

LEGO 76216

LEGO Marvel Iron Man Armory (76216) Building Set Instruction Manual

Brand: LEGO | Model: 76216

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1. INTRODUCTION

The LEGO Marvel Iron Man Armory (76216) building set offers an immersive experience for fans aged 7 and up, recreating Tony Stark's high-tech headquarters. This versatile playset includes authentic details and features from Marvel Studios' Infinity Saga movies, providing endless imaginative build-and-play possibilities.

Key features of this set include:

- Tony Stark's Hall of Armor room with high-tech Iron Man suits and a workshop area.
- Five minifigures: Tony Stark, Pepper Potts, Nick Fury, War Machine, and Whiplash.
- Three high-tech battle suits: MK3, MK25, and MK85.
- A toy sports car with a Stark Expo model-map.
- A robot assistant arm, workshop area with tools, three holographic displays, and a changing platform.
- Digital building instructions available via the LEGO Building Instructions app, offering zoom and rotate functions during construction.



Image 1.1: The complete LEGO Marvel Iron Man Armory (76216) set, showcasing the Hall of Armor, various minifigures, the sports car, and workshop accessories.

2. SETUP & ASSEMBLY

The LEGO Marvel Iron Man Armory (76216) set contains 496 LEGO building elements. Follow the step-by-step instructions provided in the included instruction manual or via the LEGO Building Instructions app for a smooth assembly process.

2.1 Unboxing and Preparation

- Carefully open the product packaging.
- Verify that all numbered bags of LEGO elements, the sticker sheet, and the instruction manual are present.
- Organize the LEGO elements by opening one numbered bag at a time, corresponding to the assembly steps in the manual.



Image 2.1: The contents of the LEGO Marvel Iron Man Armory box, showing the various bags of LEGO elements and the instruction manual, ready for assembly.

2.2 Building Process

1. Begin assembly following the sequence indicated by the numbered bags and the instruction manual.
2. Apply stickers as directed in the manual to enhance details on the holographic displays and the sports car.
3. Utilize the LEGO Building Instructions app for an interactive 3D building experience, allowing you to zoom and rotate the model.

Video 2.1: A 360-degree spin video showcasing the assembled LEGO Marvel Iron Man Armory set, highlighting its various components and minifigures.

3. OPERATING INSTRUCTIONS

The Iron Man Armory set is designed for imaginative play and display. Here's how to interact with its features:

3.1 Minifigure Interaction

- **Minifigure Placement:** Place the Tony Stark, Pepper Potts, Nick Fury, War Machine, and Whiplash minifigures in various positions around the armory or workshop.
- **Iron Man Suits:** Position the MK3, MK25, and MK85 Iron Man suits within the designated display sections of the Hall of Armor. The changing platform allows for dynamic suit-up scenarios.
- **Accessories:** Equip minifigures with included accessories such as blasters, chains for Whiplash, and tools for the workshop.



Image 3.1: A detailed view of the minifigures from the set, including Tony Stark, Pepper Potts, Nick Fury, War Machine, and different Iron Man suits (MK3, MK25, MK85).

3.2 Armory and Workshop Features

- **Hall of Armor:** The modular sections of the Hall of Armor can be rearranged or stacked to create different display configurations for the Iron Man suits.
- **Workshop Area:** Utilize the robot assistant arm, tool cart, and holographic displays to simulate repairs and upgrades to the Iron Man suits.
- **Sports Car:** The toy sports car can be used for play scenarios, with space for a minifigure driver and the Stark Expo model-map.



Image 3.2: Children engaging in imaginative play with the LEGO Iron Man Armory set, demonstrating the interactive nature of the various components.

Video 3.1: An official product video showcasing the features and play possibilities of the LEGO Marvel Iron Man Armory set.

4. MAINTENANCE

Proper care ensures the longevity and enjoyment of your LEGO set.

- **Cleaning:** To clean LEGO elements, use mild soap and lukewarm water. Rinse thoroughly and air dry. Avoid hot water or harsh chemicals, as these can damage the plastic.
- **Storage:** Store the assembled set or individual elements in a cool, dry place away from direct sunlight to prevent discoloration or warping.
- **Handling:** Handle the set with care to prevent pieces from detaching or breaking.

5. TROUBLESHOOTING

If you encounter any issues during assembly or play, refer to the following common solutions:

- **Missing Pieces:** If you find any missing pieces, contact LEGO Customer Service directly through their official website. They provide a service for ordering replacement parts.
- **Assembly Difficulties:** Double-check the instruction manual or the LEGO Building Instructions app to ensure all steps are followed correctly. Sometimes, a small oversight can lead to assembly issues.
- **Loose Connections:** Ensure all LEGO elements are firmly pressed together. Some connections may require more pressure to secure properly.

6. SPECIFICATIONS

Feature	Detail
Brand	LEGO
Model Name	Iron Man Armory 76216
Model Number	6378956
UPC	673419356527
Age Range	7+ years
Number of Pieces	496
Material Type	Plastic
Item Dimensions (LxWxH)	15.04 x 10.32 x 2.22 inches
Included Components	LEGO Building Elements
Educational Objective	Creative Thinking

7. WARRANTY & SUPPORT

For information regarding warranty, missing parts, or product support, please visit the official LEGO website or contact their customer service department. The LEGO Building Instructions app also offers digital support for assembly.

Online Resources:

- [LEGO Customer Service](#)
- [LEGO Building Instructions App](#)