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Mould King 10206

Mould King 10206 MCL Supercar V8 Engine Transmission Model Kit

Instruction Manual

Introduction

Thank you for choosing the Mould King 10206 MCL Supercar V8 Engine Transmission Model Kit. This kit provides an engaging and educational building experience, allowing you to construct a detailed V8 engine model with functional transmission elements. Designed for enthusiasts aged 14 and up, this set promotes creativity and an understanding of mechanical engineering principles.

Please read this manual carefully before beginning assembly to ensure a smooth and enjoyable building process. Keep this manual for future reference.



Image: The fully assembled Mould King 10206 MCL Supercar V8 Engine Transmission Model Kit, showcasing its intricate design and realistic appearance.

Safety Information

WARNING: CHOKING HAZARD -- Small parts. Not for children under 3 years.

- This product contains small parts and is not suitable for children under 3 years of age due to potential choking hazards.
- Adult supervision is recommended during assembly, especially for younger builders.
- Keep all packaging materials away from children.
- Do not ingest any parts of the kit.
- Dispose of any broken or damaged parts safely.

Package Contents

The Mould King 10206 MCL Supercar V8 Engine Transmission Model Kit includes over 737 high-quality building pieces. Please verify that all parts are present before beginning assembly. Refer to the included parts list in the separate instruction booklet for a detailed inventory.



Image: The Mould King 10206 model kit, highlighting that it contains over 737 pieces for assembly.

Assembly Instructions

The assembly of your Mould King 10206 MCL Supercar V8 Engine Transmission Model Kit is a step-by-step process detailed in the separate, comprehensive instruction booklet provided with your kit. Follow these general guidelines:

1. **Preparation:** Unpack all components and organize them. It is helpful to sort pieces by color, size, or type to facilitate easier identification during assembly.
2. **Follow the Booklet:** Refer to the numbered steps in the instruction booklet. Each step illustrates which pieces are needed and how they connect.
3. **Careful Connection:** Ensure pieces are firmly connected. If a connection feels loose, double-check the orientation and

ensure the correct parts are being used.

4. **Patience is Key:** Building complex models requires patience. Take breaks if needed and enjoy the process.
5. **Review:** After completing each major section, review your work against the diagrams in the booklet to catch any errors early.

