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## UGEARS ug70204

# UGEARS Tracked Off-Road Vehicle: Assembly and Operation Manual

Model: ug70204

## INTRODUCTION

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Welcome to the UGEARS Tracked Off-Road Vehicle assembly and operation manual. This document provides detailed instructions for building and enjoying your 3D wooden model kit. Please read all instructions carefully before beginning assembly.

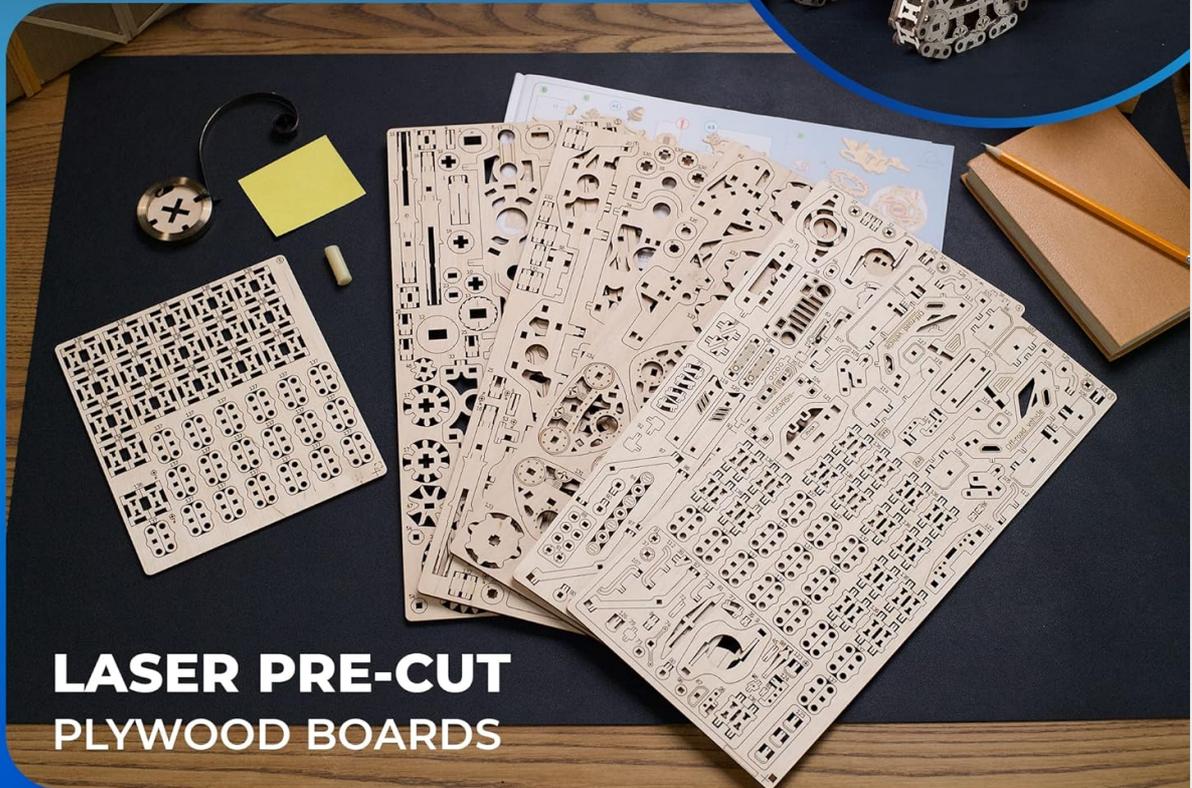
## COMPONENTS

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Your UGEARS Tracked Off-Road Vehicle kit includes all necessary components for assembly:

- Plywood boards with pre-cut pieces
- Rubber bands
- Fishing line
- Paraffin wax
- Sandpaper

**ILLUSTRATED  
INSTRUCTIONS IN  
11 LANGUAGES**



**LASER PRE-CUT  
PLYWOOD BOARDS**

**EVERYTHING IN THE BOX**

Image: All components included in the UGEARS Tracked Off-Road Vehicle kit.

## **ASSEMBLY INSTRUCTIONS**

### **Assembly Overview**

The UGEARS Tracked Off-Road Vehicle kit contains 423 pieces and has an estimated assembly time of approximately 8 hours. No glue or special tools are required for assembly, making it a hands-on and engaging project.

