Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

UGEARS UGR-T

UGEARS Classic Model Car UGR-T 3D Puzzle Instruction Manual

Model: UGR-T

Introduction

This manual provides detailed instructions for the assembly, operation, and maintenance of your UGEARS Classic Model Car UGR-T 3D Puzzle. Please read all instructions carefully before beginning assembly to ensure a successful and enjoyable experience. This model is a mechanical wooden puzzle designed for assembly without glue, featuring a functional 4-cylinder engine and a folding roof.

Package Contents

Verify that all components are present in your kit:

- Plywood boards with pre-cut parts
- Metal spring
- Rubber bands
- Piece of fabric (for the roof)
- Paraffin wax
- Sandpaper
- Detailed instruction booklet

If any parts are missing or damaged, please contact UGEARS customer support.

Safety Information

- **Recommended Age:** This model is recommended for individuals 14 years and up.
- **Small Parts:** The kit contains small parts which may pose a choking hazard. Keep out of reach of small children.
- **Sharp Edges:** Exercise caution when removing parts from the plywood boards, as some edges may be sharp. Use the provided sandpaper to smooth any rough edges.
- **Wax Application:** Use paraffin wax as instructed to lubricate moving parts. Do not ingest wax.
- **Assembly Environment:** Assemble in a well-lit, clean, and organized workspace to prevent loss of small parts.

Assembly Instructions

Follow the step-by-step instructions provided in the included instruction booklet. The assembly process typically takes 7+ hours.

1. **Preparation:**
    - Carefully remove parts from the plywood boards. Use a hobby knife if necessary for intricate pieces.
    - Smooth any rough edges with the provided sandpaper.
    - Identify all parts before assembly of each section.
2. **Lubrication:**
    - Apply paraffin wax to all gears, axles, and moving connections as indicated in the instruction booklet. Proper lubrication is crucial for smooth operation.
3. **Step-by-Step Assembly:**
    - Adhere strictly to the sequence outlined in the instruction booklet.
    - Ensure all connections are snug but not forced. Forcing parts can cause damage.
    - Pay close attention to the orientation of gears and other mechanical components.
4. **Roof Assembly:**
    - The fabric roof is designed to fold. Follow the specific instructions for attaching and operating the folding mechanism.



Image: The fully assembled UGEARS Classic Model Car UGR-T, showcasing its intricate wooden design and folding roof.



Image: The UGEARS Classic Model Car UGR-T with its soft roof folded down, demonstrating the functional design.

Operating Instructions

The UGEARS Classic Model Car UGR-T is powered by a spring-wound motor.

1. **Winding the Motor:**
    - Locate the built-in ratchet key for winding the spring-powered motor.
    - Turn the key to wind the spring. Do not over-wind, as this can damage the mechanism.
2. **Starting the Car:**
    - Place the assembled model on a flat, smooth surface.
    - Hold the car with one hand and press the "start" lever or button (refer to your specific instruction booklet for exact location).
    - Release the car and observe its movement.
3. **Steering:**

- The steering wheel is part of the detailed design. To adjust the direction of the front wheels, gently position them manually. **Do not use the steering wheel to force the front wheels to turn, as this can cause damage to the steering column mechanism.**

