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› K'NEX Thrill Rides Web Weaver Roller Coaster Instruction Manual

K'NEX 41229

K'NEX Thrill Rides Web Weaver Roller Coaster Instruction Manual

Model: 41229

1. OVERVIEW

The K'NEX Web Weaver Roller Coaster is a construction kit designed for building enthusiasts. This set allows for the creation of a glow-in-the-dark roller coaster featuring a motorized, air-powered car and fluorescent tracks. It encourages creativity and problem-solving skills through construction.

Age Recommendation: This product is recommended for individuals aged 9 to 14 years.

Safety Warning: Not suitable for children under 3 years due to small parts which may present a choking hazard.

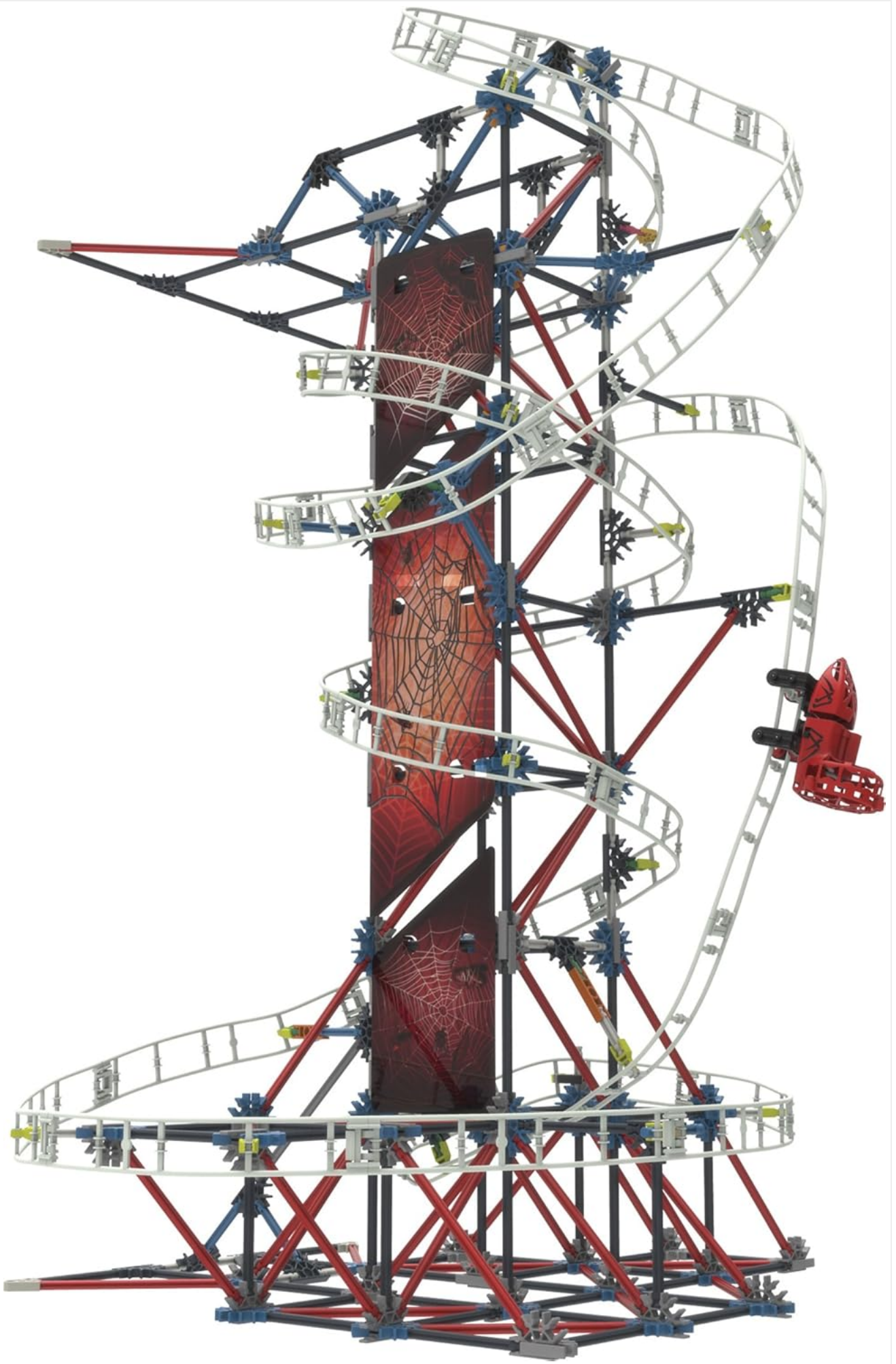


Figure 1: The completed K'NEX Web Weaver Roller Coaster, featuring its intricate track design and the motorized car positioned on

