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Wood Trick Hot Rod

Wood Trick Hot Rod Wooden Model Car Kit Instruction Manual

Model: Hot Rod

Brand: Wood Trick

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1. Introduction

This instruction manual provides comprehensive guidance for the assembly and operation of your Wood Trick Hot Rod Wooden Model Car Kit. This detailed 3D wooden puzzle is designed to offer an engaging building experience, culminating in a functional mechanical model. Please read all instructions carefully before beginning assembly.



Image 1: The assembled Wood Trick Hot Rod model car.

2. Safety Information

- Keep all small parts, especially toothpicks, out of reach of small children to prevent choking hazards.
- Exercise caution when detaching and handling wooden pieces to avoid splinters.
- Do not force pieces together during assembly. If a piece does not fit easily, re-check the instructions or gently sand the connection points.
- This product is intended for adult assembly.

3. Package Contents

Your Wood Trick Hot Rod kit includes the following items:

- Laser-cut wooden sheets containing 260 individual pieces.
- Illustrated step-by-step assembly instructions.
- A set of toothpicks for connecting various components.
- Rubber bands essential for the model's mechanical functions.



Image 2: The Wood Trick Hot Rod kit box and its contents, including wooden sheets and instructions.

4. Setup & Assembly

The Wood Trick Hot Rod model is designed for assembly without the need for glue or specialized tools. Follow the included illustrated step-by-step guide carefully for best results.

4.1. Preparation

- Ensure you have a clean, well-lit, and flat workspace.
- Carefully detach all wooden pieces from their sheets. Use a small knife or craft tool if necessary to ensure clean breaks, but avoid excessive force.
- Identify each piece using the numbering provided in the instruction manual.

4.2. Assembly Steps

- Follow the visual diagrams in the provided instruction booklet page by page. Each step is clearly illustrated to guide you through the process.
- Use the provided toothpicks to connect pieces as indicated. Some toothpick connections may require gentle sanding of the toothpick ends for a smoother fit.
- Pay close attention to the orientation of similar-looking pieces to ensure correct assembly. Incorrect orientation can prevent proper function.
- Install the rubber bands as shown in the instructions to enable the mechanical functions of the car.

