



[Manuals.plus](#) /

> [COBI](#) /

> COBI Bell Boeing V-22 Osprey 1090 Piece Building Set Instruction Manual

**COBI 5836**

# COBI Bell Boeing V-22 Osprey Building Set

Model: 5836 | 1090 Pieces

## INTRODUCTION

---

This instruction manual provides detailed guidance for the assembly, operation, and maintenance of your COBI Bell Boeing V-22 Osprey building set. This model, consisting of 1090 high-quality building blocks, allows for the construction of a realistic replica of the iconic tiltrotor aircraft. Please read all instructions carefully before beginning assembly.



Image: The fully assembled COBI Bell Boeing V-22 Osprey model, showcasing its detailed design and tiltrotor configuration.

## SAFETY INFORMATION

---

**Warning: Choking Hazard.** This product contains small parts and is not suitable for children under 3 years of age. Adult supervision is recommended during assembly and play. Keep all packaging materials away from children.

- Ensure all parts are kept out of reach of small children to prevent accidental ingestion.
- Do not attempt to modify the building blocks or assembled model, as this may compromise structural integrity.
- Dispose of packaging responsibly.

## PACKAGE CONTENTS

---

Verify that all components are present before starting assembly. The package should contain:

- 1090 COBI building blocks, sorted by type and color.
- Detailed instruction manual (this document, or a printed version).
- Branded storage box.

- Pilot figures (as shown in images).



Image: A COBI pilot figure, included with the set, wearing a green flight suit and holding a headset.



Image: Another COBI pilot figure, featuring a white helmet and green flight suit, ready for the cockpit.

## ASSEMBLY INSTRUCTIONS

---

Follow the step-by-step diagrams provided in the physical instruction booklet included with your set. The assembly process is divided into logical stages, starting with the main fuselage and progressing to wings, rotors, and detailed features. Ensure each block is firmly connected to achieve a stable and durable model.

1. **Preparation:** Unpack all building blocks and organize them by color and type to facilitate easier assembly.
2. **Fuselage Construction:** Begin by building the central body of the V-22 Osprey, paying close attention to the structural integrity.
3. **Wing and Nacelle Assembly:** Attach the wings and construct the distinctive tiltrotor nacelles, ensuring they are correctly oriented for the tilting mechanism.
4. **Rotor Installation:** Securely attach the rotor blades to the nacelles.
5. **Landing Gear:** Assemble and integrate the retractable landing gear components.
6. **Detailing:** Add smaller elements such as the cockpit, rear ramp, and any included figures.

Refer to the physical manual for precise block placement and sequence. The following images highlight key functional aspects of the assembled model.

## OPERATING FEATURES

---

The COBI Bell Boeing V-22 Osprey model incorporates several movable features designed to enhance realism and playability:

- **Tiltrotors:** The engine nacelles, housing the rotors, can be rotated to simulate vertical take-off/landing (VTOL) and horizontal flight modes.
- **Opening Cockpit:** The cockpit canopy can be opened to place or remove pilot figures.
- **Rear Loading Ramp:** The rear ramp can be lowered to simulate cargo loading or troop deployment.
- **Retractable Landing Gear:** The landing gear can be extended for landing or retracted for flight.

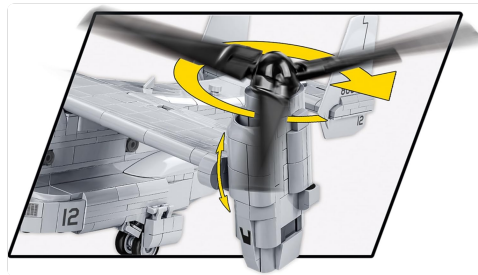


Image: Diagram illustrating the rotational movement of the V-22 Osprey's engine nacelles and rotors, allowing for tiltrotor functionality.

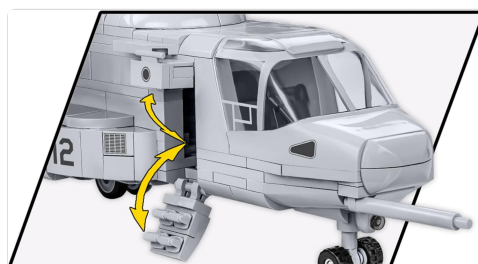


Image: Diagram showing the opening mechanism of the cockpit door, providing access to the interior for pilot figures.



Image: Diagram depicting the movable rear loading ramp and adjustable tail flaps of the V-22 Osprey model.

## MAINTENANCE

---

To ensure the longevity and appearance of your COBI building set, follow these simple maintenance guidelines:

- **Cleaning:** Dust the model regularly with a soft, dry cloth or a soft brush. For more thorough cleaning, gently wipe with a damp cloth and mild soap solution, then dry immediately. Avoid harsh chemicals or abrasive cleaners.
- **Storage:** Store the model in a cool, dry place away from direct sunlight to prevent discoloration or warping of the plastic blocks.
- **Handling:** Handle the model carefully, especially when adjusting movable parts, to avoid accidental detachment of blocks.

## TROUBLESHOOTING

---

Problem	Solution
---------	----------

Problem	Solution
Missing or damaged parts	Carefully check all packaging materials. If parts are genuinely missing or damaged, contact COBI customer support with your product model number (5836) and a description of the issue.
Blocks do not connect securely	Ensure blocks are correctly aligned and pressed firmly together. Some new blocks may require slightly more force initially. Verify you are using the correct blocks as per the instruction manual.
Movable parts are stiff or do not move	Check for any misaligned blocks or obstructions. Ensure the assembly steps for the movable components were followed precisely. Do not force movement, as this may cause damage.

## SPECIFICATIONS

<b>Brand:</b>	COBI
<b>Model Name:</b>	Bell Boeing V-22 Osprey
<b>Model Number:</b>	5836
<b>Number of Pieces:</b>	1090
<b>Assembled Dimensions (approx.):</b>	Length: 39 cm (15.4 inches), Width: 50 cm (19.7 inches, rotors extended), Height: 15 cm (5.9 inches)
<b>Material Type:</b>	High-quality plastic (Imported)
<b>Recommended Age:</b>	Kid (Target Audience: Children and Adult Hobbyists)
<b>Educational Objective:</b>	Imagination Development

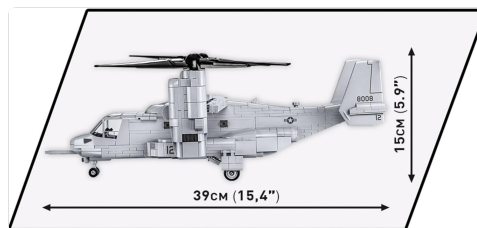


Image: Side view of the assembled model with approximate length (39cm / 15.4") and height (15cm / 5.9") dimensions.

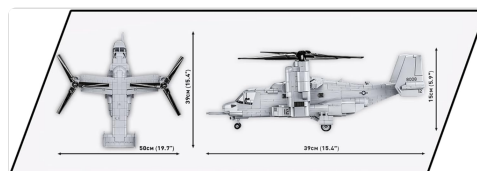


Image: Top and side views of the assembled model, showing approximate dimensions including width (50cm / 19.7") with rotors extended.

## WARRANTY AND SUPPORT

This COBI product comes with a manufacturer's warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty card included in your product packaging or visit the official COBI website. For customer support, including inquiries about missing parts or assembly assistance, please contact COBI

directly through their official channels.

**Manufacturer:** Cobi

**Included Components:** Blocks, Instruction Manual, Branded Box