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Reobrix RB22025

Reobrix Technic 22025 RC Dump Truck Building Blocks Set Instruction Manual

Model: RB22025 | Brand: Reobrix

Introduction

This manual provides detailed instructions for the assembly, setup, operation, and maintenance of your Reobrix Technic 22025 RC Dump Truck Building Blocks Set. Please read this manual thoroughly before beginning assembly to ensure correct construction and optimal performance of your model.
The Reobrix Technic 22025 is a remote-controlled dump truck model kit consisting of 1622 pieces. It features functional steering, a self-dumping bucket, and a manually foldable escalator, powered by three motors (1 XL-motor, 1 L-motor, 1 servo motor) for remote control via a 2.4G remote or a mobile application.

Safety Information

- This product contains small parts and is not suitable for children under 14 years of age. Choking hazard.
- Do not swallow any parts.
- Adult supervision is recommended during assembly and operation, especially for younger users.
- Ensure all electrical components are handled carefully and connected according to instructions to prevent damage.
- Keep the model away from water and extreme temperatures.

Package Contents

Before starting assembly, verify that all components are present. The package should contain:

- 1622 building block pieces for the Reobrix Technic 22025 Dump Truck.
- 1 XL-motor.
- 1 L-motor.
- 1 Servo motor.
- 1 2.4G Remote Control unit.
- Detailed instruction manual (this document).
- Required power components (e.g., battery box, receiver - specific details may vary, refer to packaging).



Image: The Reobrix Technic 22025 Dump Truck kit, showing the product box, the assembled dump truck, the remote control, and the various motors and power components included in the set.

Assembly Instructions

The Reobrix Technic 22025 model requires assembly. Follow the step-by-step pictorial instructions provided in the separate assembly guide included in your package. Here are general guidelines:

1. **Unpack and Organize:** Carefully open the package and sort the building blocks by type or color to facilitate assembly.
2. **Follow the Guide:** Refer to the dedicated assembly instruction booklet. Each step is illustrated to guide you through the construction process.
3. **Motor Integration:** Pay close attention when integrating the XL-motor, L-motor, and servo motor into the chassis. Ensure all connections are secure and correctly oriented as per the diagrams.
4. **Test Functionality:** Periodically test movable parts during assembly to ensure they operate smoothly before proceeding to the next section.
5. **Final Checks:** Once assembly is complete, double-check all connections and moving parts for proper alignment

and function.



Image: The fully assembled Reobrix Technic 22025 Dump Truck, showcasing its detailed design and overall dimensions.

Setup: Remote Control and App Pairing

Your Reobrix Technic 22025 can be controlled via the included 2.4G remote control or a dedicated mobile application.

2.4G Remote Control Setup:

1. **Install Batteries:** Insert the required batteries (not included) into the remote control unit and the main power unit of the dump truck. Ensure correct polarity.
2. **Power On:** Turn on the power switch on both the dump truck and the remote control.
3. **Pairing:** The remote control and the dump truck should automatically pair. If not, refer to the specific pairing instructions in the assembly guide, which usually involves holding a button on the remote while powering on the truck.

Mobile App Control Setup:

1. **Download App:** Scan the QR code provided in the assembly guide or on the product packaging to download the official Reobrix control app from your device's app store.
2. **Enable Bluetooth:** Ensure Bluetooth is enabled on your mobile device.
3. **Power On Truck:** Turn on the power switch on the dump truck.
4. **Connect in App:** Open the Reobrix app, select "Connect Device," and choose your RB22025 model from the list of available devices.
5. **Calibration:** Follow any on-screen prompts within the app for initial calibration or control mapping.



Image: The Reobrix Technic 22025 Dump Truck being controlled by both the physical 2.4G remote control and a mobile phone application, illustrating the dual control options.

Operating Instructions

Once your Reobrix Technic 22025 is assembled and paired, you can begin operating it.

Basic Controls (Remote Control / App):

- **Forward/Backward:** Use the designated joystick or buttons to move the dump truck forward or backward.
- **Steering:** Control the front wheels' direction (left/right) using the steering control.
- **Dump Bucket Operation:** Activate the motor to raise and lower the dump bucket. This function allows for realistic loading and unloading.
- **Escalator:** The escalator feature is manually foldable. Adjust it as needed for display or simulated operations.

Refer to the specific control layout diagrams in your assembly guide for precise button functions on the remote control or app interface.



Image: The Reobrix Technic 22025 Dump Truck demonstrating its remote-controlled bucket lifting and dumping capability, with simulated material being discharged.



Image: Detailed views of the Reobrix Technic 22025 Dump Truck, highlighting the remote lifting and tilting of the bucket, simulated rearview mirror, simulated driver's cabin, and simulated car lights.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your Reobrix Technic 22025 Dump Truck.

- **Cleaning:** Use a soft, dry cloth to gently wipe down the model. Avoid using water or chemical cleaners, as they can damage the plastic or electronic components.
- **Storage:** Store the model in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Remove batteries from both the dump truck and the remote control if the model will not be used for an extended period to prevent leakage.
- **Component Check:** Periodically inspect all connections and moving parts for any loose pieces or signs of wear. Re-secure any loose blocks.

Troubleshooting

If you encounter issues with your Reobrix Technic 22025, refer to the following common troubleshooting steps:

- **Model Not Responding:**
  - Check if batteries are correctly installed and charged in both the truck and the remote control.
  - Ensure both the truck and remote control are powered on.
  - Re-attempt the pairing process as described in the "Setup" section.
  - Verify that all motor connections are secure.
- **Motors Not Functioning:**
  - Confirm that the power unit has sufficient battery power.
  - Check for any obstructions preventing motor movement.
  - Ensure motor cables are securely plugged into the control unit.
- **App Connection Issues:**
  - Ensure Bluetooth is active on your mobile device.
  - Restart the app and the dump truck.
  - Try connecting from a closer range to the model.
- **Loose Parts:**
  - Refer to the assembly guide to identify and re-attach any loose building blocks.

If problems persist, please contact Reobrix customer support for further assistance.

Specifications

Feature	Detail
Model Number	RB22025
Brand	Reobrix
Number of Pieces	1622
Control Method	2.4G Remote Control, Mobile App Control
Motors Included	1 XL-motor, 1 L-motor, 1 Servo motor
Material Type	Acrylonitrile Butadiene Styrene (ABS)
Recommended Age	14 years and up
Product Dimensions	49 x 9.98 x 38 cm
Product Weight	3.5 kg
Educational Objectives	Analytical Skill, Color Recognition, Construction Skills, Creative Thinking, Patience Skills

Warranty and Support

Reobrix is committed to providing high-quality products and excellent customer service. While specific warranty details are typically provided with your purchase documentation, general support is available for product inquiries, missing parts, or technical assistance.

For any questions or support needs, please refer to the contact information provided on the product packaging or the official Reobrix website. Please have your model number (RB22025) and proof of purchase ready when contacting support.

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