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› [Remote Control Car Building Set, 1:14 Technical Sports Racing Car Building Kit, with Motors and Rechargeable Battery, Toys Gift for Adults & Boys Age 12+ \(1314 PCS\) Dynamic Version-1314pcs](#)

MOCBROPCS MK6002

Instruction Manual for MOCBROPCS 1:14 Remote Control Car Building Set

Model: MK6002

Brand: MOCBROPCS

INTRODUCTION

This manual provides detailed instructions for assembling, operating, and maintaining your MOCBROPCS 1:14 Technical Sports Racing Car Building Kit. This 1,314-piece set allows you to construct a high-fidelity model that can function as either a static display piece or a remote-controlled vehicle. The finished model measures approximately 14.7 (L) X 6.7 (W) X 3.9 (H) inches. The design features include butterfly doors, a hood, a rear wing, classic openable scissor doors, a mechanical roof, a simulated engine, steering wheel-linked front wheel steering, blue seats, smooth body lines, movable wheels, a streamlined rear end, a unique tri-color scheme, and a sophisticated interior.



Figure 1: Fully assembled MOCBROPCS 1:14 Technical Sports Racing Car.

SAFETY INFORMATION

WARNING: CHOKING HAZARD – This product contains small parts and is not suitable for children under 3 years of age. Please retain the packaging for important information.

SUPERCAR

TECHNOLOGY

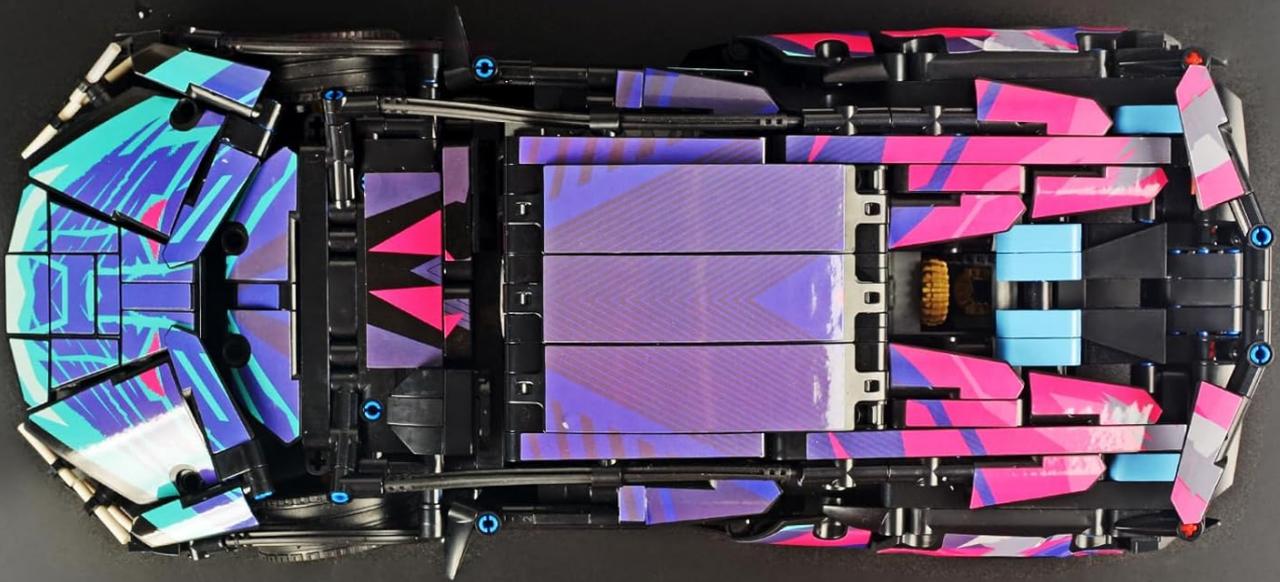


Figure 2: Product warning label indicating choking hazard for small parts.

