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› Mould King 17098 Remote Control Bulldozer Building Set Instruction Manual

Mould King MK-17098

Mould King 17098 Remote Control Bulldozer Building Set

Instruction Manual

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1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Mould King 17098 Remote Control Bulldozer Building Set. Please read this manual thoroughly before beginning assembly or operation to ensure correct usage and to maximize your experience with the product.

Crawler Track Loader



Figure 1.1: The fully assembled Mould King 17098 Remote Control Bulldozer.

The Mould King 17098 is a highly detailed, motorized building set designed for enthusiasts aged 14 and above. It features realistic crawler tracks, a functional front blade, and remote control capabilities for an engaging construction vehicle experience.

2. ASSEMBLY INSTRUCTIONS

The Mould King 17098 set contains 1208 precision building blocks. Follow the included step-by-step pictorial guide for detailed assembly instructions. Ensure all pieces are correctly connected to ensure proper functionality of the motorized components.

2.1. Preparation

- Unpack all components and verify that all 1208 pieces are present according to the parts list.
- Organize pieces by type or color to facilitate the building process.
- Ensure a clean, well-lit workspace.



Figure 2.1: A person engaged in the assembly process of the building set.

2.2. Building Steps

Refer to the dedicated instruction booklet provided in the box for the complete building sequence. Pay close attention to the integration of the motorized components and wiring during the relevant steps.



Figure 2.2: Close-up view of the building blocks and partially assembled bulldozer.

2.3. Battery Installation

The model requires 1 'A' battery (included) for the remote control functions. Locate the battery compartment on the model and the remote control, insert the battery with correct polarity, and secure the cover.

3. OPERATION

Once assembled and batteries are installed, your Mould King 17098 Remote Control Bulldozer is ready for operation. This model features remote control for driving, steering, and blade movement.

3.1. Remote Control Pairing

1. Ensure the bulldozer and remote control are both powered on.
2. Follow the specific pairing instructions in the included remote control manual if automatic pairing does not occur.

3.2. Driving Functions

- **Forward/Backward:** Use the designated joystick or buttons on the remote control to move the bulldozer forward or backward.
- **Steering:** Use the steering controls to turn the bulldozer left or right. The crawler tracks allow for realistic maneuverability.



Figure 3.1: Illustration of the bulldozer's track movement capabilities.

3.3. Blade and Ripper Functions

- **Front Blade Control:** Use the remote control to raise, lower, and tilt the front blade.
- **Rear Ripper Control:** The rear ripper can be manually adjusted or, if motorized, controlled via the remote for digging and loosening operations.



Figure 3.2: Depiction of the front blade's operational movements.

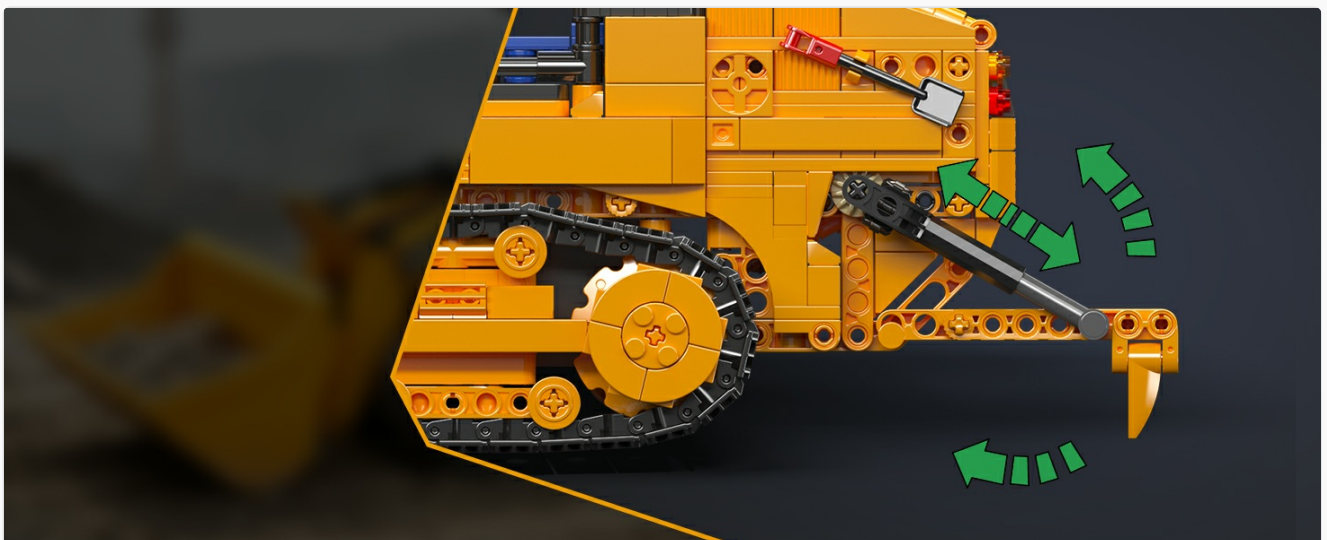


Figure 3.3: Depiction of the rear ripper's operational movements.

Important: Operate the bulldozer on flat, clean surfaces. Avoid water, sand, or excessively dusty environments to prevent damage to the motors and electronic components.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Mould King 17098 Bulldozer.

4.1. Cleaning

- Use a soft, dry cloth to wipe down the model.
- For hard-to-reach areas, use a soft brush or compressed air to remove dust and debris.
- Do not use water or cleaning solvents directly on the model, especially near electronic components.

4.2. Storage

- Store the model in a cool, dry place away from direct sunlight.
- Remove batteries from both the model and the remote control if storing for extended periods to prevent leakage.

4.3. Component Check

- Periodically check all connections and moving parts for looseness or damage.
- Ensure crawler tracks are free of obstructions and move smoothly.

5. TROUBLESHOOTING

If you encounter issues with your Mould King 17098 Bulldozer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Bulldozer does not respond to remote control.	• Batteries are low or incorrectly installed. • Remote control not paired. • Power switch off.	• Replace batteries and check polarity. • Refer to pairing instructions in Section 3.1. • Ensure both bulldozer and remote control are powered on.
Motors are weak or slow.	• Low battery power. • Obstruction in tracks or gears.	• Replace batteries. • Check for and remove any debris from tracks and gears.
Parts detach during operation.	• Incorrect assembly. • Excessive force during play.	• Review assembly steps in the instruction booklet. • Reattach parts firmly. Operate the model gently.

6. SPECIFICATIONS

Key technical details for the Mould King 17098 Remote Control Bulldozer Building Set:

- **Model Number:** MK-17098
- **Brand:** Mould King
- **Number of Pieces:** 1208
- **Recommended Age:** 14 years and up
- **Item Dimensions (L x W x H):** Approximately 15.16 x 5.9 x 7.36 inches (38.5 x 15 x 18.7 cm)
- **Educational Objective:** STEM
- **Operation Mode:** Remote Control
- **Batteries Required:** 1 'A' battery (included)
- **Indoor/Outdoor Usage:** Indoor recommended



Figure 6.1: Product dimensions of the assembled bulldozer.

7. WARRANTY AND SUPPORT

For warranty information, product support, or to inquire about replacement parts, please contact Mould King

customer service directly. Refer to the packaging or the official Mould King website for contact details. Please retain your purchase receipt as proof of purchase for any warranty claims.

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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.

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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