount, battery holder, and gear housing. Ensure all gears are properly aligned and lubricated as indicated in the diagrams.
3. **Install Motor:** Insert the motor into its designated position within the chassis.
4. **Attach Axles and Wheels:** Secure the axles, wheels, and tires. Ensure wheels spin freely.
5. **Assemble Body:** Construct the main body shell, including the cowl and rear wing.
6. **Apply Decals:** Carefully apply the provided stickers/decals to the body according to the reference images for the Gun Blaster XTO Premium.
7. **Attach Body to Chassis:** Securely attach the completed body to the FM-A chassis.



Image: The fully assembled Tamiya Gun Blaster XTO Premium Mini 4WD, showcasing its blue body, red wheels, and distinctive flame graphics.

Double-check all connections and ensure no parts are loose before proceeding to operation.

OPERATING INSTRUCTIONS

1. **Battery Installation:** Open the battery compartment on the chassis. Insert two AA batteries, ensuring the positive (+) and negative (-) terminals match the markings inside the compartment. Close the compartment securely.
2. **Power On:** Locate the power switch on the chassis. Slide the switch to the "ON" position. The motor should begin to spin.
3. **Placement:** Place your Mini 4WD car on a flat, smooth surface or a designated Mini 4WD race track.
4. **Operation:** The car will move forward once powered on. There is no remote control; Mini 4WD cars are designed to run on tracks.
5. **Power Off:** To stop the car, slide the power switch to the "OFF" position. Remove batteries if storing the car for an extended period.

MAINTENANCE

- **Cleaning:** Regularly clean dust and debris from the chassis, gears, and motor area using a soft brush or compressed air. Avoid using water or harsh chemicals.
- **Gear Lubrication:** Periodically apply a small amount of Tamiya gear grease (sold separately) to the moving gear parts to ensure smooth operation and reduce wear.
- **Battery Compartment:** Keep the battery compartment clean and dry. Check for any signs of corrosion.
- **Tire Wear:** Inspect tires for wear and tear. Worn tires can affect performance. Replacement tires are available from Tamiya.
- **Part Inspection:** Regularly check all screws and connections to ensure they are tight. Replace any damaged or worn parts promptly.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|-------------------------------------|--|--|
| Car does not move. | <ul style="list-style-type: none">• Batteries are dead or incorrectly installed.• Power switch is off.• Motor not properly connected or faulty.• Gears jammed or not meshing. | <ul style="list-style-type: none">• Replace batteries or check polarity.• Turn power switch to "ON".• Check motor connections; replace motor if faulty.• Inspect gears for debris or damage; reassemble if necessary. |
| Car moves slowly or inconsistently. | <ul style="list-style-type: none">• Low battery power.• Gears are dirty or lack lubrication.• Friction in axles or wheels. | <ul style="list-style-type: none">• Replace batteries.• Clean and lubricate gears.• Check for obstructions; ensure axles and wheels spin freely. |

| Problem | Possible Cause | Solution |
|---------------------------|---|---|
| Car makes unusual noises. | <ul style="list-style-type: none">Gears are misaligned or damaged.Debris caught in moving parts. | <ul style="list-style-type: none">Inspect and realign or replace gears.Clean out any debris. |

SPECIFICATIONS

| | |
|--------------------------------|--|
| Model Number | 19451-000 |
| Chassis Type | FM-A Chassis (Front Motor Aero) |
| Drive System | Shaft Drive 4WD |
| Assembled Dimensions (Approx.) | Length: 6.1 inches (156 mm), Width: 3.8 inches (97 mm), Height: 1.5 inches (37 mm) |
| Item Weight | 7 ounces (approx. 198g) |
| Power Source | 2 AA batteries (not included) |
| Recommended Age | 10 years and up |
| Material | ABS Plastic (Body), other plastic and metal components |

WARRANTY AND SUPPORT

For specific warranty information regarding your Tamiya Gun Blaster XTO Premium Mini 4WD kit, please refer to the documentation included in the product packaging or visit the official Tamiya website. Tamiya products are known for their quality, and support for parts and technical assistance can typically be found through authorized dealers or the manufacturer's customer service channels.

If you encounter issues not covered in this manual, please contact Tamiya customer support or your local hobby shop for assistance.