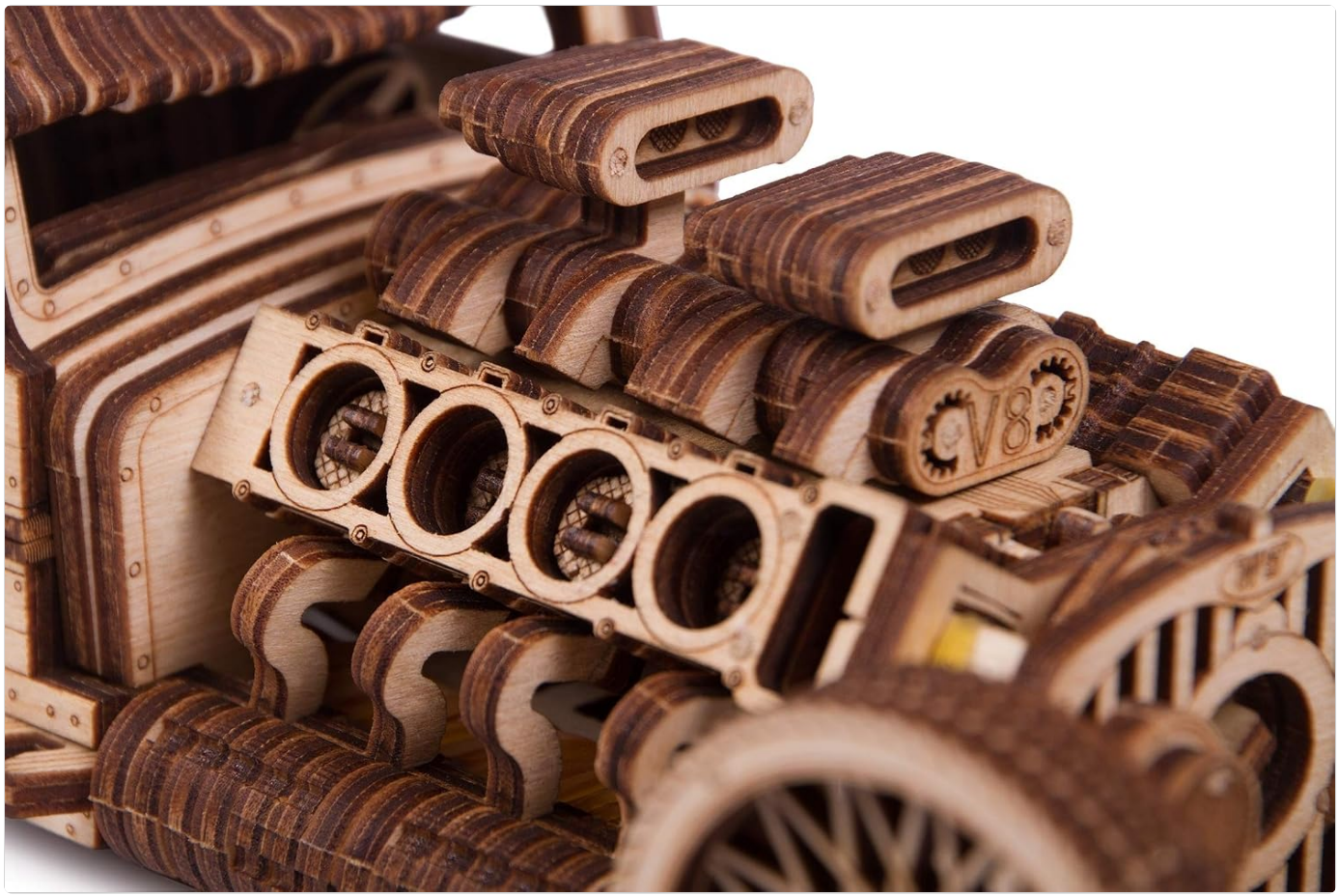


Image 3: Detailed side view of the assembled Hot Rod, highlighting the intricate design and open door.

Video 1: An overview of the Wood Trick Hot Rod Model Car Kit, demonstrating its features and the assembly process.

5. Operating Instructions

Once fully assembled, your Hot Rod model features a functional V8 engine and a wind-up mechanism for movement.

5.1. Winding the Mechanism

- Locate the winding key, which is typically shaped like a wrench and included with the kit.
- Insert the key into the designated winding slot, usually found at the front or rear of the car.
- Turn the key clockwise to wind the internal rubber band mechanism. Wind until you feel slight resistance, but do not over-wind, as this can damage the mechanism.

5.2. Starting and Stopping

- The model includes a 'START' and 'STOP' lever on the top of the cabin.
- To initiate movement, slide the lever to the 'START' position.
- To halt the car, slide the lever to the 'STOP' position.

5.3. Movement and Features

- The car is designed to move up to 32 feet straight ahead on a flat surface when fully wound.
- Observe the detailed V8 engine cylinders, which move realistically as the wheels turn, adding to the model's mechanical appeal.

