

ELE UNV VLRD UNIVERSAL VOLTAGE REDUCER

Wiring & Installation Instructions

INSTALLATION

NOTE: 36 Volt vehicles do NOT require a voltage reducer.
Voltage reducers are used on carts equipped with 8
volt batteries only

1. Mount voltage reducer on driver side frame, if installing on a Club Car. There are two pre-drilled holes in the frame I Beam, intended for this purpose. If installing on any other brand of cart, you will need to drill two 1/4 inch holes for mounting, in the location of your choice. It is always best to mount this unit tight against a flat solid metallic frame component or frame tab. You will most likely need to discard 2 of the 4 nuts and lock washers supplied. This frame component or tab will act as a heatsink, drawing heat away from the voltage reducer.

NOTE: Don't forget to install the white thermal-grease included with this kit, between frame and reducer.

2. Connect the single lead from the voltage reducer (with the eye terminal connector), to the battery negative terminal shown in figure A, B or C.
3. Using one of the Butt Connectors supplied, connect both of the two negative output leads from the voltage reducer, to the negative lead to your 12 volt accessories.

NOTE: If you do not have a crimping tool used with automotive connectors, the house hold type wire nuts supplied in this kit can be used as an alternative.

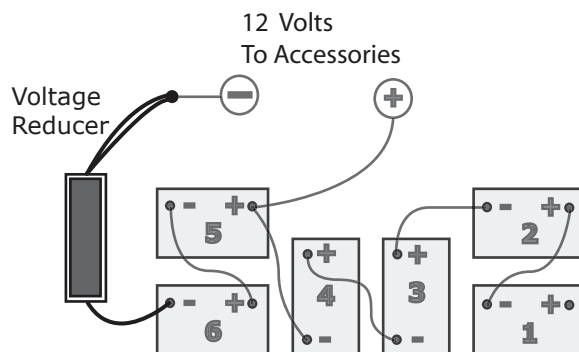
NOTE: The combined load of all accessories connected to this voltage reducer must not exceed its maximum rating of 12 volts / 15 amps. It is necessary to use both 12 volt negative output connections. Be sure to adequately wrap any exposed connections with electrical tape or other suitable insulation material to prevent the possibility of shorting.

CAUTION !
NEVER USE THE FRAME FOR "GROUND"
ON ELECTRIC CARTS!

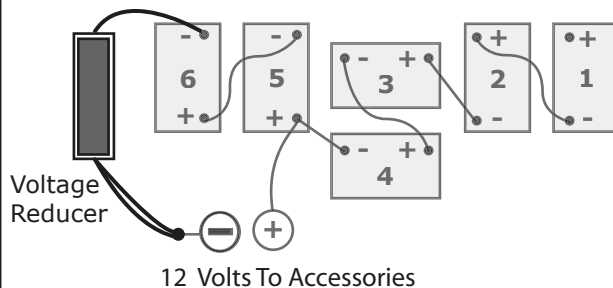
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↑ **Front of Cart** ↑
For All Figures

**(Fig. A) Club Car DS Model
48 Volt Battery Pack**



**(Fig. B) Yamaha G19 Model
48 Volt Battery Pack**



**(Fig. C) Yamaha G22 Model
48 Volt Battery Pack**

