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ROBOTIME MC801 & MC401

ROBOTIME Vintage Car MC801 & MC401 Assembly and Operating Manual

Brand: ROBOTIME | Models: MC801, MC401

1. INTRODUCTION

This instruction manual provides detailed guidance for assembling your ROBOTIME Vintage Car MC801 and MC401 3D wooden puzzle models. These kits offer an engaging and rewarding building experience, resulting in intricate scale models of classic vehicles. Please read all instructions carefully before beginning assembly.

2. SETUP AND ASSEMBLY

Before you begin, ensure you have a clean, well-lit workspace. It is recommended to have an exacto knife or a small craft knife readily available for detaching pieces from the wooden sheets. Handle all wooden components with care as some parts are delicate.

2.1 Unboxing and Part Identification

Carefully unbox your ROBOTIME Vintage Car kit. You will find several laser-cut wooden sheets containing all the necessary components. Each part is numbered and corresponds to the assembly diagrams in your instruction booklet. Familiarize yourself with the layout of the parts on the sheets.



Figure 1: Example of laser-cut wooden sheets with numbered parts for assembly.

2.2 Detaching Pieces

Gently push out each piece from its wooden frame. For intricate or small parts, use an exacto knife to carefully cut the small connecting points to prevent damage. Avoid forcing pieces, as this may cause them to break or splinter. Note that some kits may include extra small parts; do not discard any pieces until assembly is complete.

2.3 Following Instructions

The provided instruction booklet contains clear, step-by-step diagrams. Each step illustrates which parts are needed and how they connect. Pay close attention to the orientation of pieces and any specific symbols or color codes used in the diagrams, which typically highlight the current step or important connection points. Ensure pages are not stuck together to avoid missing steps.

Video 1: Assembly overview for the ROBOTIME 3D Puzzle Model Car Kit MC801, demonstrating the intricate process.

Video 2: Detailed look at the ROKR wood car model MC assembly, highlighting key features and construction steps.

3. OPERATING YOUR MODELS

Once fully assembled, your ROBOTIME Vintage Car models are designed to be both display pieces and interactive toys. Both the MC801 and MC401 models feature functional elements.

3.1 Functional Features

- **Rolling Wheels:** All wheels on both models are designed to roll smoothly, allowing for movement across flat surfaces.
- **Steering Mechanism (MC801):** The MC801 model may include a steerable front axle, allowing the front wheels to turn.
- **Engine Details:** Both models feature intricate engine details, showcasing the internal mechanics of classic cars.
- **Opening Doors/Hood (MC801):** The MC801 model may have functional doors or a hood that can be opened to reveal interior details.

