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Reobrix 22008

Reobrix Fire Truck Building Set 22008 Instruction Manual

Model: 22008

1. Introduction

This manual provides detailed instructions for the assembly, setup, operation, and maintenance of your Reobrix Fire Truck Building Set, Model 22008. This advanced building set allows you to construct a realistic fire vehicle equipped with remote control capabilities and a functional water spray device. Please read all instructions carefully before beginning assembly and operation to ensure proper use and longevity of the product.



Image 1.1: The Reobrix Fire Truck Building Set 22008, showcasing the fully assembled fire truck model.

2. Safety Information

WARNING: CHOKING HAZARD - Small Parts.
This product contains small parts and is not suitable for children under 3 years of age. Adult supervision is recommended during assembly and operation, especially for users under the recommended age of 14 years.

- Keep all small parts away from young children.
- Do not ingest any parts of the building set.

- Ensure batteries are inserted correctly and disposed of responsibly.
- Avoid spraying water directly at electrical components or other individuals.

3. Package Contents

Your Reobrix Fire Truck Building Set 22008 includes the following components:

- Approximately 2692 building pieces.
- 1 x Remote Control unit.
- 1 x USB rechargeable power module for the fire truck.
- Detailed instruction manual for assembly.
- Water pump and tank components.
- Various motorized components (drive motor, steering servo-motor, water cannon motors).

4. Assembly Instructions

The Reobrix Fire Truck Building Set 22008 requires detailed assembly. Please refer to the comprehensive printed instruction manual included in your package for step-by-step guidance. Follow each step carefully to ensure correct construction and functionality.

1. **Unpack Components:** Carefully open the package and sort the building pieces. It is recommended to organize pieces by type or color to facilitate assembly.
2. **Follow Manual:** Begin assembly by following the numbered steps in the provided instruction book. Pay close attention to the diagrams and part orientations.
3. **Motor and Wiring Integration:** Integrate the motors and wiring as instructed. Ensure all connections are secure before proceeding.
4. **Water System Assembly:** Assemble the water pump and tank according to the instructions. Ensure all tubing is properly connected to prevent leaks.
5. **Final Checks:** After completing assembly, review all connections and moving parts to ensure they are correctly installed and move freely.



Image 4.1: Various perspectives of the fully assembled Reobrix Fire Truck, showcasing its detailed design.

5. Setup

5.1. Power Module Charging and Installation

- The fire truck's main power source is a USB rechargeable module. Connect the module to a standard USB power adapter (not included) using the provided USB cable.
- Allow the module to fully charge before first use. An indicator light on the module will typically change color or turn off when charging is complete.
- Once charged, install the power module into its designated compartment within the fire truck, ensuring it is securely connected to the internal wiring.

5.2. Remote Control Battery Installation

- The remote control requires 1 x 9V battery (not included).
- Open the battery compartment on the back of the remote control.
- Insert the 9V battery, observing the correct polarity (+/-).

- Close the battery compartment securely.

5.3. Water Tank Filling

- Locate the detachable water tank on the fire truck.
- Carefully remove the tank.
- Fill the tank with clean tap water. Do not overfill.
- Re-attach the water tank securely to the fire truck, ensuring the water pump connection is firm.



Image 5.1: Illustration of the easily detachable water tank for convenient refilling.

6. Operating Instructions

The Reobrix Fire Truck 22008 can be controlled via the included remote control or a dedicated APP (if available and configured). Ensure both the fire truck and remote control are powered on before operation.



Image 6.1: The Reobrix Fire Truck in operation, demonstrating the water spray function and showing the remote control units.

6.1. Driving Controls (Remote Control)

Use the joysticks or directional buttons on the remote control to maneuver the fire truck:

- **Forward/Backward:** Push the designated joystick forward or backward to move the truck.
- **Steering (Left/Right):** Use the steering control to turn the front wheels left or right.

6.2. Water Cannon Operation

The water cannon features multiple functions for realistic firefighting scenarios:

- **Water Spray:** Press the designated button on the remote control to activate the water pump and spray water from the cannon.
- **360° Rotation:** Use the remote control to rotate the water cannon horizontally for wide coverage.
- **Tilt Up/Down:** Adjust the vertical angle of the water cannon to aim at different heights.



Image 6.2: Detailed view of the water-spraying function in action.



Image 6.3: Illustration demonstrating the 360-degree rotation and tilting capabilities of the water cannon.

6.3. Manual Features

The fire truck includes several manually operable features:

- **Cab Doors:** The cab doors can be manually opened and closed to reveal interior details.
- **Toolbox Door:** The right-side toolbox door can be manually opened to access the water tank or other compartments.



Image 6.4: The working cabin doors, which can be opened to view the interior.

