Wood Trick Gravity Marble Run

Wood Trick Wooden Marble Run Electric Motorized - User Manual

Model: Gravity Marble Run
Brand: Wood Trick

1. PRODUCT OVERVIEW

The Wood Trick Gravity Marble Run is an intricate 3D wooden puzzle designed for both adults and teens. This electric motorized model features a unique spherical design with multiple tracks, providing continuous marble movement. Comprising 773 pieces, it offers a challenging yet rewarding assembly experience, culminating in a fully functional marble roller coaster. The model operates on 4 AA 1.5V batteries (not included) and includes 10 glass marbles.

Image: The complete Wood Trick Gravity Marble Run, showcasing its complex wooden structure and multiple marble tracks. Several colorful glass marbles are visible around the base.

2. What's in the Box

Upon opening the package, verify that all components are present:

- Gravity Marble Run wooden model kit (773 pieces)
- Illustrated step-by-step assembly guide in English
- 10 glass marbles

Image: The product packaging for the Wood Trick Gravity Marble Run, indicating the "Electric Series" and highlighting the 773 pieces and model size.

3. ASSEMBLY INSTRUCTIONS

The Gravity Marble Run model is made entirely of natural wood and requires no glue or toothpicks for assembly. The kit includes a detailed, illustrated step-by-step assembly guide. Follow the instructions carefully to ensure proper construction and functionality.

Estimated Assembly Time: Approximately 9-10 hours.

Important Tips:

- Do not rush the assembly process. Patience is key.
- Avoid forcing parts together; all parts should fit snugly. If a part doesn't fit, re-check the instructions.
- Consider using small pliers for delicate or tight fittings to prevent finger fatigue and damage to parts.
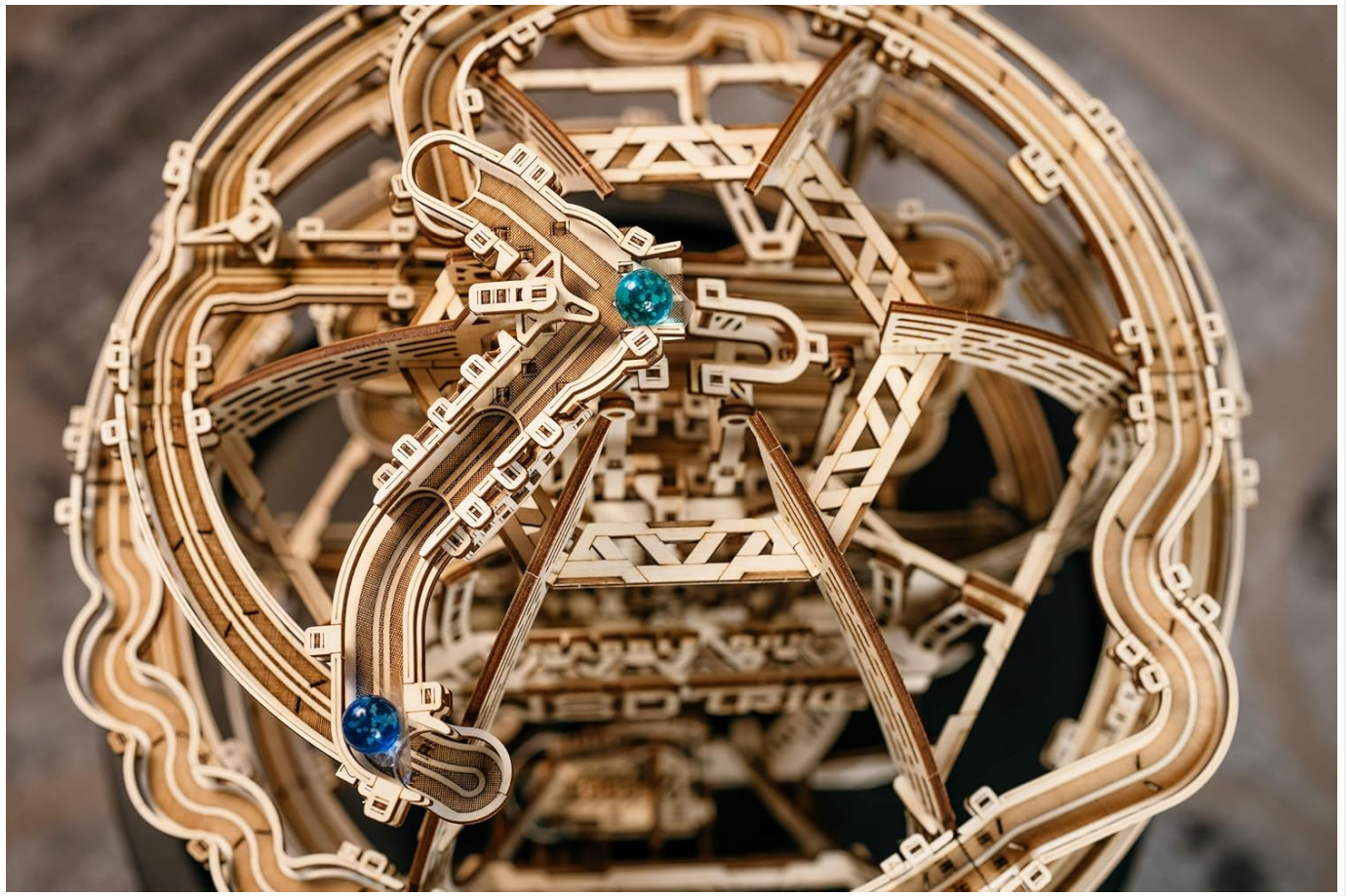- Test the marble tracks as you build them to make small adjustments for smoother operation.

