Mould King 17070

Mould King 17070 RC Excavator Building Set Instruction Manual

Model: 17070

1. Introduction

Thank you for choosing the Mould King 17070 RC Excavator Building Set. This comprehensive manual provides essential information for the assembly, operation, and maintenance of your new construction vehicle model. Please read these instructions carefully before beginning assembly or operation to ensure proper use and to maximize your experience. This set is designed for enthusiasts aged 14 and above, offering a challenging yet rewarding building experience with its 4767 pieces and advanced remote control capabilities.

2. Safety Information

- **Small Parts Warning:** This product contains small parts and is not suitable for children under 3 years old due to choking hazards.
- **Adult Supervision:** Adult supervision is recommended during assembly and operation, especially for younger users.
- **Battery Safety:** Use only the specified Lithium-Ion batteries. Do not mix old and new batteries, or different types of batteries. Ensure correct polarity when inserting batteries. Do not attempt to recharge non-rechargeable batteries.
- **Indoor Use:** This toy vehicle is intended for indoor use. Avoid operating in wet conditions or on uneven terrain that could damage the model.
- **Electrical Components:** Handle all electrical components with care. Do not expose them to water or extreme temperatures.

3. Package Contents

Before starting assembly, please verify that all components are present in your package:

- Building Blocks (4767 pieces, organized in numbered bags)
- 1 x Remote Control
- 2 x Batteries (Lithium-Ion, included)
- 1 x Screwdriver
- 1 x Sticker Sheet
- 1 x Instruction Manual (this document)
- Power Accessories: 2 x HL Motor, 1 x HXL Motor, 1 x MKH4 Battery Box, 1 x L Motor, 2 x XL Motor, 1 x MK4 Battery Box



Image: Overview of the 4767 building pieces and included power accessories for the Mould King 17070 RC Excavator.

4. Setup and Assembly

The Mould King 17070 RC Excavator is a complex model requiring careful assembly. Follow the included step-by-step

building instructions provided in the separate manual. The parts are organized into numbered bags to simplify the process.

4.1. Assembly Process

1. **Unpack and Organize:** Open the numbered bags one by one as indicated in the building manual. It is recommended to use a clean, flat surface for assembly.
2. **Follow Instructions:** Adhere strictly to the visual and textual instructions in the dedicated building manual. Each step is crucial for the structural integrity and functionality of the model.
3. **Connect Power Components:** Carefully integrate the motors and battery boxes as shown in the assembly steps. Ensure all connections are secure.

4.2. Battery Installation and Charging

The model requires Lithium-Ion batteries for operation. Install the batteries into the designated battery compartments as shown below.

