Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

BrickSoul BS-76344-tvw

BrickSoul LED Light Kit for LEGO Iron Man Mark 3 (76344)

Instruction Manual

1. Introduction

The BrickSoul LED Light Kit is designed to enhance your LEGO Iron Man Mark 3 (76344) building set by adding dynamic and cinematic lighting effects. This kit is an accessory and does **not** include the LEGO model itself, which must be purchased separately or owned previously.

This manual provides detailed instructions for the installation, operation, and maintenance of your BrickSoul LED Light Kit. Please read it carefully before beginning installation.



Image 1.1: Overview of the BrickSoul LED Light Kit and its intended application with the Iron Man Mark 3 model.

2. Package Contents

Verify that all components listed below are present in your package:

- LED Light Kits (various components)
- Light Control Button
- Battery Box (requires AAA batteries, not included)
- USB Power Cable
- Tweezers
- Installation Guide



Image 2.1: Contents of the BrickSoul LED Light Kit.

3. Safety Information

Please observe the following safety guidelines:

- This product contains small parts and is not suitable for children under 3 years old.
- Operate the light kit using only the provided low-voltage 5V components.
- Do not attempt to disassemble or modify the LED light components or wiring.
- Avoid exposing the kit to water, excessive moisture, or extreme temperatures.
- Ensure proper battery insertion and disposal if using battery power.

4. Setup and Installation

Installation of the BrickSoul LED Light Kit is designed to be straightforward. Follow the detailed instructions provided in the

included guide.

1. **Prepare the LEGO Model:** Carefully disassemble the necessary sections of your LEGO Iron Man Mark 3 (76344) model as indicated in the installation guide.
2. **Identify Light Components:** The light components are organized in numbered bags. Refer to the installation guide to match each bag to its corresponding installation step.
3. **Install LEDs:** Using the provided tweezers, carefully place the LED lights into the designated areas of the LEGO model. The guide will show precise placement for eye lights, chest arc reactor, hand repulsors, and other accent lights.
4. **Route Wires:** Route the wires along the hidden channels and gaps within the LEGO structure to maintain a clean and professional appearance. The wires are designed to integrate seamlessly.
5. **Connect to Control Board:** Connect the individual light wires to the main control board as per the diagram in the guide.
6. **Reassemble Model:** Carefully reassemble the LEGO model, ensuring no wires are pinched or damaged.
7. **Connect Power:** Connect the light control button and either the USB power cable or the battery box (with 3x AAA batteries, not included) to the main control board.

For visual assistance, detailed PDF and video instructions are available. Refer to the QR code or link in your physical instruction guide for access.



Image 4.1: Detailed view of installed lighting effects.

5. Operating Instructions

The BrickSoul LED Light Kit features an upgraded touch control for easy operation:

- **Power On/Off:** Tap the light control button once to turn the lights on or off.
- **Adjust Brightness:** To adjust the brightness, press and hold the light control button. The brightness will smoothly increase or decrease. Release the button when the desired brightness level is reached.

The kit can be powered via the provided USB cable connected to a 5V USB power source (e.g., power bank, wall adapter) or by inserting 3x AAA batteries (not included) into the battery box.



Image 5.1: Demonstrating adjustable lighting with the touch control.

6. Maintenance

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

- **Cleaning:** Gently wipe the LED components and wires with a dry, soft cloth to remove dust. Do not use liquid cleaners.
- **Storage:** If storing the model for an extended period, disconnect the power source (remove batteries or unplug USB) to prevent battery drain or potential damage.
- **Handling:** Handle the illuminated model with care to avoid stressing the wires or dislodging LED components.

7. Troubleshooting

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

Problem	Solution
Lights do not turn on.	◦ Check if the USB cable is securely connected to both the control board and a working power source. ◦ If using batteries, ensure 3x AAA batteries are correctly inserted with the correct polarity and are not depleted. ◦ Verify the light control button is properly connected.
Lights are flickering.	◦ Ensure all wire connections to the control board and individual LEDs are secure. ◦ Check the power source for stability. If using batteries, they might be low.
Brightness adjustment is not working.	◦ Ensure you are pressing and **holding** the touch control button, not just tapping it. ◦ Verify the touch control button is correctly connected to the control board.
Some lights are not working.	◦ Check the specific wire connection for the non-working LED. ◦ Ensure the LED itself is not damaged (avoid excessive bending or pulling).

8. Specifications

Brand	BrickSoul
Model Number	BS-76344-tvw
Compatible LEGO Set	Iron Man Mark 3 (76344)
Material	Plastic
Light Source Type	LED (Light Emitting Diode)
Power Source	Battery Powered (3x AAA, not included) or USB (5V)
Dimmable	Yes
Number of Light Sources	8
Product Dimensions (L x W x H)	15.5 cm x 13 cm x 3 cm (packaging/kit dimensions)



Image 8.1: Product display with various lighting effects.

9. Warranty and Support

BrickSoul offers a comprehensive warranty and dedicated customer support:

- **Warranty:** Enjoy a one-year free replacement warranty for any product quality issues.
- **Support:** If you require any assistance, our support team is ready to help. Please contact us through Amazon messages for prompt service.



Image 9.1: The BrickSoul LED Light Kit enhancing the Iron Man Mark 3 model in a display setting.

© 2023 BrickSoul. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0H6MTQPJH

More documents and user manuals: **https://manuals.plus/**