

[Manuals.plus](#) /

› [fouwick](#) /

› fouwick LED Red Tail Trailer Light Kit Instruction Manual

fouwick Light kit

fouwick LED Red Tail Trailer Light Kit Instruction Manual

Model: Light kit

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your fouwick LED Red Tail Trailer Light Kit. This kit is designed for 12V DC vehicles, offering stop, turn, tail, side marker, and license plate light functions. It is suitable for various applications including boat trailers, utility trailers, trucks, RVs, and more.

PACKAGE CONTENTS

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

- 2 x Square LED Tail Lights
- 2 x Amber Clearance Lights
- 1 x License Plate Bracket
- 1 x 26-foot Trailer Wiring Harness
- Assorted Stainless Steel Mounting Hardware (nuts, bolts, screws, wire connectors)

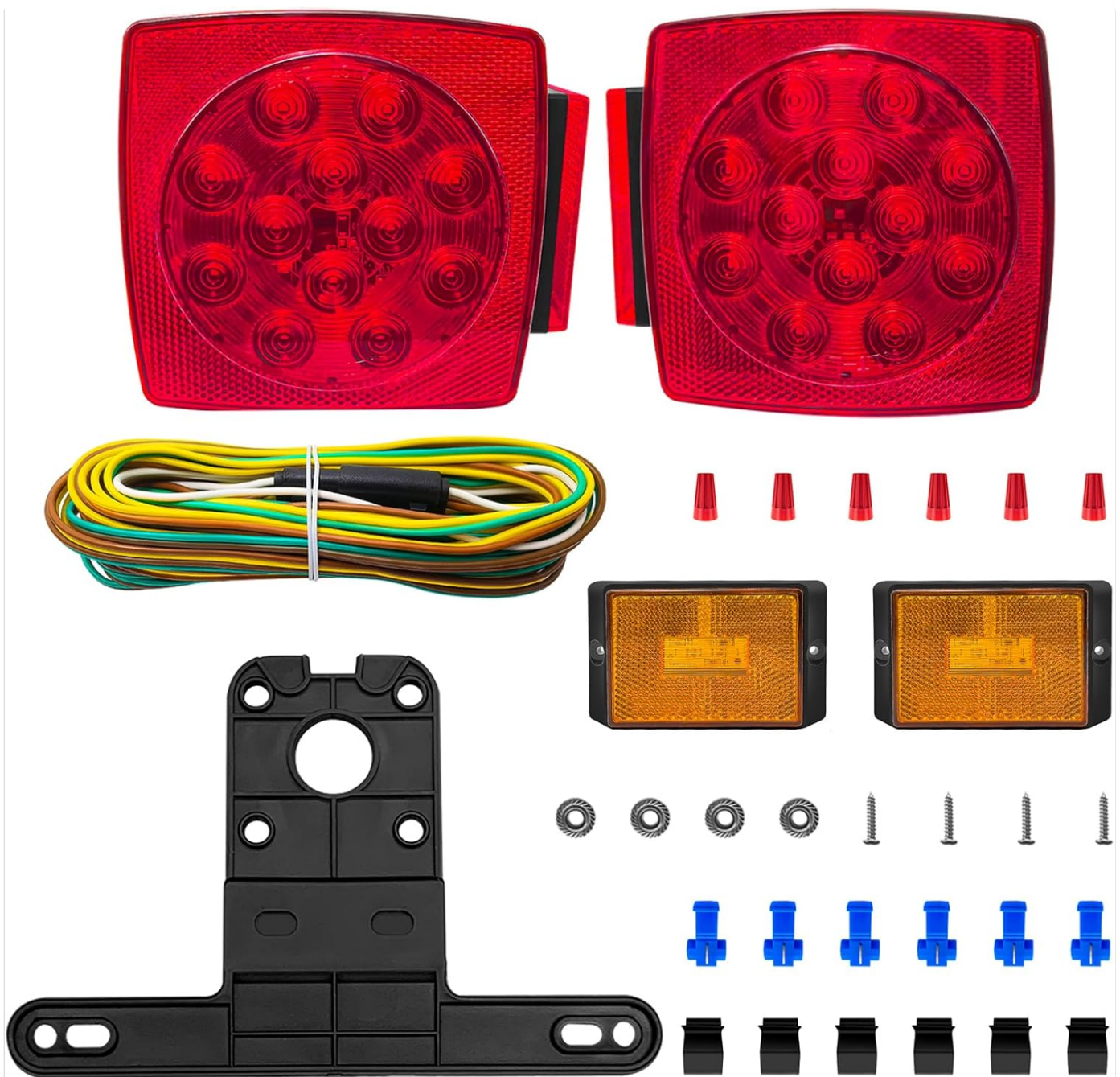


Image: All components included in the fourwick LED Red Tail Trailer Light Kit.