WHAT'S IN THE BOX

Upon opening your MOCBROPCS 1:14 Technical Sports Racing Car Building Kit, please verify that all the following components are included:

- Building bags (containing 1314 pieces)
- Paper instruction manual
- Remote control
- Rechargeable Lithium Ion battery (1 included)
- L-motor
- Servo-motor



Figure 3: Key components included in the kit: remote control, motors, and rechargeable battery.

ASSEMBLY

The MOCBROPCS 1:14 Technical Sports Racing Car Building Kit offers two assembly modes: a static display model and a dynamic remote-controlled model. Detailed, step-by-step instructions are provided in the included paper manual. It is recommended to follow these instructions carefully to ensure correct assembly and functionality.

Organize the building bags and pieces before starting. The assembly process involves connecting various technical components to form the car's chassis, body, and functional elements like the steering and drive systems. For the remote-controlled version, ensure proper installation of the L-motor, Servo-motor, and battery as per the manual.

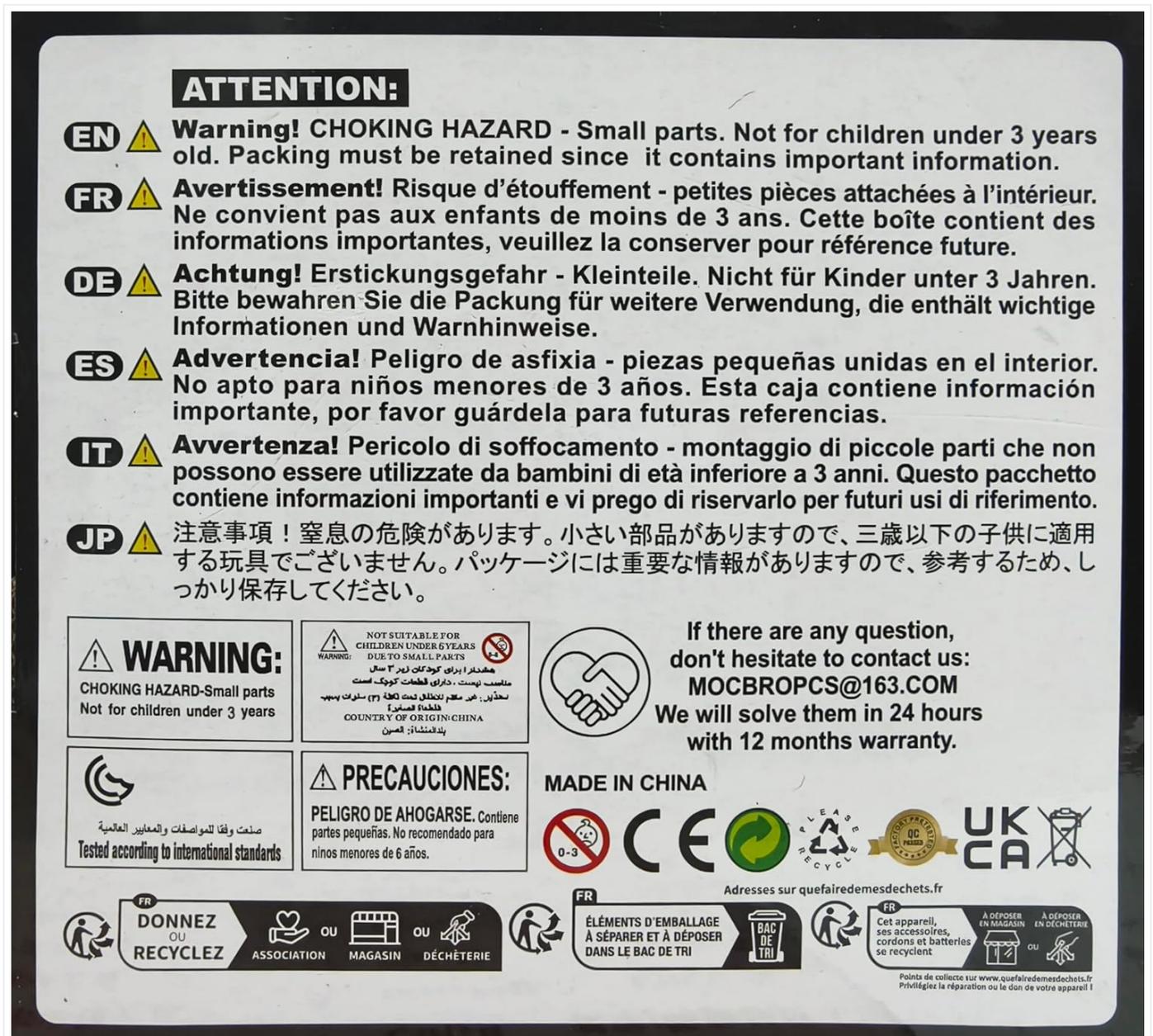


Figure 4: Example of the assembly process, highlighting the interactive building experience.

SETUP FOR REMOTE CONTROL OPERATION

Once the car is fully assembled in its dynamic configuration, follow these steps to prepare it for remote control operation:

- Battery Installation:** Locate the battery compartment on the car and the remote control. Insert the included rechargeable Lithium Ion battery into the car, ensuring correct polarity. For the remote control, insert the required batteries (not specified if included, typically AA/AAA).
- Motor Connection:** Ensure the L-motor and Servo-motor are securely connected to the main control unit within the car, as detailed in the assembly manual.
- Power On:** Turn on the power switch on the car and the remote control. The indicator lights should illuminate.
- Pairing:** The car and remote control should automatically pair. If not, refer to the specific pairing instructions in your paper manual.

OPERATING THE REMOTE CONTROL CAR

The remote control allows for precise maneuvering of your assembled sports car. Familiarize yourself with the controls:

- **Forward/Backward:** Typically controlled by a joystick or button on the remote.

