

[Manuals.plus](#) /

> [Laser Pegs](#) /

> Laser Pegs PB1410B 8-in-1 Power Block Sport Car Construction Set Instruction Manual

Laser Pegs PB1410B

Laser Pegs PB1410B 8-in-1 Power Block Sport Car Construction Set

Instruction Manual

[Introduction](#)

[Setup](#)

[Operation](#)

[Maintenance](#)

[Troubleshooting](#)

[Specifications](#)

[Warranty & Support](#)

INTRODUCTION

This manual provides instructions for the assembly, operation, and maintenance of your Laser Pegs PB1410B 8-in-1 Power Block Sport Car Construction Set. This kit allows you to build up to 8 different models using light-up construction blocks, enhancing creative play.

Please read these instructions carefully before beginning assembly to ensure proper use and enjoyment of your product.

SETUP

1. Unpacking the Contents

Carefully remove all components from the packaging. Verify that all parts are present according to the list below:

- 1 Power Block (battery base)
- 2 Laser Pegs (light-up bricks)
- 100 Building Bricks
- 4 Tire Pegs
- Instruction Manual (this document)



Image: The product box for the Laser Pegs PB1410B set, illustrating the various models that can be constructed.

2. Battery Installation

The Power Block requires 3 AAA batteries (not included) to illuminate the Laser Pegs. Follow these steps to install the batteries:

1. Locate the battery compartment on the Power Block.
2. Using a small screwdriver (not included), open the battery compartment cover.
3. Insert 3 AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Replace the battery compartment cover and secure it with the screw.



Image: The transparent Power Block unit, which houses the batteries and powers the light-up bricks.

3. Initial Assembly

Before building your desired model, familiarize yourself with the different types of building bricks and how they connect. The Laser Pegs system is designed for intuitive assembly.

- Connect bricks by aligning their studs and pressing them together firmly.
- The Power Block serves as the base for illuminating your creations. Connect Laser Pegs directly to the Power Block or to other Laser Pegs that are connected to the Power Block.

OPERATION

1. Building Models

Your Laser Pegs PB1410B set allows you to construct up to 8 different models, including various sport cars. Refer to the included visual guides or online resources for detailed step-by-step instructions for each model. The set includes 100 building bricks and 4 tire pegs, offering flexibility in design. You can build models such as a Modified Racer, Roadster, Land Speed Record vehicle, F1 Racer, Truck Hot Rod, Rally Car, Sports Car,

and Utility Truck.

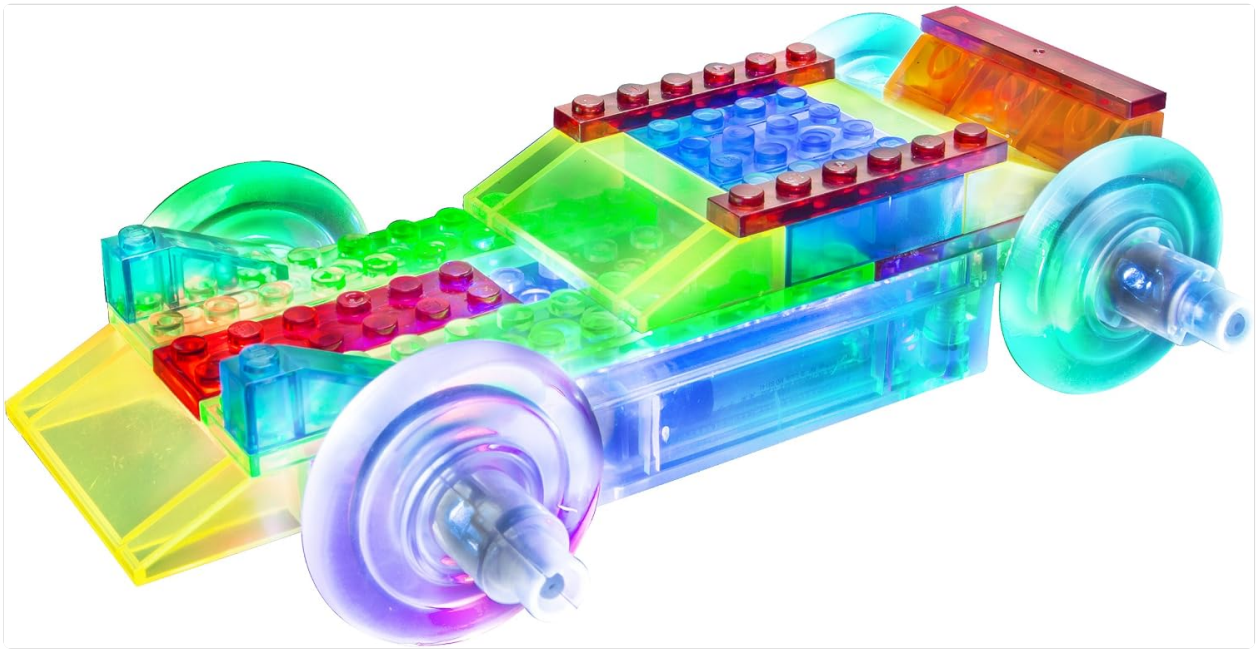


Image: An example of a sport car model assembled using the Laser Pegs building blocks, prior to illumination.

2. Illuminating Your Creations

To activate the lights in your Laser Pegs model:

1. Ensure the Power Block has fresh batteries installed.
2. Connect the Laser Pegs (transparent bricks with internal lights) to the Power Block or to other Laser Pegs that are part of the illuminated circuit.
3. Press the power button on the Power Block to turn the lights on. Press again to turn them off.

The light travels through connected Laser Pegs, making your entire creation glow.