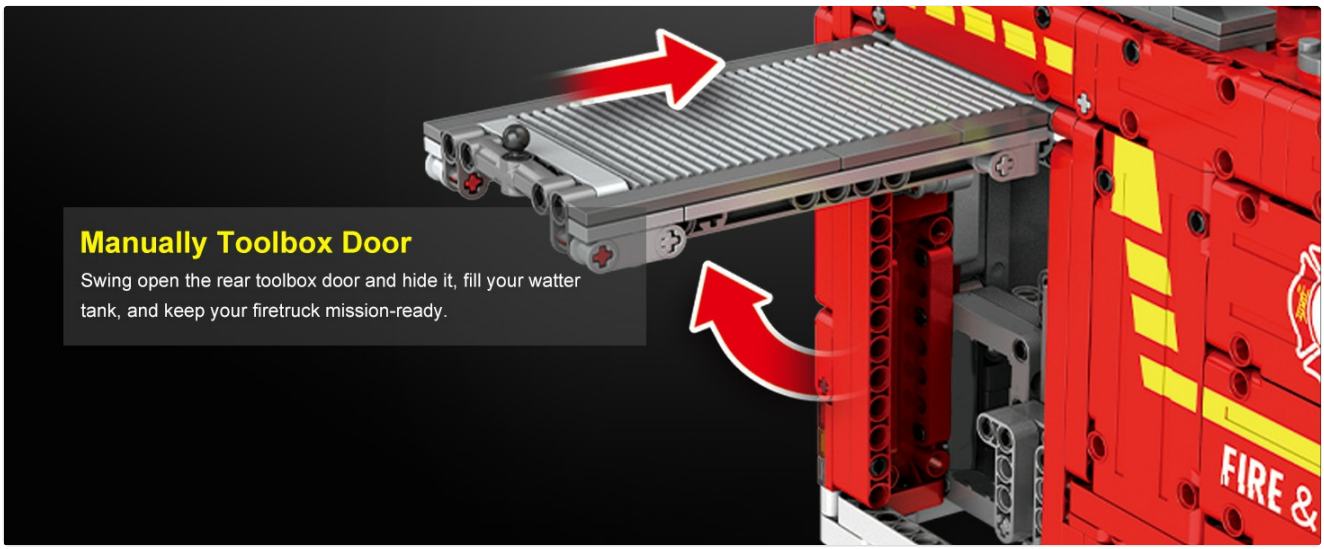


Image 6.5: The manually operable toolbox door, providing access to internal components.

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to wipe down the fire truck. Avoid using harsh chemicals or abrasive materials. For stubborn dirt, a slightly damp cloth can be used, ensuring no water enters electronic components.
- **Water System:** After use, empty the water tank to prevent algae growth or mineral buildup. If the water spray function becomes weak, check for blockages in the nozzle or tubing.
- **Battery Care:** Remove batteries from the remote control if the product will not be used for an extended period. Recharge the main power module periodically if stored for long durations to maintain battery health.
- **Storage:** Store the fire truck in a cool, dry place away from direct sunlight and extreme temperatures.

8. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Fire truck does not move.	• Power module not charged. • Power module not properly installed. • Remote control batteries low or incorrectly inserted. • No connection between remote and truck.	• Charge the power module. • Ensure the power module is securely connected. • Replace remote control batteries; check polarity. • Turn both units off and on again to re-establish connection.
Water spray is weak or non-existent.	• Water tank is empty. • Water pump or nozzle is blocked. • Tubing is kinked or disconnected.	• Refill the water tank. • Check and clear any blockages. • Inspect tubing for kinks or disconnections.
Water cannon does not rotate or tilt.	• Motor connection issue. • Obstruction in movement path.	• Check motor wiring connections. • Ensure no building pieces are obstructing movement.

9. Specifications

- **Model Number:** 22008
- **Brand:** Reobrix
- **Number of Pieces:** Approximately 2692
- **Product Dimensions (Assembled):** Approximately 20.86 inches (Length) x 6.69 inches (Width) x 9.25 inches (Height)
- **Item Weight:** 9.31 pounds
- **Power Source (Truck):** USB Rechargeable Module
- **Power Source (Remote Control):** 1 x 9V Battery (not included)
- **Recommended Age:** 14 years and up



Image 9.1: Diagram illustrating the approximate dimensions of the assembled fire truck.

10. Warranty and Support

Reobrix is committed to providing high-quality products and excellent customer service. If you encounter any issues with your Reobrix Fire Truck Building Set 22008, such as missing parts or functional problems, please contact our dedicated support team.

For assistance, please refer to the contact information provided on the product packaging or the official Reobrix website. Our team is ready to assist you with any questions or concerns.

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