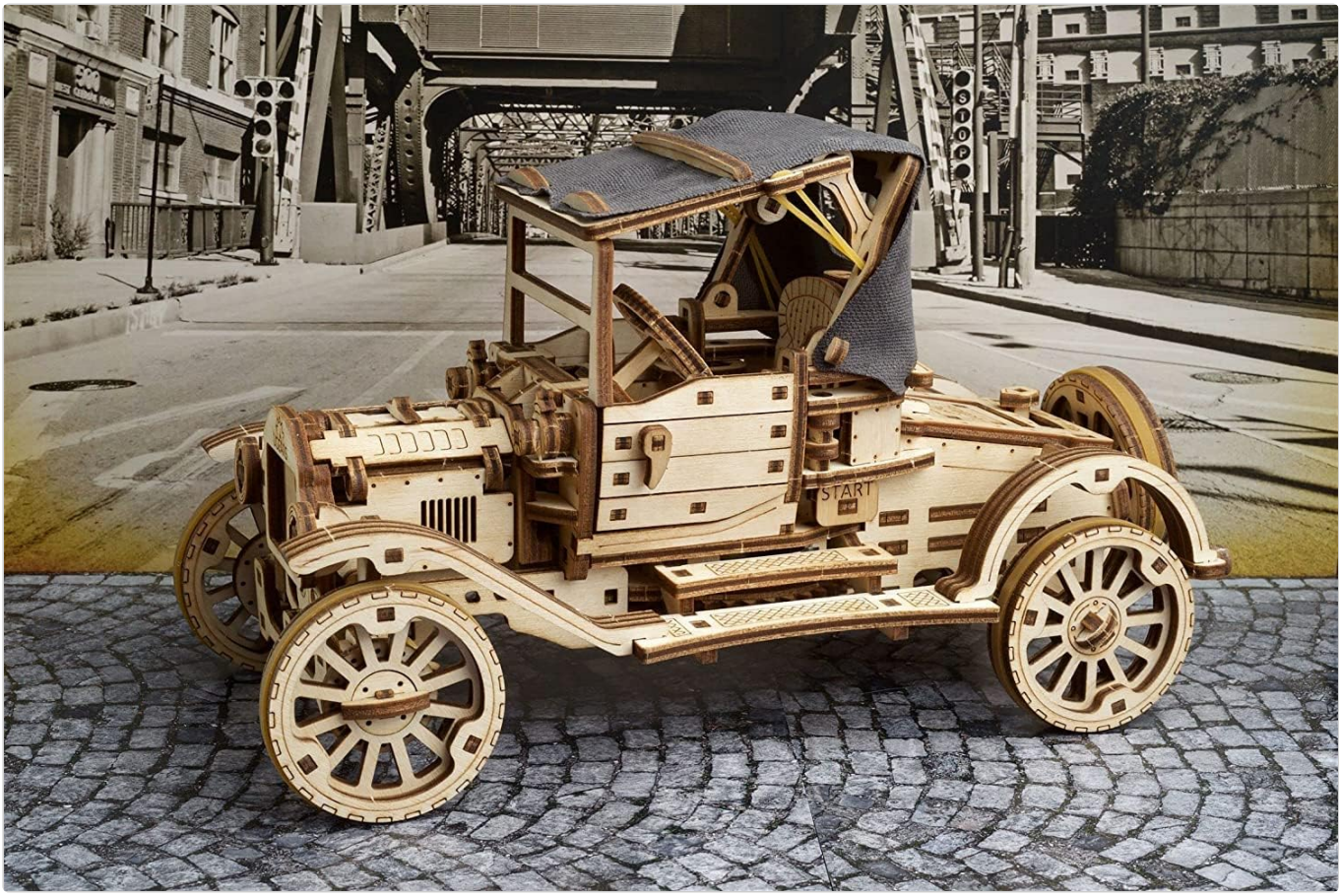

Image: A person demonstrating how to wind the spring mechanism of the UGEARS Classic Model Car UGR-T.

▶ **Watch video online**
Retro Car eng

Video: An official UGEARS video demonstrating the assembly and operation of the Retro Car UGR-T model.

Maintenance

- **Cleaning:** Dust the model regularly with a soft, dry cloth. Avoid using water or cleaning solutions, as they can damage the wood.
- **Lubrication:** If the mechanism becomes stiff over time, reapply paraffin wax to the moving parts as needed.
- **Storage:** Store the model in a dry environment away from direct sunlight and extreme temperature fluctuations to prevent warping or damage to the wood.

Troubleshooting

Problem	Possible Cause	Solution
Parts do not fit together easily.	Rough edges or incorrect orientation.	Gently sand rough edges with sandpaper. Verify part orientation against the instruction booklet. Do not force parts.

Problem	Possible Cause	Solution
Mechanism is stiff or does not move smoothly.	Insufficient lubrication or misaligned gears.	Ensure all gears and moving parts are adequately lubricated with paraffin wax. Check for any misaligned or jammed components.
Car does not move after winding.	Spring not fully wound, start lever not engaged, or internal mechanism obstruction.	Ensure the spring is fully wound (without over-winding). Confirm the start lever is correctly pressed. Inspect the internal gears for any obstructions or dislodged parts.
Steering column breaks when turning wheels.	Attempting to force the steering wheel to turn the front wheels.	The steering wheel is primarily for aesthetic detail. To change direction, manually adjust the front wheels. Avoid applying force to the steering wheel.

