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› Reobrix Technic 22021 4-in-1 RC Truck Building Blocks Set Instruction Manual

## Reobrix 22021

# Reobrix Technic 22021 4-in-1 RC Truck Building Blocks Set

## INSTRUCTION MANUAL

### 1. Introduction

This manual provides detailed instructions for the assembly, operation, and maintenance of your Reobrix Technic 22021 4-in-1 RC Truck Building Blocks Set. This versatile set allows for the construction of four distinct vehicle modes: a dump truck, a flatbed transport vehicle, a rear bucket lifter, and a car trailer. Designed for enthusiasts aged 14 and up, this 2852-piece set offers an engaging building experience and functional remote control capabilities.

### 2. Safety Information

- **Choking Hazard:** Small parts. Not suitable for children under 3 years.
- **Age Recommendation:** This product is suitable for individuals aged 14 years and up.
- **Ingestion Warning:** Components are not edible and should not be swallowed.
- **Supervision:** Adult supervision is recommended during assembly and operation, especially for younger users.

### 3. Product Overview

The Reobrix Technic 22021 set is a sophisticated building block model featuring a 4-in-1 design. It includes 2852 pieces crafted from eco-friendly ABS materials, ensuring durability and safety. The model is powered by 3 dynamic motors (2 L-motors, 1 servo motor) for remote control functionality via a 2.4G remote or a mobile application. Each configuration offers realistic mechanical functions, providing an immersive experience in engineering and construction.



Image 1: The Reobrix Technic 22021 set, showcasing the primary truck and trailer configuration, along with the remote control and motor components.

