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Engino 1031

Engino Creative Builder 10 Multimodel Set (Model 1031) Instruction Manual

1. INTRODUCTION

This manual provides instructions for the Engino Creative Builder 10 Multimodel Set, Model 1031. This STEM engineering kit is designed for children aged 6-9 years to explore construction and engineering principles through building various models. The set includes components for constructing 10 different vehicle models.

2. WHAT'S INCLUDED

The Engino Creative Builder 10 Multimodel Set contains the following items:

- 51 precision-engineered building pieces
- 1 printed instruction manual for one model
- 1 extraction tool for disassembly

Building Instructions

1 model
printed instructions
(included)

9 models
online 3D instructions

PRINTED INSTRUCTIONS INCLUDED

The set includes printed instructions for one model, along with various building components like wheels and connectors.

3. SETUP AND ASSEMBLY

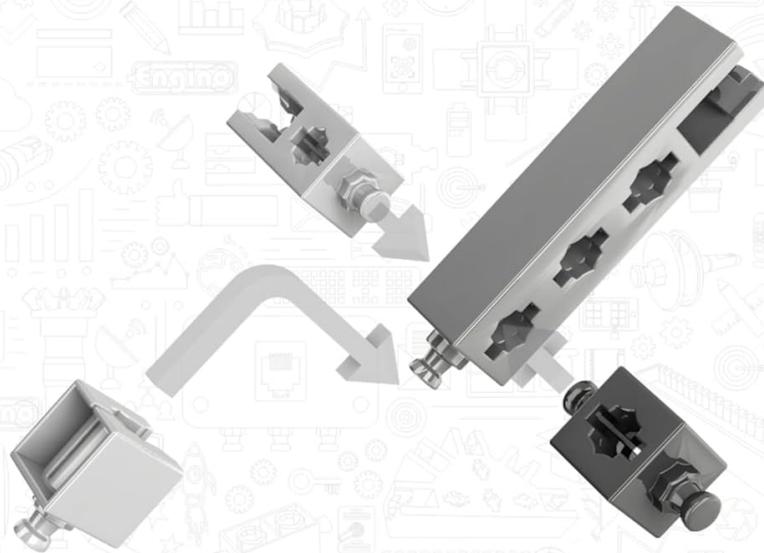
The Engino Creative Builder set utilizes a patented snap-fit system for connecting parts. This system allows for easy assembly and secure connections.

3.1 Connecting Parts

To connect two Engino parts, align the connectors and press them together until you hear or feel a 'snap'. Ensure the connection is firm. Some parts may require connection from the side or at 45-degree angles for proper fit.

PATENTED CONNECTING SYSTEM:

With only a few snap-fit parts you can build fast and easy many different models!



CREATIVE SNAP FIT SYSTEM

This diagram demonstrates how Engino parts connect using the patented snap-fit system, allowing for versatile construction.

3.2 Following Instructions

The set includes printed instructions for building one primary model. For the remaining nine models, interactive 3D instructions are available through the Engino kidCAD 3D viewer application.

- **Printed Instructions:** Follow the step-by-step diagrams provided in the included booklet.
- **Engino kidCAD App:** Download the free Engino kidCAD 3D viewer app from Google Play or the Apple App Store. The app allows you to rotate, zoom in and out, and view models in an exploded or imploded state for clear assembly guidance.

Engino kidCAD (3D Viewer)



- ROTATE IN 3D!
- ZOOM IN AND OUT!
- EXPLODE AND IMplode!
- FIND AND EXPLORE MORE MODELS!



3D interactive instructions
to download on your smart device



FREE APP TO VIEW 3D MODELS

The Engino kidCAD 3D viewer app provides interactive 3D instructions for additional models, available on Google Play and the App Store.

3.3 Disassembly with Extraction Tool

To disassemble parts, use the included extraction tool. There are two methods:

1. **Option 1 (Small Parts):** Squeeze the tool to gently separate smaller connected pieces.
2. **Option 2 (Locked Parts):** Push the tool into the designated hole to release a locked part.