2. COMPONENTS

The K'NEX Web Weaver Roller Coaster kit includes 399 individual pieces necessary for assembly. Key components are:

- Various K'NEX rods and connectors
- Glow-in-the-dark track pieces
- A motorized air-powered car
- A Li-Po battery for the motor
- Instruction booklet (physical or digital)



Figure 2: The product packaging for the K'NEX Web Weaver Roller Coaster is shown alongside examples of the assembled models, including both the vertical and horizontal track designs.

3. ASSEMBLY (SETUP)

Follow the detailed instructions provided in the included assembly guide to construct the Web Weaver Roller Coaster. The construction process involves connecting rods and connectors to form the support structure and track. Pay close attention to the orientation of pieces, especially the glow-in-the-dark track sections, to ensure proper functionality and visual effect.

1. **Unpack Components:** Carefully remove all pieces from the packaging and verify that all 399 pieces are present according to the parts list in the assembly guide.
2. **Build the Base Structure:** Begin by assembling the base of the roller coaster, ensuring it is stable and level.
3. **Construct the Tower/Track Supports:** Proceed to build the vertical tower and other support structures as indicated in the instructions.
4. **Install Track Pieces:** Attach the glow-in-the-dark track pieces, ensuring they are securely connected and form a continuous path for the car.
5. **Integrate Motor and Car:** Install the motorized air-powered car and its Li-Po battery according to the instructions. Ensure all electrical connections are secure.
6. **Final Checks:** Before operation, visually inspect the entire structure to confirm all connections are tight and the track is free of obstructions.

