

LEGO 60228

LEGO City Deep Space Rocket and Launch Control (Model 60228) Instruction Manual

Model: 60228 | Brand: LEGO

PRODUCT OVERVIEW

The LEGO City Deep Space Rocket and Launch Control set (Model 60228) is a NASA-inspired construction toy designed to spark imagination and encourage exploration of the universe. This comprehensive set allows builders to construct a multi-stage rocket, a detailed launch control center, and a monorail system, along with various space-themed vehicles and minifigures.

Key Features

- **Modular Multi-Stage Rocket:** Features a customizable design with detachable booster, payload storage, and cockpit modules.
- **Launch Control Tower:** Equipped with a removable window, a deployment function, and an interactive countdown display.
- **Launch Pad:** Includes opening tower arms for realistic rocket launch simulations.
- **Monorail System:** Transports astronauts to the rocket for pre-launch preparations.
- **Articulated Rover:** A space rover with a grappling arm for exploring the research area and collecting geodes.
- **Minifigures and Accessories:** Comes with 6 LEGO City minifigures (2 astronauts, 2 scientists, launch director, ground crew technician) and a robot minifigure, along with various accessories like helmets, a magnifying glass, and a wrench.



Figure 1: The complete LEGO City Deep Space Rocket and Launch Control set. This image displays the fully assembled set, featuring the multi-stage rocket on its launch pad, the detailed control center, and the monorail system. Various minifigures and accessories are also visible, ready for space exploration.

SAFETY INFORMATION

Warning: Not suitable for children under 3 years due to small parts which may present a choking hazard. Adult supervision is recommended during assembly and play for younger children.

WHAT'S IN THE BOX

Your LEGO City Deep Space Rocket and Launch Control set (Model 60228) includes all the necessary bricks and components to build the complete model, totaling 837 pieces. This includes:

- LEGO 60228 Deep Space Rocket and Launch Control building components.

SETUP AND ASSEMBLY

The LEGO City Deep Space Rocket and Launch Control set consists of 837 pieces, offering an engaging building experience. Follow the included printed instructions carefully for step-by-step guidance.

Step-by-Step Assembly

1. **Unpack Components:** Carefully open the box and sort the LEGO bricks by color or type to facilitate assembly.
2. **Follow Instructions:** Refer to the detailed assembly guide provided in your package. Each step is illustrated to ensure correct placement of bricks.
3. **Modular Rocket Construction:** Assemble the rocket in its modular sections: the main booster, the payload compartment, and the cockpit. These sections are designed to connect securely.
4. **Launch Control Center:** Build the control center, paying attention to the interior details like control panels and the removable window.
5. **Monorail System:** Construct the monorail track and car, ensuring smooth movement for minifigure transport.
6. **Final Touches:** Add the minifigures, rover, and other accessories to complete your space exploration scene.

For an enhanced building experience, consider using the **LEGO Life app** on your smartphone or tablet. The app features *Instructions PLUS*, which provides intuitive, easy-to-use digital assembly instructions allowing you to zoom, rotate, and visualize your creation in a special ghost mode. This can be particularly helpful for younger builders.



Figure 2: Modular Rocket Components. This diagram illustrates the modular design of the Deep Space Rocket. It highlights the separate sections: the detachable cockpit, the main booster stage, and the payload compartment, along with their approximate dimensions for assembly reference.

