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› Metal Earth Star Wars 3D Metal Model Kits: Assembly Instructions

Metal Earth Star Wars Set of 4 (Darth Vader's TIE Fighter, R2-D2, AT-AT, Millenium Falcon)

Metal Earth Star Wars 3D Metal Model Kits: Assembly Instructions

Models Included: Darth Vader's TIE Fighter, R2-D2, AT-AT, Millennium Falcon

1. INTRODUCTION

This manual provides detailed instructions for assembling your Metal Earth Star Wars 3D Metal Model Kits. This set includes four iconic Star Wars vehicles and characters: Darth Vader's TIE Fighter, R2-D2, AT-AT, and the Millennium Falcon. These kits are designed to be assembled without glue or solder, using a system of tabs and slots. Patience and precision are key to a successful build.



Image 1.1: The complete Metal Earth Star Wars 3D Metal Model Kit set, featuring Darth Vader's TIE Fighter, R2-D2, AT-AT, and the Millennium Falcon.

2. SAFETY INFORMATION

Metal Earth models are crafted from thin metal sheets. Please observe the following safety guidelines:

- **Sharp Edges:** Exercise caution when handling the metal sheets and individual pieces, as edges can be sharp.
- **Small Parts:** These kits contain small parts and are not suitable for children under 14 years of age due to choking hazards.
- **Eye Protection:** Consider wearing eye protection during assembly to prevent injury from small flying pieces.
- **Proper Tools:** Use recommended tools to minimize direct contact with sharp edges and improve handling of small components.

3. SETUP AND REQUIRED TOOLS

Before beginning assembly, ensure you have a clean, well-lit workspace. The kit includes steel sheets for each of the four Star Wars themed models. While no glue or solder is required, specific tools are highly recommended for optimal assembly and to prevent damage to the delicate metal pieces.

3.1. Recommended Tools

- **Clippers:** Small, flush-cut clippers are ideal for carefully detaching pieces from the metal sheets.
- **Needle-Nose Pliers:** Essential for bending and twisting tabs, especially in tight spaces. A variety of sizes and tip

shapes (straight, bent) can be beneficial.

- **Flat-Nose Pliers:** Useful for creating precise, straight bends and for holding pieces securely.
- **Tweezers:** Fine-tipped tweezers are invaluable for handling very small parts and for intricate tab manipulation.
- **Magnifying Glass with Light:** Highly recommended for viewing small details and ensuring accurate placement.
- **Round Objects:** Various small round objects (e.g., pens, dowels) can assist in shaping curved pieces.

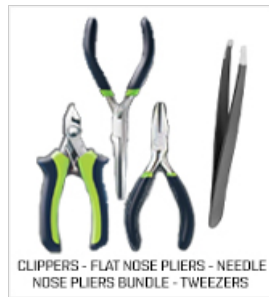


Image 3.1: A selection of recommended tools, including clippers, flat-nose pliers, needle-nose pliers, and tweezers, for precise model assembly.

4. ASSEMBLY INSTRUCTIONS

Each Metal Earth kit comes with its own specific instruction sheet. Always refer to the individual instructions provided with each model for detailed steps. The general assembly process involves:

1. **Identify Parts:** Carefully examine the metal sheets and the instruction diagrams to identify each part. Parts are numbered on the sheets.
2. **Detach Pieces:** Use clippers to gently detach each piece from the metal sheet. Avoid twisting or bending the piece while detaching to prevent damage.
3. **Form and Bend:** Follow the instructions to bend or fold pieces into their designated shapes. Use pliers or round objects for precise bends and curves. Be gentle, as metal can fatigue and break if bent repeatedly.
4. **Connect Pieces:** Insert tabs into corresponding slots. Once inserted, twist the tabs 90 degrees or fold them over to secure the connection. Ensure connections are firm but do not over-tighten, which can stress the metal.
5. **Patience is Key:** These models require significant patience. Do not rush the assembly process. If you encounter difficulty, take a break and return to it later.



Image 4.1: An example of the assembly process, demonstrating how to carefully bend and connect metal components.

4.2. Model-Specific Notes

While general instructions apply, some models may present unique challenges:

- **R2-D2:** This model can be particularly challenging due to complex folds and small, delicate connections. Pay close attention to piece orientation and ensure tabs are securely fastened without over-stressing the metal.
- **Darth Vader's TIE Fighter:** Focus on precise alignment of the solar array wings to the cockpit for structural integrity.
- **AT-AT:** The legs and body require careful balancing during assembly to ensure the model stands correctly.
- **Millennium Falcon:** The intricate details of the hull and cockpit demand careful bending and shaping.



Image 4.2: The completed Metal Earth R2-D2 model, showcasing its intricate details.



Image 4.3: The completed Metal Earth AT-AT model, demonstrating its detailed structure.

For additional guidance, Metal Earth often provides 3D views or video tutorials on their official website, which can be helpful for visualizing complex steps.

5. MAINTENANCE AND CARE

Once assembled, your Metal Earth models are delicate display pieces. Follow these guidelines for their care:

- **Handling:** Handle models gently and as little as possible to avoid bending or breaking delicate parts.
- **Cleaning:** Dust models periodically with a soft, dry brush or a can of compressed air. Avoid using liquids or abrasive cleaners, which can damage the metal finish.
- **Display:** Display models in a stable location away from direct sunlight, excessive heat, or high humidity to prevent discoloration or material degradation.

6. TROUBLESHOOTING COMMON ISSUES

Even with careful assembly, you might encounter some common challenges:

- **Broken Tabs:** If a tab breaks during assembly, it may be difficult to secure the piece. In some cases, a tiny drop of super glue can be used as a last resort, but this is generally not recommended as it can affect the aesthetic.
- **Flimsy Connections:** Ensure tabs are twisted or folded completely to create a secure connection. If a connection feels loose, gently re-adjust the tab.
- **Difficulty with Small Parts:** Use fine-tipped tweezers and a magnifying glass. Work slowly and deliberately.
- **Model Not Standing Evenly:** Check the base and connecting points for any misalignments. Gently adjust parts until the model is stable.

7. SPECIFICATIONS

Attribute	Detail
Brand	Metal Earth

Model	Star Wars Set of 4 (Darth Vader's TIE Fighter, R2-D2, AT-AT, Millenium Falcon)
Material	Metal
Number of Pieces	4 individual models
Item Dimensions (L x W x H)	4 x 0.2 x 6 inches (packaging)
Item Weight	0.96 ounces
Age Range (Description)	Adult (Recommended 14+)
Manufacturer	Fascinations
UPC	617353303278
ASIN	B00HVUYWM4

8. WARRANTY AND SUPPORT

Metal Earth products are designed for quality and precision. For specific product support, missing parts, or detailed assembly inquiries, please refer to the contact information provided on the product packaging or visit the official Metal Earth website. General return policies are typically handled by the retailer where the product was purchased. This product is eligible for returns within 30 days of purchase, subject to the retailer's return policy.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