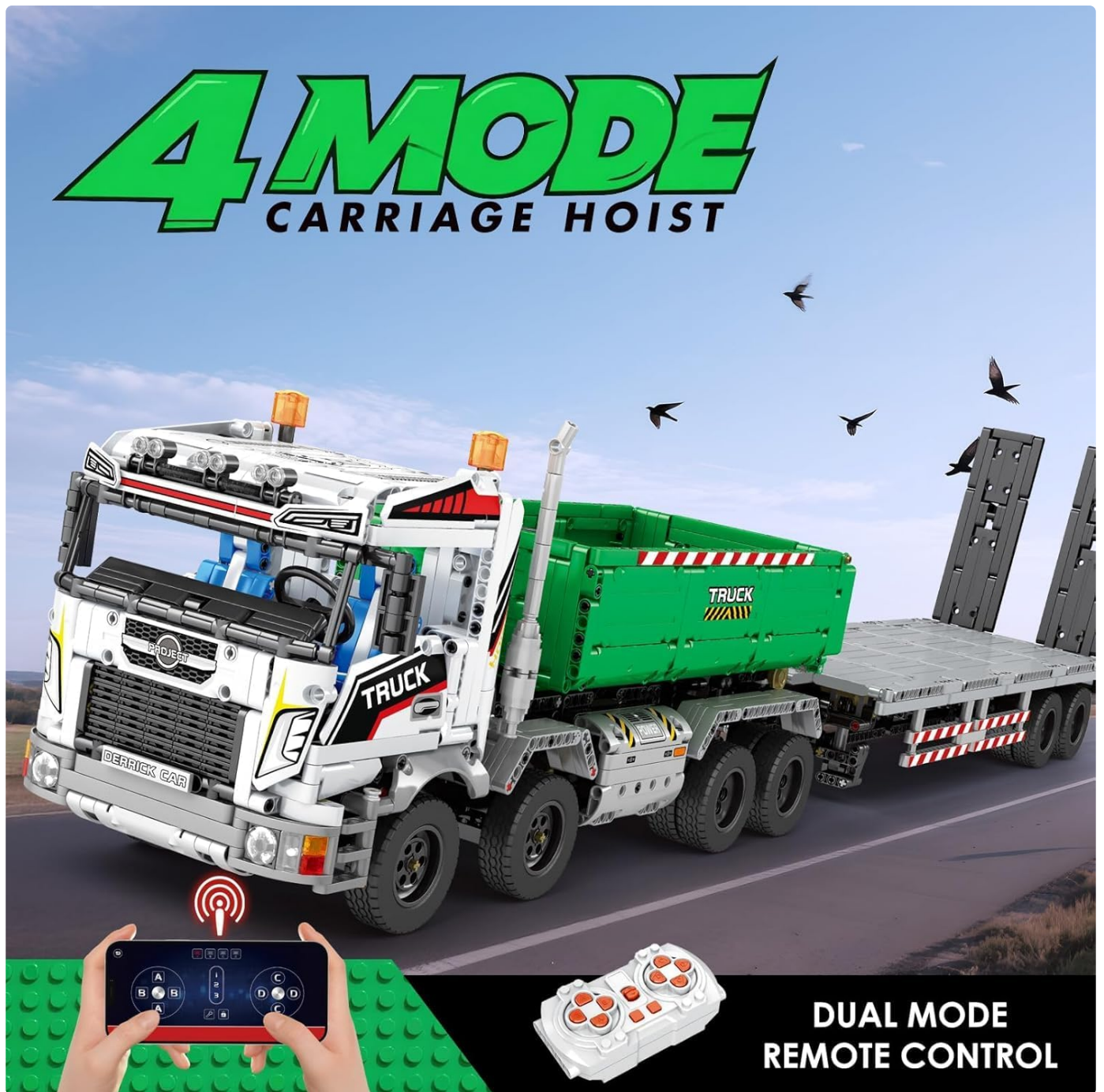


Image 2: The Reobrix Technic 22021 model in a dynamic outdoor setting, highlighting its robust design and remote control capabilities.

## 4. Setup and Assembly

The Reobrix Technic 22021 is a complex building block set with 2852 pieces. Detailed, step-by-step, full-color instructions are included in the product packaging to guide you through the assembly process. It is recommended to sort pieces before beginning construction to ensure a smooth building experience.

### 4.1. Power System Installation

1. Locate the battery box and motors (2 L-motors, 1 servo motor).
2. Install the required batteries into the battery box (batteries are not included).
3. Connect the motors to the designated ports on the battery box as indicated in the assembly manual.
4. Ensure all connections are secure to guarantee proper functionality.

## 5. Operating Instructions

The Reobrix Technic 22021 offers versatile operation through a 2.4G remote control or a dedicated mobile application. Ensure the battery box is powered on and paired with your chosen control method before operation.

### 5.1. Remote Control and App Pairing

1. Turn on the battery box by pressing its power button. A light indicator will confirm it is active.
2. For the 2.4G remote control, ensure it has fresh batteries and power it on. It should automatically pair with the truck.
3. For mobile app control, download the official Reobrix app. Enable Bluetooth on your device and follow the in-app instructions to connect to the truck.

### 5.2. Vehicle Modes and Functions

The set can be configured into four main modes, each with specific functionalities:

#### 5.2.1. Dump Truck Mode

In this configuration, the truck features a tilting car body for unloading materials. Use the remote control or app to activate the motor controlling the tilting mechanism.

01  
MODE

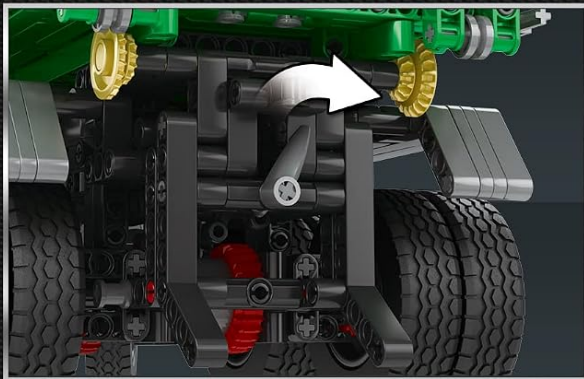


Image 3: The Reobrix Technic 22021 configured as a dump truck, demonstrating the functional tilting bed for material discharge.

