

15892

MAD RC Mini V8 Engine Model Kit Instruction Manual

Model: 15892

INTRODUCTION

This instruction manual provides detailed guidance for the assembly, operation, and maintenance of your MAD RC Mini V8 Engine Model Kit. This kit is designed to offer an educational and engaging experience, allowing you to build a functional miniature V8 engine model. Please read all instructions carefully before beginning assembly or operation.

SAFETY INFORMATION

The MAD RC Mini V8 Engine Model Kit is constructed from PLA high-precision 3D printed material, not metal. It contains small and delicate parts. Exercise caution during assembly and handling to prevent damage or injury. This product is intended for adult use.

SETUP AND ASSEMBLY

The Mini V8 Engine Kit is provided as a set of parts requiring DIY assembly. Approximately 95% of the parts are pre-painted, with the remaining 5% requiring finishing. Follow the step-by-step process to ensure a fulfilling building experience. AA batteries are required for operation and are not included in this kit.

Build Your Own Car V8 Engine

Simulation Design with Real V8 Engine Structure Principle



Note: This product is made of PLA Plastic. Not made of metal material!

This image shows the various disassembled parts of the MAD RC Mini V8 Engine Kit, ready for assembly. Below it, an assembled engine is displayed with its dimensions: 6cm (2.36in) length, 6.4cm (2.5in) width, and 5.5cm (2.16in) height. A note indicates the product is made of PLA plastic, not metal.

RC Full Simulation Engine

Actual Drive Structure of Pulley Winding

*Generators, air-conditioning compressors,
power steering pumps, water pumps, etc.*



Full Simulated Oil Pan Structure

Power driver board plug connector



Complete with Output Flywheel

And tiered cylinder heads, head covers, etc.



Intake Channel Simulation Structure

Screw-type valves for near and far side



This composite image presents four distinct views of the MAD RC Mini V8 Engine. It illustrates the actual drive structure of the pulley winding, the full simulated oil pan structure with a power driver board plug connector, the complete output flywheel, and the intake channel simulation structure with screw-type valves.

This video provides a brief overview of the MAD RC Mini V8 Engine Model Kit, highlighting its detailed components and the assembly process. It offers a quick look at the model from various angles.

OPERATING INSTRUCTIONS

The MAD RC Mini V8 Engine Kit is designed to be functional and replicate the operation of a real V8 engine. Once assembled and powered by AA batteries (not included), the engine will run, providing a dynamic and realistic experience. The full bearing structure in the drive section ensures stability and reliability during operation.

Mini V8 Engine Kits that Runs

MAD V8 Engine



All Bearing Stucture

**Increased engine stability and reliability
when driving**

This image displays the assembled MAD RC Mini V8 Engine Kit, highlighting its internal full bearing structure designed for enhanced stability and reliability during operation. The engine is mounted on a display stand.

This video demonstrates the MAD RC Mini V8 Engine Kit in operation, showcasing its functional movement and realistic engine sounds. It provides a visual guide to the engine's running capabilities.

MAINTENANCE

As the engine kit is made from PLA high-precision 3D printed material, its parts are delicate. Handle the model with care during use and storage. Avoid exposing the model to extreme temperatures or direct sunlight for prolonged periods, as this can affect the PLA material. Clean the model gently with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.

TROUBLESHOOTING

If the engine does not operate as expected after assembly, consider the following:

- **Battery Check:** Ensure fresh AA batteries are correctly installed with the proper polarity.
- **Connections:** Verify all electrical connections are secure and properly seated.
- **Obstructions:** Check for any physical obstructions preventing the movement of gears or pulleys.
- **Assembly Review:** Re-examine the assembly steps to confirm all parts are correctly positioned and secured according to the instructions.

SPECIFICATIONS

- **Model Name:** MAD Mini V8 Engine Kits
- **Model Number:** 15892
- **Brand:** Generic
- **Material:** PLA (3D Printed)
- **Item Dimensions (L x W x H):** 2.36 x 2.5 x 2.16 inches (6 x 6.4 x 5.5 cm)
- **Age Range:** Adult
- **Power Source:** AA Batteries (not included)
- **Compatibility:** Suitable for model cars such as AX90104, SCX10 II, Capra, and VS4-10 Pro/Ultra.

Suitable for a Variety of Car Models

such as AX90104, SCX10 II, Capra, VS4-10 Origin/Pro/Ultra



+



Capra Stand

Capra protective cover

Capra Installation Effect



VS4-10 Stand

Support Origin/Pro/Ultra

VS4-10 Installation Effect



XA90104, SCX10 II Stand

XA90104, SCX10 II Installation Effect



***Note: Package not include installation stand, please order separately if necessary**

This image demonstrates the compatibility of the MAD RC Mini V8 Engine Kit with various RC car models. It shows how the engine can be integrated with Capra, VS4-10, and AX90104/SCX10 II chassis, along with their respective stand requirements. A note clarifies that the installation stand is not included and must be ordered separately.

WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available documentation. For any support inquiries or issues not covered in this manual, please refer to the retailer or manufacturer's contact information provided at the point of purchase.