

RASTAR 94800

RASTAR Red Bull F1 1/18 Scale RC Car Instruction Manual

Model: 94800 | Brand: RASTAR

INTRODUCTION

Thank you for purchasing the RASTAR 1:18 RC F1 Car, an officially licensed replica of the Red Bull Racing F1 2022 RB18 model. This radio-controlled car is designed for enthusiasts of all ages, offering a realistic driving experience with attention to detail. Please read this manual thoroughly before operating the product to ensure safe and optimal performance.

SAFETY INFORMATION

WARNING: CHOKING HAZARD – Small parts. Not for children under 3 years.

- Always operate the RC car in a safe, open area away from people, pets, and obstacles.
- Do not operate near water or in wet conditions to prevent electrical damage.
- Adult supervision is recommended for younger users.
- Ensure all batteries are inserted with correct polarity (+/-) as indicated.
- Do not mix old and new batteries, or different types of batteries.
- Remove batteries from the car and remote when not in use for extended periods.

PACKAGE CONTENTS

- 1 x RASTAR 1:18 Red Bull Formula 1 Car
- 1 x Dual-Grip Remote Controller
- 1 x User Guide (This Manual)



Image: The RASTAR Red Bull F1 RC car and its dual-grip remote controller, shown alongside the product packaging.

SETUP

1. Battery Installation

The RC car and remote controller require AA batteries (not included). Rechargeable batteries are recommended for extended use.

1. **For the RC Car:** Locate the battery compartment on the underside of the car. Open the cover and insert 3 x AA batteries, ensuring correct polarity. Close the cover securely.



Image: The underside of the RASTAR Red Bull F1 RC car, highlighting the battery compartment.

2. **For the Remote Controller:** Locate the battery compartment on the back of the remote. Open the cover and insert 2 x AA batteries, ensuring correct polarity. Close the cover securely.



Image: The RASTAR Red Bull F1 RC car and its remote controller, with dimensions indicated. The remote's battery compartment is on its back.

2. Pairing (Automatic)

The car and remote controller operate on a 2.4GHz frequency, which allows for automatic pairing. Simply turn on both the car and the remote, and they should connect automatically. This frequency also allows multiple users to race together without interference.

OPERATING INSTRUCTIONS

1. Basic Controls

The dual-grip remote controller provides intuitive control over the RC car:

- **Forward:** Press the forward button/lever.
- **Reverse:** Press the reverse button/lever.
- **Turn Left:** Use the left steering control.
- **Turn Right:** Use the right steering control.
- **Stop:** Release the forward/reverse button/lever.

2. Driving Environment

The RASTAR F1 RC car is designed for optimal performance on flat, smooth surfaces.

- **Recommended Surfaces:** Hardwood floors, tiles, pavement, and other smooth, flat surfaces.
- **Avoid:** Sand, thick carpet, grass, dirt, or uneven terrain, as these can hinder performance and potentially damage the car's low-profile design and delicate components.



Image: Two RASTAR RC F1 cars, one Red Bull and one Mercedes, racing on a smooth wooden surface, demonstrating multiplayer capability.

3. Range and Speed




The remote control range is up to 80 feet (18-25 meters). The car can reach speeds of up to 4 mph (7 km/h).

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe down the car and remote. Do not use water or cleaning solutions, as they can damage electronic components.
- **Battery Care:** Remove batteries if the product will not be used for an extended period. If using rechargeable batteries, follow the charger's instructions for proper charging and care.