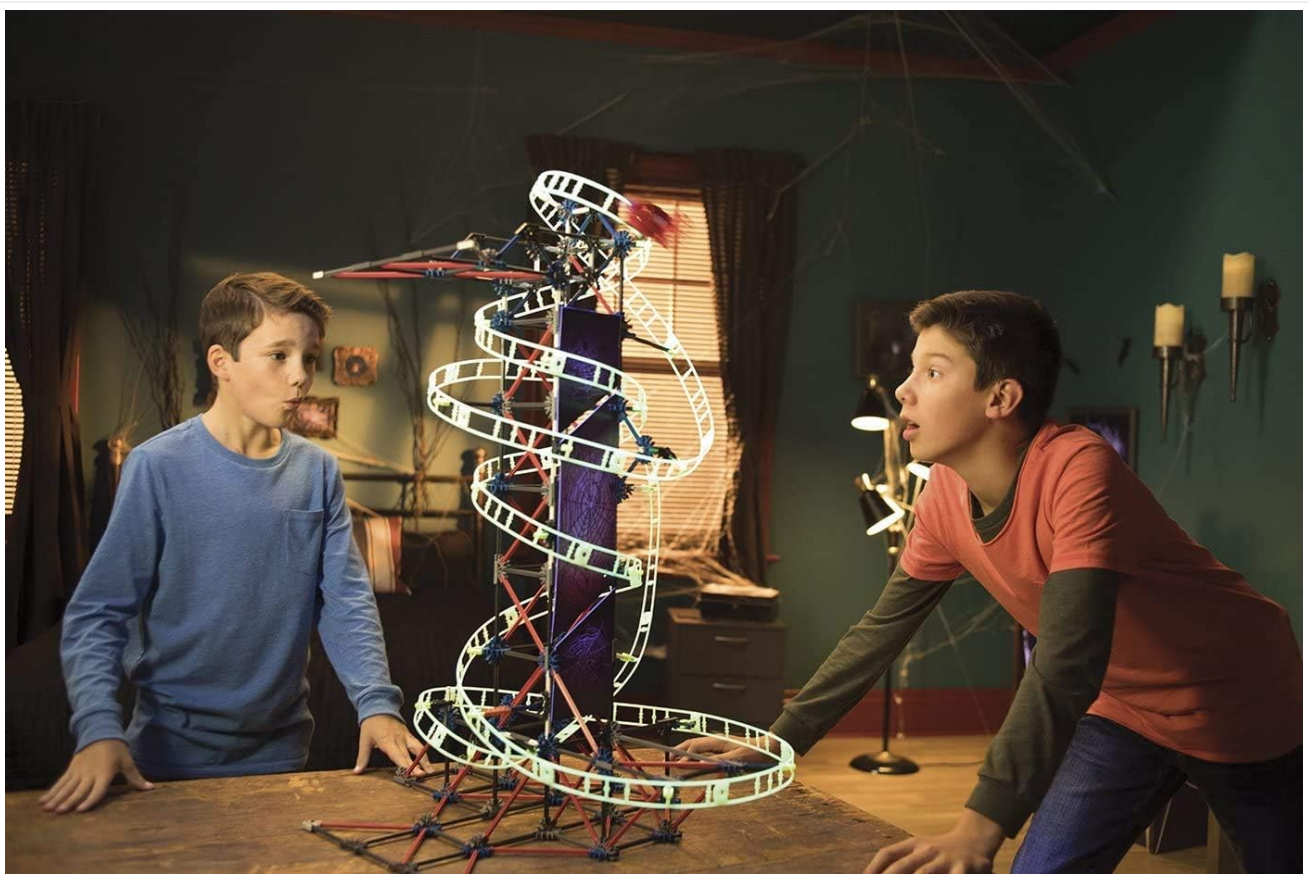


Figure 3: Two individuals observing the assembled K'NEX Web Weaver Roller Coaster, demonstrating the scale and complexity of the model.

4. OPERATION

Once fully assembled, the Web Weaver Roller Coaster is ready for operation. The motorized air-powered car propels itself along the track, providing dynamic movement. The glow-in-the-dark tracks enhance the experience, especially in low-light conditions.

- **Powering On:** Ensure the Li-Po battery is correctly installed and charged. Activate the motor switch on the car.

- **Placing the Car:** Carefully place the motorized car onto the track at the designated starting point.
- **Observing Movement:** The car will begin to move along the track, navigating loops and turns.
- **Glow-in-the-Dark Feature:** For optimal glow effect, expose the fluorescent track pieces to light for a period before operating the coaster in a darkened room.
- **Exploring Configurations:** The K'NEX system allows for various track configurations. Experiment with different layouts, such as vertical or horizontal designs, to observe varied car performance and track dynamics.

