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› Discovery #MINDBLOWN Early Engineers 87-Piece Building Set Instruction Manual

Discovery Kids 1423011220

Discovery #MINDBLOWN Early Engineers 87-Piece Building Set

MODEL: 1423011220

Introduction

The Discovery #MINDBLOWN Early Engineers 87-Piece Building Set is designed to introduce young builders to fundamental engineering concepts through hands-on construction. This set allows for the creation of various models, including rovers, spaceships, and cyber bugs, using a single, easy-to-use ratchet tool. It encourages creativity, problem-solving, and the development of fine motor skills.

Safety Information

- **Age Recommendation:** This building set is recommended for ages 3 and up.
- **Small Parts Warning:** The set contains small parts which may pose a choking hazard for children under 3 years of age. Adult supervision is recommended.
- **Proper Use:** Ensure all pieces are securely fastened during assembly and play to prevent accidental detachment.
- **Disposal:** Dispose of packaging materials responsibly.

Package Contents

Your Discovery #MINDBLOWN Early Engineers 87-Piece Building Set includes the following components:

- 87 assorted building pieces (brackets, wheels, nuts, screws, etc.)
- 1 easy-to-use ratchet tool
- Instruction manual (this document)



Image: All 87 pieces of the Discovery #MINDBLOWN Early Engineers set laid out, including various colored brackets, wheels, nuts, screws, and the ratchet tool.

Setup

Before beginning assembly, unpack all components from the box and verify that all 87 pieces and the ratchet tool are present. Refer to the package contents section for a visual guide of all included parts.



Image: The retail packaging for the Discovery #MINDBLOWN Early Engineers 87-Piece Building Set, showing various models that can be constructed.

The building process is simplified with the single ratchet tool provided. This tool is designed to securely connect all nuts and screws, making assembly straightforward for young engineers.



Image: A close-up view of various colorful building pieces and the white ratchet tool, ready for assembly.

Operating Instructions

The Discovery #MINDBLOWN Early Engineers set allows for both guided and imaginative construction. Use the included ratchet tool to connect the various brackets, wheels, nuts, and screws to form your desired creations.

Using the Ratchet Tool

The ratchet tool is designed for easy gripping and turning. Place the hexagonal opening of the tool over a nut or screw head and turn clockwise to tighten, or counter-clockwise to loosen. The ratcheting mechanism allows for continuous turning without repositioning the tool.

**1 TOOL
CONNECTS
EVERYTHING**

**BUILD
UNIQUE
CREATIONS**



Image: A hand holding the white ratchet tool, highlighting its hexagonal head for connecting pieces.

Building Creations

You can follow the included visual guides (if any are provided in the physical packaging) or use your imagination to build unique structures. Here are examples of models you can create:

Cyber Bug

CYBER BUG



Image: An assembled Cyber Bug model, featuring multiple colored pieces, wheels, and large eyes.

Digi-Bull

DIGI BULL

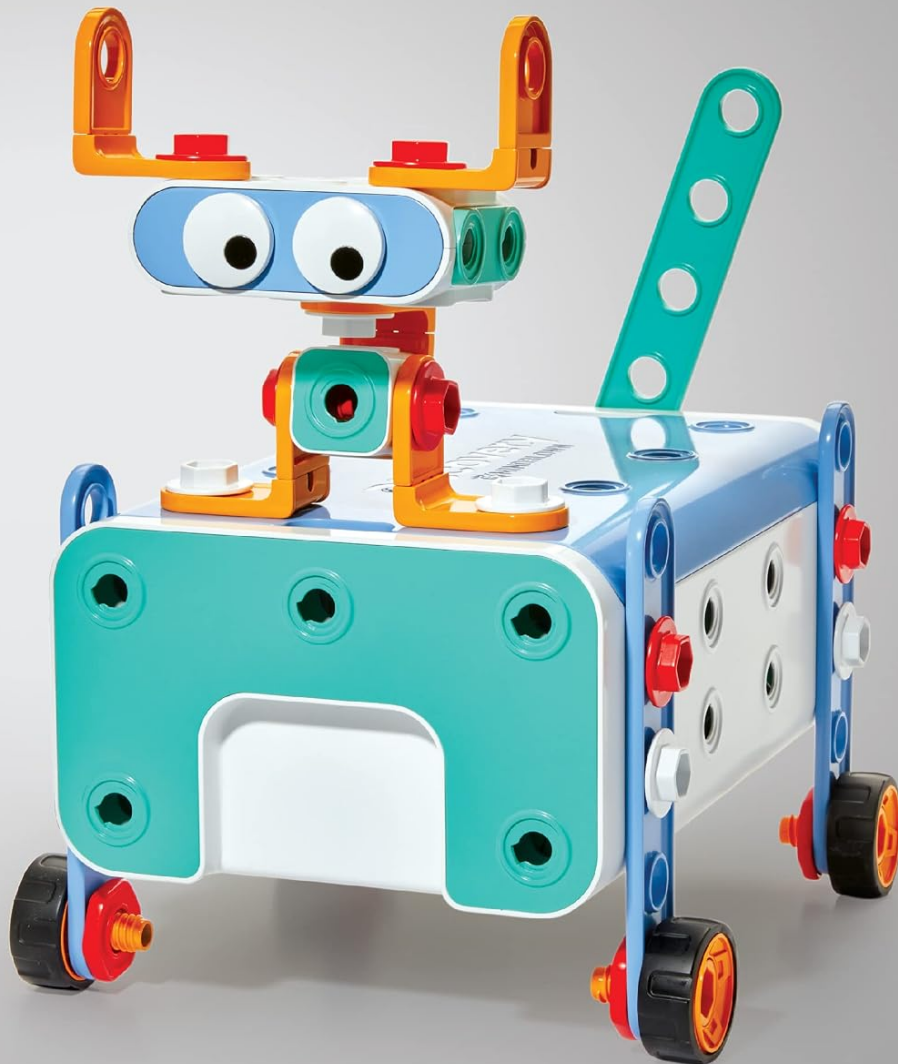


Image: An assembled Digi-Bull model, resembling a robotic bull with wheels and various colored components.