Image: A detailed view of the intricate internal wooden gears and lifting mechanism, crucial for the marble run's operation.
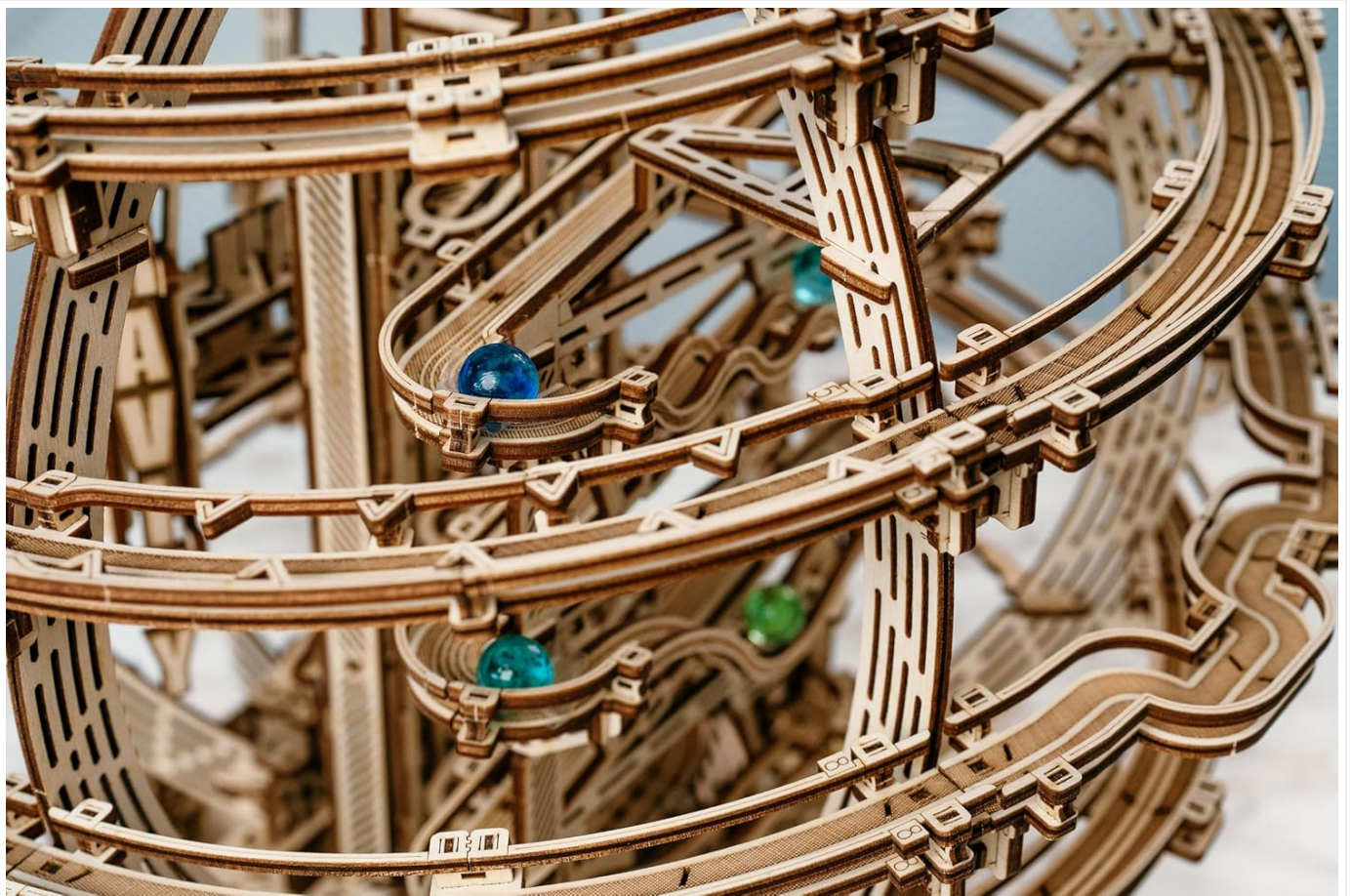