- **Left/Right Steering:** Controlled by another joystick or directional buttons.

Operate the car on a clean, flat surface for optimal performance. Avoid water, excessive dust, or rough terrain to prevent damage to the motors and electronic components.



Video 1: Demonstration of the remote control car's maneuvering capabilities, showing it driving forward, backward, turning left, and turning right.

MAINTENANCE

To ensure the longevity and optimal performance of your MOCBROPCS building set, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the car and remote control. Avoid using water or chemical cleaners, which can damage electronic components or the plastic bricks.
- **Storage:** When not in use, store the car and its components in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** Fully charge the rechargeable battery before first use and after each play session. If storing for an extended period, charge the battery to approximately 50% and remove it from the car to prevent discharge or damage.
- **Inspection:** Periodically check for any loose connections or damaged parts. If any parts are missing or broken, refer to the "After-sale Service" section for replacement information.

TROUBLESHOOTING

If you encounter issues with your MOCBROPCS Remote Control Car, consult the following common problems and solutions:

Problem	Possible Cause	Solution
Car does not respond to remote control.	Low battery in car or remote; Not paired; Power switch off.	Charge/replace batteries. Ensure both car and remote are powered on. Re-pair devices according to manual.
Car moves slowly or inconsistently.	Low battery; Obstruction in wheels/gears; Loose motor connection.	Charge battery. Check for and remove any debris. Secure motor connections.
Steering is not working correctly.	Servo-motor issue; Steering mechanism obstructed.	Check Servo-motor connection. Inspect steering components for blockages or damage.
Missing or broken pieces during assembly.	Manufacturing error or accidental loss.	Contact customer support for free replacement parts (see Warranty & Support).

SPECIFICATIONS

Feature	Detail
Model Number	MK6002
Product Dimensions (L x W x H)	14.7 x 6.7 x 3.9 inches (approximate assembled size)
Item Weight	2.31 pounds
Piece Count	1314 PCS
Scale	1:14
Recommended Age	6 years and up (suitable for 8-16 years, teenagers, or adults)
Battery Type	1 Lithium Ion battery (included)

