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**BrickSoul 10300**

# BrickSoul LED Light Kit for LEGO Back to The Future Time Machine (10300)

Instruction Manual

## 1. Introduction

Thank you for choosing the BrickSoul LED Light Kit. This kit is designed to enhance your LEGO Back to The Future Time Machine (Set 10300) by adding dynamic lighting effects, transforming it into a vibrant display piece. This manual provides essential information for safe installation, operation, and maintenance of your lighting kit.

**Please Note: The LEGO Back to The Future Time Machine (Set 10300) building model is NOT included with this lighting kit.**




Image 1.1: Clarification that only the LED light kit is included, not the LEGO model.




Image 1.2: Comparison of the LEGO model without lights and with the BrickSoul LED kit installed, showcasing the visual enhancement.

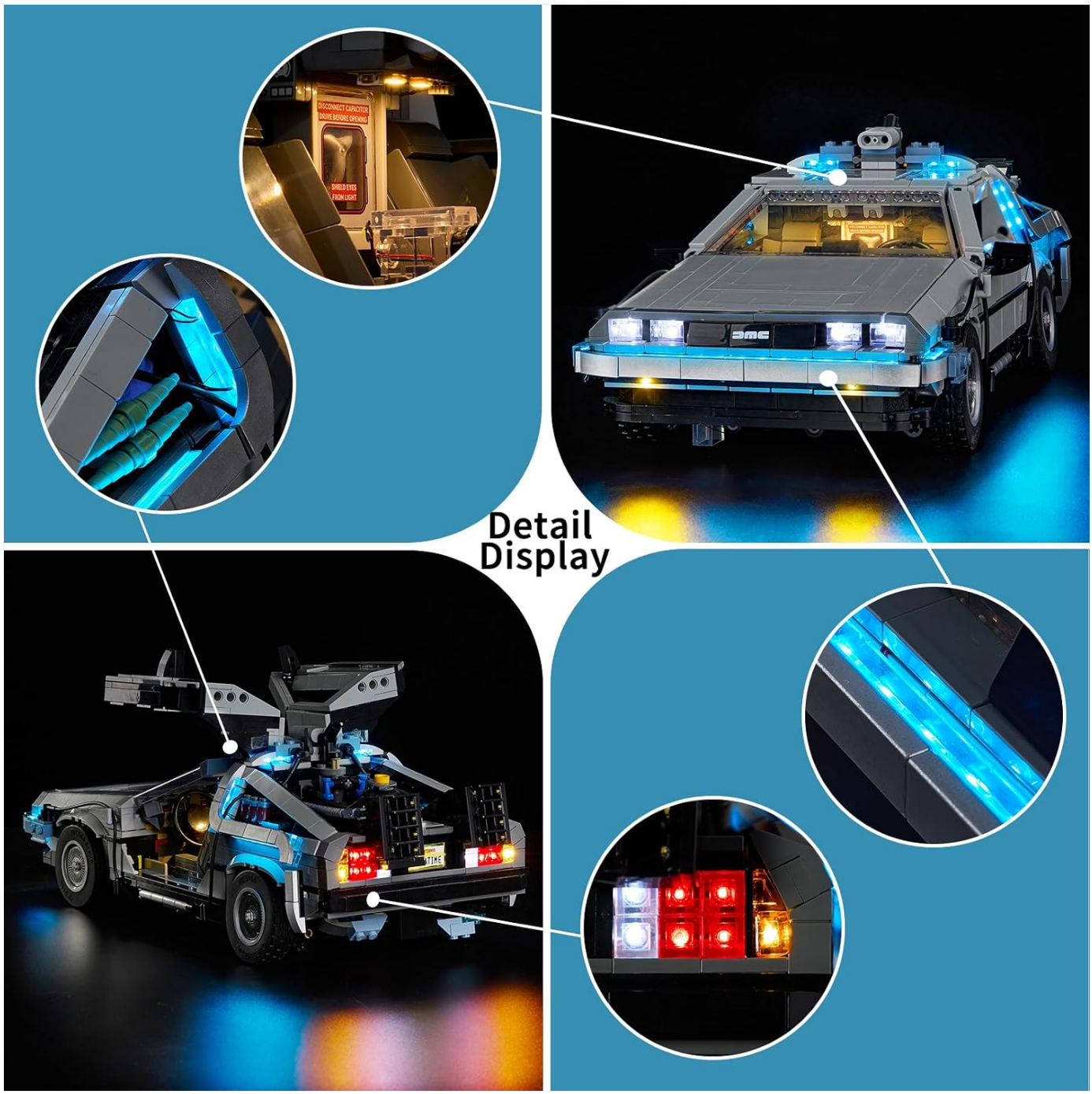



Image 1.3: Close-up views highlighting various illuminated sections of the LEGO Time Machine model after the light kit installation.

