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> UNCLE BRICK Insect Collection Animal Building Block Set (Bumblebee) Model JD015 Instruction Manual

UNCLE BRICK JD015

UNCLE BRICK Mechanical Bumblebee Building Block Set

Model: JD015

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1. INTRODUCTION

Thank you for choosing the UNCLE BRICK Mechanical Bumblebee Building Block Set, Model JD015. This set allows you to construct a detailed mechanical insect model with articulating components, offering an engaging experience in both ecology and mechanical engineering principles. This manual provides essential information for assembly, operation, and maintenance of your model.

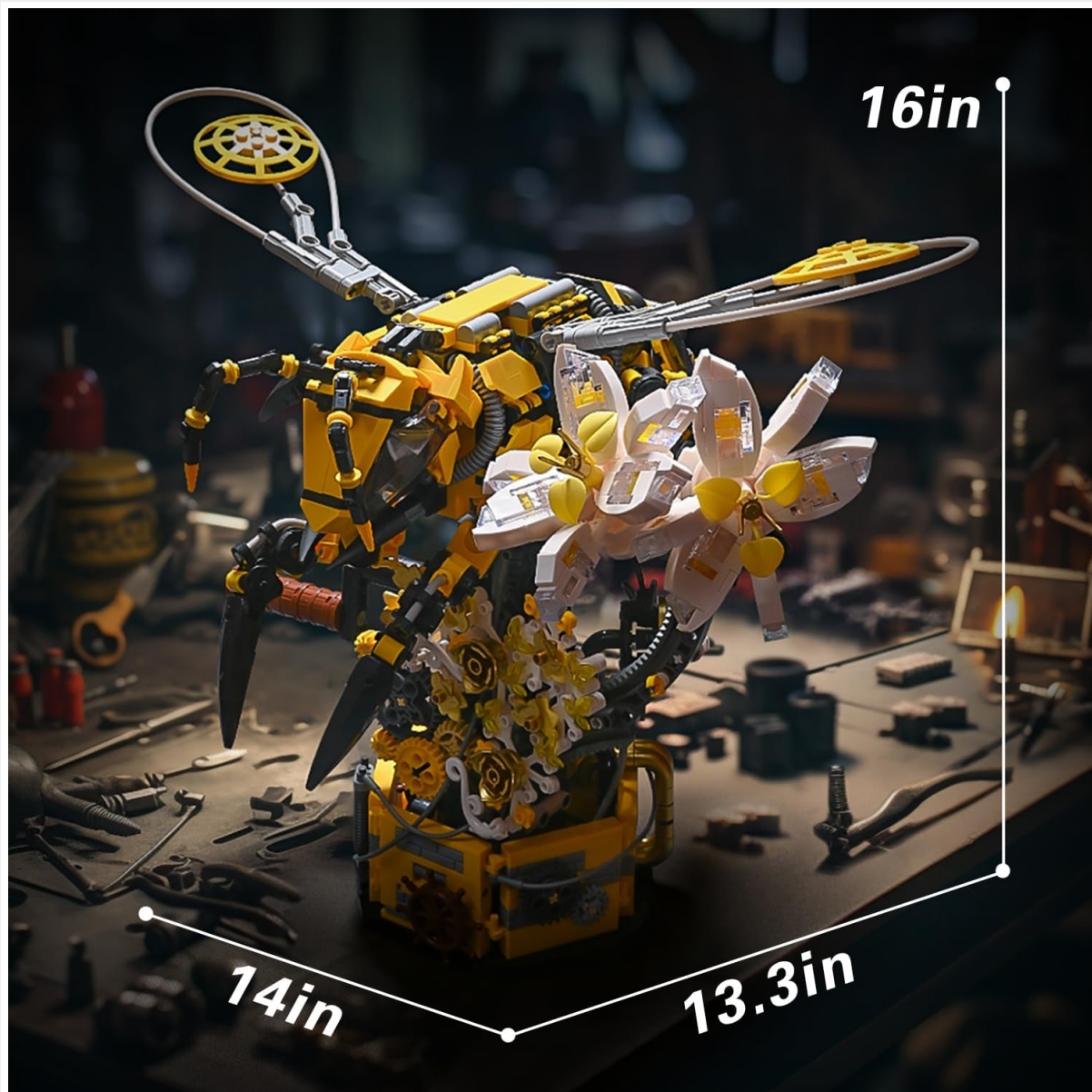


Image 1.1: The fully assembled UNCLE BRICK Mechanical Bumblebee Building Block Set, Model JD015, showcasing its approximate dimensions of 16 inches (height), 14 inches (width), and 13.3 inches (depth).

