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VEVOR LQLK-3001LD

VEVOR Golf Cart Light Kit (Model LQLK-3001LD) Instruction Manual

For Yamaha G29 Golf Carts (2007-Up)

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your VEVOR Golf Cart Light Kit, Model LQLK-3001LD. This kit is specifically designed for Yamaha G29 golf cart models manufactured from 2007 onwards. Please read this manual thoroughly before installation and use to ensure proper function and safety.

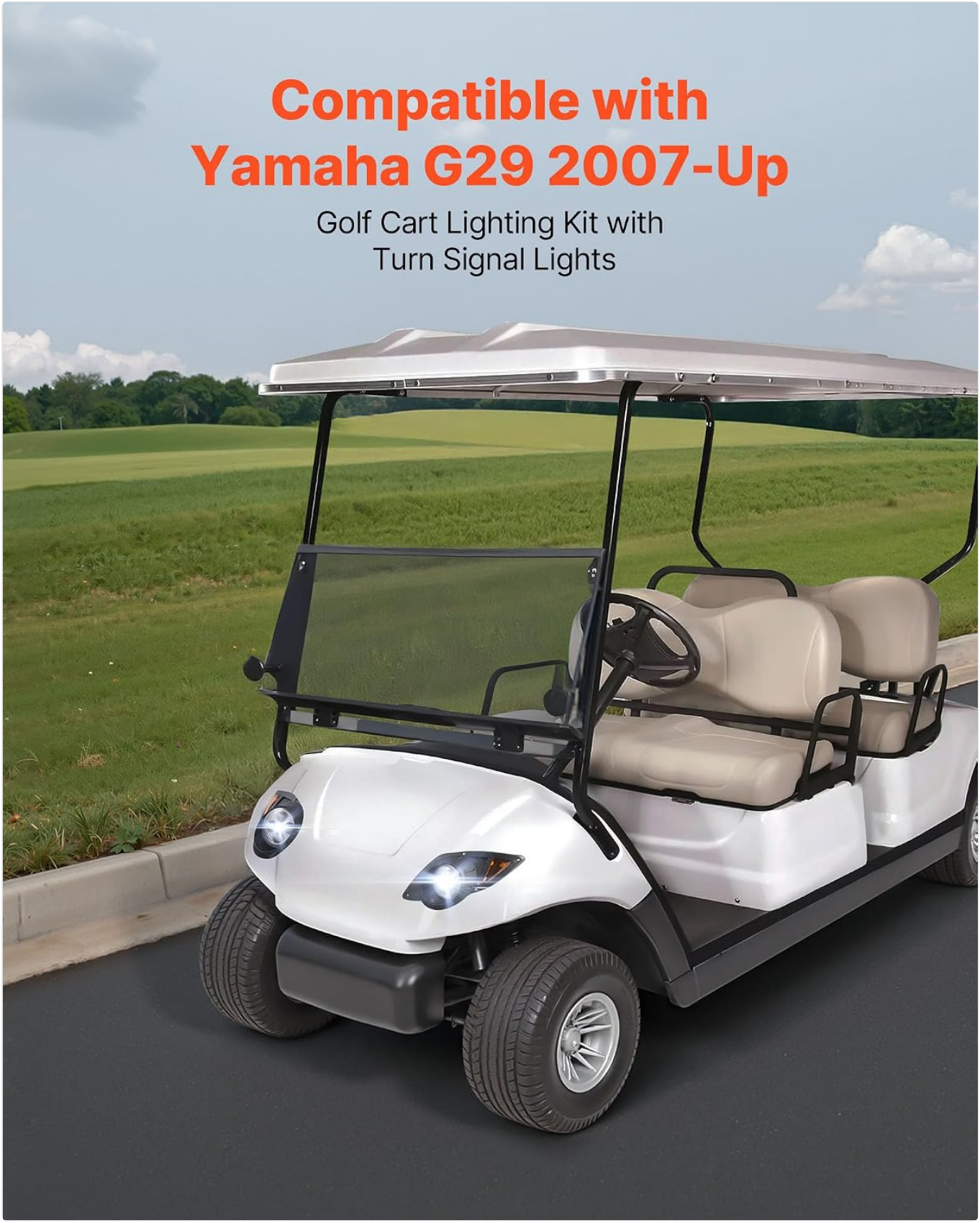

Image 1.1: VEVOR Golf Cart Light Kit installed on a Yamaha G29 golf cart.

2. Product Features

The VEVOR Golf Cart Light Kit offers a comprehensive lighting solution for your Yamaha G29 golf cart, enhancing visibility and safety. Key features include:

- **Ideal Fit:** Designed for Yamaha G29 models (2007-Up) for direct installation without modifications.
- **Multi-functional Control:** An integrated turn signal switch manages the horn, headlights, and turn signals (left/right).