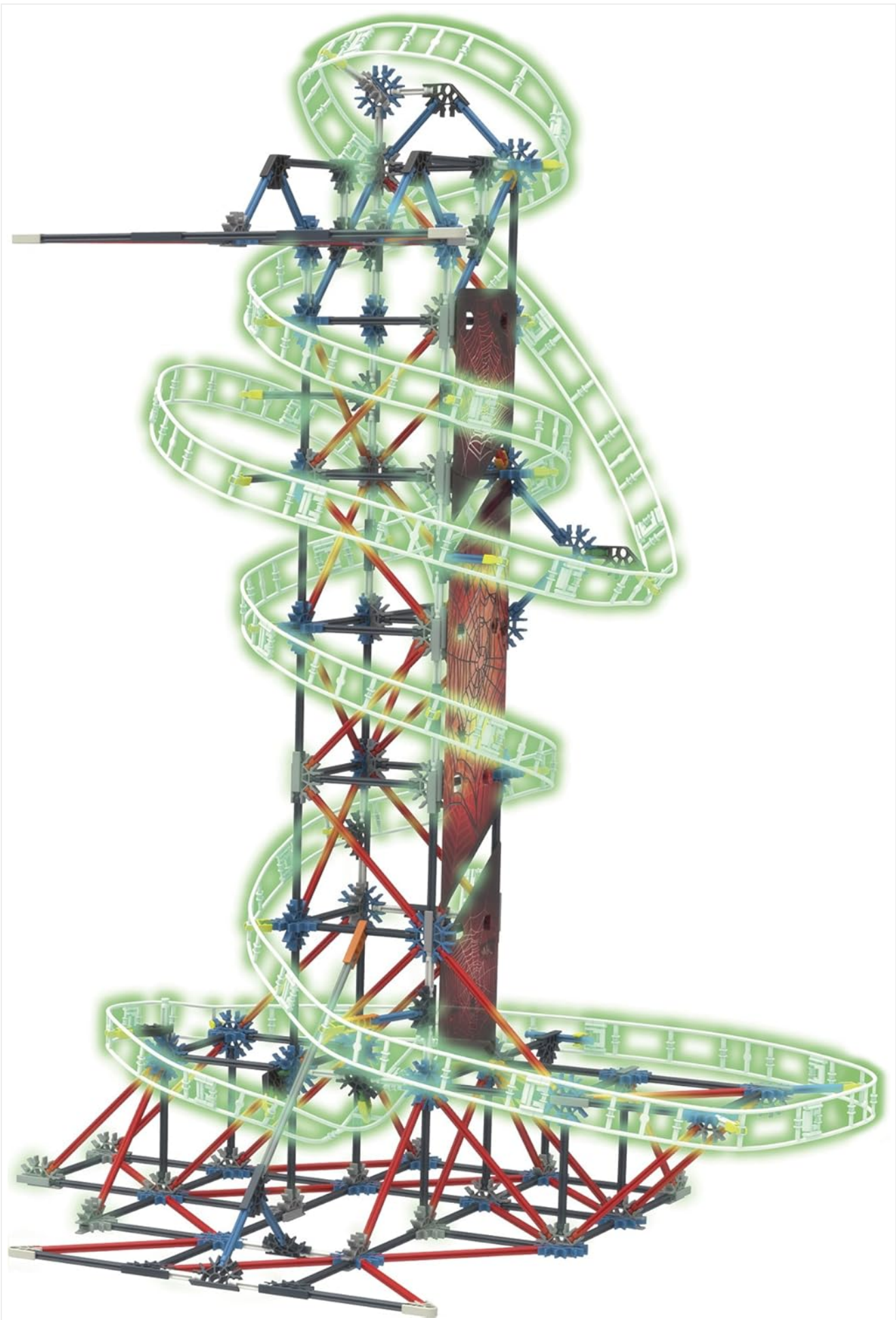


Figure 4: The Web Weaver Roller Coaster is shown here with its glow-in-the-dark track elements illuminated, highlighting the unique visual effect in low light.