2. SAFETY INFORMATION

Please read and understand all safety instructions before assembly and operation. Keep this manual for future reference.

- **Small Parts Warning:** This set contains small parts which may pose a choking hazard for children under 3 years old. Adult supervision is recommended for younger users (recommended age 8+).
- **Handling:** Handle all components with care to prevent breakage or injury.
- **Cleaning:** Do not use harsh chemicals or abrasive materials for cleaning. Refer to the Maintenance section for proper cleaning instructions.
- **Intended Use:** This product is designed for recreational building and display. Do not modify or use for purposes other than its intended design.

3. SETUP AND ASSEMBLY

The UNCLE BRICK Mechanical Bumblebee Building Block Set requires assembly. A detailed instruction manual is included in the product packaging to guide you through each step. Follow the numbered steps

carefully to ensure correct construction.

3.1 Package Contents

Before beginning assembly, verify that all components are present. Refer to the parts list provided in the included instruction manual. Typically, the package contains:

- Assorted building blocks and mechanical components
- Detailed graphical instruction manual

3.2 Assembly Steps

Follow the step-by-step instructions provided in the physical manual. Key aspects of the assembly include:

1. **Base Construction:** Begin by assembling the stable base structure that will support the mechanical bumblebee.
2. **Body and Internal Mechanisms:** Construct the main body, integrating the gears and linkable components that enable movement. Pay close attention to the alignment of mechanical parts.
3. **Articulating Limbs and Wings:** Attach the legs, antennae, and wings, ensuring they are free to move as designed.
4. **Decorative Elements:** Add the final aesthetic details, such as the flower elements and other intricate pieces, to complete the model.



Image 3.1: A side view of the assembled mechanical bumblebee, highlighting the intricate details and structural design.



Image 3.2: A detailed view of the bumblebee's head and front body section, showing the complex arrangement of blocks and transparent elements.

