

LEGO 10261

LEGO Creator Expert Roller Coaster 10261 Instruction Manual

Model: 10261

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your LEGO Creator Expert Roller Coaster 10261 building kit. This set is designed to capture the speed, thrills, and excitement of a fairground attraction, featuring a fully functional chain-lift model with two trains and various authentic details.



Figure 1.1: The complete LEGO Creator Expert Roller Coaster 10261 set.

2. SAFETY INFORMATION

Please read and understand all safety information before beginning assembly or operation. This product contains small parts and is recommended for ages 16 and up. Keep small parts away from younger children to prevent choking hazards. Always ensure the model is placed on a stable, flat surface to prevent accidental falls or damage. Do not modify the structural integrity of the model as this may compromise its stability and functionality.

3. SETUP AND ASSEMBLY

The LEGO Creator Expert Roller Coaster 10261 is a complex building kit with 4124 pieces. Assembly requires careful attention to the included step-by-step pictorial instructions. Organize pieces by color and type before starting to streamline the building process.

3.1. Unpacking and Preparation

1. Open the packaging and carefully remove all bags of LEGO elements.
2. Sort the pieces according to the numbered bags, if applicable, or by color and type.

3. Ensure you have a large, clear, and stable workspace for assembly.

3.2. Building the Base Structure

Begin by constructing the baseplate and the foundational support pillars. This forms the stable platform for the entire roller coaster structure.

3.3. Assembling the Track and Mechanisms

Follow the instructions to build the intricate track sections, including the chain lift mechanism and the various drops and turns. Pay close attention to the alignment of the track pieces to ensure smooth operation.



Figure 3.1: Partial assembly of the roller coaster, highlighting track and support details.

3.4. Adding Fairground Details and Minifigures

Integrate the fairground elements such as the ticket booth, cotton candy cart, concession stand, and height marker. Position the 11 minifigures to bring the scene to life.



Figure 3.2: Fairground details and minifigures.

4. OPERATING INSTRUCTIONS

The LEGO Creator Expert Roller Coaster can be operated manually or upgraded for motorized functionality.

4.1. Manual Operation

1. Place the train cars onto the track at the boarding station.
2. Lower the lap bars on the train cars to secure the minifigure riders.
3. Release the brake lever at the station to allow the train to move to the foot of the chain lift.
4. Turn the manual crank to activate the chain lift, pulling the train up the first hill.
5. Once the train reaches the peak, gravity will propel it through the twists and turns of the track.

4.2. Motorized Operation (Optional Upgrade)

The Roller Coaster can be upgraded with LEGO Power Functions or LEGO BOOST for a motorized chain lift and added movement sensors/sound effects. These components are sold separately.

- Refer to the specific instructions provided with your LEGO Power Functions or LEGO BOOST kit for integration with the Roller Coaster.
- Ensure proper connection of the motor to the chain lift mechanism.
- Activate the motor to automatically lift the train cars up the main hill.

Video 4.1: Official LEGO demonstration of the Creator Expert Roller Coaster in operation, showcasing its features and movement.

5. MAINTENANCE

To ensure the longevity and optimal performance of your LEGO Creator Expert Roller Coaster, follow these maintenance guidelines:

- **Cleaning:** Dust the model regularly with a soft, dry cloth. For deeper cleaning, use a mild soap solution and a soft brush, then rinse thoroughly with clean water and air dry. Avoid harsh chemicals or abrasive materials.

- **Storage:** Store the model in a cool, dry place away from direct sunlight to prevent discoloration and warping of plastic elements.
- **Inspection:** Periodically inspect all connections, especially on the track and chain lift, to ensure they are secure. Reattach any loose pieces promptly.
- **Lubrication:** No lubrication is required for the LEGO elements or mechanisms.

6. TROUBLESHOOTING

If you encounter issues with your Roller Coaster, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Train cars stop on the track.	Loose track connection, obstruction, or insufficient momentum.	Check all track connections for tightness. Remove any foreign objects. Ensure the chain lift is fully engaging the train.
Chain lift not engaging or moving smoothly.	Misaligned chain, gears, or manual crank.	Inspect the chain for proper tension and alignment. Verify all gears are correctly installed and rotate freely. Ensure the manual crank mechanism is fully assembled.
Missing or damaged pieces.	Manufacturing defect or accidental loss.	Refer to the parts list in your building instructions. Contact LEGO Customer Service for replacement parts.

7. SPECIFICATIONS

- **Brand:** LEGO
- **Model Number:** 10261 (Item model number: 6268179)
- **Product Dimensions:** 23.03 x 19.29 x 7.48 inches
- **Item Weight:** 13.17 pounds
- **Number of Pieces:** 4124
- **Recommended Age:** 16 years and up
- **Release Date:** January 1, 2019
- **Key Features:** Fully functional chain-lift, 2 trains, ticket booth, cotton candy cart, concession stand, height marker, covered boarding station with opening barriers and control panel. Upgradeable with LEGO Power Functions or LEGO BOOST (sold separately).

8. WARRANTY AND SUPPORT

For information regarding product warranty, missing pieces, or technical support, please visit the official LEGO website or contact LEGO Customer Service directly. Keep your proof of purchase for any warranty claims.

Online Support: www.lego.com/service