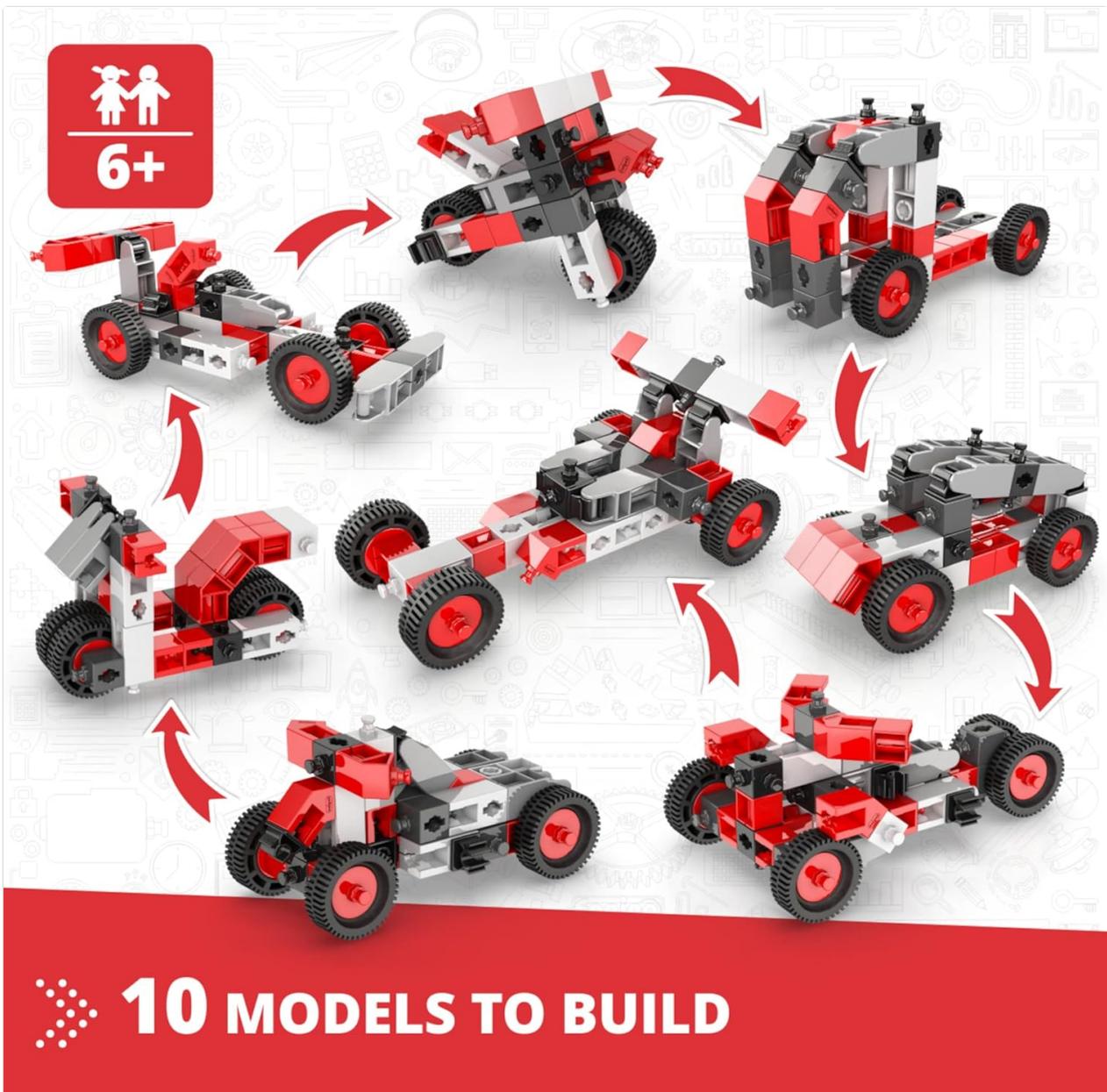
The included extraction tool facilitates easy disassembly of connected parts, with two options for use: squeezing for small parts or pushing into holes for locked parts.

4. OPERATING INSTRUCTIONS

Once a model is assembled, it can be used for play and exploration. The robust design ensures that models remain intact during use. The primary operation involves the physical manipulation of the assembled models.

4.1 Building Multiple Models

The set allows for the construction of 10 distinct vehicle models. After completing one model, disassemble it using the extraction tool and follow the instructions for a different model to explore new designs and engineering concepts.



This image illustrates the variety of models achievable with the Engino Creative Builder 10 Multimodel Set, including cars, motorcycles, and other vehicles.

5. MAINTENANCE

To ensure the longevity of your Engino Creative Builder set, follow these maintenance guidelines:

- **Cleaning:** Wipe parts with a damp cloth if they become dirty. Avoid harsh chemicals or abrasive cleaners.
- **Storage:** Store all parts in a dry, cool place away from direct sunlight. Keep small parts in a container to prevent loss.
- **Inspection:** Periodically inspect parts for any damage or wear. Replace any broken components if necessary.

6. TROUBLESHOOTING

If you encounter issues while using your Engino Creative Builder set, consider the following:

- **Difficulty Connecting Parts:** Ensure parts are aligned correctly. Some connections may require a firm push or a specific angle (e.g., 45 degrees) to snap into place.

- **Difficulty Disassembling Parts:** Use the provided extraction tool as described in Section 3.3. Do not force parts apart, as this may cause damage.
- **App Issues (Engino kidCAD):** Ensure your device meets the app's system requirements. Check for app updates in your device's app store. If issues persist, try reinstalling the app.
- **Missing Pieces:** Carefully check all packaging materials. If pieces are genuinely missing, contact Engino customer support.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	8.66 x 6.3 x 2.17 inches
Item Weight	6.4 ounces
Model Number	1031
Manufacturer Recommended Age	6 - 9 years
ASIN	B0BJ1F7DCW

8. SAFETY INFORMATION

For external use only. This product contains small parts and is not suitable for children under 3 years due to choking hazards. Adult supervision is recommended for all users, especially those at the lower end of the recommended age range.

9. WARRANTY AND SUPPORT

Warranty information for the Engino Creative Builder 10 Multimodel Set is typically provided with the product packaging. For specific warranty details or customer support inquiries, please refer to the contact information provided by Engino or visit the official Engino website.