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Instruction Manual

IMPORTANT SAFETY INFORMATION

WARNING: CHOKING HAZARD. This kit contains small parts and is not intended for children under 3 years of age. Adult supervision is recommended during assembly and play to ensure safe use and proper handling of all components.

Please ensure all parts are securely fastened during assembly to prevent detachment and potential hazards. Keep all packaging materials away from children.

PRODUCT OVERVIEW

The MALUVRIAN 236-Piece Metal Erector Set is an educational construction kit designed to foster creativity, problem-solving skills, and fine motor development. This kit allows users to build multiple models, including various vehicles, using metal plates, screws, nuts, and specialized tools. It is suitable for ages 8 and up.



Image: A child carefully observes the diverse components of the MALUVRIAN erector set, including metal plates, screws, nuts, wheels, and plastic accessories, spread across a wooden table.

The set encourages hands-on learning and provides a tangible experience in engineering and mechanics. With 236 pieces, the possibilities for construction are extensive, promoting both guided building and imaginative free play.

PARTS LIST

Before beginning assembly, verify that all components listed below are present in your kit. Refer to the included instruction booklet for detailed visual identification of each part. The kit includes a variety of metal plates, connectors, screws, nuts, wheels, and specialized tools.

- Various sizes and shapes of metal plates (e.g., flat, L-shaped, U-shaped)
- Screws and nuts of different lengths and types
- Wheels and axles
- Plastic connectors and decorative elements
- Wrench and screwdriver for assembly



Image: An assortment of metal and plastic building components, such as perforated plates, small screws, nuts, and a green screwdriver, are organized on a dark wooden surface, ready for assembly.

If any parts are missing or damaged, please contact MALUVRIAN customer support for assistance.

ASSEMBLY INSTRUCTIONS

This kit includes a step-by-step guide for building multiple models. Follow the instructions carefully for the best results. It is recommended to lay out all parts before starting to ensure easy access.

[Your browser does not support the video tag.](#)

Video: This official MALUVRIAN video provides updated, detailed assembly instructions for the various models that can be constructed with the 236-Piece Metal Erector Set. It guides users through each step of the building process.

General Assembly Steps:

1. **Identify Components:** Match the parts from your kit to the illustrations in the instruction manual.
2. **Follow Step-by-Step Diagrams:** Each model has a series of diagrams showing how to connect pieces. Pay close attention to the orientation of parts.

3. **Secure Connections:** Use the provided screws, nuts, and tools to firmly attach components. Do not overtighten, but ensure connections are stable.
4. **Test Movement:** For models with moving parts (e.g., wheels), periodically check that they can move freely as intended during assembly.



Image: An adult and a child are engaged in building, with the adult pointing to a diagram in the instruction manual while the child holds a yellow plastic piece, demonstrating collaborative learning.

