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› Rowood Big Ben 3D Wooden Puzzle Model Kit Instruction Manual

Rowood TG507

Rowood Big Ben 3D Wooden Puzzle Model Kit Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and care of your Rowood Big Ben 3D Wooden Puzzle Model Kit (Model TG507). This kit allows you to construct a detailed wooden replica of the iconic Big Ben landmark. Please read all instructions carefully before beginning assembly to ensure a successful and enjoyable building experience.



Figure 1: The completed Rowood Big Ben 3D Wooden Puzzle Model Kit.

2. WHAT'S IN THE BOX

Your Rowood Big Ben 3D Wooden Puzzle Model Kit includes the following components:

- Laser-cut plywood sheets containing all puzzle pieces.
- Step-by-step assembly instructions manual.
- Small accessories (e.g., LED light string, battery box, sandpaper, small tools if applicable).

Everything You Need

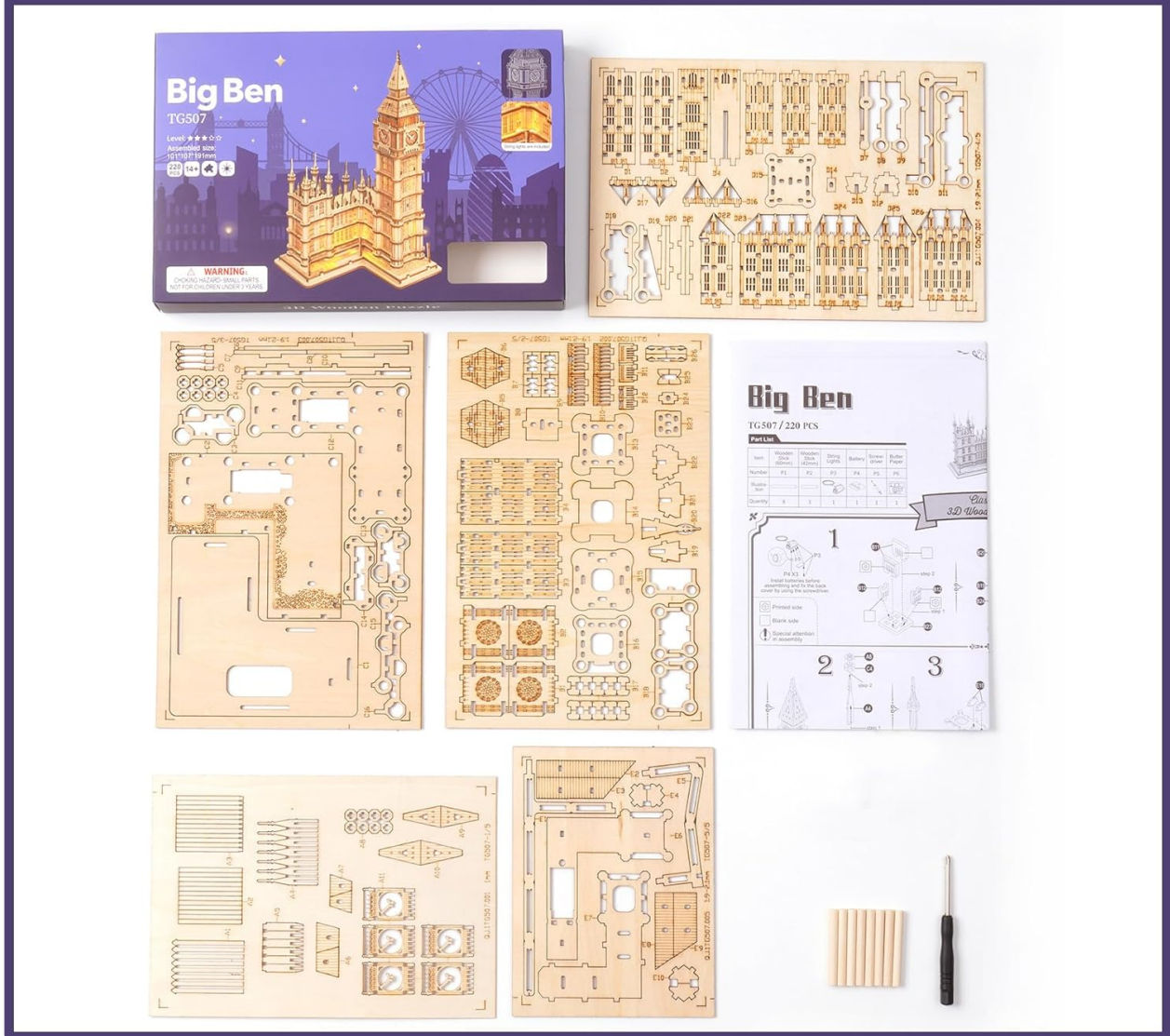


Figure 2: All components included in the kit, laid out for inspection.

3. SAFETY INFORMATION

- **Age Recommendation:** This 3D puzzle is recommended for ages 14 and up due to the complexity and presence of small parts. Adult supervision is advised for younger builders.
- **Small Parts Warning:** The kit contains small pieces that may pose a choking hazard. Keep out of reach of small children.
- **Handling:** Handle wooden pieces with care. Some parts are delicate and can break if excessive force is applied.
- **Batteries:** If your model includes LED lights, ensure batteries are inserted correctly according to polarity markings. Do not mix old and new batteries or different types of batteries. Dispose of used batteries responsibly.

