

Mould King WX10201

Mould King 10201 Technik W16 Engine Building Kit

Model: WX10201

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Mould King 10201 Technik W16 Engine Building Kit. This advanced construction set allows you to build a detailed replica of a W16 engine, offering an engaging STEM learning experience. Please read this manual thoroughly before beginning assembly.

2. PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and undamaged. The kit includes:

- Approximately 2024 building block pieces, individually packaged in numbered bags.
- One detailed instruction manual for assembly.
- Required electronic components for motor function.

If any parts are missing or damaged, please refer to the "Support and Warranty" section for assistance.

3. SAFETY INFORMATION

- **Age Recommendation:** This product is recommended for individuals aged 14 years and older due to the complexity of assembly and the presence of small parts.
- **Small Parts Warning:** This kit contains small parts which may pose a choking hazard for children under 3 years of age. Keep all components out of reach of young children.
- **Battery Safety:** Ensure batteries are inserted with correct polarity. Do not mix old and new batteries, or different types of batteries. Remove batteries if the model will not be used for an extended period.
- **Handling:** Handle components carefully to avoid breakage.

4. SETUP AND ASSEMBLY

Follow the included step-by-step instruction manual carefully for assembly. The building process is divided into logical stages to ensure a smooth experience.

1. **Unpack and Organize:** Open the packaging and sort the individually numbered bags of building blocks. It is recommended to open bags only as instructed in the manual to avoid mixing parts.

2. **Follow Instructions:** Refer to the dedicated assembly manual provided in the box. Each step is illustrated to guide you through the construction of the W16 engine.
3. **Battery Installation:** Once the engine assembly is complete and before operating, locate the battery compartment. This model requires 6 AAA batteries (not included). Insert the batteries according to the polarity markings (+/-) inside the compartment. Securely close the battery compartment cover.



Figure 1: Fully assembled Mould King W16 Engine model.