## 2. Safety Information

Please read and follow these safety guidelines to prevent damage to the product or injury.

- **Small Parts Warning:** This kit contains small parts that may pose a choking hazard for children under 3 years old. Keep out of reach of young children.
- **Electrical Safety:** Use only the recommended power input (3-5V via USB). Do not connect to higher voltage power sources.
- **Handle with Care:** Wires and LED components are delicate. Avoid excessive pulling, bending, or twisting, which can cause damage.
- **Installation Environment:** Ensure your workspace is clean, well-lit, and free from static electricity during installation.
- **Disposal:** Dispose of electronic components and batteries according to local regulations.

## 3. Package Contents

Your BrickSoul LED Light Kit package should contain the following components:

- LED Light Strips and Individual LEDs
- Connecting Cables
- USB Power Cable
- Battery Box (batteries not included)
- Assorted Lighting Accessories
- Instruction Card with QR code for online guides




Image 3.1: Overview of the main components included in the BrickSoul LED Light Kit.

## 4. Installation Guide

The BrickSoul LED Light Kit is designed for easy installation. We recommend following our detailed online guides for the

best experience.

### 4.1. Accessing Online Instructions

Your kit includes a card with a QR code or a direct link to our online installation guides. These guides are available in both video and PDF formats, offering step-by-step instructions with clear images.

- Visit: support.bricksoultoy.com
- Search for model **10300** to find the specific guide for your kit.

### 4.2. General Installation Steps

1. **Prepare Your Model:** If your LEGO model is already assembled, you may need to carefully disassemble certain sections to integrate the lights. The online guide will specify which parts.
2. **Follow Numbered Bags:** The LED components are often organized in numbered bags to correspond with the installation steps in the guide.
3. **Integrate Lights:** Carefully place the LED lights and route the wires as shown in the instructions. Ensure wires are neatly tucked away to avoid being pinched or visible.
4. **Connect Components:** Connect the LED components to the main circuit board or connecting cables as directed. Ensure connectors are fully seated.
5. **Test Periodically:** It is advisable to test the lights at various stages of installation to ensure all connections are working before fully reassembling your LEGO model.

