

## BRIKSMAX 42171

# BRIKSMAX LED Lighting Kit

For LEGO 42171 Mercedes-AMG F1 W14 E Performance

Model: 42171

## INTRODUCTION

This instruction manual provides detailed guidance for installing and operating your BRIKSMAX LED Lighting Kit, specifically designed to enhance the LEGO 42171 Mercedes-AMG F1 W14 E Performance building set. Our innovative lighting system transforms your model, bringing it to life with vibrant illumination.

Please read all instructions carefully before beginning the installation process to ensure a smooth and successful experience. This kit does not include the LEGO building set.

## PACKAGE CONTENTS

Your BRIKSMAX LED Lighting Kit package should contain the following items:

- Light Kit components (various LED lights and connecting wires)
- Detailed Installation Instructions manual
- USB power cable
- Battery box (batteries not included)



Figure 1: Contents of the BRIKSMAX LED Lighting Kit. The image displays the product packaging, a battery box, an installation guide, and the LED light set.

## SETUP AND INSTALLATION

The BRIKSMAX LED Lighting Kit is designed for straightforward installation. Follow the step-by-step instructions provided in your manual to integrate the lights seamlessly with your LEGO 42171 Mercedes-AMG F1 W14 E Performance model.

### General Installation Tips:

1. **Prepare Your Model:** Ensure your LEGO model is fully assembled and stable before beginning the light kit installation.
2. **Follow Instructions Carefully:** The included instruction manual provides detailed diagrams and steps specific to your LEGO 42171 model. Adhere to these instructions precisely for optimal results.
3. **Handle with Care:** LED components and wires are delicate. Avoid excessive pulling or bending.
4. **Conceal Wires:** Route wires carefully through the LEGO bricks to hide them as much as possible, maintaining the

aesthetic integrity of your model.

5. **Test Connections:** Periodically test the lights during installation to ensure all connections are secure and functioning correctly.



Figure 2: The LEGO Mercedes-AMG F1 W14 E Performance model with the BRIKSMAX LED lighting kit installed, demonstrating the illuminated effect.





Figure 3: The lighting kit enhances the display of your LEGO model, making it a prominent feature.





Figure 4: Detailed view of the installed LED lights, highlighting the precision and integration with the LEGO structure.

## OPERATING INSTRUCTIONS

Once the BRIKSMAX LED Lighting Kit is fully installed, powering it on is simple.

### Powering On/Off:

- **Battery Box:** Insert the required batteries (not included) into the battery box. Locate the ON/OFF switch on the battery box and toggle it to the 'ON' position to illuminate your model.
- **USB Power:** Alternatively, connect the provided USB cable to a compatible USB power source (e.g., a USB wall adapter, power bank, or computer USB port). The lights will turn on automatically when power is supplied.



Figure 5: Visual comparison of the LEGO model with the lighting kit turned off versus turned on.

## Official Product Video:

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Video 1: Official product demonstration of the BRIKSMAX LED Lighting Kit for the LEGO 42171 Mercedes-AMG F1 W14 E Performance. This video showcases the installed lights in action, highlighting various angles and the overall illuminated effect on the model.

## MAINTENANCE

Proper care will ensure the longevity and continued performance of your BRIKSMAX LED Lighting Kit.

- **Cleaning:** Use a soft, dry cloth to gently wipe away dust from the LED components and wires. Avoid using liquid cleaners directly on the lights.

- **Wire Management:** Periodically check that all wires remain securely tucked away and are not pinched or exposed to undue stress.
- **Battery Replacement:** If using the battery box, replace batteries when the light intensity diminishes. Ensure correct polarity when inserting new batteries.
- **Storage:** If storing the model for an extended period, disconnect the power source (remove batteries or unplug the USB cable) to prevent battery drain or potential damage.

## TROUBLESHOOTING

If you encounter any issues with your BRIKSMAX LED Lighting Kit, please refer to the following common solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, or dead batteries.	Ensure the battery box switch is ON or USB cable is securely connected to a working power source. Check battery polarity and replace batteries if necessary. Inspect all wire connections to ensure they are firmly seated.
Some lights are dim or flickering.	Weak power supply or partial connection.	Replace batteries or try a different USB power source. Re-check connections for the affected lights.
Missing components.	Packaging error.	Contact BRIKSMAX customer support immediately with your purchase details.
Difficulty following instructions.	Complex steps or unclear diagrams.	Refer to the official product video or contact customer support for further assistance. Online resources or community forums may also provide helpful tips.

If the problem persists after attempting these solutions, please contact BRIKSMAX customer support for further assistance.

## SPECIFICATIONS

Feature	Detail
Brand	BRIKSMAX
Model Compatibility	LEGO 42171 Mercedes-AMG F1 W14 E Performance
Item Model Number	42171
Power Source	Battery Powered (Batteries not included) / USB Powered
Type of Bulb	Light Emitting Diode (LED)
Voltage	5 Volts
Wattage	14 Watts

Feature	Detail
Color Temperature	4200 Kelvin (Cool White)
Material	Plastic
Item Weight	6.7 ounces
Product Dimensions	6.5 x 4.72 x 1.57 inches
Country of Origin	China
Manufacturer Recommended Age	8 years and up

## WARRANTY AND SUPPORT

BRIKSMAX is committed to providing high-quality products and excellent customer service. If you encounter any issues or have questions regarding your lighting kit, please do not hesitate to contact us.

### Customer Service:

For support, inquiries, or to report missing parts, please reach out to BRIKSMAX customer service via the contact information provided on the product packaging or through the retailer's platform where you made your purchase. Please have your purchase details and model information ready when contacting support.

We strive to resolve any concerns promptly and ensure your satisfaction with our products.






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### Related Documents - 42171

	<a href="#">BRIKSMAX 4x4 X-treme Off-Roader 42099 LED Light Kit Installation Instructions</a> Detailed step-by-step instructions for installing the BRIKSMAX LED lighting kit for the LEGO Technic 4x4 X-treme Off-Roader 42099 building set. Includes descriptions of components, remote control functions, and assembly procedures.
	<a href="#">BRIKSMAX THE BATMAN – BATCYCLE 42155 Instruction Manual</a> Official instruction manual for the BRIKSMAX THE BATMAN – BATCYCLE 42155 building set. Learn how to assemble this detailed model with step-by-step guidance, including lighting integration.
	<a href="#">BRIKSMAX LED Light Kit Installation Guide for The Downtown Diner 10260</a> Step-by-step instructions for installing the BRIKSMAX LED lighting kit for the LEGO Creator Expert The Downtown Diner 10260 model. Enhance your building set with custom lighting.



	<p><a href="#">BRIKSMAX LED Light Kit Installation Guide for LEGO Technic 2022 Ford GT 42154</a></p> <p>Detailed instructions for installing the BRIKSMAX LED lighting kit (Model BX568) onto the LEGO Technic 2022 Ford GT (Set 42154). Enhance your model with illuminated features.</p>
	<p><a href="#">BRIKSMAX LED Light Kit Instructions for LEGO Technic Land Rover Defender 42110</a></p> <p>Step-by-step instructions for installing the BRIKSMAX LED lighting kit for the LEGO Technic Land Rover Defender 42110 set. Enhance your model with illuminated details.</p>
	<p><a href="#">BRIKSMAX LED Lighting Kit for LEGO Technic Porsche 911 RSR 42096 Instructions</a></p> <p>Detailed instructions for installing the BRIKSMAX LED lighting kit on the LEGO Technic Porsche 911 RSR (42096) model. Enhance your LEGO build with custom lighting and bring your model to life.</p>