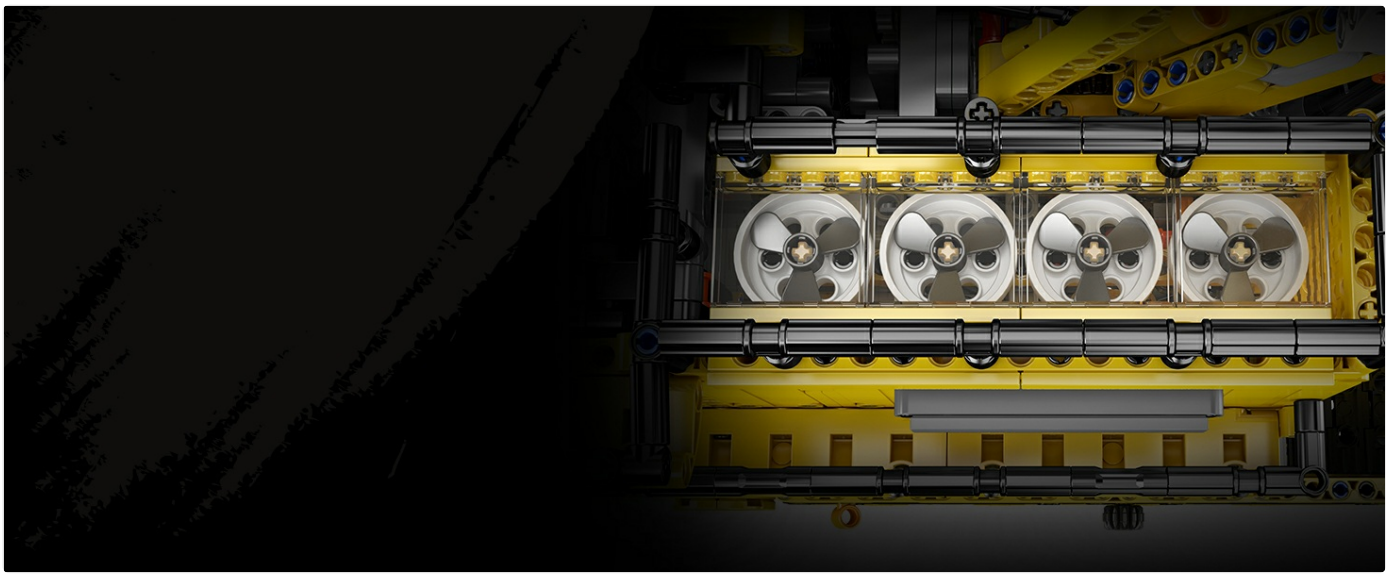


Image: Location of the battery compartments for installing the included Lithium-Ion batteries.

To charge the batteries, connect the USB charging cable to the model's charging port and a compatible USB power source. The charging indicator will provide status updates.



Image: The intuitive operation interface on a smartphone and the USB charging port on the excavator model.

5. Operating Instructions

The Mould King 17070 RC Excavator can be controlled via the included remote control or a dedicated smartphone application.

5.1. Remote Control Operation

Power on the excavator model and the remote control. Ensure they are paired according to the instructions in the building manual. The remote control allows for precise manipulation of the excavator's functions.

5.2. APP Control (Bluetooth)

1. **Download the App:** Search for the official Mould King control app on your smartphone's app store.
2. **Connect via Bluetooth:** Enable Bluetooth on your smartphone and open the app. Follow the in-app instructions to connect to your Mould King 17070 Excavator.

3. **Control Modes:** The app supports two primary control modes: a standard remote control mode and a programming function for custom actions.



Image: The two remote control modes available through the smartphone application.

5.3. Excavator Functions

The Mould King 17070 RC Excavator features several realistic and controllable functions:

- **Boom Lift Angle:** Control the angle of the excavator's main boom.
- **Bucket Open/Close:** Operate the digging bucket to scoop and release materials.
- **360° Rotatable Operator's Console:** The entire upper structure of the excavator can rotate 360 degrees.
- **Retractable/Expandable Ladder:** The access ladder can be extended and retracted.
- **Turbo Radiator Drive Simulation:** Realistic engine sound and visual effects.
- **Track Movement:** Drive the excavator forward, backward, and turn in place using the tracks.



Image: The digging arm in action, simulating real engineering work.



Image: The excavator's console rotating 360 degrees, demonstrating strong power and grip.