- **High-Intensity LED Lighting:** Quality LED bulbs provide bright, clear illumination with low energy consumption and extended lifespan.
- **Enhanced Security:** Features a waterproof horn and durable brake pads, supporting 12-volt systems for reliable performance in various conditions.
- **Complete Kit:** Includes all necessary components such as wiring harness, horn, zip ties, turn signal covers, and brake pads for a straightforward installation.



Image 2.1: The light kit is designed for durability and performance in various weather conditions, including night, rain, and fog.

3. What's in the Box

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

- 2 x LED Headlights
- 2 x LED Taillights
- 1 x Combination Switch Assembly
- 1 x Brake Switch
- 1 x Horn
- 1 x Wire Clip
- 1 x Wiring Harness
- 1 x Cutting Template
- 6 x Brake Switch Screws
- 14 x Lighting Screws
- 7 x Zip Ties
- 1 x User Manual



Image 3.1: All components included in the VEVOR Golf Cart Light Kit.

4. Specifications

Item Model Number	LQLK-3001LD
Voltage & Current	DC 12V 8A Max

Golf Cart Brand	Yamaha
Golf Cart Model	G29
Golf Cart Model Year	2007-Up
Input Power	22W
LED Power	28W
Main Material	ABS, PC, PP
Net Weight	7.41 lbs / 3.36 kg
Headlight Dimensions	13.39 x 5.91 x 4.72 inches (340 x 150 x 120 mm)
Tail Light Dimensions	14.17 x 6.5 x 4.72 inches (360 x 165 x 120 mm)



Image 4.1: Product dimensions and detailed specifications.

5. Safety Information

Always observe the following safety precautions during installation and operation:

- Disconnect the golf cart's battery before beginning any electrical installation to prevent electrical shock or damage.
- Ensure all wiring connections are secure and properly insulated to avoid short circuits.

- Wear appropriate personal protective equipment (PPE) such as safety glasses and gloves during installation.
- Do not modify the components of the light kit. Use only original or approved replacement parts.
- Ensure the golf cart is parked on a level surface with the parking brake engaged before starting work.
- If you are unsure about any part of the installation process, consult a qualified technician.

6. Installation Guide

Follow these steps to install your VEVOR Golf Cart Light Kit:

1. **Prepare the Golf Cart:** Park the golf cart on a flat surface, engage the parking brake, and disconnect the main battery cables (negative first).
2. **Install Headlights:** Use the provided cutting template to mark and cut openings in the front cowl for the headlights. Secure the LED headlights using the included screws.
3. **Install Taillights:** Remove existing taillights (if any) or cut openings in the rear body for the LED taillights. Secure them with screws.
4. **Mount Combination Switch:** Choose a suitable location on the steering column or dashboard for the multi-functional combination switch. Secure it firmly.
5. **Mount Horn:** Install the horn in a secure location, typically under the front cowl, ensuring it is protected from direct impact.
6. **Install Brake Switch:** Attach the brake switch to the brake pedal mechanism according to the instructions, ensuring it activates when the brake pedal is pressed.
7. **Route Wiring Harness:** Carefully route the main wiring harness through the golf cart chassis, connecting the headlights, taillights, combination switch, horn, and brake switch. Use the provided zip ties and wire clips to secure the harness and prevent chafing or interference with moving parts. Refer to the wiring diagram below for correct connections.
8. **Connect to Power:** Connect the main power wires of the harness to the golf cart's 12V battery, ensuring correct polarity (red to positive, black to negative).
9. **Test System:** Reconnect the golf cart battery. Test all functions: headlights (high/low beam if applicable), taillights, brake lights, turn signals (left/right), hazard lights, and horn.
10. **Final Check:** Ensure all components are securely mounted and all wires are properly routed and secured.



Image 6.1: Wiring diagram for the light kit components.