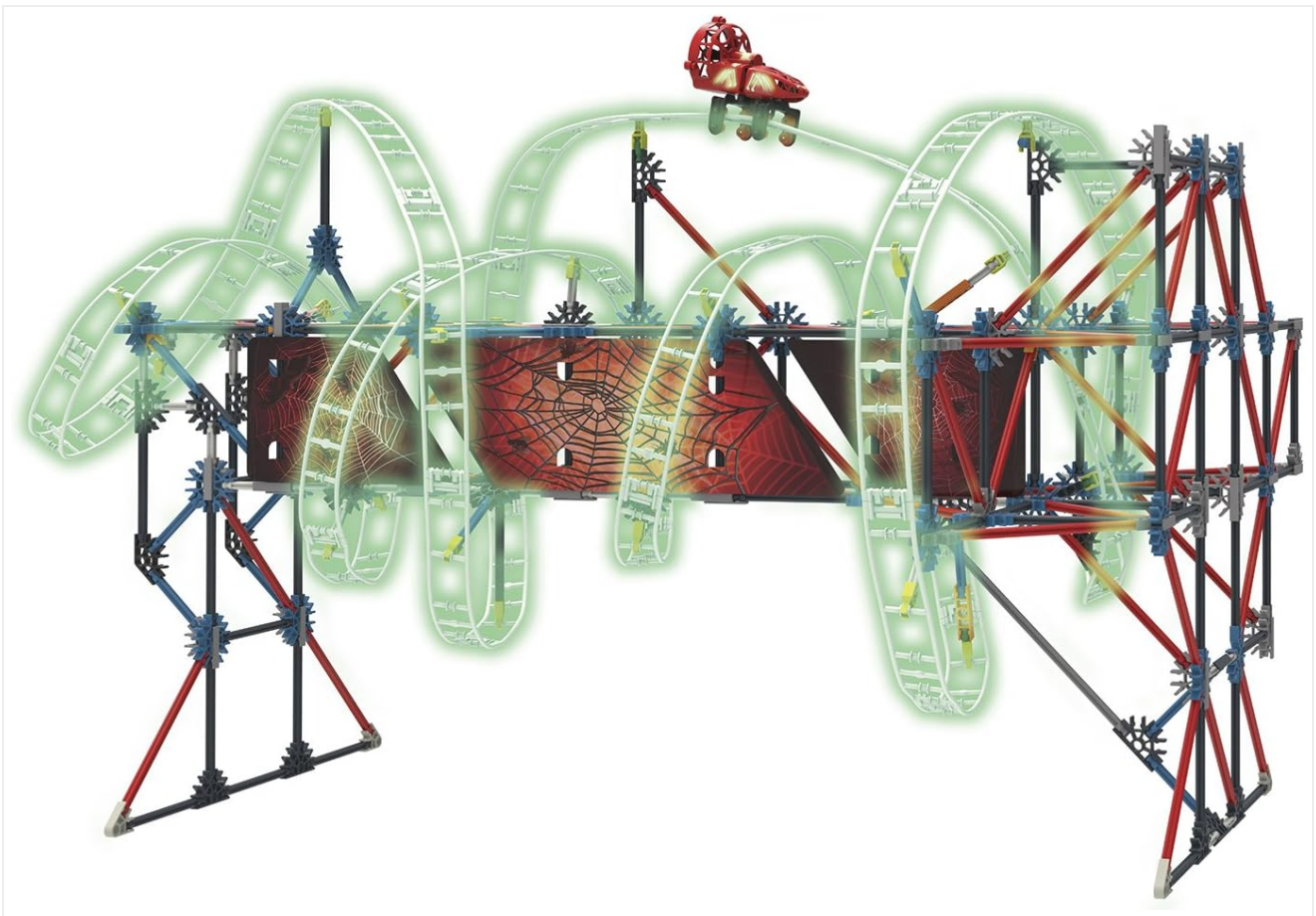


Figure 5: This image illustrates an alternative, more horizontal build configuration of the Web Weaver Roller Coaster, demonstrating the versatility of the K'NEX system and the glowing tracks.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your K'NEX Web Weaver Roller Coaster.

- **Cleaning:** Wipe plastic components with a dry or slightly damp cloth. Avoid harsh chemicals or abrasive cleaners.
- **Storage:** Store the assembled model or individual pieces in a clean, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Follow the manufacturer's guidelines for charging and storing the Li-Po battery. Remove the battery if the toy will not be used for an extended period.
- **Track Inspection:** Periodically check track connections for looseness or damage. Ensure the track surface is clean for smooth car operation.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Car does not move or moves slowly.	Low battery charge; Motor obstruction; Loose track connection.	Charge the Li-Po battery; Check for any debris or K'NEX pieces obstructing the motor or wheels; Ensure all track pieces are securely connected.
Track pieces do not fit together.	Incorrect orientation; Damaged piece.	Refer to the assembly guide to confirm correct piece orientation; Inspect pieces for damage and replace if necessary.
Glow-in-the-dark feature is weak.	Insufficient light exposure.	Expose the glow-in-the-dark track pieces to a bright light source for a longer period before use in darkness.

7. SPECIFICATIONS

- **Model Number:** 41229
- **Brand:** K'NEX
- **Product Dimensions (L x W x H):** 60 x 20 x 50 cm (23.6 x 7.9 x 19.7 inches)
- **Weight:** 1.67 kg (3.68 lbs)
- **Material:** Plastic
- **Number of Pieces:** 399
- **Recommended Age:** 9 years and up
- **Educational Objective:** Building skills, Creativity, Imagination
- **Components:** K'NEX construction kit, motorized air-powered car, Li-Po battery, glow-in-the-dark tracks
- **Release Date:** September 1, 2017

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your K'NEX Web Weaver Roller Coaster, please refer to the contact details provided in the original product packaging or visit the official K'NEX website. Keep your proof of purchase for any warranty claims.