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## ROBOTIME TG507 & TG504

# ROBOTIME 3D Wooden Puzzle DIY Model Kit Instruction Manual

Models: TG507 (Big Ben) & TG504 (Vintage Car)

## INTRODUCTION

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This instruction manual provides detailed guidance for assembling and caring for your ROBOTIME 3D Wooden Puzzle DIY Model Kit, which includes both the Big Ben (TG507) and Vintage Car (TG504) models. These kits offer an engaging and rewarding building experience, resulting in beautiful decorative pieces.



Image: The completed Big Ben model with its intricate details and the Vintage Car model, showcasing its classic design. Both models are made from precision-cut wooden pieces.

## Safety Information

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- **Small Parts Warning:** This kit contains small parts and is not suitable for children under 3 years due to choking hazards. Adult supervision is recommended for younger builders (recommended for ages 8+).
- **Sharp Edges:** While pieces are generally smooth, exercise caution during assembly as some edges may be sharp.
- **Material Safety:** The wooden pieces are made from safe, non-toxic materials. Do not ingest any parts.
- **LED Light (Big Ben):** Handle the LED light components with care. Ensure batteries (if applicable and not included) are inserted correctly. Do not expose LED components to water.

## What's in the Box

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Your ROBOTIME 3D Wooden Puzzle DIY Model Kit package should contain the following items:

- 3D wooden puzzle sheets for Big Ben (TG507)
- 3D wooden puzzle sheets for Vintage Car (TG504)

- LED light module for Big Ben (TG507)
- Detailed graphic instruction manuals for each model
- Small tools or sandpaper (if included by manufacturer)



Image: The packaging for the Vintage Car (TG504) model kit, showing the unassembled wooden sheets and the final product image. The box indicates the number of wood pieces and assembly size.

## SETUP AND ASSEMBLY

Assembly of these 3D wooden puzzles requires patience and attention to detail. Follow the included graphic instruction manuals for the best results.

### General Assembly Tips:

1. **Identify Parts:** Before starting, carefully punch out all pieces from the wooden sheets. Organize them by number or shape as indicated in the manual.
2. **Read Instructions:** Review the entire instruction manual for the specific model before beginning assembly.
3. **Gentle Handling:** Wooden pieces can be delicate. Apply gentle pressure when detaching and connecting parts. If a piece is difficult to fit, do not force it. Use sandpaper (if provided) to gently smooth edges if necessary.



4. **Adhesive (Optional):** While most ROBOTIME puzzles are designed for interlocking assembly without glue, a small amount of wood glue can be used for added stability on certain joints if desired (glue not included).

### Big Ben (TG507) Assembly:

The Big Ben model is a detailed replica of the iconic British landmark, featuring an integrated LED light for illumination.

1. Begin by assembling the base structure as per the manual.
2. Carefully construct the tower sections, paying close attention to the interlocking mechanisms.
3. Integrate the LED light module into the designated sections of the Big Ben tower as instructed. Ensure the wiring is routed correctly to avoid pinching.
4. Complete the upper sections and the spire, adding the clock faces and other intricate details.



Image: The completed Big Ben model illuminated by its internal LED light, set against a dark background, highlighting its architectural details.



Image: A collage of close-up views of the Big Ben model, showing the intricate laser-cut details of the clock tower, windows, and architectural elements.

### **Vintage Car (TG504) Assembly:**

The Vintage Car model captures the essence of classic automobiles with its detailed design.

1. Start with the chassis and main body frame of the car.
2. Assemble the wheels and attach them securely to the axles.
3. Add the interior components, such as seats and steering wheel, if applicable.
4. Attach exterior details like fenders, headlights, and the roof-mounted accessories.