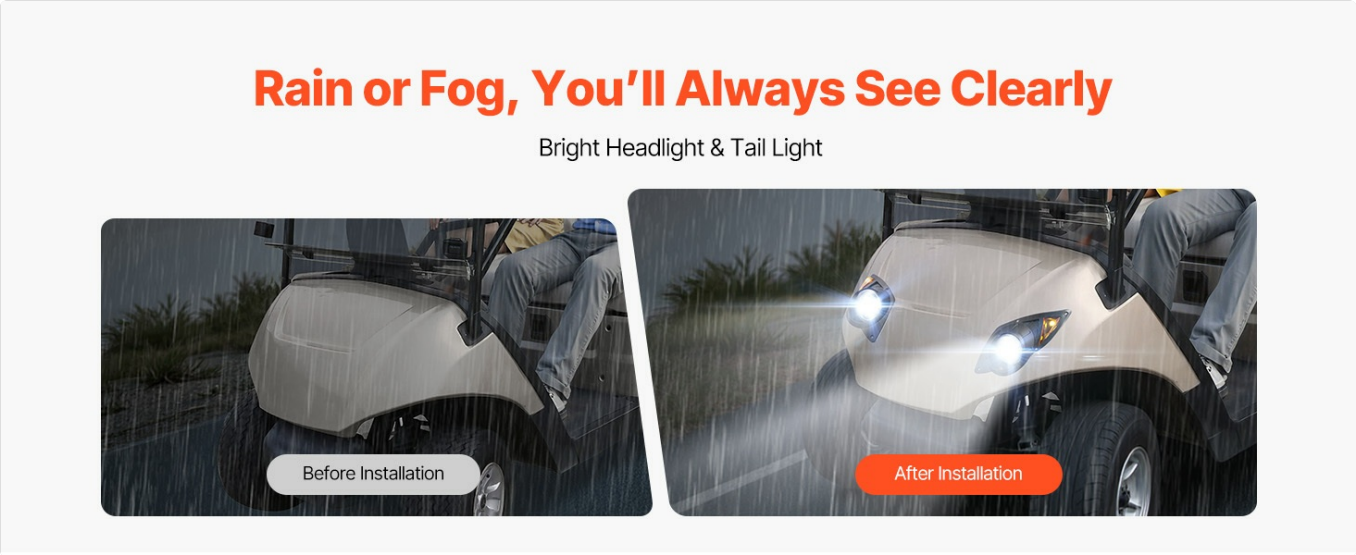

Image 6.2: Visual comparison of golf cart lighting before and after installation.

7. Operating Instructions

The multi-functional combination switch controls the primary lighting and signaling features of your golf cart:

- **Headlights:** Push the lever forward or pull it backward to toggle the headlights ON/OFF.
- **Turn Signals:** Push the lever up for a right turn signal and down for a left turn signal. The signal will flash until manually canceled or the steering wheel returns to center.
- **Hazard Lights:** Activate the separate hazard light switch to engage all four turn signals simultaneously for emergency situations.
- **Horn:** Press the button on the end of the lever to activate the horn.
- **Brake Lights:** The taillights will illuminate brighter when the brake pedal is pressed, indicating braking to vehicles behind.



Image 7.1: Multi-functional combination switch controls.



Image 7.2: Versatile turn signal operation for various driving situations.

8. Maintenance

Regular maintenance ensures the longevity and optimal performance of your light kit:

- **Cleaning:** Periodically clean the headlight and taillight lenses with a soft, damp cloth to remove dirt and debris. Avoid abrasive cleaners that could scratch the lens.
- **Wiring Inspection:** Annually inspect all wiring connections for signs of wear, corrosion, or looseness. Tighten any loose connections and replace damaged wires.
- **Bulb Replacement:** The LED bulbs are designed for long life and typically do not require replacement. If a light fails, inspect the wiring and connections first. If the LED unit itself is faulty, contact customer support for assistance.
- **Switch Functionality:** Ensure the combination switch and hazard switch operate smoothly and return to their neutral positions.

9. Troubleshooting

Refer to the table below for common issues and their solutions:

Problem	Possible Cause	Solution
Lights do not turn ON	Loose wiring connection Blown fuse Faulty switch Low battery voltage	Check all wiring connections and secure them. Inspect the fuse in the wiring harness and replace if blown. Test the switch for continuity. Replace if faulty. Check golf cart battery voltage; recharge if necessary.
Turn signals not working	Loose wiring to turn signal Faulty flasher relay (if applicable) Faulty combination switch	Verify connections to turn signal lights and switch. Check or replace the flasher relay. Test and replace the combination switch if needed.
Horn does not sound	Loose horn connection Faulty horn unit Faulty switch	Check horn wiring and ground connection. Test horn directly with 12V power. Replace if silent. Test the horn button on the combination switch.

Brake lights not illuminating	Loose brake switch connection Faulty brake switch Wiring issue to taillights	Check wiring to the brake switch and taillights. Test the brake switch for proper activation. Replace if faulty. Inspect taillight wiring for damage.

10. Warranty and Support

VEVOR products are designed for durability and performance. For warranty information, technical support, or to purchase replacement parts, please visit the official VEVOR website or contact VEVOR customer service directly. Please have your product model number (LQLK-3001LD) and purchase date available when contacting support.

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