



[Manuals.plus](#) /

› [Brick Shine](#) /

› Instruction Manual for Brick Shine Light Kit for Lego Volkswagen T1 Camper Van 10220 (Classic)

Brick Shine Classic

Instruction Manual

GC Light Kit for Lego Volkswagen T1 Camper Van 10220 (Classic)

Brand: Brick Shine | Model: Classic

1. INTRODUCTION

This instruction manual provides detailed guidance for the installation, operation, and maintenance of your Brick Shine Light Kit for the Lego Volkswagen T1 Camper Van 10220. This kit is designed to enhance your Lego model with realistic lighting, bringing it to life. Please read this manual thoroughly before beginning installation to ensure proper setup and safe operation.

2. SAFETY INFORMATION

Always observe the following safety precautions:

- Keep small components away from young children to prevent choking hazards.
- Handle wires and LED lights carefully to avoid damage.
- Ensure the power source is disconnected before performing any installation or maintenance.
- Do not expose the light kit to excessive heat or moisture.
- Use only recommended power sources (AAA/AA batteries or USB power bank/adapter).

3. PACKAGE CONTENTS

Your Brick Shine Light Kit package should contain the following components:

- Assorted LED light strings and individual LEDs
- Connecting cables
- Expansion boards
- Battery box (for AAA/AA batteries, batteries not included)
- USB power cable
- Adhesive squares/strips

- Instruction manual (this document)
- *Note: The Lego Volkswagen T1 Camper Van 10220 set is not included with this light kit.*

4. INSTALLATION GUIDE

The installation process is designed to be straightforward with plug-and-play components. Follow the step-by-step instructions and refer to the accompanying diagrams and images for visual guidance.

4.1 Preparation

- Ensure your Lego Volkswagen T1 Camper Van 10220 model is fully assembled.
- Gather all light kit components and verify against the package contents list.
- Prepare your power source: either 3x AAA or AA batteries for the battery box, or a USB power bank/wall adapter.

4.2 Step-by-Step Installation

Detailed steps are provided in the included printed manual. Below are general guidelines and visual aids.



Figure 1: Fully illuminated Lego Volkswagen T1 Camper Van with the light kit installed.



Figure 2: Close-up of the front lighting, highlighting the headlights and turn signals.



Figure 3: Side view demonstrating interior lighting and rear brake lights.



Figure 4: Rear view showcasing the tail lights and license plate illumination.



Figure 5: Detailed interior view with ambient lighting.

4.3 Powering the Light Kit

The light kit can be powered in two ways:

- **Battery Box:** Insert 3x AAA or AA batteries (not included) into the provided battery box. Connect the battery box to the main expansion board.
- **USB Power:** Connect the built-in USB cable to a USB power bank or a USB wall adapter (not included).

Ensure the power source is stable and provides sufficient power for all lights to function optimally.

5. OPERATING INSTRUCTIONS

Once installed and powered, the light kit will illuminate your Lego model. The "Classic" version of this kit typically operates by simply connecting the power source, providing continuous illumination.

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Video 1: Demonstration of the Brick Shine light kit for the Lego Volkswagen T1 Camper Van 10220. This video showcases both the standard illumination and the remote control features available in the "Remote" version of the kit, including changing interior light colors and adjusting brightness.

5.1 Classic Version Operation

For the Classic version, simply connect the power source (battery box or USB) to activate the lights. Disconnect the power source to turn off the lights.

5.2 Remote Version (If Applicable)

While this manual is for the Classic version, a Remote version is also available. The Remote version allows for advanced control over lighting effects, brightness, and color changes via a dedicated remote control. Refer to the specific manual for the Remote version for detailed operating instructions if you have that model.

6. MAINTENANCE

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

- Keep the light kit and Lego model clean by gently dusting with a soft, dry cloth.
- Avoid pulling on wires excessively during installation or handling.
- If using batteries, remove them if the kit will not be used for an extended period to prevent leakage.
- Store the kit in a cool, dry place away from direct sunlight.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, faulty component.	Check battery installation/USB connection. Ensure all wires are securely plugged into expansion boards. Inspect for damaged wires or LEDs.
Some lights are dim or flickering.	Low battery power, loose connection, damaged LED.	Replace batteries or switch to USB power. Check connections. If an individual LED is faulty, it may need replacement (contact support).
Lights are not evenly distributed.	Improper placement during installation.	Review installation steps and adjust LED placement as needed.

8. SPECIFICATIONS

Feature	Detail
Product Name	GC Light kit for Lego Volkswagen T1 Camper Van 10220 (Classic)
Brand	Brick Shine
Model	Classic
Power Source	Battery Box (3x AAA/AA, not included) or USB Power (USB power bank/adapter, not included)

Feature	Detail
Materials	ABS plastic (light bricks), Copper wire (cables), High-efficiency LEDs
Package Dimensions	6.7 x 4.3 x 1.7 inches
Item Weight	1.1 pounds
Manufacturer Recommended Age	8 years and up
Manufacturer	FENGMA Technology Pty Ltd

9. WARRANTY AND SUPPORT

Brick Shine is committed to providing quality products and exceptional customer service. For any questions regarding installation, operation, or troubleshooting, please refer to the contact information provided with your purchase or visit the official Brick Shine website for support resources.

This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. Please retain your proof of purchase for warranty claims.