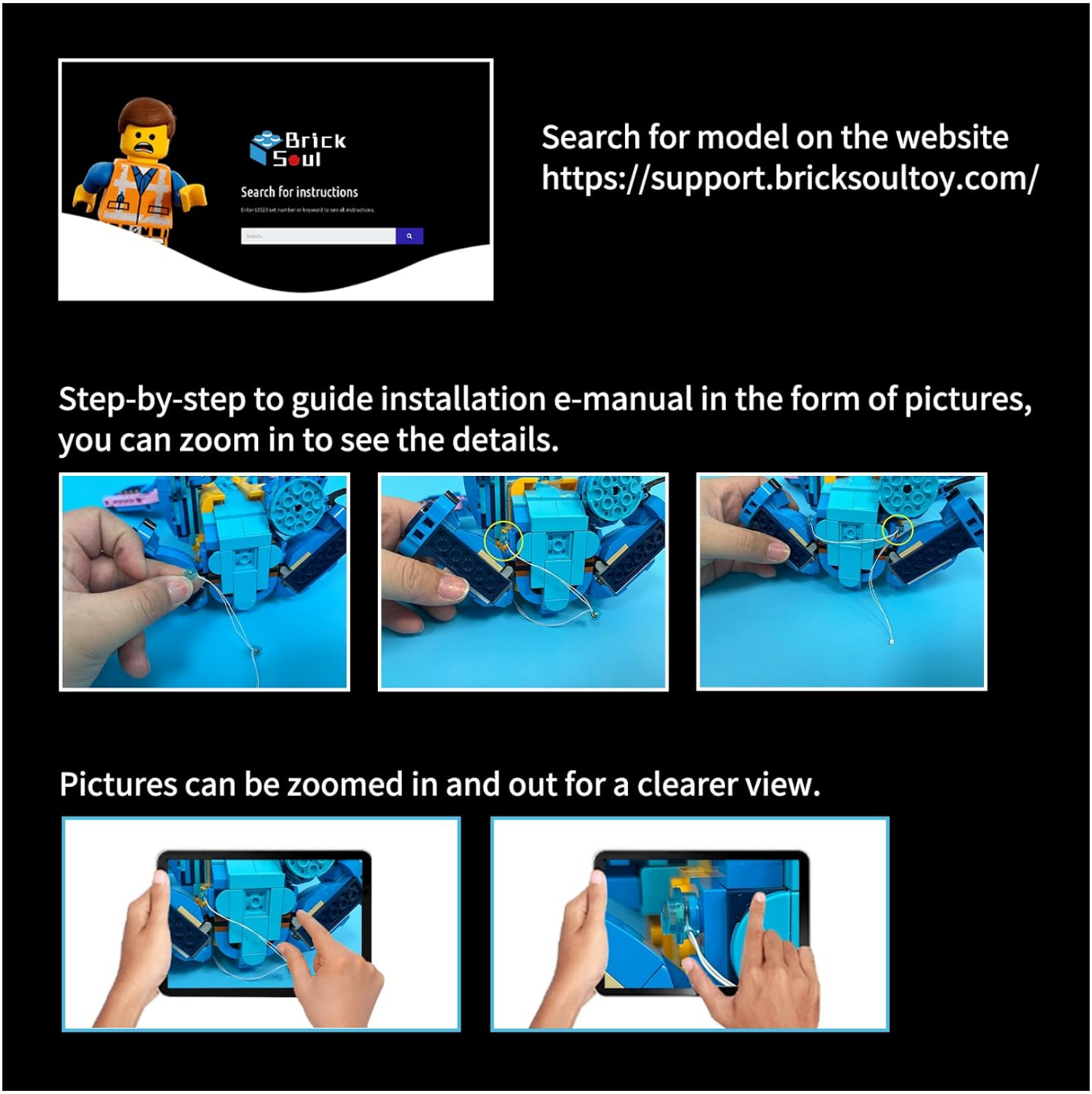



Image 4.1: Example of detailed installation steps provided in the online e-manual, showing how to integrate wires into LEGO bricks.

### 4.3. Installation Video Overview

Watch this video for a visual demonstration of the BrickSoul LED Light Kit for the LEGO 10300 model.

Your browser does not support the video tag.

Video 4.1: A demonstration of the BrickSoul LED Light Kit installed on the LEGO Back to The Future Time Machine 10300, showcasing various lighting effects.

## 5. Operating Instructions

Once installed, powering your BrickSoul LED Light Kit is simple.

1. **Connect Power:** Connect the USB power cable from your light kit to a compatible USB power source (e.g., a USB wall adapter, power bank, or computer USB port).
2. **Battery Box Option:** Alternatively, insert 3x AA batteries (not included) into the battery box and connect it to the kit.

Use the switch on the battery box to turn the lights on/off.

3. **Power On:** Ensure the power source is active. The lights should illuminate.
4. **Voltage:** The kit is designed to operate safely with a 3-5V input.

## 6. Maintenance

To ensure the longevity and optimal performance of your BrickSoul LED Light Kit, follow these maintenance tips:

- **Cleaning:** Use a soft, dry cloth to gently wipe away dust from the lights and wires. Do not use liquid cleaners.
- **Handling:** Avoid unnecessary handling of the wires and LED components once installed.
- **Storage:** If disassembling for storage, carefully disconnect components and store them in a dry, dust-free environment.
- **Power Off:** When not in use for extended periods, disconnect the power source or remove batteries from the battery box.

## 7. Troubleshooting

If you encounter any issues with your BrickSoul LED Light Kit, try the following solutions:

- **Lights Not Turning On:**
  - Check all power connections (USB cable, battery box switch, battery insertion).
  - Ensure the power source is functional (try a different USB port or fresh batteries).
  - Verify all connectors between LED components are fully seated.
- **Some Lights Not Working:**
  - Inspect the connections for the non-working lights. A loose connection is a common cause.
  - Gently check the wires for any visible damage or kinks.
- **Flickering Lights:**
  - Ensure a stable power supply.
  - Check for any loose connections.

If these steps do not resolve the issue, please contact BrickSoul customer support.

## 8. Specifications

| Feature | Detail |
| --- | --- |
| Brand | BrickSoul |
| Model Compatibility | LEGO Back to The Future Time Machine (10300) |
| Power Source | USB Powered (3-5V recommended) or Battery Powered (3x AA batteries) |
| Material | ABS Plastic, Copper Wire |
| Recommended Age | 14 years and up |

## 9. Warranty and Support

BrickSoul stands by the quality of its products. We offer a worry-free warranty to ensure your satisfaction.

- **Warranty Coverage:** If you experience issues such as bent connectors or broken wires due to accidental damage, we offer quick, hassle-free replacements.
- **Customer Support:** For any questions, installation assistance, or warranty claims, please contact the BrickSoul support team. Refer to the contact information provided on your product packaging or visit our official website.


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