Image: Marbles navigating the precisely crafted wooden tracks, demonstrating the flow and design of the marble run.

Your browser does not support the video tag.

Video: An official overview of the Wood Trick Gravity Marble Run, demonstrating its assembly process and the continuous movement of marbles through its complex system.

4. OPERATING INSTRUCTIONS

The Gravity Marble Run is powered by an electric motor that requires 4 AA 1.5V batteries (not included). Once assembled and batteries are installed, the motor lifts the marbles from the bottom to the top of the structure, allowing gravity to guide them down through the various tracks.

- **Battery Installation:** Locate the battery compartment, typically at the base of the model. Insert 4 AA 1.5V batteries, ensuring correct polarity.
- **Power On/Off:** Use the designated switch (refer to the assembly guide for exact location) to turn the motor on or off.
- **Marble Placement:** Place the provided glass marbles into the designated entry point at the base of the marble run. The lifting mechanism will then transport them upwards.

Image: A close-up of the "ON/OFF" switch integrated into the wooden base of the marble run, indicating its power control.

5. MAINTENANCE

To ensure the longevity and smooth operation of your Wood Trick Gravity Marble Run, consider the following maintenance tips:

- **Cleaning:** Dust the model regularly with a soft, dry cloth. Avoid using water or cleaning solutions, as they may damage the wood.
- **Lubrication:** For optimal performance, especially for gears and sliding surfaces, apply a small amount of wood-safe lubricant (e.g., paraffin wax or specialized woodworker's slipit) using a small brush. This can reduce friction and

noise.

- **Storage:** Store the model in a dry environment away from direct sunlight or extreme temperature changes to prevent warping or cracking of the wood.
- **Handling:** Handle the assembled model with care, especially when moving it, to avoid dislodging or damaging delicate parts.

6. TROUBLESHOOTING

If you encounter issues with your Gravity Marble Run, refer to the following common problems and solutions:

- **Marbles not moving smoothly or getting stuck:**

  - Check for any misaligned track pieces. Small adjustments can significantly improve flow.
  - Ensure all connections are secure and no parts are loose.
  - Apply lubricant to tracks and moving parts as described in the Maintenance section.

- **Marbles bouncing out of tracks:**

  - Inspect the specific sections where marbles are bouncing. Some users have found that adding a small, custom-made taller rail from scrap wood can prevent this in certain areas (e.g., Part #152 Page 36, if applicable to your model's instructions).
  - Ensure the model is on a stable, level surface.

- **Motor not operating or making unusual noises:**

  - Verify that the batteries are correctly installed and have sufficient charge. Replace if necessary.
  - Check for any obstructions preventing the motor or gears from turning freely.
  - Ensure the motor is securely attached and has not come loose from its mounting. If it has, carefully re-secure it to prevent damage to wooden pieces.

For further assistance, refer to the official User Guide PDF or contact Wood Trick customer support.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	17.1 x 16 x 15.6 inches
Item Weight	7.43 pounds
Number of Pieces	773
Power Source	Electric Motor (requires 4 AA 1.5V batteries, not included)
Recommended Age	14 years and up
Material	Natural Wood
Country of Origin	Poland
Model Number	Gravity Marble Run

8. WARRANTY AND SUPPORT

Wood Trick is committed to providing high-quality products. For any issues with missing or broken parts during assembly, or for general inquiries, please contact Wood Trick customer support. Many customers have reported excellent support, including free replacement parts when needed.

This product is verified by Transparency, meaning each item has a unique code that is verified before shipping, ensuring authenticity.

For a comprehensive guide, you can also refer to the official User Guide (PDF).