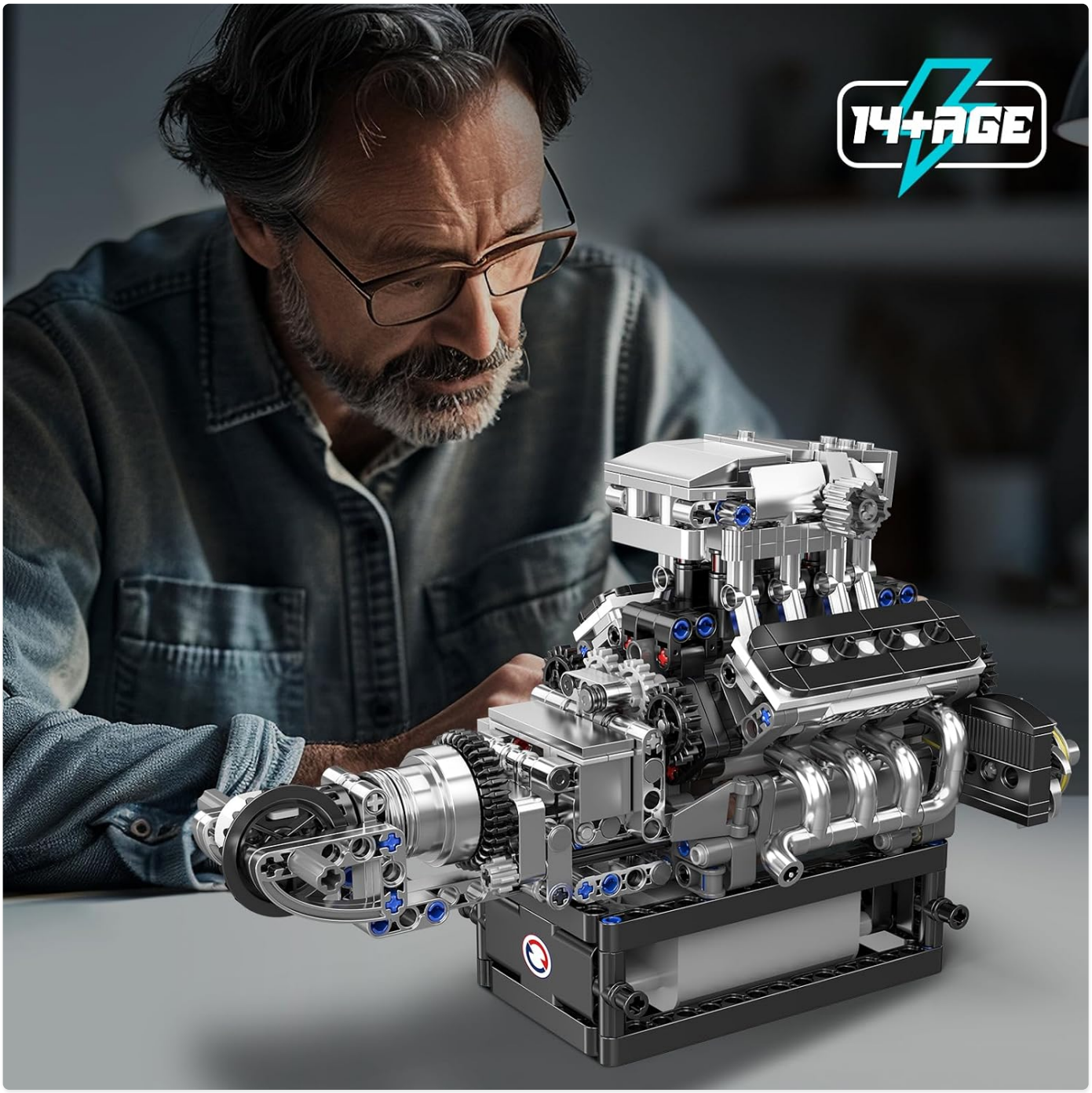

Image: An individual engaged in the assembly of the Mould King 10206 model, demonstrating the hands-on building experience.

Operation

Once assembled, the Mould King 10206 MCL Supercar V8 Engine Transmission Model Kit features functional elements designed to simulate a real V8 engine and transmission. While it is a static display model, certain parts are designed to move manually:

- **Crankshaft and Pistons:** Gently rotate the visible gears or external components to observe the movement of the internal crankshaft and pistons, mimicking a real engine's operation.
- **Transmission Gears:** The model includes a detailed transmission system. Observe how the gears mesh and transfer

motion when the primary drive shaft is rotated.

These movements are intended for educational demonstration and visual appreciation of the mechanical design.