Specifications

- **Model:** UGR-T
- **Product Dimensions:** 10.4 x 6.69 x 0.04 inches (assembled model dimensions may vary slightly)
- **Item Weight:** 1.56 pounds
- **Manufacturer:** UGEARS
- **Recommended Age:** 14 years and up
- **Assembly Time:** Approximately 7+ hours
- **Material:** Plywood

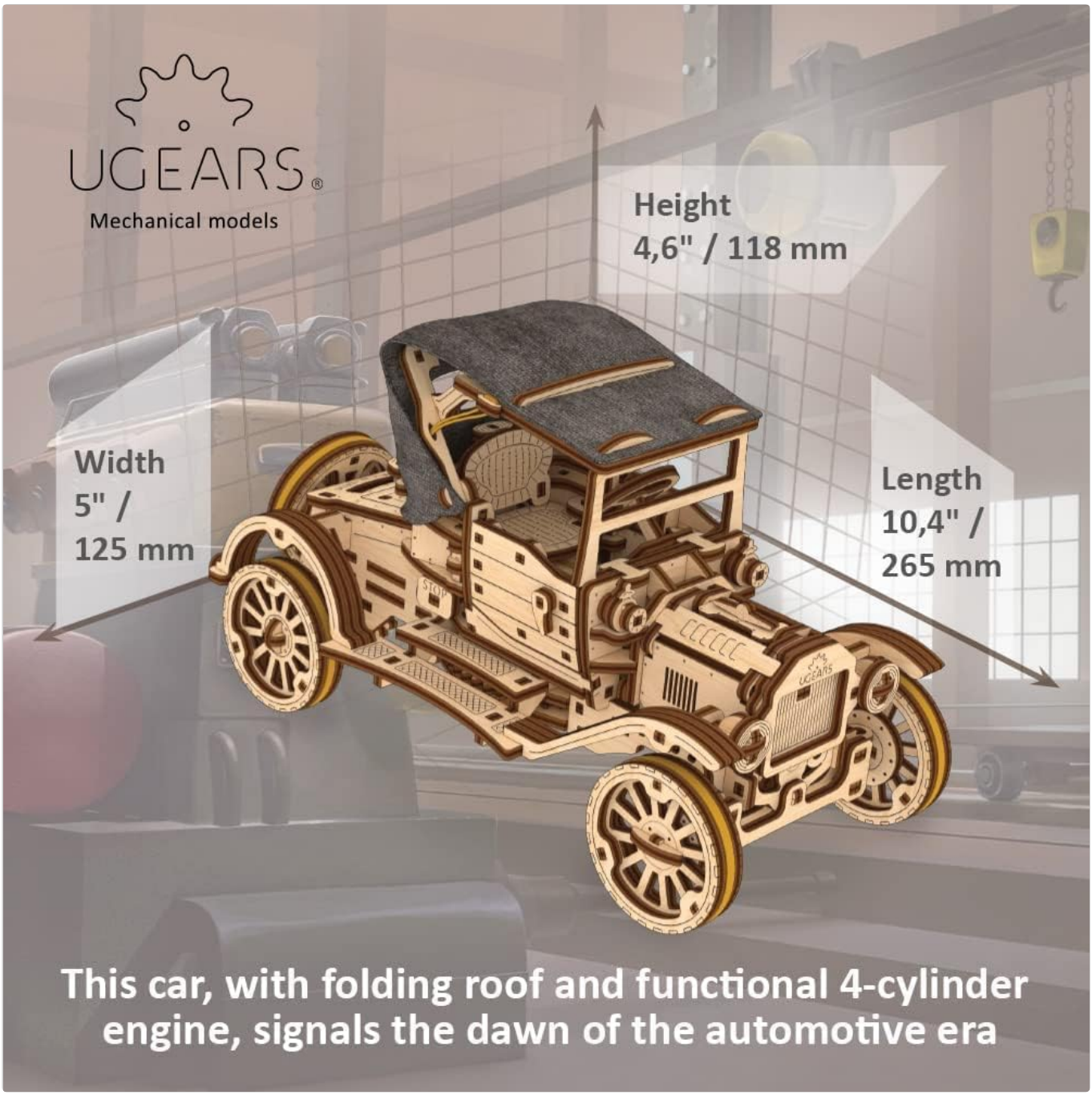

Image: Diagram showing the approximate dimensions (height, width, length) of the UGEARS Classic Model Car UGR-T.

Warranty and Support

UGEARS products are designed for quality and precision. If you encounter any issues with your model or require assistance, please contact UGEARS customer support.
For support, visit the official UGEARS website or refer to the contact information provided in your product packaging. Please have your model number (UGR-T) and proof of purchase ready when contacting support.
You can also visit the UGEARS Store on Amazon for more information and products.

© 2023 UGEARS. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

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

Submit question

Open the live page

https://manuals.plus/asin/B0B4BVYBBW

More documents and user manuals: **https://manuals.plus/**