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## ROKR A01-CAR-LK

# ROKR Electric Vintage Steam Engine Model Kit (Model A01-CAR-LK) Instruction Manual

Brand: ROKR | Model: A01-CAR-LK

## 1. WELCOME

This manual provides detailed instructions for the assembly, operation, and maintenance of your ROKR Electric Vintage Steam Engine Model Kit (Model A01-CAR-LK). Please read this manual thoroughly before beginning assembly to ensure a smooth and enjoyable building experience.

### Safety Information:

Please do not swallow small parts inside the 3D puzzle kit. This product contains small components and is not suitable for young children. Recommended age is 14+.

## 2. PACKAGE CONTENTS

Verify that all components listed below are present in your kit before starting assembly:

- Laser-cut wooden puzzle sheets (469 pieces)
- Illustrated instruction manual
- Screwdriver
- Screws
- Springs
- Rubber tires
- Battery box (requires 2 AAA batteries, not included)
- Micro motor
- Wax block
- Cotton for simulated smoke effect

# Improve hand-eye coordination

Your patience and spatial imagination will be improved during the assembly process.



Figure 2.1: Overview of the ROKR Steam Engine Model Kit components, including wooden sheets, tools, and the main engine body in progress.

The kit includes all necessary tools for assembly, such as a screwdriver and tweezers. The wooden sheets are clearly labeled to assist in identifying pieces.

## 3. ASSEMBLY INSTRUCTIONS

Assembly of the ROKR Electric Vintage Steam Engine Model Kit requires patience and attention to detail. Follow the illustrated manual provided in your kit step-by-step. Do not rush the process.

### General Tips:

- Organize your workspace and keep all pieces sorted by their labeled sheets.
- Carefully detach pieces from the wooden sheets. Use the provided file to smooth any rough edges if

necessary.

- Refer to the 1:1 scale diagrams in the manual for precise placement of components.
- Apply the included wax block to mechanical gears to ensure smooth operation.



Figure 3.1: The completed ROKR Electric Vintage Steam Engine Model Kit, demonstrating the intricate design and functional components.

### Assembly Overview:

The model consists of two main parts: the locomotive body and the trailer. The assembly involves connecting numerous laser-cut wooden pieces to form the detailed structure, including the engine's internal mechanisms, wheels, and the trailer for carrying barrels.

Your browser does not support the video tag.

Video 3.2: An official ROKR video demonstrating the assembly process and key features of the 3D Puzzle Steam Engine Tractor Locomotive Electric Car.

## 4. SETUP

Once assembly is complete, follow these steps to prepare your model for operation:

1. **Battery Installation:** Locate the battery compartment. Insert two (2) AAA batteries (not included) according to the polarity markings.
2. **Connect Wiring:** Ensure all electrical connections for the micro motor and flame atmosphere lamp are securely attached as per the manual.

3. **Simulated Smoke:** Place the provided cotton material into the chimney to simulate smoke effects when the model is operating.

## Electric Drive True-to-life industrial details



Forward/Reverse Switch



Three-speed transmission



Replica Steam Piston Cylinder



Fireplace Lighting Effect

Figure 4.1: Detailed view of the electric drive components and operational features of the ROKR Steam Engine.

## 5. OPERATING INSTRUCTIONS

Your ROKR Steam Engine Model is designed for interactive display and movement. It features an electric drive with multiple functions:

- **Power On/Off:** Locate the power switch, typically near the battery compartment, to activate the model.
- **Direction Control:** The vehicle can travel in both forward and reverse directions. Use the designated switch or lever to change direction.

- **Speed Control:** Manually switch between three gears for speed adjustment (Slow, Park, Fast).
- **Flame Atmosphere Lamp:** The built-in lamp simulates a fireplace lighting effect, enhancing the steam era theme.
- **Simulated Steam:** The cotton in the chimney, combined with lighting, creates a visual smoke effect.
- **Obstacle Crossing:** The front wheels are equipped with an automatic alignment device, allowing the model to cross small obstacles and maintain a straight path.

Your browser does not support the video tag.

Video 5.1: An official ROKR video showcasing the operational features and movement of the steam engine tractor.