Follow the step-by-step instructions provided in the manual, which includes illustrations and is available in 11 languages for clear guidance.

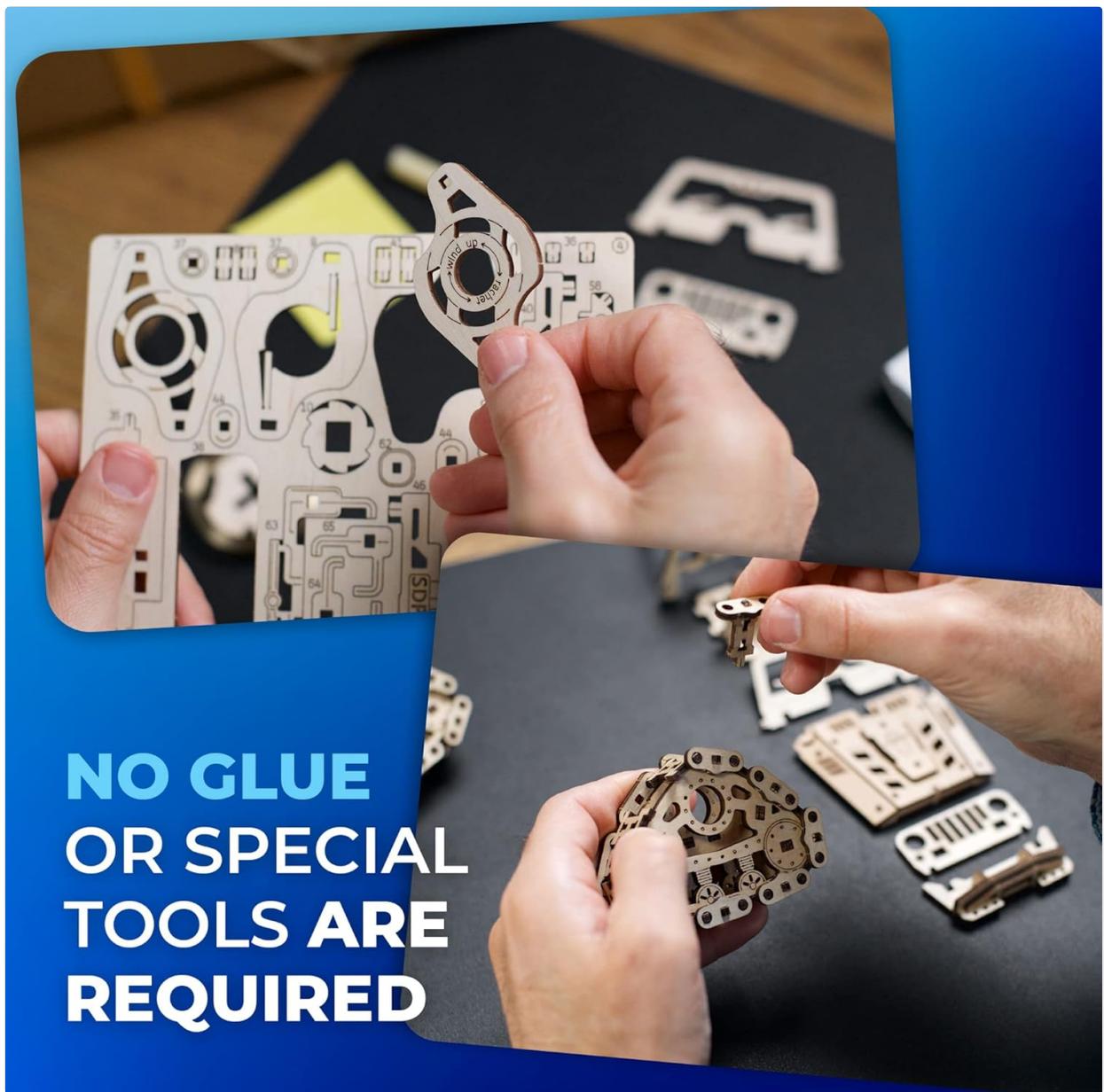


Image: Assembly requires no glue or special tools.