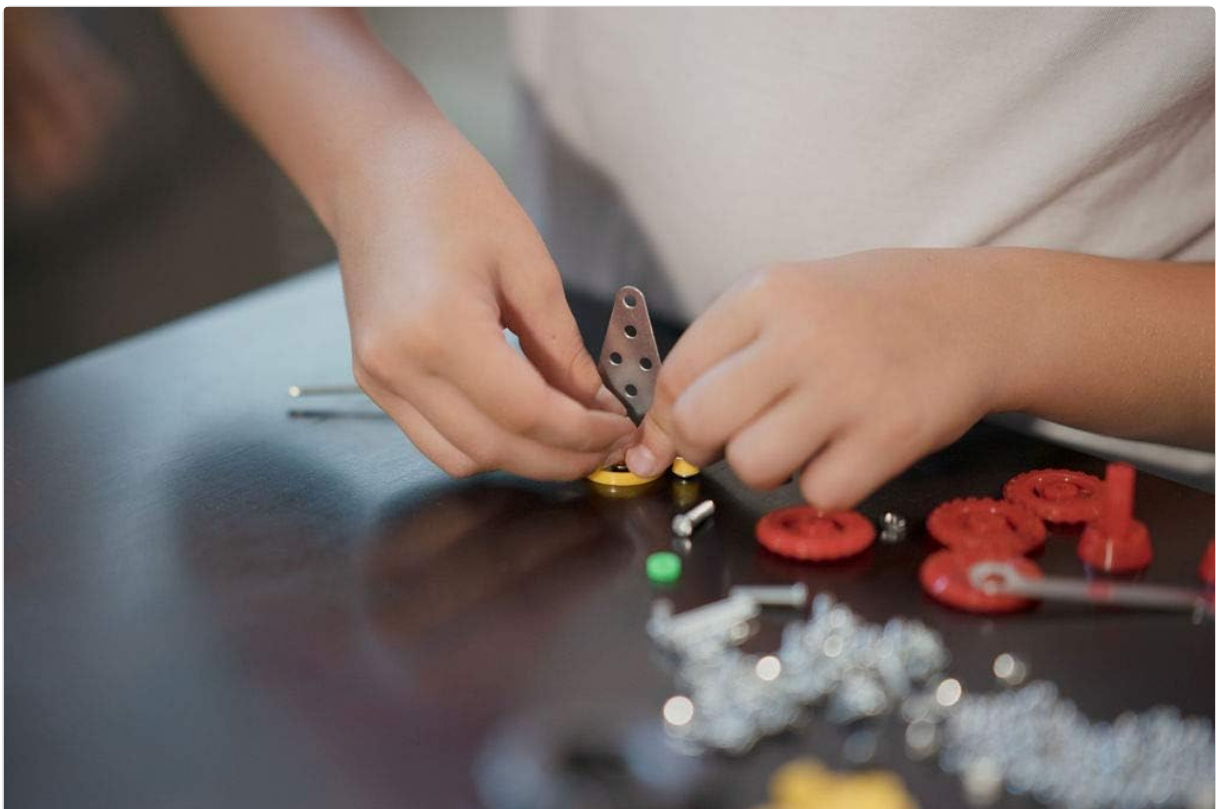


Image: A close-up shot of a child's hands meticulously connecting metal plates and plastic components using a small screwdriver, highlighting the precision involved in the assembly process.



Image: A child is deeply concentrated on building a metal car model, carefully attaching a wheel to the chassis. Various other metal and plastic pieces are spread across the wooden table, indicating an ongoing construction project.

OPERATING THE KIT

Once a model is successfully assembled, it is ready for play. The MALUVRIAN Erector Set is designed for

interactive engagement, allowing users to explore the mechanics of their creations. Encourage experimentation and creative modifications to the base models.

- **Guided Play:** Follow the manual to build specific models and understand their functions.
- **Creative Building:** Use the components to design and construct original creations beyond the provided instructions.
- **Disassembly and Reassembly:** The kit is designed for repeated assembly and disassembly, allowing for continuous learning and new projects.



Image: A young boy smiles proudly as he holds up a completed metal car model, showcasing his successful assembly of the erector set. The car features red wheels and a yellow spoiler.

MAINTENANCE AND CARE

To ensure the longevity of your MALUVRIAN Erector Set, follow these simple maintenance guidelines:

- **Cleaning:** Wipe metal and plastic parts with a dry or slightly damp cloth. Avoid harsh chemicals or abrasive cleaners.
- **Storage:** Store all components in the original packaging or a designated container to prevent loss and damage. Keep the kit in a dry place away from direct sunlight.
- **Inspection:** Periodically check for any worn or damaged parts. Replace as necessary to maintain safety and functionality.

TROUBLESHOOTING

If you encounter any issues during assembly or use, consider the following common solutions:

- **Missing Parts:** Double-check the packaging and assembly area. If a part is genuinely missing, refer to the Warranty and Support section.
- **Difficulty Connecting Parts:** Ensure you are using the correct screws and nuts for the specific connection. Refer to the instruction diagrams for proper alignment. Do not force parts together.

- **Loose Connections:** Tighten screws and nuts firmly with the provided tools. Avoid overtightening, which can strip threads.
- **Model Instability:** Review the assembly steps to ensure all connections are made correctly and securely. Incorrectly placed or loose parts can affect stability.

PRODUCT SPECIFICATIONS

Specification	Detail
Product Dimensions	13.59 x 9.45 x 1.78 inches
Item Weight	1.22 pounds
Manufacturer Recommended Age	8 years and up
Number of Pieces	236
Manufacturer	MALUVRIAN

WARRANTY AND SUPPORT

MALUVRIAN is committed to providing high-quality products. For any questions, concerns, or issues regarding your 236-Piece Metal Erector Set, please contact our customer support team.

While specific warranty details are not provided in this manual, MALUVRIAN strives to ensure customer satisfaction. Please retain your proof of purchase for any support inquiries.

For further assistance, please visit the MALUVRIAN store on Amazon or contact us directly through the platform where you purchased the product.