- **Storage:** Store the car and remote in a cool, dry place, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Car does not move or responds intermittently.	Low batteries in car or remote; incorrect battery installation; car/remote not paired.	Replace or recharge batteries; ensure correct polarity; turn both units off and on again to re-pair.
Car pulls to one side.	Wheel alignment issue.	<p>Adjust the alignment setting located on the underside of the car, near the front wheels. There is a small lever or dial to fine-tune the steering.</p> <div><div><p>HIGH-DETAILED REPLICATION</p><p>Features with front nose, pull rod front suspension layout, a distinctive and elegant sidepod layout, beam wing & rear wing.</p></div><div></div><div></div><div><p>FRONT SHOCK ABSORPTION</p><p>Built-in 4-wheel independent suspension system makes the car perform well in sorts of terrains.</p></div><div><p>REAR DIFFERENTIAL MECHANISM</p><p>Rear differential mechanisms well as a strong magnetic power motor reduce a drag for the car and make it run smoothly.</p></div><div></div></div> <p>Image: A close-up view of the RC car's underside, indicating the wheel alignment adjustment mechanism.</p>
Reduced range or interference.	Environmental interference; low batteries.	Move to an area with less electronic interference; replace or recharge batteries.

SPECIFICATIONS

- **Brand:** RASTAR
- **Model:** 94800 (Red Bull F1 RB18 Sergio Perez Model)
- **Scale:** 1:18
- **Material:** Quality ABS plastic
- **Color:** Dark Blue
- **Product Dimensions:** 12.3 inches (L) x 4.4 inches (W) x 2.7 inches (H) (31.3cm x 11.3cm x 6.9cm)

- **Item Weight:** 1.1 pounds
- **Functions:** Forward, Reverse, Stop, Turn Left & Right
- **Remote Range:** Up to 80 feet / 18-25 meters
- **Speed:** 4 mph / 7 km/h
- **Frequency:** 2.4GHz
- **Car Batteries:** 3 x AA (not included)
- **Remote Batteries:** 2 x AA (not included)
- **Manufacturer Recommended Age:** 6 years and up



Image: Side profile of the RASTAR Red Bull F1 RC car, emphasizing its 1:18 scale replica design.



OFFICIAL AUTHORIZATION



LARGER WHEELS & LOW-PROFILE TYRES



STREAMED BODY LINE



CLEAR PRINTING

Image: A collage showcasing detailed features of the RASTAR Red Bull F1 RC car, such as official authorization, larger wheels with low-profile tires, streamlined body lines, and clear printing of sponsor logos.







WARRANTY AND SUPPORT

For warranty information or technical support, please contact RASTAR customer service directly. Refer to the contact information provided on the product packaging or visit the official RASTAR website.

RASTAR Official Store: [Visit the RASTAR Store on Amazon](#)



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	<p>RASTAR 2.4GHz Remote Control Car Instructions - Models 92000-96300</p> <p>User manual and operation guide for RASTAR 2.4GHz remote control cars, including setup, features, functions, maintenance, and safety warnings for models 92000, 94500, 94600, 94900, and 96300.</p>
	<p>Инструкция по эксплуатации робота RASTAR 77900</p> <p>Полное руководство по использованию игрушечного робота RASTAR 77900. Включает настройку, управление, функции, программирование и меры безопасности.</p>
	<p>Rastar RC Car 53800/98500/93300/93400 Instructions and Operation Guide</p> <p>Official instructions and operation guide for Rastar 1:18 scale RC cars (models 53800, 98500, 93300, 93400), covering features, functions, maintenance, and safety precautions.</p>
	<p>BMW M8 GTE RC Assembly Model Kit - Assembly Instructions</p> <p>Detailed assembly instructions for the Rastar BMW M8 GTE RC Assembly Model Kit (Item No. 97200). This guide covers component identification, tool usage, and step-by-step assembly procedures for creating a 1:18 scale model.</p>
	<p>Rastar RC Car 92840, 80445B308D7 Instructions and Operation Guide</p> <p>Comprehensive instructions and operation guide for Rastar RC Cars models 92840 and 80445B308D7, covering battery charging, operation, features, and maintenance.</p>
	<p>Rastar 92100 RC Car Operation and Maintenance Guide</p> <p>Instructions for operating and maintaining the Rastar 92100 remote control car, including battery installation, pairing, and features.</p>