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› [Maisto Tech R/C F1 Red Bull Racing RB18 \(2023\) Remote Control Car User Manual](#)

## Maisto Tech M82356

# Maisto Tech R/C F1 Red Bull Racing RB18 (2023)

Model: M82356

## 1. SAFETY INFORMATION

Please read all instructions carefully before operating the vehicle. Failure to do so may result in injury or damage to the product.

- **Age Recommendation:** This product is recommended for ages 8 years and up.
- **Choking Hazard:** Contains small parts. Not suitable for children under 36 months.
- **Battery Safety:**
  - Do not mix old and new batteries.
  - Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
  - Insert batteries with correct polarity (+ and -).
  - Remove exhausted batteries from the product.
  - Do not short-circuit the supply terminals.
  - Do not dispose of batteries in fire.
  - Rechargeable batteries are only to be charged under adult supervision.
- **Operating Environment:** Do not operate near people, pets, or obstacles. Avoid operating in wet conditions or on public roads.

## 2. PACKAGE CONTENTS

Ensure all items listed below are present in the package:

- Maisto Tech R/C F1 Red Bull Racing RB18 (2023) Vehicle
- Pistol Grip Remote Control
- 1 x 6.4V NiMH (700 mAh) Rechargeable Battery Pack for Vehicle
- USB Charging Cable for Vehicle Battery
- 2 x AAA Batteries for Remote Control (included)



Image: The product packaging, displaying the remote control car, its pistol-grip remote, and key features like 2.4GHz power and USB charging capability.

### 3. SETUP

#### 3.1 Vehicle Battery Installation

1. Locate the battery compartment on the underside of the vehicle.
2. Open the battery compartment cover using a screwdriver (not included) if necessary.
3. Connect the 6.4V NiMH battery pack to the connector inside the compartment, ensuring correct polarity.
4. Place the battery pack neatly into the compartment.
5. Close the battery compartment cover and secure it.



Image: The Maisto Tech R/C F1 Red Bull Racing RB18 car. The battery compartment is located on the underside of the vehicle.

#### 3.2 Remote Control Battery Installation

1. Locate the battery compartment on the back of the pistol grip remote control.
2. Slide open the battery compartment cover.
3. Insert 2 x AAA batteries, observing the correct polarity (+ and -) as indicated inside the compartment.
4. Close the battery compartment cover securely.



Image: The pistol grip remote control. The battery compartment is on the back of the handle.

### 3.3 Charging the Vehicle Battery

The included 6.4V NiMH battery pack for the vehicle is rechargeable via the USB charging cable.

1. Connect the USB charging cable to the battery pack.
2. Plug the USB end of the cable into a standard USB power source (e.g., computer USB port, USB wall adapter).
3. The charging indicator light on the USB cable will show the charging status (refer to cable's specific indicator behavior).
4. A full charge takes approximately 45 minutes. Do not overcharge.
5. Once charging is complete, disconnect the battery from the USB cable and the power source.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Powering On/Off

- **Vehicle:** Locate the ON/OFF switch on the underside of the vehicle. Slide it to the "ON" position to power on.
- **Remote Control:** Locate the ON/OFF switch on the remote control. Slide it to the "ON" position to power on.
- Ensure both are powered on for proper pairing and operation.

### 4.2 Remote Control Functions

The pistol grip remote control allows for precise handling of the vehicle.

- **Trigger:**
  - Pull the trigger towards you to move the vehicle **forward**.
  - Push the trigger away from you to move the vehicle **backward**.
- **Steering Wheel:**
  - Turn the steering wheel to the **left** to steer the vehicle left.
  - Turn the steering wheel to the **right** to steer the vehicle right.



Image: The pistol grip remote control, showing the trigger and steering wheel for vehicle control.

### 4.3 Driving the Vehicle

- Place the vehicle on a flat, clear surface.
- Ensure the vehicle and remote control are both powered on.
- Practice controlling the vehicle's movement and steering in an open area before attempting more complex maneuvers.
- The vehicle has a maximum speed of approximately 7.9 km/h and a control range of up to 35 meters.

- Expected driving time per charge is approximately 20 minutes.



Image: Front view of the Red Bull Racing RB18 car, ready for operation.

## 5. MAINTENANCE

### 5.1 Cleaning

- Wipe the vehicle and remote control with a soft, damp cloth.
- Do not use harsh chemicals or abrasive cleaners.
- Do not immerse the vehicle or remote control in water.

### 5.2 Storage

- When not in use, store the vehicle and remote control in a cool, dry place away from direct sunlight.
- Remove batteries from both the vehicle and remote control if storing for extended periods to prevent leakage.

### 5.3 Battery Care

- Always allow the vehicle battery to cool down before recharging.
- Do not leave batteries charging unattended.
- Dispose of old batteries responsibly according to local regulations.

## 6. TROUBLESHOOTING

If you encounter issues with your Maisto Tech R/C F1 Red Bull Racing RB18, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Vehicle does not move or respond.	Batteries are low or dead. Batteries are installed incorrectly. Vehicle or remote control is not powered on. Vehicle and remote are not paired.	Replace or recharge batteries. Check battery polarity and reinsert correctly. Ensure both ON/OFF switches are in the "ON" position. Turn both off, then turn vehicle on first, then remote.
Short control range or intermittent control.	Low batteries in remote or vehicle. Interference from other RC devices or electronics. Operating beyond the specified range.	Replace or recharge batteries. Move to an area with less interference. Stay within 35 meters of the vehicle.
Vehicle steers incorrectly or drifts.	Steering trim adjustment needed. Damage to steering mechanism.	Adjust the steering trim dial/lever on the remote control (if available) or on the vehicle's underside. Inspect for physical damage.

## 7. SPECIFICATIONS

Detailed technical specifications for the Maisto Tech R/C F1 Red Bull Racing RB18 (2023) remote control car.

<b>Model Number</b>	M82356
<b>Scale</b>	1:24
<b>Vehicle Dimensions (L x W x H)</b>	Approx. 23 cm (Length) x 8 cm (Width) x 5 cm (Height)
<b>Weight</b>	413 grams (approx.)
<b>Vehicle Battery</b>	1 x 6.4V NiMH (700 mAh) Rechargeable Battery Pack
<b>Remote Control Battery</b>	2 x AAA Batteries
<b>Charging Time</b>	Up to 45 minutes (via USB)
<b>Driving Time</b>	Approx. 20 minutes

Max Speed	Approx. 7.9 km/h
Control Range	Approx. 35 meters
Frequency	2.4 GHz
Material	Plastic
Color	Black



cm



1:24

Image: Dimensions of the RC car and remote control, illustrating the 1:24 scale.

## 8. WARRANTY AND SUPPORT

Maisto Tech products are manufactured to high-quality standards. For specific warranty details and customer support, please refer to the information provided with your product packaging or visit the official Maisto Tech website.

- **Warranty Period:** The product typically comes with a 1-year availability of spare parts. For full warranty terms,

please consult the manufacturer's official documentation.

- **Customer Support:** For technical assistance, troubleshooting beyond this manual, or spare parts inquiries, please contact Maisto Tech customer service.

Keep your purchase receipt as proof of purchase for any warranty claims.



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