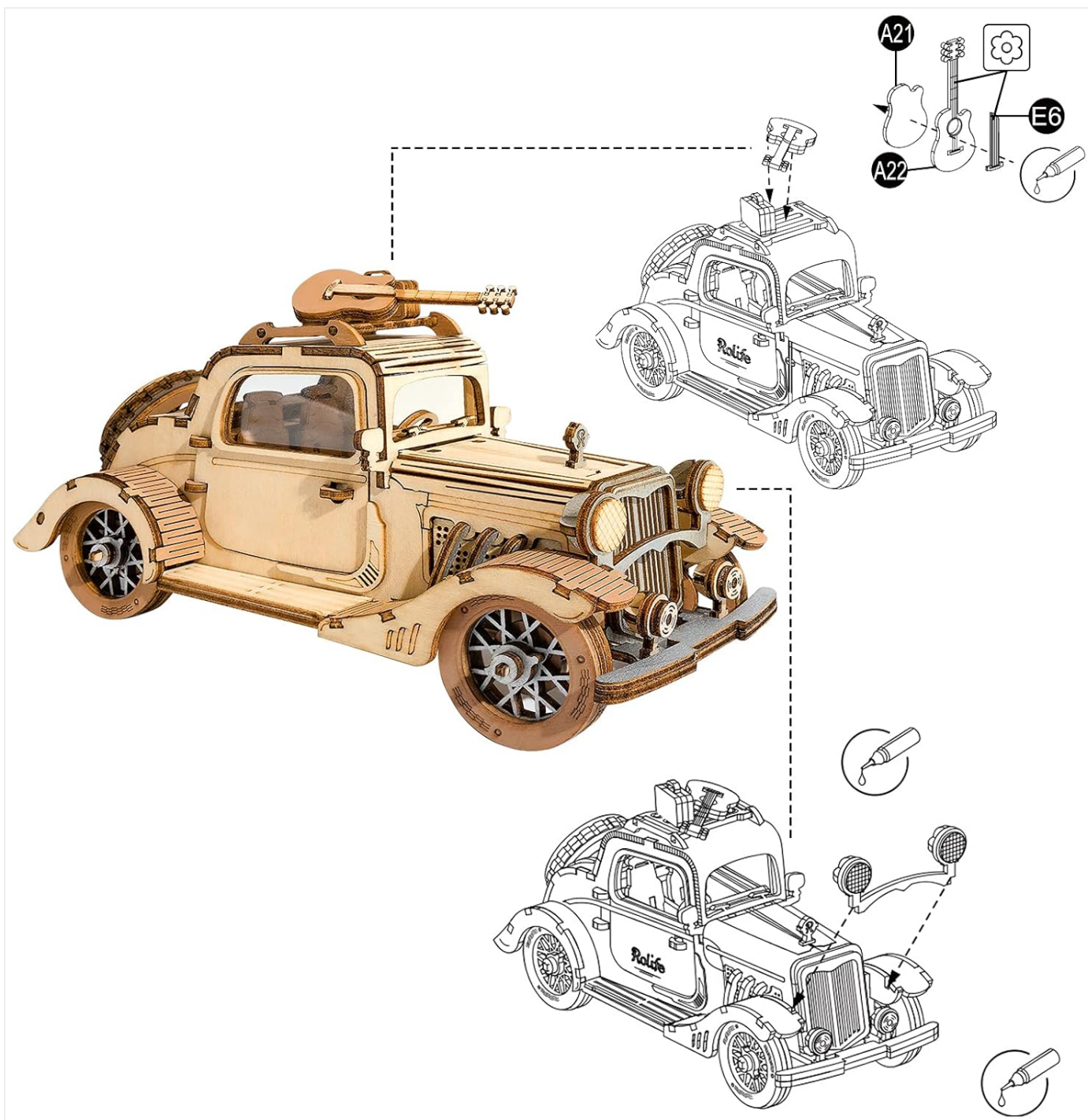


Image: A detailed assembly diagram for the Vintage Car (TG504), illustrating how different wooden pieces connect to form the complete model, including specific part numbers and connection points.

