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› [Reely Carbon Fighter III 1:6 RC Gasoline Model Vehicle Rear Buggy \(2WD\) RTR 2.4 GHz Instruction Manual](#)

REELY Carbon Fighter III

REELY Carbon Fighter III 1:6 RC Gasoline Model Vehicle Instruction Manual

Model: FS10803

Brand: REELY

INTRODUCTION

Welcome to the instruction manual for your REELY Carbon Fighter III 1:6 RC Gasoline Model Vehicle. This high-performance 2WD rear buggy is designed for off-road enthusiasts, featuring a powerful 1.6 hp gasoline engine, an improved conical wheel differential, and new high-grip off-road tires for superior traction. The 2.4 GHz remote control system ensures reliable operation. Please read this manual thoroughly before operating your model to ensure safe and optimal performance.



Image: The REELY Carbon Fighter III RC Buggy shown alongside its 2.4 GHz remote control unit.

SETUP

Before operating your Carbon Fighter III, ensure all necessary components are prepared and installed correctly.

Required Items (Not Included):

- **Receiver Battery:** A 6V Hump Pack battery with Sub-C cells (e.g., Conrad part numbers 206976 or 206975).
- **Battery Charger:** A compatible charger (e.g., Conrad part number 1460625) with a Tamiya / BEC adapter (e.g., Conrad part number 208430) for the receiver battery.
- **Fuel:** A 1:25 fuel mixture. This is prepared by mixing 1.0 liter of Super gasoline or Super Plus with 40 ml of 2-stroke oil (e.g., Conrad part number 893267). **Important: Do not use E10 fuel.**

Initial Checks and Assembly:

While the Carbon Fighter III is designed as a Ready-to-Run (RTR) model, it is crucial to perform a thorough inspection before first use.

1. **Unpacking:** Carefully remove the model and all accessories from the packaging.
2. **Visual Inspection:** Check for any visible damage during shipping. Ensure all parts are securely fastened.
3. **Engine and Drivetrain:** Verify that the engine and drivetrain components (including the differential) are correctly assembled and move freely. Some users have reported initial assembly issues, so a careful check of the motor and drive train is recommended to prevent potential damage.
4. **Radio System:** Install batteries in the 2.4 GHz remote control. Power on the remote control first, then the vehicle. Ensure proper binding and functionality of steering and throttle controls.
5. **Fuel Tank:** Fill the fuel tank with the prepared 1:25 gasoline-oil mixture.
6. **Tires:** Ensure tires are properly mounted and inflated to the recommended pressure (if applicable, check tire sidewall for details).

OPERATING INSTRUCTIONS

The REELY Carbon Fighter III is built for dynamic off-road driving.

Starting the Engine:

1. Ensure the remote control is powered on and linked to the vehicle.
2. Locate the pull-start mechanism on the engine.
3. Apply a small amount of throttle on the remote control (if necessary, refer to engine-specific starting procedures).
4. Pull the starter cord firmly and smoothly until the engine starts. Do not over-pull.
5. Allow the engine to warm up for a short period before driving.

Driving the Vehicle:

Your Carbon Fighter III features rear-wheel drive (2WD) for exciting power drifts and excellent off-road performance.

- **Throttle Control:** Use the throttle trigger on the remote control to accelerate (push forward) and brake/reverse (pull back).
- **Steering Control:** Use the steering wheel on the remote control to turn the front wheels left or right.
- **Off-Road Performance:** The new high-grip off-road tires provide excellent traction on various surfaces. The 2WD system allows for controlled power slides and drifts, enhancing the driving experience.
- **Terrain:** Ideal for grass, dirt, gravel, and other unpaved surfaces. Avoid deep water or extremely muddy conditions.



Image: The REELY Carbon Fighter III in action, kicking up dust on a dirt track, showcasing its off-road capabilities.

MAINTENANCE

Regular maintenance is crucial for the longevity and performance of your REELY Carbon Fighter III.

- **After Each Use:**

- Clean the vehicle thoroughly to remove dirt, dust, and debris, especially from moving parts and the engine cooling fins.
- Inspect for loose screws, nuts, or damaged parts. Tighten or replace as necessary.
- Check the air filter and clean or replace if dirty.
- Empty the fuel tank if storing for an extended period to prevent fuel degradation.