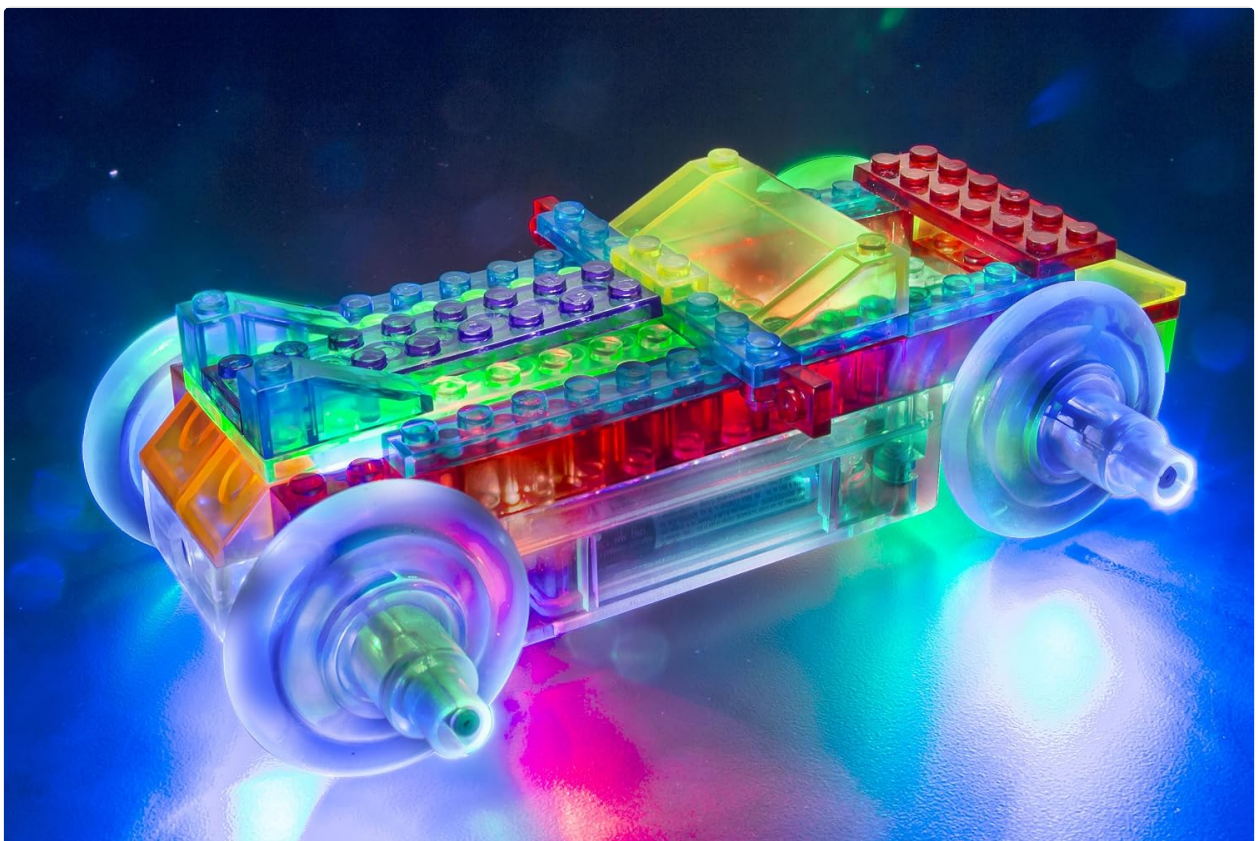


Image: The assembled Laser Pegs sport car model with its internal lights activated, showcasing the illumination effect.

3. Compatibility

Laser Pegs are 100% compatible with other major building block sets, allowing you to integrate them with existing collections and expand your creative possibilities.

MAINTENANCE

1. Cleaning

To clean your Laser Pegs bricks and Power Block:

- Wipe surfaces with a soft, damp cloth.
- Do not submerge the Power Block in water.
- Avoid using harsh chemicals or abrasive cleaners, as these may damage the plastic or electronic components.

2. Storage

When not in use, store the Laser Pegs set in a cool, dry place, away from direct sunlight. Disassemble complex models for easier storage and to prevent stress on connections. Remove batteries from the Power Block if the set will not be used for an extended period to prevent battery leakage.

TROUBLESHOOTING

Lights Not Working

- **Check Batteries:** Ensure 3 fresh AAA batteries are correctly installed in the Power Block with the correct polarity.
- **Power Block On:** Verify that the Power Block is switched on.
- **Connections:** Make sure all Laser Pegs are firmly connected to each other and to the Power Block. A loose connection can interrupt the circuit.
- **Damaged Pegs:** Inspect Laser Pegs for any visible damage. If a Laser Peg is damaged, it may not light up or transmit light to other connected pegs.

Bricks Not Connecting Properly

- **Alignment:** Ensure the studs and holes are perfectly aligned before pressing bricks together.
- **Obstructions:** Check for any small debris or foreign objects that might be preventing a secure connection.

SPECIFICATIONS

Brand:	Laser Pegs
Model Number:	PB1410B
Material:	Plastic
Age Range:	5 to 99 years

Item Dimensions (LxWxH):	21.6 x 14 x 12.7 cm
Number of Models:	Up to 8
Number of Building Bricks:	100
Battery Requirement:	3 AAA batteries (not included)
Assembly Required:	Yes

WARRANTY & SUPPORT

Warranty Information

This product comes with a **2-year warranty** from the date of purchase. The warranty covers manufacturing defects and material flaws under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage resulting from misuse, accidents, or unauthorized modifications.

Customer Support

For additional support, missing parts, or warranty inquiries, please visit the official Laser Pegs website:

www.LASERPEGS.com

You may also find additional building instructions and creative ideas on their website.