## OPERATING INSTRUCTIONS (BIG BEN TG507)

The Big Ben model features an integrated LED light to enhance its display. The Vintage Car model does not have operational features.

### LED Light Operation:

- **Power Source:** The LED light typically operates on small button cell batteries (e.g., LR44 or similar), which are usually not included in the kit. Refer to the Big Ben instruction manual for the exact battery type and quantity.
- **Battery Installation:** Locate the battery compartment, usually at the base or a hidden section of the model. Insert batteries according to the polarity markings (+/-).
- **Activation:** Once batteries are installed, there may be a small switch or a contact point to activate the LED light. Follow the manual's specific instructions for turning the light on and off.

## MAINTENANCE

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

- **Cleaning:** Dust the models regularly with a soft, dry cloth or a soft brush. Avoid using water or chemical cleaners, as these can damage the wood.
- **Storage/Display:** Display your models in a dry environment, away from direct sunlight, extreme temperatures, and high humidity. These conditions can cause the wood to warp, crack, or fade.
- **Handling:** Handle the assembled models with care, especially delicate parts like spires, antennas, or small decorative elements.
- **LED Light (Big Ben):** If the LED light dims or stops working, replace the batteries as per the operating instructions.

## TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Pieces do not fit together easily.	Misalignment, excess material, or incorrect piece.	Check the piece number and orientation. Gently sand the edges if there's excess material. Do not force.
Model feels unstable after assembly.	Loose connections or missing pieces.	Re-check all connections. Ensure all pieces are firmly interlocked. Consider using a small amount of wood glue on critical joints for added stability.
Big Ben LED light does not turn on.	Dead batteries, incorrect battery installation, or loose connection.	Replace batteries with new ones. Ensure batteries are inserted with correct polarity. Check that the LED module is properly connected and the switch is in the "on" position.
Missing or damaged pieces.	Manufacturing defect or accidental damage.	Contact ROBOTIME customer support (see Support section) with details of the missing/damaged part and your purchase information.

## SPECIFICATIONS

### Big Ben (TG507)

- **Product Name:** Big Ben 3D Wooden Puzzle
- **Assembly Size:** Approximately 3.9 x 4.2 x 7.5 inches (10 x 10.7 x 19 cm)
- **Features:** Integrated LED light
- **Recommended Age:** 8+ years



## Product Information

**Product Name:** Big Ben

**Assembly Size:** 4\*4.2\*7.5inch



Image: A graphic displaying the product name "Big Ben" and its assembled dimensions: 4 inches (width), 4.2 inches (depth), and 7.5 inches (height).

### Vintage Car (TG504)

- **Product Name:** Vintage Car 3D Wooden Puzzle
- **Wood Pieces:** 164 pcs
- **Assembly Size:** Approximately 6.29 x 2.75 x 3.15 inches (16 x 7 x 8 cm)
- **Difficulty:** Indicated as 3 out of 5 stars (medium)
- **Recommended Age:** 8+ years





## Vintage Car

TG504

Wood Pieces: 164pcs

Assembly Size: 6.29 × 2.75 × 3.15 inch

Difficulty: ★★☆☆☆

Image: A graphic displaying the product name "Vintage Car TG504" along with key specifications: 164 wood pieces, assembly size of 6.29 x 2.75 x 3.15 inches, and a difficulty rating of three stars.

## WARRANTY AND SUPPORT

ROBOTIME products typically come with a manufacturer's warranty covering defects in materials and workmanship. For specific warranty details, claims, or technical support, please refer to the contact information provided on the product packaging or visit the official ROBOTIME website.

For general inquiries or assistance with missing/damaged parts, you may also contact the seller directly through the platform where the product was purchased.

**Manufacturer:** ROBOTIME

**Seller:** Robotime Online (fulfilled by Amazon)

For more information, visit the [ROBOTIME Store on Amazon](#).

