

[Manuals.plus](#) /

› [rastar](#) /

› Rastar 93500 Maserati MC20 Technic Sports Car Building Kit User Manual

rastar 93500

Rastar 93500 Maserati MC20 Technic Sports Car Building Kit User Manual

Model: 93500

INTRODUCTION

This user manual provides comprehensive instructions for the Rastar 93500 Technic Sports Car Building Kit, a detailed 1:8 scale replica of the Maserati MC20. This dynamic version includes motors and LED lights for an interactive experience. The manual covers assembly, operation, maintenance, and troubleshooting to ensure a rewarding building and playing experience.



Figure 1: Overview of the Rastar 93500 Maserati MC20 Technic Sports Car Building Kit, showing the assembled model, packaging, and included electronic components such as motors, battery box, and remote control.

SETUP AND ASSEMBLY

The Rastar 93500 kit contains 3457 precision-engineered parts designed for a realistic and engaging build. Follow the included color-printed assembly instructions carefully. All parts are organized into separate bags to facilitate easy identification and assembly.

1. Assembly Steps

- 1. Unpack Components:** Carefully open all packaging and sort the parts according to the numbered bags.
- 2. Follow Instruction Manual:** Refer to the detailed, color-printed assembly manual provided. Each step is illustrated to guide you through the construction process.
- 3. Connect Electronic Modules:** During assembly, integrate the XL-motors, servomotor, LED lights, and battery box as indicated in the instructions. Ensure all connections are secure.

2. Power Installation

- **Battery Box:** Install the required batteries (not included) into the battery box. Ensure correct polarity.
- **Remote Control:** Install batteries into the 2.4 GHz remote control unit.
- **Initial Pairing:** Once the model is fully assembled and powered, turn on the remote control and the model's power switch. The devices should automatically pair. Refer to the manual for specific pairing instructions if issues arise.



Figure 2: The rear section of the assembled model, illustrating the power input area. This port is used for connecting the battery box or for potential charging if rechargeable batteries are used (batteries not included).

OPERATING INSTRUCTIONS

Once assembled and powered, the Rastar 93500 model can be operated using the included 2.4 GHz remote control. Familiarize yourself with the controls for optimal performance.

Remote Control Functions:

- **Driving:** Use the joystick or directional buttons to control forward, backward, left, and right movements. The XL-motors provide propulsion.
- **Steering:** The servomotor controls the front wheel steering, which is synchronized with the steering wheel inside the

model.

- **LED Lights:** Activate the integrated LED lights via a dedicated button on the remote control.
- **Door Operation:** The left and right doors can be opened and closed remotely, mimicking the real Maserati MC20's butterfly doors.



Figure 3: The assembled model with its distinctive butterfly doors and front hood in the open position, showcasing the detailed interior and engine bay. This feature can be controlled remotely.



Figure 4: An angled perspective of the Maserati MC20 model, highlighting the fully opened butterfly doors and front hood, demonstrating the model's functional design elements.

MAINTENANCE

Proper maintenance will extend the lifespan and performance of your Rastar 93500 model.

- **Cleaning:** Use a soft, dry cloth to gently wipe down the model. Avoid using water or chemical cleaners, as they may damage the plastic parts or electronic components.
- **Storage:** Store the model in a cool, dry place away from direct sunlight and extreme temperatures. Disassemble if storing for extended periods to prevent dust accumulation and maintain part integrity.
- **Battery Care:** Remove batteries from the model and remote control if not in use for a long time to prevent leakage and corrosion.
- **Part Inspection:** Periodically check for any loose or damaged parts. Refer to the assembly manual for reassembly or replacement instructions.

TROUBLESHOOTING

If you encounter issues with your Rastar 93500 model, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Model does not move or respond to remote.	• Low or dead batteries in model or remote. • Model or remote not powered on. • Pairing issue between model and remote. • Loose wire connection to motors.	• Replace batteries in both model and remote. • Ensure power switches are in the "ON" position. • Turn off both devices, then turn them back on to re-pair. • Check all motor connections as per assembly manual.
LED lights do not illuminate.	• Loose connection to LED lights. • LED light module malfunction.	• Verify all LED light connections. • Contact customer support if lights remain non-functional after checking connections.
Doors do not open/close remotely.	• Mechanical obstruction. • Servomotor connection issue.	• Check for any parts blocking the door mechanism. • Ensure the servomotor controlling the doors is correctly connected and functioning.

SPECIFICATIONS

Detailed specifications for the Rastar 93500 Maserati MC20 Technic Sports Car Building Kit:

- **Model Number:** 93500
- **Scale:** 1:8
- **Number of Parts:** 3457
- **Dimensions (L x W x H):** 58.5 cm x 28.1 cm x 15.4 cm (23.03 in x 11.06 in x 6.06 in)
- **Motors:** 1x XL-Motor, 1x Servomotor
- **Lighting:** 2x LED Lights
- **Remote Control:** 2.4 GHz
- **Material:** High-quality ABS Plastic
- **Recommended Age:** 14+ years
- **Learning Objectives:** Creative thinking, problem-solving skills



Figure 5: Front and rear views of the fully assembled Rastar 93500 Maserati MC20 model, showcasing its detailed design and proportions.

WARRANTY AND SUPPORT

Rastar is committed to providing high-quality products and excellent customer service.

- **Parts Guarantee:** If any parts are lost or damaged during the building process or due to manufacturing defects, we guarantee to provide replacement parts free of charge.
- **Customer Support:** For any inquiries, issues, or assistance, please do not hesitate to contact us. We aim to respond to all queries within 12 hours.
- **Online Store:** Explore other products from Rastar by visiting our official store: [Rastar Official Store](#).