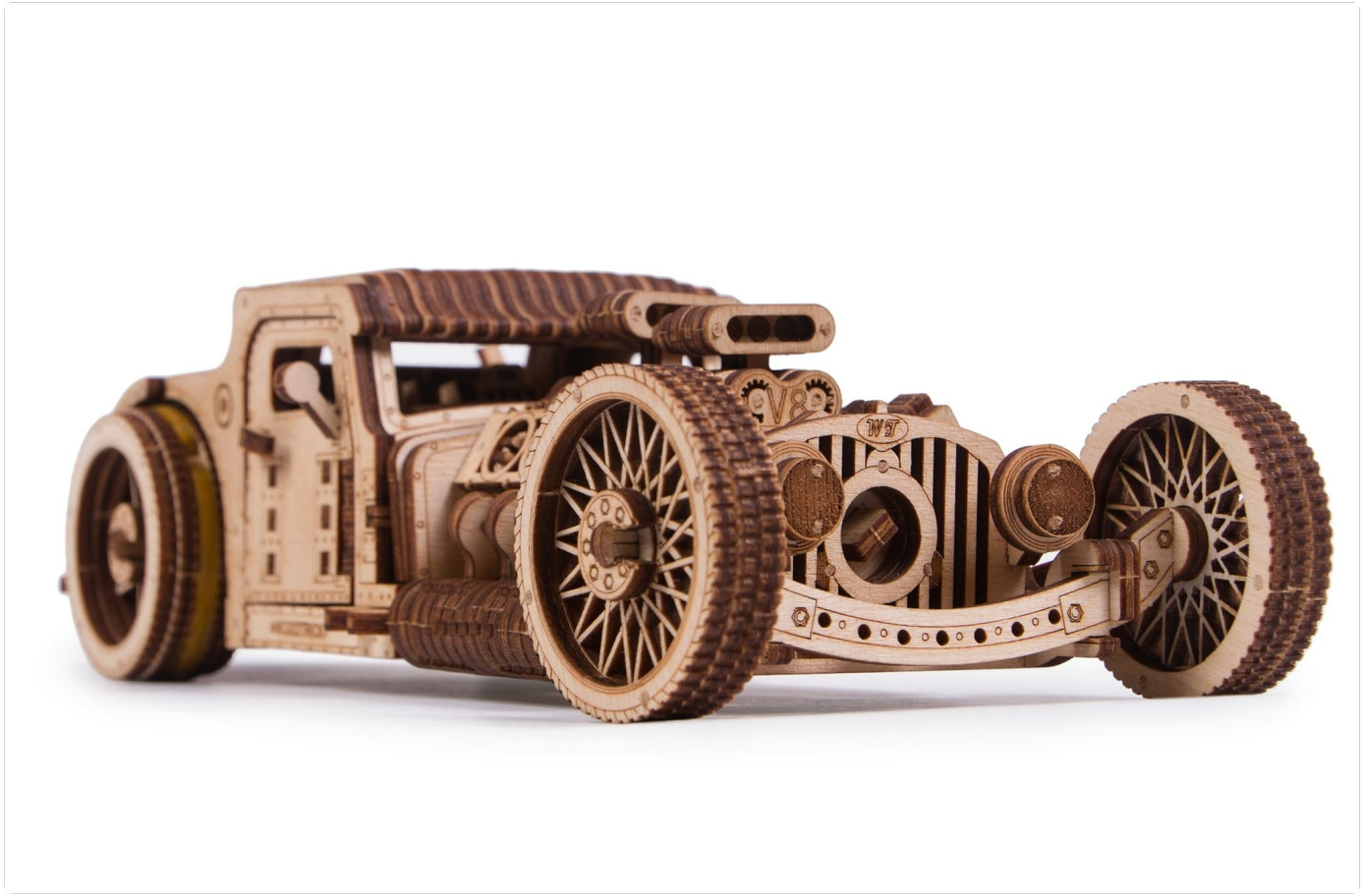


Image 4: The Hot Rod model in motion, showcasing its ability to ride forward.



Image 5: Close-up of the detailed V8 engine, a key mechanical feature of the model.

6. Maintenance

Proper care will ensure the longevity and functionality of your wooden model.

6.1. Cleaning

- Wipe the model gently with a dry, soft cloth to remove dust.
- Avoid using water, chemical cleaners, or abrasive materials, as these can damage the natural wood finish and delicate components.

6.2. Storage

- Store the model in a dry environment, away from direct sunlight and extreme temperature fluctuations. This helps prevent warping, cracking, or degradation of the wood.
- Keep the model in a stable location where it is unlikely to be knocked over or damaged.

7. Troubleshooting

If you encounter any issues with your Wood Trick Hot Rod model, refer to the following common solutions:

7.1. Car Does Not Move After Winding

- **Check the Start/Stop Lever:** Ensure the lever on the cabin roof is fully slid to the 'START' position.
- **Verify Rubber Band Installation:** Inspect the internal rubber bands to confirm they are correctly installed, not tangled, and have sufficient tension.
- **Gear Alignment:** Gently check if all gears are properly aligned and rotate freely without obstruction. Misaligned gears can prevent movement.

7.2. Pieces Are Difficult to Fit

- **Gentle Sanding:** If a toothpick or wooden tab is too tight, gently sand the edges or the toothpick end with fine-grit sandpaper until it fits snugly but without excessive force.
- **Correct Orientation:** Double-check the instruction diagrams to ensure the pieces are oriented correctly before attempting to join them.

7.3. Pieces Break During Assembly

- **Use Spare Parts:** The kit may include a few extra small pieces. Refer to the parts diagram to identify and replace broken components if a spare is available.
- **Contact Support:** For significant breakages or missing critical parts, contact Wood Trick customer support for assistance.

8. Specifications

Feature	Detail
Model Name	Hot Rod
Brand	Wood Trick
Material	Natural Wood
Number of Pieces	260
Assembled Dimensions (L x W x H)	10.43 x 2.76 x 4.14 inches

Movement Range	Up to 32 feet
Approximate Assembly Time	4 hours
Operation Mode	Manual, Wind-up
Age Recommendation	Adult



Image 6: Rear view of the Hot Rod model with key dimensions highlighted.

9. Warranty & Support

Wood Trick is committed to providing high-quality products and customer satisfaction. While specific warranty details are not provided in this manual, for any questions, missing parts, or support regarding your Wood Trick Hot Rod model, please contact Wood Trick customer service directly. Refer to the product packaging or the official Wood Trick website for the most current contact information.

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