K-9 Rover

K-9 ROVER



Image: An assembled K-9 Rover model, designed like a robotic dog with wheels and an articulated head.

Spaceship



EARLY ENGINEERS

87-PIECE BUILDING SET

87
PIECES

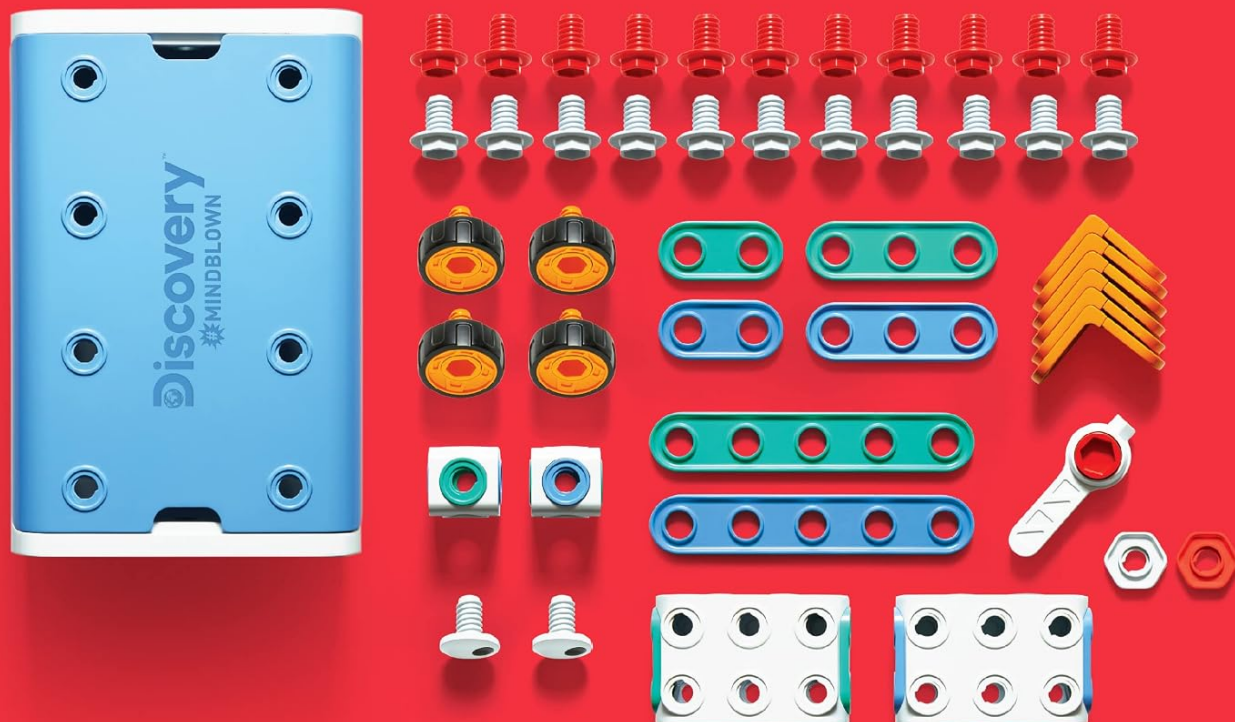


Image: An assembled Spaceship model, featuring a flat base with attached wings and engines, constructed from the building pieces.

Demonstration Video

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Video: A demonstration of the Discovery #MINDBLOWN Early Engineers Building Set, showcasing the assembly process and various creations.

Maintenance

- **Cleaning:** To clean the building pieces, wipe them with a damp cloth. Do not immerse the ratchet tool in water.
- **Storage:** Store all pieces in a dry, cool place, preferably in their original packaging or a designated storage container, to prevent loss and damage.
- **Inspection:** Periodically inspect all pieces for wear or damage. Discontinue use if any part is broken or compromised.

Troubleshooting

- **Pieces not fitting:** Ensure you are using the correct nuts and screws for the corresponding holes. Apply gentle pressure and ensure alignment.
- **Missing parts:** Carefully check the packaging and surrounding area for any small pieces that may have been overlooked. If parts are genuinely missing, contact customer support.
- **Difficulty with ratchet tool:** Ensure the tool is properly seated over the nut or screw head. If it slips, adjust your grip and angle.

Specifications

Product Dimensions	3.15 x 5.91 x 0.39 inches
Item Weight	1.1 pounds
ASIN	B0BSCB9SC2
Item Model Number	1423011220
Manufacturer	Merchsource

Warranty and Support

For warranty information or product support, please contact the manufacturer, Merchsource, directly. Refer to the product packaging for specific contact details or visit their official website.