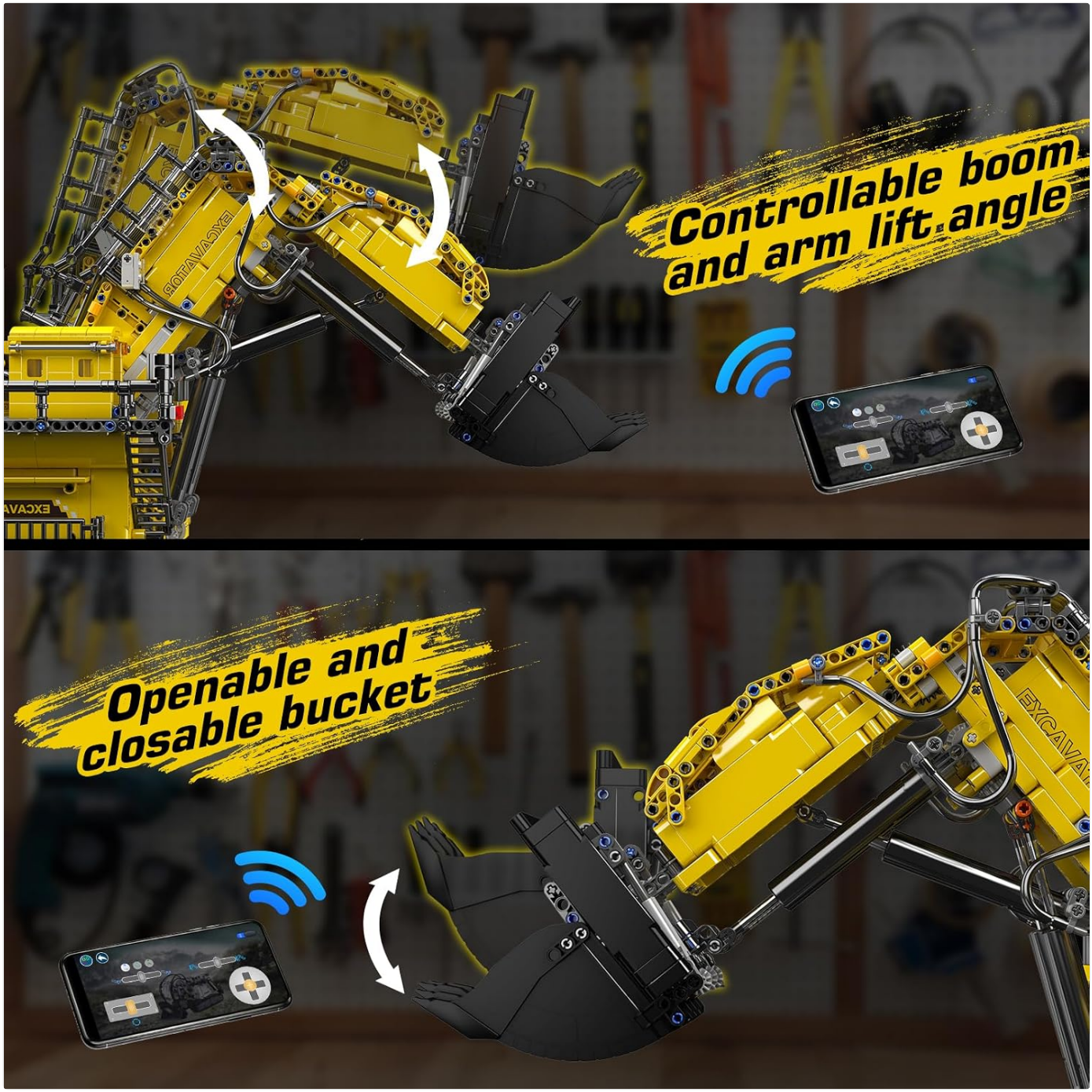


Image: Demonstrating the controllable boom lift angle and the openable and closable bucket functions.



Image: The retractable and expandable ladder feature of the excavator.



Image: The turbo radiator drive simulation, enhancing realism.

6. Maintenance

Proper maintenance will extend the lifespan and performance of your Mould King 17070 RC Excavator.

- **Cleaning:** Regularly wipe down the model with a dry, soft cloth to remove dust and debris. Avoid using harsh chemicals or abrasive materials.
- **Battery Care:** Remove batteries from the model if it will not be used for an extended period. Store batteries in a cool, dry place. Do not expose batteries to extreme heat or cold.
- **Component Check:** Periodically inspect all connections and moving parts for any signs of wear or damage. Ensure all building blocks are securely attached.
- **Storage:** Store the assembled model in a safe, dry place away from direct sunlight and extreme temperatures.

7. Troubleshooting

If you encounter any issues with your Mould King 17070 RC Excavator, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Model does not power on.	Batteries are low or incorrectly installed.	Check battery polarity. Recharge or replace batteries. Ensure battery boxes are properly connected.
Remote control or app does not connect.	Not paired correctly; Bluetooth off; interference.	Ensure both model and controller are on. Re-attempt pairing. Check Bluetooth on device. Move away from other electronic devices.
Functions (boom, bucket, rotation) are not responding.	Motor connection issue; mechanical obstruction; low battery.	Check all motor connections. Ensure no parts are jammed. Recharge batteries.
Missing parts during assembly.	Packaging error or oversight.	Carefully re-check all packaging and bags. Contact customer support if parts are genuinely missing.

If the problem persists after attempting these solutions, please contact Mould King customer support for further assistance.

8. Specifications

Feature	Detail
Brand	Mould King
Model Name	17070
Model Number	WX17070-LZUSYL
UPC	705736242433
Number of Pieces	4767
Material Type	Plastic
Color	Yellow
Toy Vehicle Form	Excavator
Operation Mode	Remote Control, App Control (Bluetooth)
Power Source	Battery Powered (Lithium-Ion)
Recommended Age	14 - 20 years
Educational Objective	Hands-On Skill, STEM Learning
Indoor/Outdoor Usage	Indoor
Dimensions (Approximate)	Length: 65.7 cm (25.8 in), Width: 30.4 cm (11.9 in), Height: 40 cm (15.7 in)



Image: Approximate dimensions of the assembled Mould King 17070 RC Excavator model.

9. Warranty and Support

9.1. Warranty Information

Specific warranty details for the Mould King 17070 RC Excavator Building Set are typically provided with the product packaging or can be obtained by contacting Mould King customer service. Please retain your proof of purchase for any warranty claims.

9.2. Customer Support

For any questions, concerns, or assistance with assembly, operation, or troubleshooting, please contact Mould King customer support. Our team is dedicated to providing prompt and helpful service to ensure your satisfaction. Contact information can usually be found on the product packaging or the official Mould King website.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question