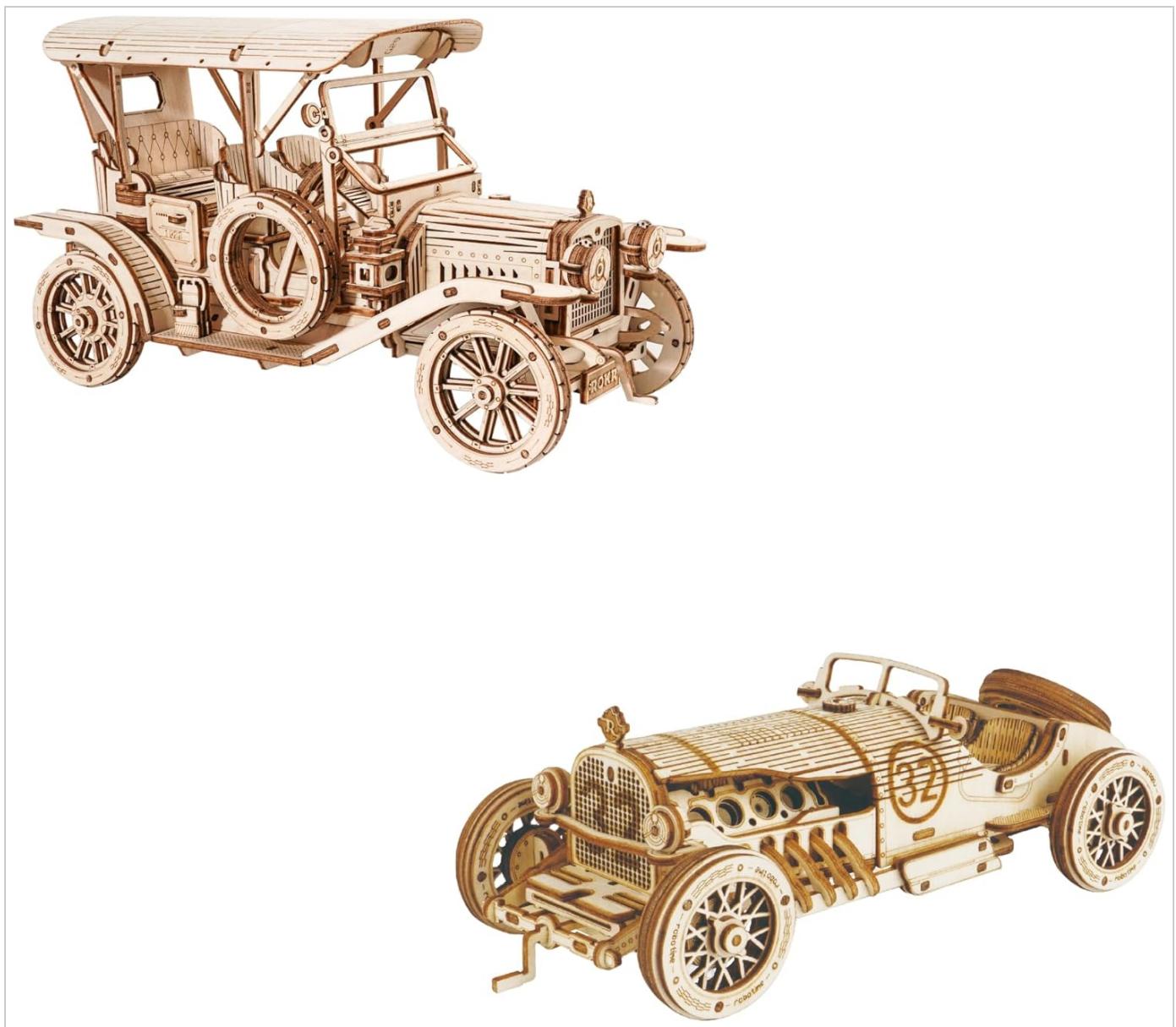


Figure 2: The fully assembled ROBOTIME Vintage Car models, MC801 (top) and MC401 (bottom).

4. MAINTENANCE

To ensure the longevity and appearance of your wooden models, follow these simple maintenance guidelines:

- Dusting:** Regularly dust the models with a soft, dry cloth or a soft-bristled brush to prevent dust buildup in intricate areas.
- Avoid Moisture:** Keep the models away from water and high humidity, as moisture can cause the wood to warp or swell.
- Avoid Direct Sunlight:** Prolonged exposure to direct sunlight can fade the wood and potentially weaken the adhesive (if any was used).
- Gentle Handling:** While durable, these are models. Avoid dropping them or applying excessive force to moving parts.

5. TROUBLESHOOTING

If you encounter any issues during assembly or operation, consider the following:

- Broken Piece:** If a small, delicate piece breaks during removal or assembly, use a small amount of wood glue to repair it. The kit may also contain extra pieces for common fragile components.
- Parts Not Fitting:** Ensure you are using the correct part number as indicated in the instructions. Sometimes, a gentle sanding with fine-grit sandpaper can help if a piece is slightly too tight. Do not force parts together.
- Missing a Step:** Double-check the instruction booklet, paying close attention to the diagrams and part numbers for each step.
- Moving Parts Sticking:** Ensure all connections are clean and free of debris. A small amount of wax (not included) can be applied to gears or moving joints to reduce friction.

6. SPECIFICATIONS

Feature	Detail
Brand	ROBOTIME
Models Included	MC801, MC401
Material	Wood (Laser-cut)
Assembly Type	Self-assembly, no glue needed (unless for repairs)
Recommended Age	Typically 14+ (refer to product packaging for exact age recommendation)

7. WARRANTY AND SUPPORT

For any questions, missing parts, or support regarding your ROBOTIME Vintage Car models, please contact ROBOTIME customer service directly. Refer to the product packaging or the official ROBOTIME website for contact information and warranty details.



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