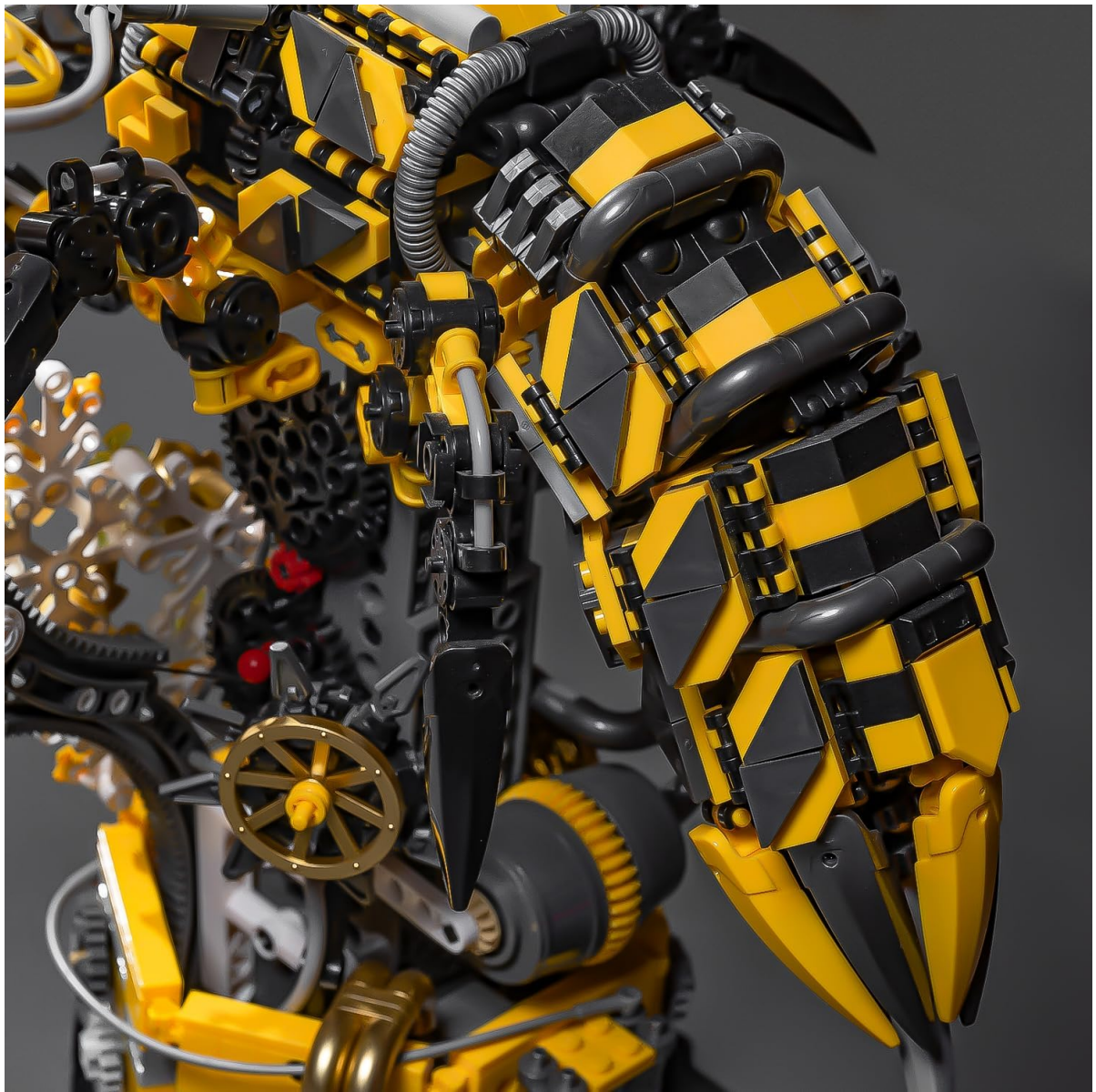


Image 3.3: A close-up of one of the mechanical bumblebee's legs, illustrating the articulated joints and claw-like structure.

4. OPERATING INSTRUCTIONS

The UNCLE BRICK Mechanical Bumblebee Building Block Set features interactive elements that allow the model to mimic lifelike movements. Once fully assembled, you can activate its mechanical functions.

4.1 Activating Movement

To initiate the mechanical movements of the bumblebee, locate the joystick mechanism on the base of the model. Gently shake or manipulate this joystick to engage the internal gears and linkages.

- **Joystick Control:** Move the joystick back and forth or side to side. This action will transfer motion through the internal mechanisms.
- **Articulated Movement:** Observe as the bumblebee's wings flap and other articulated parts move in response to the joystick input. The design allows for a simulation of natural insect motion.



Image 4.1: A user demonstrating the operation of the mechanical bumblebee by shaking the joystick, which causes the wings and other parts to move. Arrows indicate the direction of motion for the joystick and the bumblebee's wings.

5. MAINTENANCE

Proper care and maintenance will ensure the longevity and functionality of your UNCLE BRICK Mechanical Bumblebee Building Block Set.

- **Cleaning:** To clean the model, gently wipe it with a soft, dry cloth. For stubborn dust, a slightly damp cloth can be used, followed immediately by a dry cloth. Avoid submerging the model in water or using harsh cleaning agents.
- **Storage:** Store the model in a cool, dry place away from direct sunlight and extreme temperatures. Prolonged exposure to sunlight can cause discoloration of the plastic components.
- **Handling:** Avoid dropping the model or applying excessive force to its articulated parts, as this may cause damage.

6. TROUBLESHOOTING

If you encounter any issues with your UNCLE BRICK Mechanical Bumblebee Building Block Set, refer to the following common solutions:

- **Movement is Stiff or Not Working:**

- Ensure all connections are secure and blocks are fully pressed together.
- Check for any misaligned gears or components that might be obstructing movement. Refer to the assembly manual to verify correct placement.
- Ensure no foreign objects or dust are interfering with the mechanical parts.

- **Missing Parts:** If you find any parts missing upon opening the package, please contact UNCLE BRICK customer support with your purchase details.

- **Damaged Parts:** If any parts are damaged, contact customer support for assistance.

7. SPECIFICATIONS

Feature	Detail
Brand	UNCLE BRICK
Model Name	JD015
Material	Plastic
Color	Yellow
Item Dimensions (L x W x H)	33.8 x 40.6 x 35.6 cm (approximately 13.3 x 16 x 14 inches)
Manufacturer Minimum Age	96 months (8 years)
Age Range (Description)	8 years - 14 years
Target Audience	Teenagers and Adults
Educational Objective	Team Building Skills, Ecology, Mechanical Engineering
Special Features	Magnetic, Articulating Components
Included Components	Instruction Manual

8. WARRANTY AND SUPPORT

For warranty information, product support, or to inquire about replacement parts, please refer to the documentation included with your purchase or contact UNCLE BRICK customer service directly. Contact details can typically be found on the product packaging or the official UNCLE BRICK website.