PRODUCT SPECIFICATIONS

Brand	fouwick
Model	Light kit
Voltage	12V DC
Functions	Stop, Turn, Tail, Side Marker, License Plate Light
Waterproof Rating	IP67 (Submersible)
Dimensions (Main Light)	Approximately 4.56 x 3.7 x 2.75 inches (L x W x H)
Wire Harness Length	26 feet (approx. 22ft + 4ft)
Compliance	DOT Compliant



Image: Dimensions of the main tail light and side marker light.

INSTALLATION INSTRUCTIONS

Proper installation is crucial for the safe and effective operation of your trailer lights. Please follow these steps carefully.

1. Pre-Installation Check

- Ensure the vehicle's power is off before beginning installation.
- Verify all components are present and undamaged.
- Familiarize yourself with the wiring diagram provided.

2. Mounting the Lights

The lights can be mounted on the rear or side of the trailer. Use the provided stainless steel mounting hardware to secure the square tail lights and amber clearance lights to your trailer frame. Ensure they are positioned to provide maximum visibility and comply with local regulations.



Image: Example of tail lights installed on a trailer.

3. Wiring Connection

Connect the wiring harness according to the standard trailer wiring color code. Ensure all connections are secure and properly insulated to prevent short circuits, especially before marine or underwater use.

- **White Wire:** Ground
- **Brown Wire:** Tail Lights / License Plate Illumination
- **Yellow Wire:** Left Hand Stop & Turn Signal
- **Green Wire:** Right Hand Stop & Turn Signal

A strong, common ground connection is essential for optimal performance. If experiencing issues, ensure the ground wire is firmly attached to the trailer frame at a single, reliable point.

