KIFIDAN 4 Pin Trailer Light Tester

KIFIDAN 4 Pin Trailer Light Tester User Manual

1. Introduction

The KIFIDAN 4 Pin Trailer Light Tester is designed to verify the correct functionality of your trailer's turn signals and tail lights. This device helps diagnose electrical issues efficiently, contributing to safer towing by ensuring your trailer's lighting system is fully operational. It is compatible with most trailers equipped with a standard 4-pin connector, offering broad versatility for utility, boat, and camper trailers.

2. Safety Information

Always ensure your vehicle and trailer are parked on a level surface with the parking brake engaged before performing any electrical testing. Disconnect the vehicle's battery if working directly with wiring, though this tester is designed for plug-and-play use. Avoid contact with water or moisture during operation to prevent electrical hazards. Do not attempt to disassemble or modify the tester.

3. Package Contents

- 1 x KIFIDAN 4 Pin Trailer Light Tester

4. Product Overview

The KIFIDAN 4 Pin Trailer Light Tester is a compact, durable device featuring three clear LED indicators for easy diagnosis. Its robust, weather-resistant construction ensures reliable performance in various outdoor conditions.



Figure 1: KIFIDAN 4 Pin Trailer Light Tester

Key Features:

- **LED Indicators:** Clearly labeled lights for TAIL (tail lights), LT (left turn & stop), and RT (right turn & stop).
- **Plug-and-Play Design:** Simple to connect and use without complex setup.
- **Durable Construction:** Crafted from robust, weather-resistant materials for longevity.



Figure 2: LED Indicator Labels

5. Setup

The KIFIDAN 4 Pin Trailer Light Tester is designed for immediate use. No assembly or battery installation is required.

1. Ensure your vehicle's ignition is off.
2. Locate the 4-pin trailer connector on your vehicle.
3. Align the tester's pins with the vehicle's connector and firmly plug it in.



Figure 3: Tester Plugged In

6. Operating Instructions

Once the tester is securely plugged into your vehicle's 4-pin connector, you can begin testing the lighting functions.

1. **Tail Lights:** Turn on your vehicle's headlights (or parking lights). The 'TAIL' LED on the tester should illuminate.
2. **Left Turn Signal:** Activate your vehicle's left turn signal. The 'LT' LED on the tester should flash.
3. **Right Turn Signal:** Activate your vehicle's right turn signal. The 'RT' LED on the tester should flash.
4. **Brake Lights:** Press your vehicle's brake pedal. Both the 'LT' and 'RT' LEDs on the tester should illuminate steadily.

If an LED does not illuminate or flash as expected, it indicates a potential issue with that specific circuit in your vehicle's wiring or the trailer's connection.



Figure 4: Bright LED Indicators in Operation

7. Maintenance

The KIFIDAN 4 Pin Trailer Light Tester requires minimal maintenance due to its durable design.

- **Cleaning:** Wipe the tester with a dry or slightly damp cloth to remove dirt or debris. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the tester in a dry place away from extreme temperatures when not in use.
- **Inspection:** Periodically inspect the pins for any signs of corrosion or damage. Clean pins with a suitable electrical contact cleaner if necessary.



Figure 5: Weather-Resistant Design

8. Troubleshooting

Problem	Possible Cause	Solution
No LEDs illuminate when plugged in.	No power from vehicle connector; poor connection.	Ensure tester is fully seated. Check vehicle's fuse for trailer lights. Inspect vehicle's connector for damage or corrosion.
Specific LED (e.g., LT, RT, TAIL) does not light up.	Issue with that specific circuit in the vehicle's wiring.	Check the corresponding fuse in the vehicle. Inspect wiring for breaks or loose connections.
LEDs are dim or flicker.	Poor electrical connection; low voltage.	Ensure a clean, firm connection. Check vehicle's battery voltage.

9. Specifications

Feature	Detail
Brand	KIFIDAN
Model Name	Trailer Wiring Tester
Item Model Number	4 Pin Trailer Light Tester
Manufacturer Part Number	KIFIDAN-Tuo Che Yi-0804
ASIN	B0D91PP1NY
Item Weight	0.317 ounces
Product Dimensions (L x W x H)	1.92 x 1.31 x 0.47 inches
Color	Black



Figure 6: Product Dimensions

10. Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact KIFIDAN customer service through the retailer where the product was purchased. Please have your product model number and ASIN (B0D91PP1NY) available when contacting support.

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