4. SETUP

1. **Unpack the Kit:** Carefully remove all contents from the packaging.
2. **Inspect Components:** Check all plywood sheets and accessories against the parts list in your included

instruction manual to ensure all pieces are present and undamaged.

3. **Prepare Workspace:** Set up a clean, well-lit, and spacious work area. A flat, stable surface is essential for assembly.
4. **Tools:** No additional tools are typically required, as pieces are designed to interlock. However, a small piece of sandpaper (often included) can be used to smooth edges if needed.

5. ASSEMBLY INSTRUCTIONS

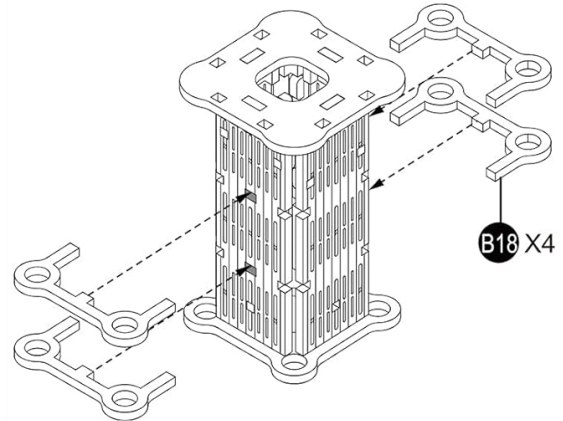
Follow the detailed, step-by-step instructions provided in the separate printed manual included with your kit. The assembly process involves carefully detaching pieces from the plywood sheets and interlocking them according to the diagrams.

- **Detaching Pieces:** Gently push out the laser-cut pieces from their sheets. If a piece is stubborn, use a small, blunt object to carefully push it out from the back. Avoid tearing or forcing.
- **Interlocking:** Align the tabs and slots of corresponding pieces and gently press them together. Some connections may require a firm but controlled push. If a connection is too tight, use the included sandpaper to lightly smooth the edges of the tabs.
- **No Glue Required:** This model is designed for interlocking assembly without the need for adhesive.
- **Sequence:** Adhere strictly to the numbered steps in the instruction manual. Assembling pieces out of sequence may lead to difficulties or damage.

Assembly process



Beautiful Packaging



Follow English Instruction Manual



Pop out puzzle piece



Build your own craft kit

Figure 3: Example of assembly steps and piece identification.

Assembly Video Guide

For a visual guide on the assembly process, please refer to the official video below. This video demonstrates the construction of similar Rowood 3D wooden puzzles, including the Big Ben model (TG507).

Your browser does not support the video tag.

Video 1: Official assembly guide for Rowood 3D Wooden Puzzles, including the Big Ben model. This video demonstrates general assembly techniques applicable to your kit.

6. OPERATING LED LIGHTS

The Rowood Big Ben model includes an LED light string to illuminate the structure. Follow these steps to activate the lights:

1. **Install Batteries:** Locate the battery box. Insert the required batteries (typically AA or AAA, check your specific kit's instructions) ensuring correct polarity (+/-). Batteries are usually included with the kit.
2. **Connect LED String:** During assembly, you will integrate the LED light string into the model as indicated

in the instruction manual. Ensure the connector from the LED string is securely plugged into the battery box.

3. **Activate Lights:** Locate the switch on the battery box. Flip the switch to the 'ON' position to illuminate your Big Ben model.



Figure 4: The Big Ben model illuminated by its integrated LED lights.

7. MAINTENANCE

- **Cleaning:** To clean the model, gently wipe it with a dry, soft cloth. Avoid using water or chemical cleaners, as these can damage the wood.
- **Storage:** Store the assembled model in a dry environment away from direct sunlight and extreme temperature changes to prevent warping or fading of the wood.
- **Handling:** Always handle the model by its base to avoid putting stress on delicate parts.
- **Battery Replacement:** If the LED lights dim or stop working, replace the batteries in the battery box.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pieces do not fit together easily.	Excess material from laser cutting; incorrect alignment.	Use included sandpaper to gently smooth the edges of the tabs. Ensure pieces are correctly oriented as per instructions.
LED lights do not turn on.	Incorrect battery installation; dead batteries; loose connection.	Check battery polarity. Replace batteries. Ensure the LED string is securely connected to the battery box. Verify the switch is in the 'ON' position.
A piece breaks during assembly.	Excessive force; delicate part.	If possible, use a small amount of wood glue to repair. For significant damage or missing parts, contact customer support.

If you encounter any issues not listed here or require further assistance, please contact Rowood customer support.

9. SPECIFICATIONS

Feature	Detail
Brand	Rowood
Model Number	TG507
Material Type	Engineered Wood (Plywood)
Number of Pieces	220
Assembled Dimensions (L x W x H)	7.52 x 4.21 x 3.98 inches (approx.)
Age Recommendation	14+ Years
Power Source (for lights)	Battery (included)
Assembly Required	Yes
Educational Objective	Problem Solving Skill



Product Information

Product Name: Big Ben

Assembly Size: 4*4.2*7.5inch



Figure 5: Visual representation of the assembled model's dimensions.

10. WARRANTY AND SUPPORT

Warranty: Rowood offers a 90-day warranty against manufacturer defects. This warranty covers issues arising from manufacturing errors but does not cover damage caused by misuse, improper assembly, or accidental breakage.

Customer Support: If you have any questions, require assistance with assembly, or need to report a defect, please contact Rowood Direct customer support. Refer to the contact information provided in your product packaging or visit the official Rowood website for support options.