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› MindXplore 3D Steampunk Metal Dragonfly Model Assembly Manual

MindXplore NPCFU4408W5335X5Z8O176

MindXplore 3D Steampunk Metal Dragonfly Model Assembly Manual

Model: NPCFU4408W5335X5Z8O176

INTRODUCTION

This manual provides detailed instructions for assembling your MindXplore 3D Steampunk Metal Dragonfly Model. This kit allows you to construct a detailed mechanical dragonfly, featuring intricate metal parts and a unique design inspired by the *Phythemis Fuliginosa*. The model is crafted from high-quality stainless steel, iron, and copper components, designed for a rewarding assembly experience.



Image: The fully assembled MindXplore 3D Steampunk Metal Dragonfly Model, showcasing its metallic finish and intricate details.

SAFETY INFORMATION

- Recommended age for assembly: 14 years and older.
- This kit contains small parts. Keep out of reach of young children to prevent choking hazards.
- Handle metal parts carefully to avoid sharp edges.
- Use provided tools as instructed. Do not apply excessive force to avoid damage to parts or injury.

SETUP AND ASSEMBLY

The assembly process involves over 200 parts and typically takes approximately 2 hours. No glue is required; assembly is completed using screws and screwdrivers. Ensure you have a clean, well-lit workspace.

1. Unpacking and Part Verification

Carefully unpack all components. The kit includes all necessary tools, such as pliers and screwdrivers. Verify that all parts are present by comparing them with the included parts list diagram.



Image: Overview of the kit contents, showing individually numbered bags of parts, assembly instructions, and included tools like pliers and screwdrivers.



Image: A detailed view of the parts list diagram, essential for verifying all components before starting assembly.

2. Following Assembly Instructions

Refer to the comprehensive assembly instructions provided in the kit. Each step is illustrated to guide you through the process. Pay close attention to the orientation of parts and the correct screws for each connection.

- **Wing Assembly:** The wings feature clear, wear-resistant textures. Attach them according to the diagrams, ensuring proper alignment.
- **Body and Head Assembly:** Connect the body and head sections, integrating the intricately carved metal accents.
- **Leg Attachment:** Secure the legs to the main body. Ensure all six legs are firmly attached.
- **Tail Section:** Assemble the segmented tail, ensuring each piece is correctly aligned and secured.



Image: A close-up of the dragonfly wings, highlighting their detailed texture and design, ready for assembly.



Image: Another perspective of the dragonfly wings, showing their translucent and patterned structure.



Image: A detailed view of the head and body components, featuring small gears and decorative elements.

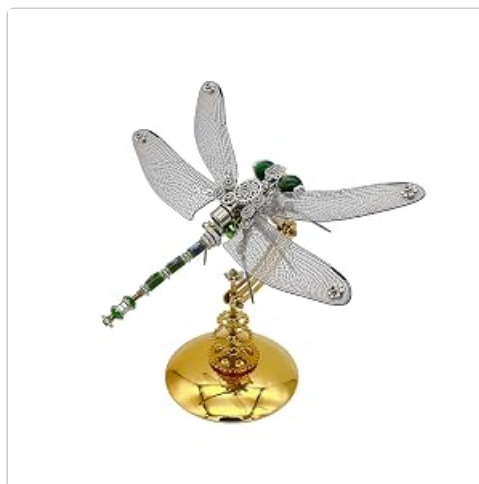


Image: The display base for the dragonfly model, featuring a golden finish and gear-like embellishments.

OPERATING AND DISPLAY

Once assembled, your 3D Steampunk Metal Dragonfly Model is designed for display. It is a static model, not intended for active play, especially by young children, due to its delicate nature and small components.

- Place the finished model on a stable, flat surface, ideally using the provided display base.
- Avoid handling the model roughly to prevent parts from twisting or loosening.
- Keep the model away from direct sunlight or extreme temperatures to preserve its material integrity.



Image: The assembled dragonfly model positioned next to its golden display stand, ready for placement.

MAINTENANCE

To maintain the appearance and integrity of your metal dragonfly model:

- Dust regularly with a soft, dry cloth or a soft brush to remove accumulated dust.
- Do not use abrasive cleaners or solvents, as these can damage the metal finish and wing textures.
- Periodically check screws for tightness. Gently tighten any loose screws using the appropriate screwdriver.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Missing or damaged parts	Manufacturing defect or oversight during packaging.	Contact MindXplore customer support immediately with your purchase details and a description of the missing/damaged parts. Refer to the parts list for identification.
Difficulty understanding instructions	Illustrations may lack detail or perspective.	Review the diagrams carefully. Try to visualize the 3D orientation of parts. If still unclear, search for online assembly videos or contact support for clarification.
Screws not reaching or fitting properly	Incorrect screw length for a specific connection, or a recessed tube piece.	Ensure you are using the correct screw size for the designated step. If a tube piece has a recessed end, a longer screw might be needed. If the provided screws are consistently too short, contact customer support for assistance. Do not force screws, as this can strip threads.
Parts loosening or falling off after assembly	Screws not tightened sufficiently or excessive handling.	Gently re-tighten all screws. Avoid excessive handling of the finished model. If parts continue to loosen, a small amount of thread-locking fluid (not included) can be applied to screw threads, but use sparingly and with caution.
Provided tools (e.g., pliers) break or are ineffective	Tool quality or improper use.	If the provided tools are inadequate, use your own small precision tools if available. For tool replacement, contact customer support.

SPECIFICATIONS

Brand: MindXplore

Model Number: NPCFU4408W5335X5Z8O176

Material: Copper, Aluminium, Engraved Metal

Number of Pieces: 200

Assembled Dimensions (L x W): Approximately 5.9" x 5.5" (15cm x 14cm)

Item Weight: 120 g

Recommended Age: 14+ years

Assembly Time: Approximately 2 hours

Operation Mode: Manual (assembly)

Included Components: Model Toy (parts for assembly), tools

WARRANTY

MindXplore provides a **1-Year Warranty on Parts** for this product. This warranty covers manufacturing defects and missing components. Please retain your proof of purchase for warranty claims.

For warranty service, contact MindXplore customer support with your purchase details and a description of the issue.

CUSTOMER SUPPORT

If you encounter any issues during assembly or have questions about your MindXplore 3D Steampunk Metal Dragonfly Model, please contact our customer support team.

For assistance, visit the [MindXplore Store on Amazon](#) or refer to the contact information provided in your product packaging.