Feature	Detail
Manufacturer	SHANTOU MENGKE TECHNOLOGY CO., LTD

PROPORTIONAL DIMENSION

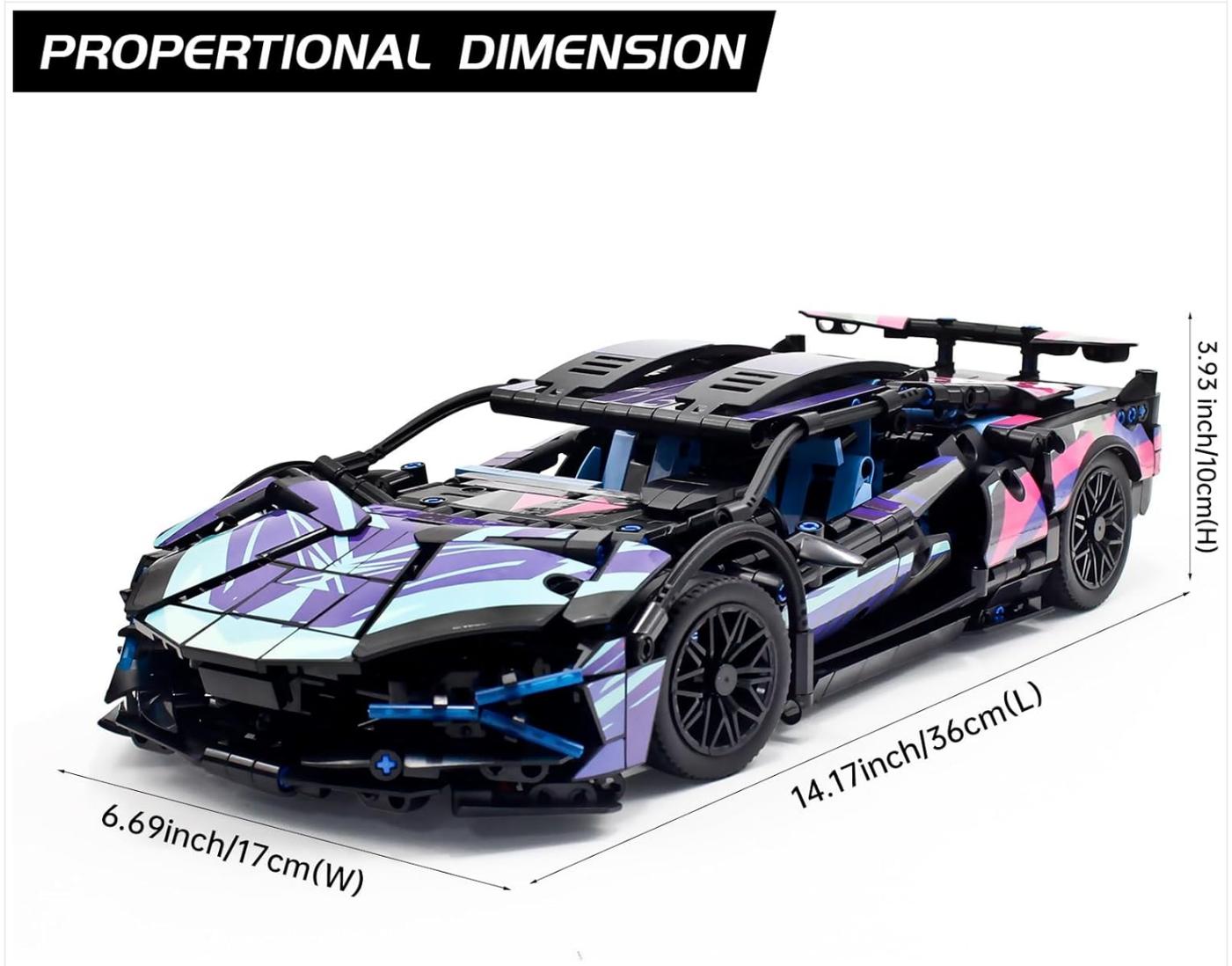


Figure 5: Dimensional overview of the assembled product.

WARRANTY AND SUPPORT

MOCBROPCS provides a 12-month warranty for this product. If you encounter any issues, such as lost or missing parts during the assembly process, or require any assistance, please do not hesitate to contact our customer support team.

Contact Information:

Email: MOCBROPCS@163.com

We are committed to providing a satisfied solution and will send replacements for free if needed.