### 5.2.2. Flatbed Transport Vehicle Mode

This mode allows for the transport of other models or cargo. The trailer can be detached and reattached. The ramps on the trailer can be lowered for loading and raised for transport.

02  
MODE

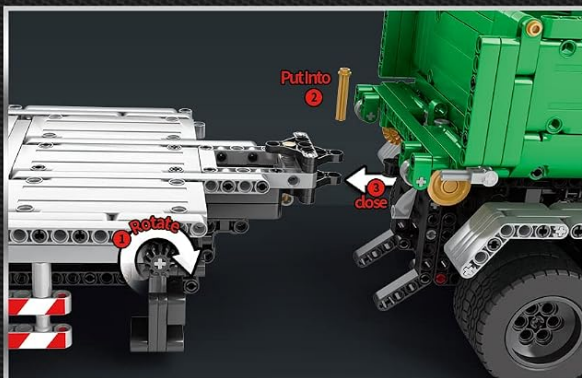


Image 4: The Reobrix Technic 22021 as a flatbed transport vehicle, highlighting the detachable trailer and operational loading ramps.

### 5.2.3. Rear Bucket Lifter Mode

This mode transforms the truck into a vehicle capable of lifting and moving containers or other objects using a rear-mounted bucket mechanism. The bucket's movement is controlled via the remote or app.

### 5.2.4. Car Trailer Mode

Similar to the flatbed, this mode is optimized for towing other vehicles. It features a specialized trailer design for secure car transport.

**03**  
MODE



**04**  
MODE



Image 5: The Reobrix Technic 22021 illustrating both the Rear Bucket Lifter and Car Trailer configurations, demonstrating their distinct functionalities.

### 5.3. General Controls

- **Driving:** Use the directional controls on the remote or app to move the truck forward, backward, left, and right.
- **Functional Movements:** Specific buttons or sliders on the remote/app will control the tilting bed, lifting mechanisms, and retractable feet/ladder depending on the configured mode.
- **Movable Front Wheels:** The front wheels are steerable for precise maneuvering.

## 6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the building blocks. Avoid harsh chemicals or abrasive materials.
- **Storage:** Store the set in a cool, dry place away from direct sunlight to prevent discoloration or warping of plastic.

components.

- **Battery Care:** Remove batteries from the remote control and battery box if the set will not be used for an extended period.
- **Component Check:** Periodically inspect all connections and moving parts for wear or damage. Replace any broken pieces to maintain optimal performance.

## 7. Troubleshooting

- **Motors Not Responding:** Ensure the battery box is turned on and has fresh batteries. Check all motor connections to the battery box. Verify the remote control or app is properly paired.
- **Missing Parts:** In the event of missing pieces, refer to the manufacturer's contact information provided in the packaging for assistance.
- **Difficulty in Movement:** Check for any obstructions in the gears or moving parts. Ensure all axles and pins are correctly inserted and not causing excessive friction.
- **Remote Control Issues:** Replace remote control batteries. Re-pair the remote or app with the truck.

## 8. Specifications

| Feature                      | Detail                                                  |
|------------------------------|---------------------------------------------------------|
| Model Number                 | RB22021                                                 |
| Number of Pieces             | 2950                                                    |
| Material Type                | Acrylonitrile Butadiene Styrene (ABS)                   |
| Assembly Required            | Yes                                                     |
| Batteries Required           | No (for the set itself, but required for motors/remote) |
| Manufacturer Recommended Age | 14 years and up                                         |
| Product Dimensions           | 62.48 x 11.99 x 42.98 cm                                |
| Item Weight                  | 6.5 kg                                                  |



NO.22021



Image 6: The product packaging and a diagram illustrating the dimensions of the assembled Reobrix Technic 22021 model.

## 9. Warranty and Support

Reobrix is committed to customer satisfaction. For any inquiries, technical support, or assistance with missing parts, please refer to the contact information provided in your product packaging or visit the official Reobrix website. Please retain your proof of purchase for warranty claims.

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

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