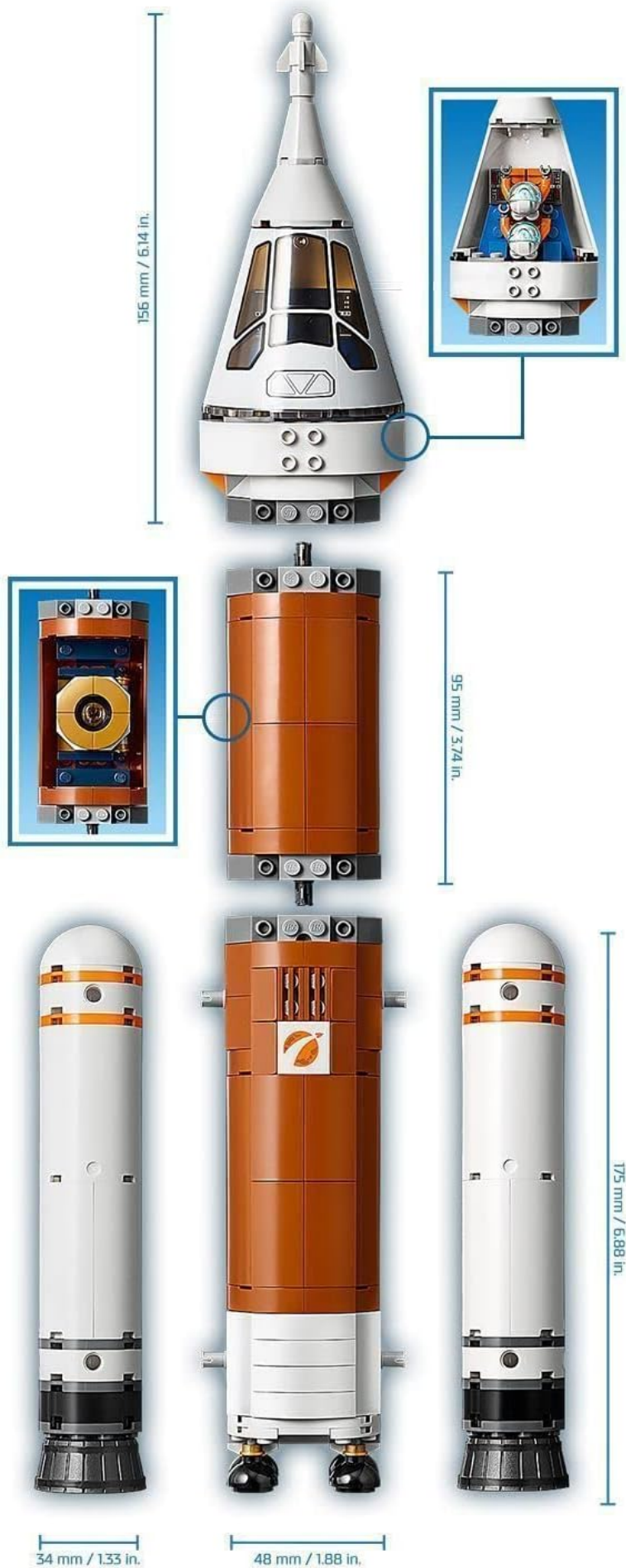


Figure 3: Assembled Set with Minifigures. This image shows the fully assembled LEGO City Deep Space Rocket and Launch Control set, complete with all minifigures and accessories in a dynamic play setup.

OPERATING YOUR SET

Once assembled, the LEGO City Deep Space Rocket and Launch Control set offers various interactive play features.

Rocket Launch Sequence

1. **Prepare the Rocket:** Ensure all modular sections of the rocket are securely connected on the launch pad.
2. **Position Minifigures:** Place astronauts in the monorail car and transport them to the rocket's access point.
3. **Control Tower Countdown:** Use the control tower's interactive features to initiate a simulated countdown.
4. **Launch Simulation:** Open the launch tower arms to simulate the rocket's liftoff. The modular design allows for imaginative staging of the rocket's ascent.

Monorail System

The monorail system is designed to transport minifigures between the control center and the rocket launch area. Simply place a minifigure in the car and slide it along the track.

Rover and Research Area

Deploy the articulated rover to the research area. Use its grappling arm to interact with accessories like the geodes, simulating scientific exploration and sample collection.



Figure 4: Launch Control Center and Monorail. This image provides a detailed view of the launch control center, showcasing its intricate control panels and a screen displaying a countdown. Minifigures are positioned at their stations, overseeing operations. The monorail track, used for transporting personnel, is also visible.

MAINTENANCE

Proper care and maintenance will ensure the longevity and enjoyment of your LEGO set.

Cleaning Your LEGO Bricks

- Use a soft brush or cloth to gently remove dust.
- For deeper cleaning, wash bricks by hand in lukewarm water (up to 40°C / 104°F) with a mild detergent. Avoid using hot water or harsh chemicals.
- Rinse thoroughly with clear water.
- Air dry at room temperature. Do not use a dryer or direct heat, as this can damage the plastic.

Storage

Store your LEGO set in a clean, dry place away from direct sunlight and extreme temperatures to prevent discoloration and warping of the bricks. Keeping the pieces organized can also aid in future play and reassembly.

TROUBLESHOOTING

Should you encounter any issues with your LEGO set, refer to the following common troubleshooting tips.

Missing Pieces

If you find that a piece is missing from your new set, please visit the official LEGO Customer Service website. They offer a service to order replacement parts directly.

Assembly Difficulties

- **Review Instructions:** Double-check the assembly instructions to ensure all steps have been followed correctly.
- **Check Brick Orientation:** Sometimes a brick may appear to fit but is oriented incorrectly.
- **Seek Assistance:** If you are still having trouble, the LEGO Life app with Instructions PLUS can provide interactive 3D views that may clarify complex steps.

PRODUCT SPECIFICATIONS

Specification	Detail
Brand	LEGO
Model Name	Deep Space Rocket and Launch Control, Inspired by NASA with Astronauts, Scientists and Robot Minifigures
Model Number	60228
Part Number	60228
Number of Pieces	837
Material	Plastic
Color	Multicolor
Theme	Robot, Space
Character Theme	Inspired by NASA with Astronauts
Minimum Recommended Age	8 years (96 months)
Maximum Recommended Age	11 years (132 months)
Educational Objective	Building Skill
Item Dimensions (L x W x H)	9.4 x 48 x 37.8 centimeters
Item Weight	1.83 Kilograms

Assembly Required?	Yes
Model Year	2019

WARRANTY INFORMATION

This LEGO product is covered by a **12-month legal manufacturer's warranty**. This warranty covers manufacturing defects and material flaws under normal use. Please retain your proof of purchase for any warranty claims.

CUSTOMER SUPPORT

For further assistance, missing parts, or any questions regarding your LEGO City Deep Space Rocket and Launch Control set, please visit the official LEGO Customer Service website or contact their support team directly. You can find contact information and frequently asked questions on their website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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