Figure 5.2: The ROKR Steam Engine towing its trailer, highlighting the simulated steam and the detailed barrel cargo.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your ROKR Steam Engine Model, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the model with a dry, soft cloth to remove dust. Avoid using water or chemical cleaners, as these can damage the wooden components.
- **Lubrication:** Periodically apply the provided wax block to the mechanical gears to keep them running smoothly and prevent friction.
- **Battery Care:** Remove batteries if the model will not be used for an extended period to prevent leakage and damage.
- **Storage:** Store the model in a dry, cool place away from direct sunlight and extreme temperatures to prevent warping or damage to the wood.

## 7. TROUBLESHOOTING

If you encounter any issues with your ROKR Steam Engine Model, refer to the following common troubleshooting tips:

- **Model Not Moving:**
  - Check if batteries are correctly installed and have sufficient power.
  - Ensure all electrical connections are secure.
  - Verify that gears are properly aligned and lubricated with the wax block.
- **Gears Not Running Smoothly:**
  - Apply more wax to the gears.
  - Check for any obstructions or misaligned pieces.
- **Pieces Not Fitting:**
  - Ensure you are using the correct pieces as indicated in the manual.
  - Gently file down any tight edges on wooden pieces if necessary.

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

## 8. SPECIFICATIONS

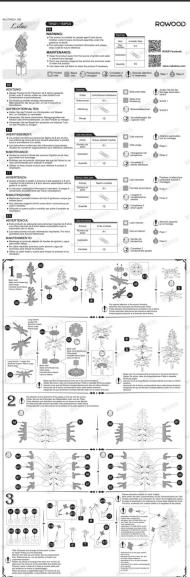
<b>Brand</b>	ROKR
<b>Model Name</b>	A01-CAR-LK
<b>Number of Pieces</b>	469
<b>Assembled Dimensions (L x W x H)</b>	14.1 x 4.7 x 5.7 inches
<b>Material</b>	Wood
<b>Special Feature</b>	Electric Drive
<b>Power Source</b>	2 AAA Batteries (not included)
<b>Recommended Age</b>	Adult (14+)

## 9. WARRANTY AND SUPPORT

ROKR is committed to providing high-quality products and customer satisfaction. For any questions, concerns, or issues regarding your ROKR Electric Vintage Steam Engine Model Kit, please refer to the contact information provided in your product packaging or visit the official ROKR store online.

For more information and other products, visit the [ROKR Store](#).

### Related Documents - A01-CAR-LK

	<p><a href="#">ROKR TW021 Lilac R 3D Wooden Flower Model Assembly Instructions</a></p> <p>Detailed assembly instructions for the ROKR TW021 Lilac R 3D wooden flower model kit. Learn how to build your own beautiful wooden lilac flower with clear, step-by-step guidance from Robotime.</p>
	<p><a href="#">ROKR Marble Night City LGA01 3D Wooden Puzzle Assembly Instructions</a></p> <p>Detailed assembly instructions for the ROKR Marble Night City LGA01 3D Wooden Puzzle. Learn how to build this intricate mechanical model step-by-step, including parts list, tools, and troubleshooting.</p>
	<p><a href="#">ROKR LK503 Owl Clock 3D Wooden Puzzle Mechanical Model Assembly Instructions</a></p> <p>Detailed assembly instructions for the ROKR LK503 Owl Clock, a 3D wooden mechanical puzzle. Learn how to build this intricate clock model with step-by-step guidance, parts list, and troubleshooting tips.</p>
	<p><a href="#">ROKR Grand Prix Car MC401 Assembly Instructions</a></p> <p>Detailed assembly instructions for the ROKR Grand Prix Car MC401 scale model vehicle, including warnings and maintenance tips. Follow step-by-step guidance to build your own vintage race car model.</p>
	<p><a href="#">ROKR Magic Cello Mechanical Music Box AMK63 - Assembly and Product Information</a></p> <p>Detailed information about the ROKR Magic Cello, a mechanical music box model AMK63. Includes product features, materials, manufacturer details, and assembly guidance.</p>
	<p><a href="#">ROKR Marble Night City LGA01 3D Wooden Puzzle Assembly Instructions</a></p> <p>Detailed assembly instructions for the ROKR Marble Night City LGA01, a 3D wooden mechanical puzzle. Learn how to build your own intricate marble run with step-by-step guidance.</p>