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BrickSoul 76419-TV

BrickSoul Upgrade Light Kit for Lego 76419 Hogwarts Castle and Grounds Building Set

MODEL: 76419-TV

Instruction Manual

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your BrickSoul Upgrade Light Kit, specifically designed for the Lego 76419 Hogwarts Castle and Grounds building set. This kit enhances your Lego model with integrated lighting, featuring an upgraded wired one-touch dimming switch for brightness control and high-quality LEDs. The design incorporates hidden cable technology to ensure a clean and professional display, highlighting the architectural details of your model.

Note: The Lego 76419 Hogwarts Castle and Grounds building set is **not included** with this light kit.



Image: The BrickSoul light kit illuminating the Lego Hogwarts Castle and Grounds set, showcasing the enhanced visual appeal.

2. Important Safety Information

- This product is intended for individuals aged 14 years and older.
- The light kit is crafted with high-quality, safety-tested materials and stable 5V low-voltage components.
- Ensure all connections are secure before powering on the kit.
- Do not expose the components to water or excessive moisture.
- Avoid bending or twisting wires excessively, as this may damage the internal conductors.
- Keep small parts away from young children to prevent choking hazards.

3. Package Contents

Please verify that all components listed below are present in your package:

- Light Control Button (with ON/Off & Dimmer Switch)
- Assorted Light Kits (pre-sorted into numbered bags)
- Service Guide

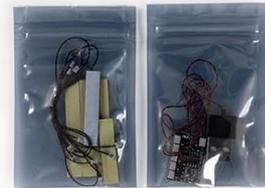
- Tweezers (for precise placement)
- Battery Box (requires 3 AA batteries, not included)
- USB Power Cable (adapter not included)

Light Kit Only – Not Model

Package Include:



Light Control Button



Light Kits



Service Guide



Tweezers



Battery Box
AAA not included

Image: Package contents for the BrickSoul Light Kit, showing the light control button, various light kits, service guide, tweezers, and battery box.

4. Setup and Installation

The BrickSoul light kit is designed for easy and enjoyable assembly. Follow the detailed instructions provided to integrate the lighting into your Lego 76419 set.

1. **Access Instructions:** Detailed online video or PDF instructions are available. Refer to the service guide included in your package for access details.
2. **Prepare Your Lego Set:** Ensure your Lego 76419 Hogwarts Castle and Grounds set is fully assembled and ready for lighting integration.
3. **Follow Numbered Bags:** The light components are organized into clearly numbered bags. Match these numbers to the steps in the instruction guide.
4. **Integrate Lights:** Use the provided tweezers for precise placement of small components. The kit features intuitive snap-on connectors and a logical layout to guide you.

5. **Hidden Cable Design:** Utilize the pre-routed internal channels within the Lego structure (as guided by instructions) to hide wires, ensuring a clean and professional display.
6. **Connect Power:** Once all lights are installed, connect the power source (USB cable or battery box).

For visual guidance, please refer to the official installation video:

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Video: Official installation guide for the BrickSoul Light Kit for Lego 76419 Hogwarts Castle and Grounds, demonstrating the setup process and final illuminated effect. (Duration: 0:44)



Image: Digital instructions for the BrickSoul light kit, accessible via QR code or model number query, offering PDF and video guides.

5. Operation

Your BrickSoul light kit features a user-friendly control system for managing the illumination of your Lego model.

- **Power On/Off:** Press the light control button once to turn the lights on or off.
- **Adjust Brightness:** Hold the light control button to smoothly adjust the brightness level from 0% to 100%. Release the button when the desired brightness is achieved.
- **Power Options:**
 - **USB Power:** Connect the included USB cable to a 5V USB power adapter (not included) or a USB port.
 - **Battery Power:** Insert 3 AA batteries (not included) into the battery box and connect it to the light kit.

Hold To Adjust Brightness By **Usb Button**

Light Kit Only – Model Not Included

 Light Off

Light On 

0%

50%

100%



 Turn On / Off

 Adjust Brightness

New Upgrade



Image: Illustration of the touch dimmer functionality, showing light off, 50% brightness, and 100% brightness on the Lego Hogwarts Castle.

Every Detail Shines Bright

Light Kit Only – Model Not Included



Image: Close-up images demonstrating the detailed illumination of various sections of the Lego Hogwarts Castle, including interior lighting and water effects.

6. Maintenance

To ensure the longevity and optimal performance of your BrickSoul light kit, follow these maintenance guidelines:

- **Cleaning:** Gently dust the light components and wires with a soft, dry cloth. Avoid using liquid cleaners directly on the electrical components.
- **Battery Replacement:** If using the battery box, replace all 3 AA batteries simultaneously when lights dim or cease to function. Ensure correct polarity.
- **Cable Management:** Periodically check that all hidden cables remain securely tucked away and are not pinched or exposed.
- **Storage:** If storing the Lego model with the light kit, ensure it is kept in a dry, dust-free environment away from extreme temperatures.

7. Troubleshooting

If you encounter any issues with your light kit, please refer to the following common solutions:

- **Lights Not Turning On:**

- Verify that the power source (USB or batteries) is correctly connected and functional.
- If using batteries, ensure they are new and inserted with correct polarity.
- Check all wire connections to ensure they are securely plugged into their respective ports.

- **Lights Are Dim or Flickering:**

- Adjust the brightness using the dimmer switch.
- If using batteries, they may be low and require replacement.
- Ensure the USB power source provides sufficient and stable 5V power.

- **Individual Lights Not Working:**

- Carefully check the connection of the specific light unit.
- Inspect the wire for any visible damage or kinks.

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

8. Specifications

Brand	BrickSoul
Model Number	76419-TV
Part Number	76419-TV
Item Weight	4.8 ounces
Product Dimensions	6.36 x 4.32 x 1.33 inches
Material	Plastic
Included Components	LED Light Kit
Special Features	Non Toxic
Power Source	USB (or 3x AA batteries, not included)
Batteries Included?	No
Batteries Required?	No (if using USB), Yes (3 AA if using battery box)
Recommended Age	14 years and up

9. Warranty and Support

BrickSoul is committed to providing high-quality products and excellent customer service. Your light kit comes with a satisfaction guarantee and dedicated support.

- **Customer Support:** We offer responsive customer support to swiftly resolve any questions or concerns you may have.
- **1-Year Hassle-Free Support:** Enjoy peace of mind with our comprehensive support for one year from the date of purchase.
- **Free & Fast Replacement:** In the event of a manufacturing defect or component failure, we provide free

and fast replacements.

- **Quality Assurance:** Our products are safety and durability tested to ensure lasting performance.

For support inquiries, please refer to the contact information provided in your service guide or visit the official BrickSoul store on Amazon: [BrickSoul Store](#).