BUG SUPERCAR W16 ENGINE

2040+pcs building block assembly

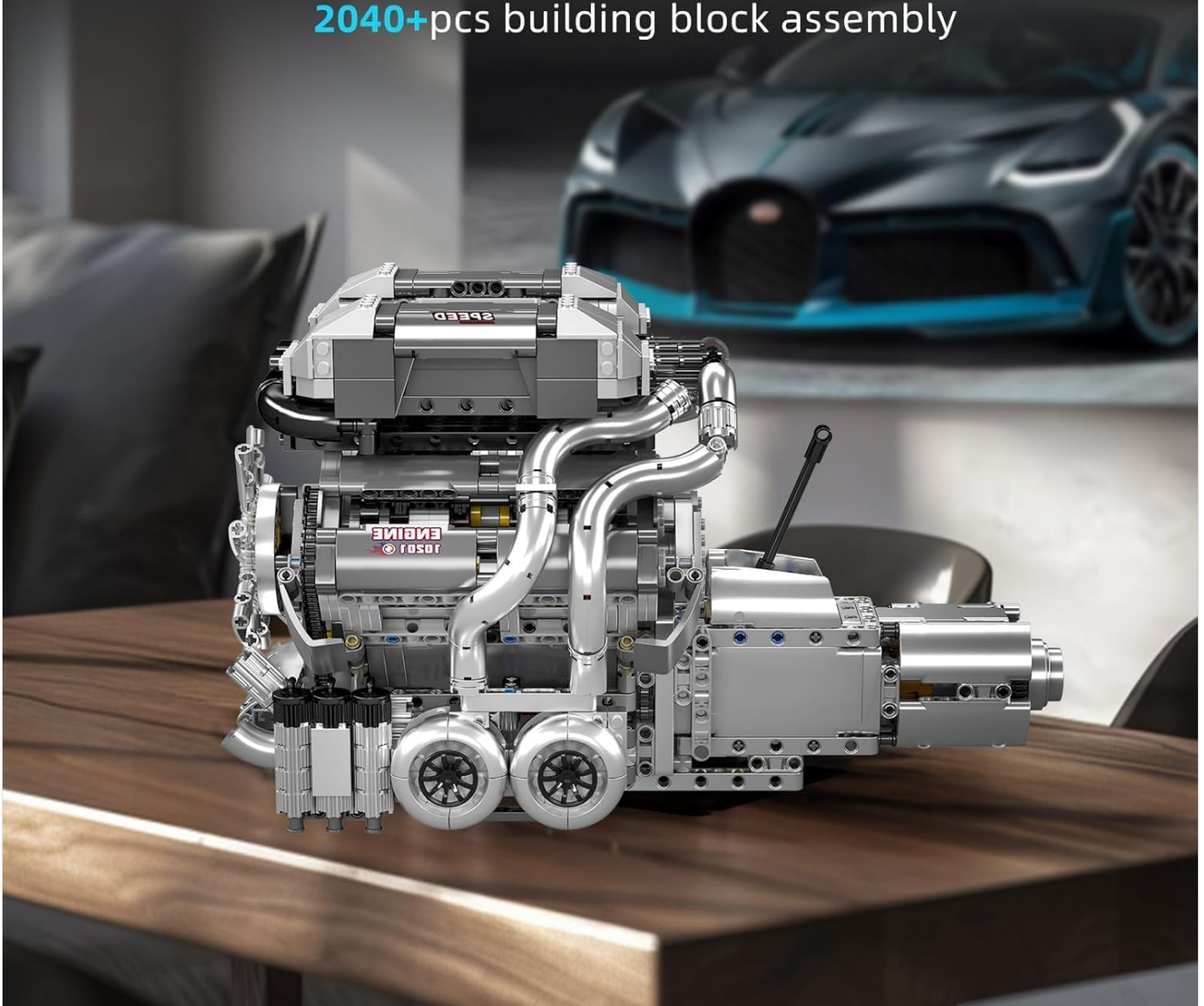


Figure 2: Close-up of the assembled W16 engine, highlighting its mechanical details.

5. OPERATING INSTRUCTIONS

After successful assembly and battery installation, your Mould King W16 engine model is ready for operation.

1. **Power On:** Locate the power switch on the assembled engine model. Flip the switch to the "ON" position.
2. **Observe Operation:** The internal mechanisms of the engine model will begin to move, simulating the operation of a real W16 engine.
3. **Power Off:** To stop the engine, flip the power switch to the "OFF" position.

Note: The engine's operation is designed for display and educational purposes, demonstrating mechanical principles.

6. MAINTENANCE

- **Cleaning:** To clean the model, gently wipe it with a dry, soft cloth. Avoid using water or chemical cleaners, as these may damage the plastic components or electronic parts.

- **Storage:** Store the assembled model in a cool, dry place away from direct sunlight and extreme temperatures to prevent material degradation.
- **Battery Removal:** If the model will not be used for an extended period, remove the AAA batteries to prevent leakage and potential damage to the electronic components.

7. TROUBLESHOOTING

- **Missing or Damaged Parts:** If you discover any missing or damaged parts during assembly, please contact customer support as detailed in the "Support and Warranty" section. Provide the part number (if available from the manual) and a description of the issue.
- **Engine Not Operating:**
 - Ensure batteries are correctly installed with the correct polarity.
 - Check if the batteries are fresh and fully charged.
 - Verify that the power switch is in the "ON" position.
 - Inspect for any blockages or misaligned parts that might be preventing movement.
- **Loose Connections:** During assembly, ensure all connections are firm. If parts feel loose after assembly, gently re-secure them.

8. SPECIFICATIONS

Feature	Detail
Model Number	WX10201
Brand	Mould King
Number of Pieces	2024
Dimensions (L x W x H)	45 x 10 x 30 cm
Weight	2.18 kg
Material	Plastic
Power Source	6 x AAA Batteries (not included)
Recommended Age	14+ years
Educational Objective	Motor skills, Creative thinking
Special Features	Battery-operated, STEM learning function
Color	Grey, Silver, Black

9. SUPPORT AND WARRANTY

Mould King is committed to providing high-quality products and customer satisfaction. If you encounter any issues with your Mould King 10201 Technik W16 Engine Building Kit, including missing parts, damaged components, or operational problems, please contact our customer support team.

For support, please refer to the contact information provided in your product packaging or visit the official Mould King website. When contacting support, please have your model number (WX10201) and purchase details ready.

All our products undergo strict quality control. If you are not satisfied with your product, please contact us at any time for assistance.

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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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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