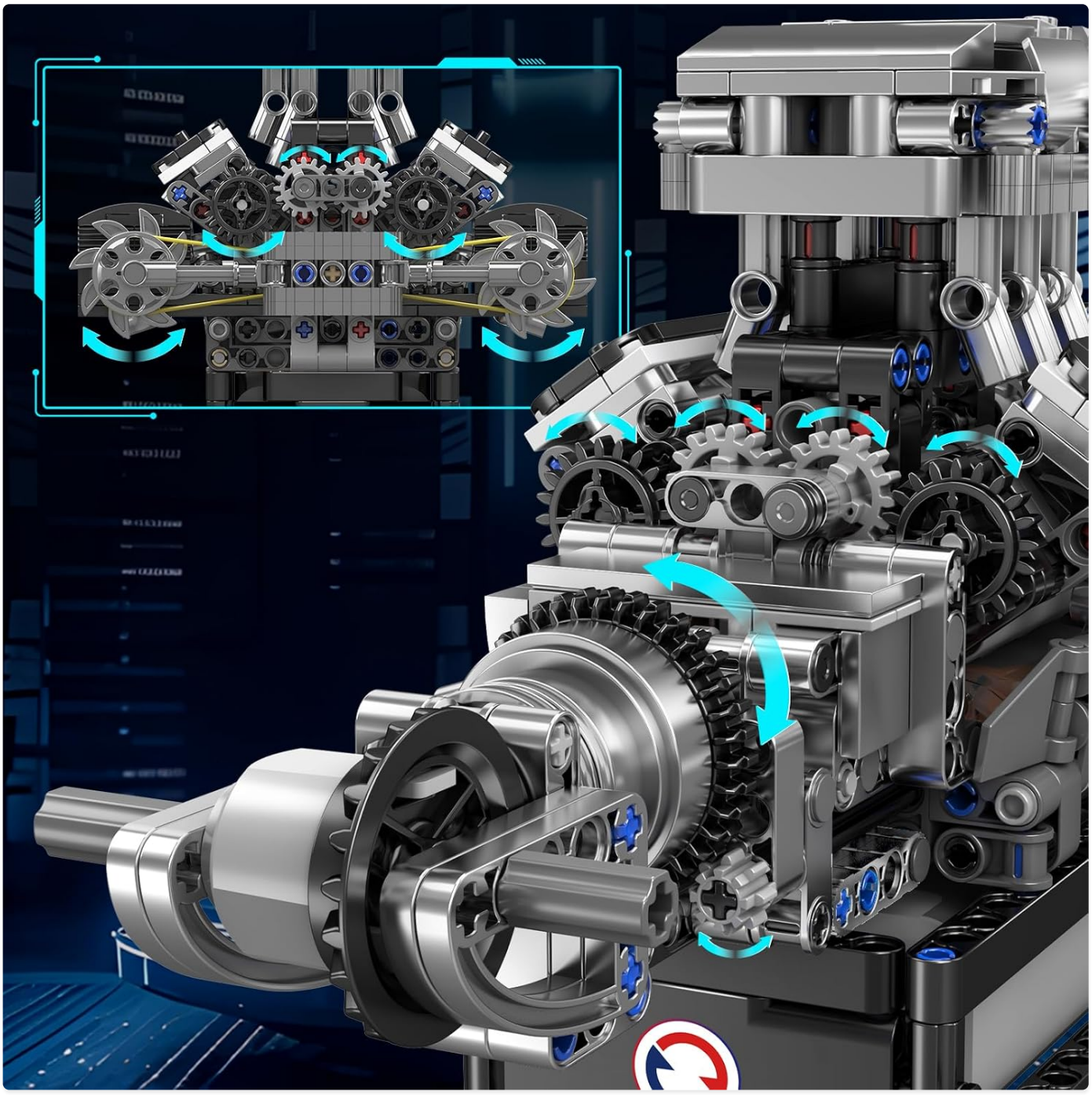

Image: A detailed view of the V8 engine model's internal gears and transmission components, illustrating their interconnected movement.

Maintenance

To ensure the longevity and appearance of your Mould King 10206 model, follow these simple maintenance tips:

- **Cleaning:** Dust the model regularly with a soft, dry cloth or a soft brush. For more stubborn dirt, a slightly damp cloth can be used, but avoid excessive moisture.
- **Storage:** Store the model in a cool, dry place away from direct sunlight to prevent discoloration or material degradation.
- **Handling:** Handle the model carefully to avoid accidental disassembly or damage to delicate parts.
- **Disassembly:** If you need to disassemble parts, do so gently to avoid stressing or breaking the plastic connectors.

Troubleshooting

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

- **Missing Pieces:** Double-check the packaging and surrounding area. If a piece is genuinely missing, contact Mould King customer support with details of the missing part (refer to the parts list in the instruction booklet).
- **Loose Connections:** Ensure all pieces are pressed firmly together. Sometimes, a piece may appear connected but is not fully seated.
- **Incorrect Assembly:** If a section doesn't look right or doesn't fit, carefully backtrack through the instruction booklet steps for that section. It's common to miss a small detail or orient a piece incorrectly.
- **Functional Parts Not Moving:** Verify that all gears and moving components are correctly aligned and free from obstruction. Ensure no pieces are binding the movement.

Specifications

Feature	Detail
Brand Name	Mould King
Model Name	MCL Supercar (Model 10206)
Manufacturer Part Number	WX10206-LYFJP
Number of Pieces	737+
Material Type	Plastic
Theme	Car (V8 Engine, Transmission)
Recommended Age	14 years and up
Educational Objective	Scientific Thinking, Engineering Concepts
Item Dimensions (L x W x H)	10.18 x 4.13 x 5.73 inches (approx. 25.85 x 10.49 x 14.55 cm)
UPC	705736914019

