

Hilighting 76917

Hilighting LED Light Kit for LEGO Speed Champions Nissan Skyline GT-R (R34) Model 76917 Instruction Manual

Enhance your LEGO building experience with vibrant lighting effects.

1. INTRODUCTION

This instruction manual provides detailed guidance for installing and operating your Hilighting LED Light Kit, specifically designed for the LEGO Speed Champions 2 Fast 2 Furious Nissan Skyline GT-R (R34) Race Car Toy Model Building Kit (LEGO Set 76917). The light kit is intended to enhance the visual appeal and display of your LEGO model by adding dynamic lighting effects. Please read all instructions carefully before beginning installation.

Note: The LEGO model (Set 76917) is not included with this light kit.

2. SAFETY INFORMATION

- This product contains small parts and is not suitable for children under 3 years old due to choking hazards.
- Handle wires and LED components with care to avoid damage.
- Ensure power source is 5V DC. Using incorrect voltage may damage the lights.
- Do not immerse components in water.

3. WHAT'S IN THE BOX

Your Hilighting LED Light Kit package includes the following components:

- Integrated Design Lights
- Expansion Board
- USB Power Cable
- AAA Battery Case (batteries not included)
- Light Strips
- Connecting Cables
- Instruction Manual (printed guide)

PACKAGE INCLUDE

Note: Only Light Kit Not Include The Lego Model



Figure 1: Contents of the Hilighting LED Light Kit package.

4. SETUP AND INSTALLATION

The installation process involves carefully integrating the LED components into your existing LEGO model. It is recommended to follow the detailed steps provided in the included printed instruction manual and the official installation video for best results.

General Installation Steps:

1. **Prepare the LEGO Model:** Carefully disassemble specific sections of your LEGO Nissan Skyline GT-R (R34) model as indicated in the instructions to access areas for light placement.

2. **Route Wires:** Gently thread the thin connecting wires through the LEGO bricks and gaps to conceal them as much as possible. Avoid pinching or bending wires sharply.
3. **Attach LED Lights:** Place the small LED lights and light strips in the designated areas, such as headlights, taillights, and interior sections. Secure them using adhesive squares or by integrating them with LEGO bricks.
4. **Connect to Expansion Board:** Connect the LED wires to the expansion board, ensuring correct polarity if specified.
5. **Reassemble Model:** Carefully reassemble the LEGO model, ensuring all wires are neatly tucked away and not interfering with the model's structure.
6. **Connect Power:** Attach the USB power cable or battery case to the expansion board.



Figure 2: The LEGO Nissan Skyline GT-R (R34) model with the Hilighting LED Light Kit fully installed and illuminated.

Great for Diy Lego Model Lights Decoration

(Note: Only Light Kit Not Include The Lego Model)



Figure 3: Detailed view of the illuminated headlights and interior lighting.

Official Installation Video:

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Video 1: Detailed installation guide for the LED Light Kit on the LEGO Nissan Skyline GT-R (R34) model. This video provides step-by-step visual instructions for assembly.

5. OPERATING THE LIGHT KIT

Once installed, your Highlighting LED Light Kit can be powered using various methods:

- **USB Port:** Connect the provided USB power cable to any standard 5V USB power source (e.g., power bank, computer USB port, USB wall adapter).
- **AAA Battery Case:** Insert 3 AAA batteries (not included) into the battery case and connect it to the expansion board.

The lights feature a 5V voltage safety design and may include seven-color self-flashing or ordinary light modes, depending on the specific light components in your kit. Refer to the printed manual for specific mode controls if applicable.

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Video 2: Demonstration of the Hilighting LED Light Kit for LEGO 76917 in operation, showcasing the illuminated effects.

6. MAINTENANCE

- Keep the light kit components clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the lights to extreme temperatures or direct sunlight for prolonged periods.
- If using batteries, remove them if the kit will not be used for an extended period to prevent leakage.

7. TROUBLESHOOTING

- **Lights not turning on:**
 - Check if the power source (USB or batteries) is correctly connected and functional.
 - Ensure batteries are inserted with correct polarity and are not depleted.
 - Verify all wire connections to the expansion board are secure.
- **Some lights not working:**
 - Inspect the specific light unit and its connecting wire for any visible damage or loose connections.
 - Ensure the wire is not pinched between LEGO bricks.
- **Flickering lights:**
 - This may indicate a loose connection or a weak power source. Recheck connections and try a different power source.

8. SPECIFICATIONS

Feature	Detail
Brand	Hilighting
Item Model Number	76917-P46401
Compatible LEGO Set	LEGO Speed Champions 2 Fast 2 Furious Nissan Skyline GT-R (R34) Race Car Toy Model Building Kit (76917)
Power Source	Battery Powered (3x AAA, not included) / USB Port (5V)

Light Source Type	Light Emitting Diode (LED)
Voltage	5 Volts
Brightness	700 lumen
Bulb Features	Self-flashing or multi-color options available
Material	Plastic
Product Dimensions	6.5 x 4.72 x 1.57 inches
Item Weight	3.84 ounces

9. WARRANTY AND SUPPORT

The Hilighting team is committed to providing excellent customer service. We offer 24-hour online technical support to assist you with any questions or concerns you may have regarding your LED light kit.

For technical assistance or inquiries, please contact us through the platform where you purchased the product.