- **Engine Maintenance:**

- Periodically check the spark plug and replace if fouled.
- Ensure proper engine tuning for optimal performance and longevity. Refer to engine-specific tuning guides if needed.

- **Drivetrain and Differential:**

- Regularly inspect the improved conical wheel differential for smooth operation and proper lubrication.
- Check gears for wear and tear.

- **Suspension and Steering:**

- Inspect shock absorbers for leaks and proper damping.
- Check steering linkages for free movement and no excessive play.

- **Tires:**

- Inspect high-grip off-road tires for wear, cuts, or punctures.

- Ensure wheel nuts are tight.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter.

Problem	Possible Cause	Solution
Engine does not start.	No fuel, incorrect fuel mix, fouled spark plug, carburetor issues, low receiver battery.	Check fuel level and mix. Replace spark plug. Inspect carburetor. Charge/replace receiver battery.
Loss of control/Erratic behavior.	Low remote control battery, interference, loose radio connection, damaged servo.	Replace remote control batteries. Re-bind radio system. Check servo connections and functionality.
Vehicle moves slowly or lacks power.	Improper engine tuning, clogged air filter, low receiver battery, drivetrain binding.	Adjust engine tuning. Clean/replace air filter. Charge receiver battery. Inspect drivetrain for obstructions.
Unusual noises from differential/drivetrain.	Worn gears, lack of lubrication, foreign object.	Inspect differential and gears for wear. Lubricate moving parts. Remove any debris.

SPECIFICATIONS

Feature	Detail
Model Name	Carbon Fighter III
Model Number	FS10803
Dimensions (L x W x H)	80 x 43 x 24.5 cm
Weight	10.81 kg
Recommended Age	14 years and up
Engine	1.6 hp Gasoline Engine
Drive Type	Rear-wheel drive (2WD)
Radio System	2.4 GHz
Tires	New High Grip Off-Road Tires
Differential	Improved Conical Wheel Differential
Color	Grey

WARRANTY AND SUPPORT

REELY products are designed for durability and performance.

- **Spare Parts Availability:** Spare parts for the Carbon Fighter III are generally available for a period of 1 year from the date of purchase.
- **Limited Warranty:** For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact REELY customer support directly.
- **Customer Support:** For technical assistance, troubleshooting beyond this manual, or spare parts inquiries, please visit the


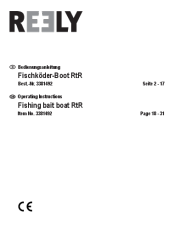


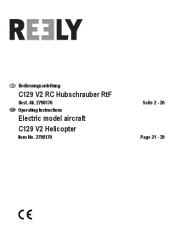
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


Image: The official REELY brand logo.

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	<p>Navodila za uporabo RC modela Buggy Reely Carbon Fighter III</p> <p>Obsežen uporabniški priročnik za RC model Buggy Reely Carbon Fighter III, 2WD RtR, 2,4 GHz. Vsebuje navodila za zagon, delovanje, varnost, vzdrževanje in odpravljanje težav.</p>
	<p>Reely Fishing Bait Boat RtR - Operating Instructions</p> <p>Comprehensive user manual for the Reely Fishing Bait Boat RtR (Item No. 3381492), covering setup, operation, safety, maintenance, and technical specifications. Learn how to use your RC bait boat effectively and safely.</p>
	<p>Telecomando REELY HT-6 2,4 GHz - Manuale d'uso</p> <p>Manuale d'uso completo per il telecomando REELY HT-6 da 2,4 GHz. Include istruzioni per la configurazione, programmazione, sicurezza e dati tecnici per modellismo.</p>
	<p>REELY GT2 EVO 2.4 GHz Remote Control Operating Instructions</p> <p>Operating instructions for the REELY GT2 EVO 2.4 GHz remote control system. Covers setup, safety, operation, maintenance, troubleshooting, and technical specifications for model vehicles and ships.</p>
	<p>Reely C129 V2 RC Helicopter RtF: Operating Instructions</p> <p>Comprehensive operating instructions for the Reely C129 V2 RC Helicopter RtF, covering setup, flight, maintenance, and safety.</p>

<div><div></div><div><div></div><div></div></div></div>	<div><div>REELY HT-6 2.4 GHz Remote Control System User Manual</div><div>Comprehensive user manual for the REELY HT-6 2.4 GHz remote control system, detailing setup, operation, programming, safety, and technical specifications for model aircraft and helicopters.</div></div>
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