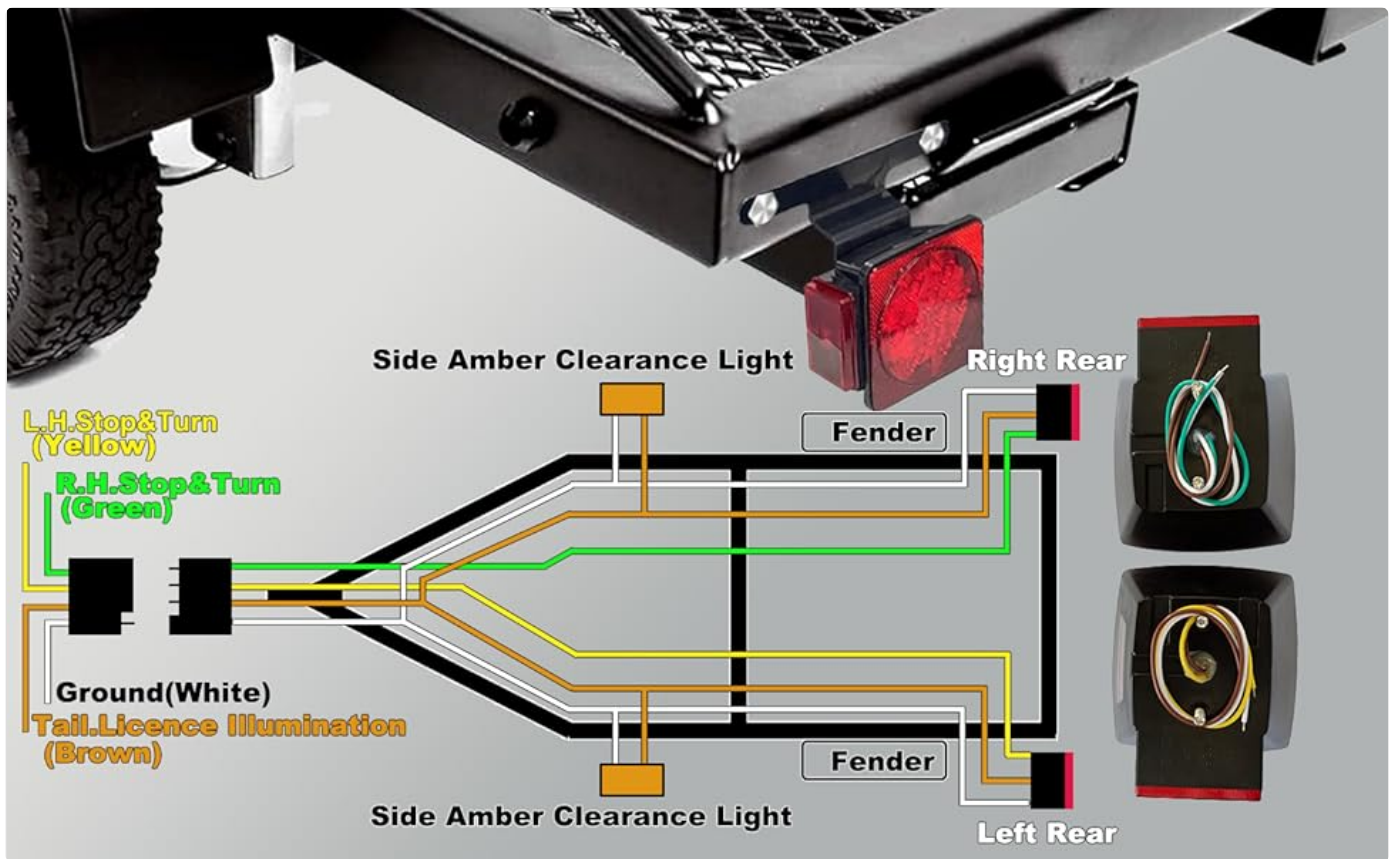


Image: Wiring diagram for the trailer light kit.

OPERATING INSTRUCTIONS

Once correctly installed, the fourwick LED Red Tail Trailer Light Kit provides the following functions:

- **Stop Light:** Illuminates brightly when the vehicle's brakes are applied.
- **Turn Signal:** Flashes to indicate a left or right turn.
- **Tail Light:** Provides continuous red illumination when headlights are on.
- **Side Marker Light:** Amber lights provide additional visibility on the sides of the trailer.
- **License Plate Light:** Illuminates the license plate for visibility.

The LED design ensures optimal brightness and a longer lifespan compared to traditional incandescent lamps, enhancing safety on the road.



Image: Illustration of light functions.

MAINTENANCE

The fouwick LED Red Tail Trailer Light Kit is designed for durability and minimal maintenance.

- **Waterproof Design:** The lights feature an IP67 waterproof rating and a glue filling process, along with a drainage port design to prevent seawater corrosion. This allows for submersible use without damage.
- **Regular Inspection:** Periodically check all wiring connections for corrosion or damage. Ensure all lights are functioning correctly before each use.
- **Cleaning:** Clean the light lenses with a soft cloth and mild soap as needed to maintain optimal light output. Avoid abrasive cleaners.



Image: Waterproof feature of the lights.

TROUBLESHOOTING

If you encounter issues with your trailer light kit, consider the following common solutions:

- **Lights Not Working:**

- Check all wiring connections for looseness or corrosion.
- Ensure the ground wire (white) has a strong, clean connection to the trailer frame. A poor ground is a common cause of light malfunctions.
- Inspect the vehicle's trailer light connector for dirt or damage.
- Verify the vehicle's fuses related to trailer lighting are intact.

- **Dim Lights:**

- Check for voltage drops in the wiring.
- Ensure a solid ground connection.

- **Intermittent Operation:**

- Inspect for loose connections or damaged wiring that may be making intermittent contact.
- Check for corrosion in connectors.

If problems persist after checking these points, consult a qualified automotive electrician.

WARRANTY AND SUPPORT

Specific warranty details are typically provided at the point of purchase or on the manufacturer's official website. For product support or inquiries, please refer to the contact information provided by your retailer or the fouwick brand directly. The product is 100% DOT Compliant, ensuring it meets safety standards.