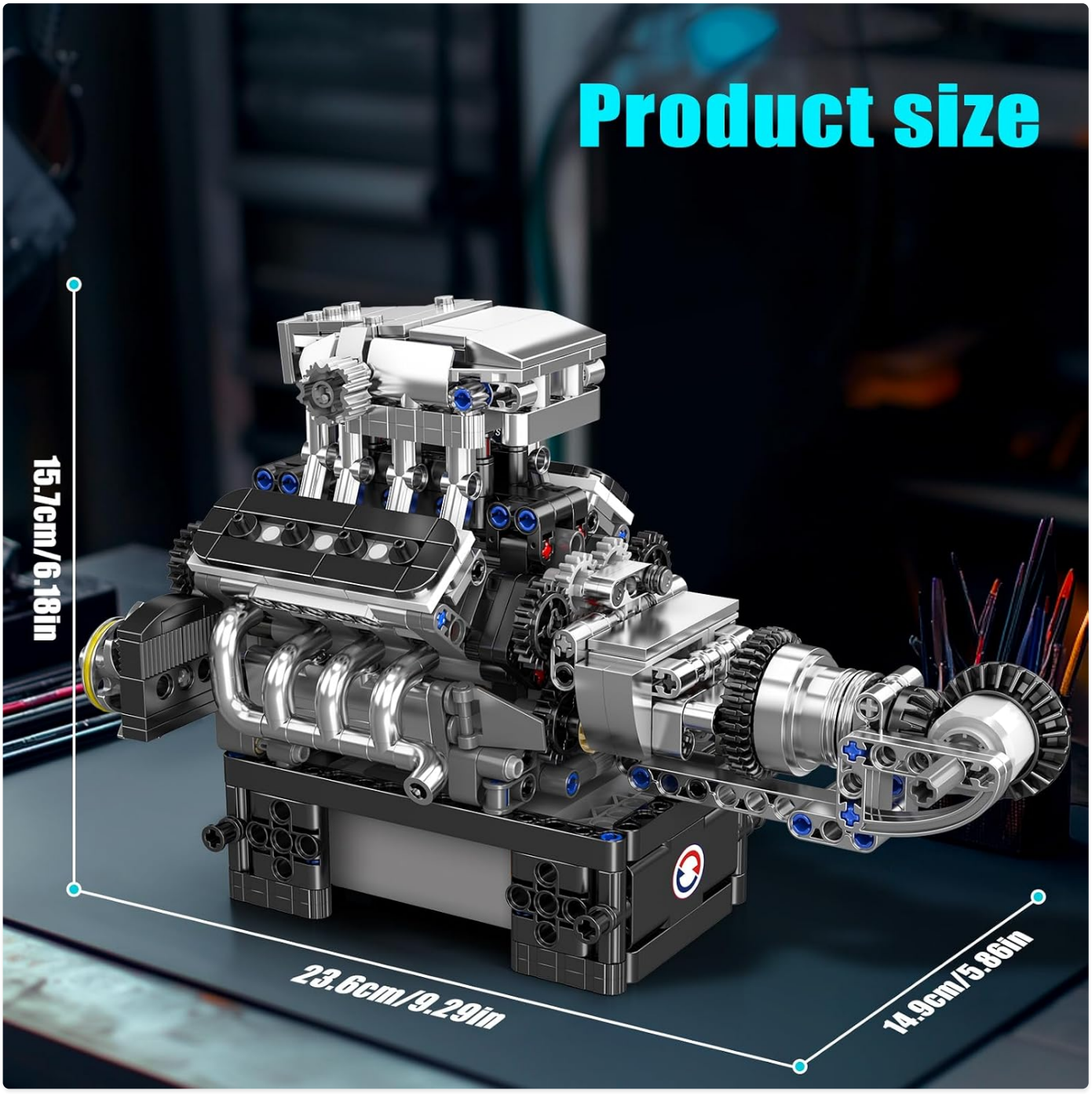

Image: The Mould King 10206 model displaying its approximate dimensions: 10.18 inches length, 4.13 inches width, and 5.73 inches height.

Warranty and Support

Mould King provides a **1-Year Warranty On Parts** for this product. This warranty covers manufacturing defects and missing parts. Please retain your proof of purchase.

For warranty claims, missing parts, or any other support inquiries, please contact Mould King customer service. You can typically find contact information on the product packaging or through the official Mould King website.

Note: No official product videos from the seller were available for embedding in this manual.

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