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4D Build 4D51073

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Model: 4D51073 | Brand: 4D Build

1. INTRODUCTION

Thank you for choosing the 4D Build Harry Potter: The Knight Bus 3D Puzzle Model Kit. This kit allows you to construct a detailed replica of The Knight Bus from the Wizarding World. Designed for enthusiasts aged 14 and up, this 73-piece model uses Core-Gate™ EPS Technology for a sturdy, glue-free assembly. Please read this manual carefully before beginning assembly to ensure a smooth and enjoyable building experience.



Image 1.1: The completed 4D Build Harry Potter The Knight Bus 3D Puzzle model.

2. SAFETY INFORMATION

Please observe the following safety guidelines to prevent injury or damage to the product:

- **Age Recommendation:** This product is recommended for ages 14 and up. It contains small parts that may pose a choking hazard for younger children.
- **Handle with Care:** Puzzle pieces are made from precision modeling sheets. Handle them gently to avoid bending or tearing.
- **Keep Away from Heat:** Do not expose the model or its components to direct sunlight or high temperatures, as this may cause warping or discoloration.
- **Ventilation:** Assemble in a well-ventilated area.

3. SETUP AND ASSEMBLY

3.1 Unpacking the Kit

1. Carefully open the product packaging.
2. Remove all modeling sheets and the instruction booklet.
3. Verify that all 73 pieces are present and undamaged by comparing them with the parts list in the instruction booklet.



Image 3.1: The modeling sheets containing the puzzle pieces.

3.2 Assembly Steps

This 3D puzzle is designed for a glue-free assembly. Follow the detailed, step-by-step instructions provided in the included instruction booklet. The assembly time is approximately 4 hours.

1. **Identify Parts:** Locate the numbered pieces on the modeling sheets. Gently push out each piece. Do not force them.
2. **Follow Diagrams:** Refer to the detailed diagrams in the instruction booklet. Each step illustrates which pieces to connect and how.
3. **Connect Pieces:** Align the tabs and slots carefully. Insert tabs into corresponding slots to secure pieces together. Ensure a snug fit.
4. **Layered Construction:** The model is built in layers. Pay attention to the sequence of assembly as indicated in the instructions.
5. **No Glue Required:** The Core-Gate™ EPS Technology ensures pieces interlock securely without the need for adhesive.

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Video 3.2: An overview of 4D Build Harry Potter 3D Puzzles, showcasing the modeling sheets and detailed instructions for various models, including The Knight Bus.

4. DISPLAY AND HANDLING

Once assembled, your 4D Build Knight Bus is a display model. Follow these guidelines for optimal enjoyment:

- **Display Location:** Place the model on a stable, flat surface away from direct sunlight, excessive heat, or high humidity to prevent damage or fading.
- **Handling:** Handle the model by its base or sturdy sections. Avoid gripping delicate parts to prevent accidental breakage.
- **Not a Toy:** This is a collectible display model, not intended for rough play.

5. CARE AND MAINTENANCE

To keep your Knight Bus model in excellent condition:

- **Cleaning:** Dust the model regularly with a soft, dry cloth or a soft-bristled brush. Do not use liquid cleaners or abrasive materials.
- **Storage:** If storing the model, place it in a protective box to prevent dust accumulation and accidental damage.

6. TROUBLESHOOTING

If you encounter any issues during assembly or with the completed model, consider the following:

- **Pieces Not Fitting:** Double-check the instruction booklet to ensure you are using the correct pieces and aligning them in the proper orientation. Sometimes, a gentle but firm push is needed for tabs to fully engage.
- **Missing or Damaged Parts:** If you find any pieces are missing or damaged upon opening the kit, please contact customer support immediately.
- **Loose Connections:** Ensure all tabs are fully inserted into their corresponding slots. If a connection feels loose, gently press the pieces together until they are secure.

7. SPECIFICATIONS

Product Name	Harry Potter: The Knight Bus 3D Puzzle Model Kit
Brand	4D Build
Model Number	4D51073
Number of Pieces	73
Assembled Dimensions	12 x 9 x 2 inches (approximate)
Item Weight	1.2 pounds
Recommended Age	14 years and up
Material	Core-Gate™ EPS Technology
Assembly Time	Approximately 4 hours
Release Date	September 29, 2022
Manufacturer	4D Brand International

8. WARRANTY AND SUPPORT

For any questions, concerns, or support regarding your 4D Build Harry Potter: The Knight Bus 3D Puzzle Model Kit, please contact the manufacturer, 4D Brand International, or your retailer. Keep your proof of purchase for warranty claims.