### Key Assembly Tips

- **Detaching Pieces:** Carefully detach all pieces from the plywood boards. Use a gentle pushing motion to avoid breakage.
- **Smoothing Edges:** Use the provided sandpaper to smooth any rough edges on the pieces. This ensures a better fit and smoother operation.
- **Following Instructions:** Follow the numbered steps precisely as illustrated in the manual to ensure correct functionality and structural integrity.
- **Lubrication:** Apply paraffin wax to moving parts as indicated in the detailed instructions. This is crucial for smooth gear movement and overall vehicle performance.

# TRACKED OFF-ROAD VEHICLE

MODEL KIT



**ASSEMBLE ME.**  
GET READY TO CONQUER ANY TERRAIN!

Image: Detailed assembly of the wooden model kit.

## PRODUCT FEATURES

The UGEARS Tracked Off-Road Vehicle is a sophisticated 3D wooden model with several unique features:

- **Tracked Modules:** Equipped with four tracked modules instead of traditional wheels, enabling superior maneuverability and cross-country ability over various terrains.
- **Spring Motor:** Features a powerful spring motor that drives the vehicle, allowing it to travel distances of 3-4 meters.
- **Two Driving Modes:** Offers two distinct driving modes for versatile operation.
- **Openable Hood with Engine:** The hood can be opened to reveal a detailed, functional engine mechanism.



Image: The vehicle features tracked modules for enhanced off-road capability.



Image: The Tracked Off-Road Vehicle features a unique four-wheel drive system with tracked modules, allowing it to overcome various obstacles.

## OPERATING THE VEHICLE

To operate your UGEARS Tracked Off-Road Vehicle, follow these steps:

1. **Wind the Motor:** Locate the winding mechanism (typically on the side or rear of the vehicle). Turn it clockwise until you feel resistance, indicating the spring is fully wound.
2. **Select Driving Mode:** If your model has multiple driving modes, select your desired mode using the designated lever or switch.
3. **Place on Surface:** Place the vehicle on a flat, smooth surface. For optimal performance, ensure the surface is free of debris.
4. **Release Mechanism:** Gently release the safety catch or lever to engage the spring motor. The vehicle will then move forward.



Image: The vehicle features a spring motor and two driving modes.

Video: Tracked Off-Road Vehicle in action, demonstrating its movement and features.

## CARE AND MAINTENANCE

Proper care will ensure the longevity and optimal performance of your UGEARS model:

- **Storage:** Store the model in a dry environment, away from direct sunlight and extreme temperature fluctuations, to prevent wood warping or damage.
- **Cleaning:** Clean the model with a soft, dry cloth. Do not use water, chemical cleaners, or abrasive materials, as these can damage the wood.
- **Lubrication:** Periodically check all moving parts, especially gears and axles. If you notice increased friction or stiffness, apply a small amount of paraffin wax to the contact points.
- **Handling:** Handle the model gently, especially delicate parts, to avoid accidental breakage.

## TROUBLESHOOTING

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If you encounter any issues with your UGEARS Tracked Off-Road Vehicle, consider the following solutions:

- **Model not moving smoothly:**
  - Ensure all gears and moving parts are properly aligned according to the instructions.
  - Verify that all contact points have been adequately lubricated with paraffin wax.
  - Check for any small debris or loose pieces obstructing the movement of gears or tracks.
- **Pieces breaking during assembly:**
  - Handle pieces gently when detaching them from the plywood boards. If a piece breaks, use the extra parts provided in the kit.
  - If you run out of spare parts or need specific replacements, contact UGEARS customer support.
- **Difficulty detaching pieces from boards:**
  - Use the provided tool or a small, flat object to carefully push out pieces. Avoid forcing them, as this can cause damage.
- **Spring motor not winding or releasing:**
  - Double-check the assembly of the spring mechanism and ensure all connections are secure.
  - Make sure the winding key is fully engaged and turning the spring correctly.

## PRODUCT SPECIFICATIONS

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<b>Product Dimensions</b>	9.45 x 4.72 x 5.12 inches
<b>Item Weight</b>	14.1 ounces
<b>Item Model Number</b>	ug70204
<b>Manufacturer Recommended Age</b>	14 years and up
<b>Number of Pieces</b>	423
<b>Estimated Assembly Time</b>	8 hours
<b>Material</b>	Plywood

## WARRANTY AND SUPPORT

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UGEARS is committed to providing high-quality mechanical models. For any inquiries regarding missing parts, manufacturing defects, or assembly assistance, please contact UGEARS customer support directly.

Please visit the official UGEARS website for the most up-to-date warranty information and contact details.

