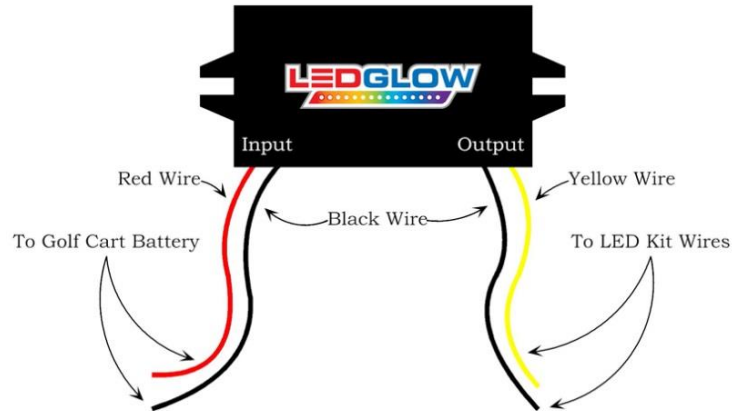


## Golf Cart Voltage Reducer Installation Instructions

**⚠WARNING:** This Golf Cart Voltage Reducer is recommended to be installed by a licensed professional. The improper installation of this Golf Cart Voltage Reducer will void all included warranties.

**PLEASE READ THE FOLLOWING INSTRUCTIONS BEFORE INSTALLING THIS GOLF CART VOLTAGE REDUCER.**

This Golf Cart Voltage Reducer is designed to easily connect to any power source with a voltage between 15 and 60 volts and step down to 12 volts for a safe, working voltage for any LED lighting accessory with up to 5 amps of current draw.

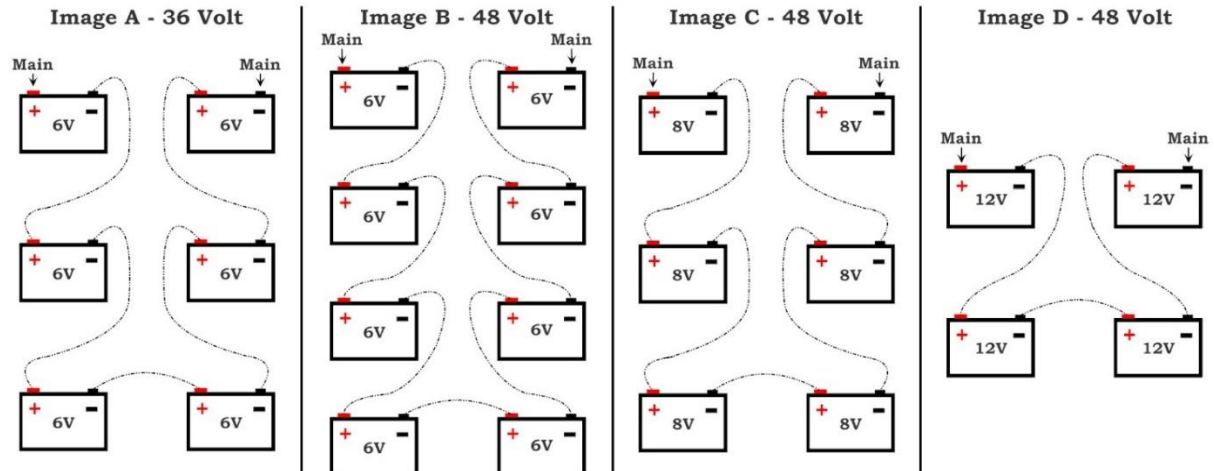


### Golf Cart Voltage Reducer Installation:

1. Switch your golf cart to TOW mode (if available) and turn the key switch to off, so the golf cart is powered down.
2. To determine which batteries to connect the voltage reducer to, test the voltage of the connections with a multimeter. Electric golf cart requires a lot of current, several batteries are wired in series to achieve the power and capacity needed. Connecting to the main power source will allow an even draw across all batteries.

**⚠CAUTION:** It is extremely important to test the voltage of this connection prior to installing the Golf Cart Battery Voltage Reducer as this voltage reducer requires 15-60 volt to operate.

- A 36 volt golf cart will typically have (6) 6 volt batteries. **(Image A)**
- A 48 volt golf cart could be wired in several different configurations, such as:
  - (8) 6 volt batteries. **(Image B)**
  - (6) 8 volt batteries. **(Image C)**
  - (4) 12 volt batteries. **(Image D)**





---

## INSTALLATION GUIDE

---

*Tech Support 856-768-5700 Ext. 2 • TechSupport@LEDGlow.com*

3. Disconnect the negative terminal of the golf cart's battery.
4. Find a suitable, flat metal surface to mount the Golf Cart Voltage Reducer to with screws and double-sided tape, away from any heat or moving parts. This Voltage Reducer may reach high temperatures, so it is important that this is not installed to any plastic parts of the golf cart.

**Note:** Please refer to diagram on page 1 for steps 5-8.

5. Connect the Red Wire from the Input of the Reducer to the positive terminal of the main battery on the golf cart using an eyelet, spade or similar connector.
6. Connect the Black Wire from the Input of the Reducer to the negative terminal of the main battery on the golf cart using an eyelet, spade or similar connector.
7. Reconnect the negative terminal of the golf cart's battery, and test the output voltage of the reducer using a multimeter to ensure it's 12 volt.
8. Disconnect the negative terminal of the golf cart's battery.
9. Connect the Yellow Wire from the Output of the Reducer to the power wire of the lighting kit that you are installing to the golf cart using a crimp on butt connector or similar connector. If possible, soldering the wires is recommended to ensure a secure connection.
10. Connect the Black Wire from the Output of the Reducer to the ground wire of the lighting kit that you are installing to the golf cart using a crimp on butt connector or similar connector. If possible, soldering the wires is recommended to ensure a secure connection.
11. Reconnect the negative terminal of the golf cart's battery and switch your cart back to RUN mode (if available).
12. Power on and test the LED lighting kit to ensure it is functioning properly.

All LEDGlow Lighting Products are subject to the LEDGlow Limited Warranty.  
Please visit <https://www.LEDunderbody.com/limited-warranty/> to review complete Warranty, Terms, and Conditions