

## REGULATOR/RECTIFIER WIRING GUIDE

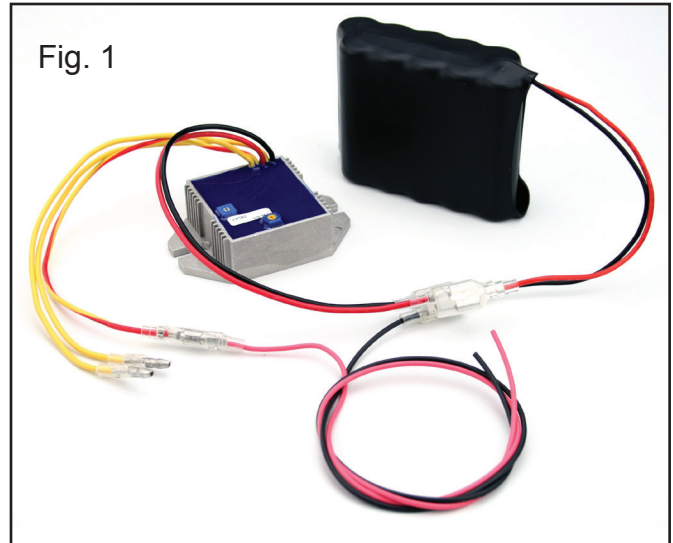
### REG/REC WIRING USING RELAY CIRCUIT:

#### Installation Overview:

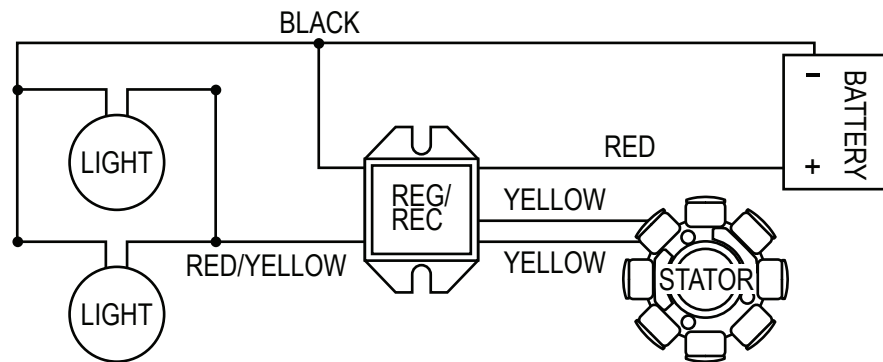
- This installation method allows for switched DC power to be delivered to any lighting accessory.
- Switched DC power can be used to eliminate the use of an independent lighting switch, or to simply switch your lights on/off with the operation of the motor.
- Optionally adjust your relay to remain active from 2-30 seconds after the motor shuts off.

#### Wiring Guide:

- 2 Yellow Wires: Lighting leads. Connect to lighting leads from stator. Trail Tech stators have yellow lighting leads.
- Red Wire: Connect to positive (+) battery terminal.
- Red/Yellow Wire: Connect to positive (+) wires of all lighting accessories.
- Black Wire: Connect to negative (-) battery terminal, and to ground (-) wires of all accessories on the lighting circuit. Do not connect to frame ground.



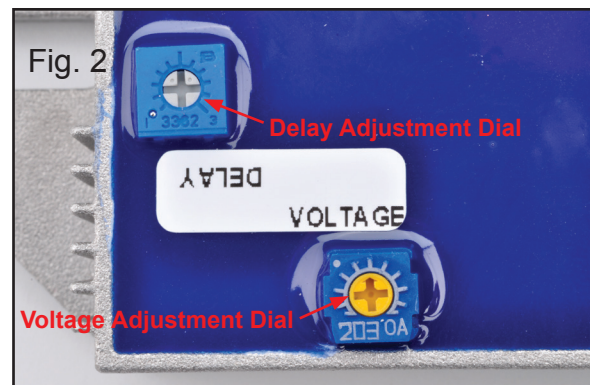
RELAY WIRING EXAMPLE



### ADJUSTING REG/REC RELAY TIMER:

1. Remove blue paint from adjustment dial marked "Delay" (Fig. 2.)
2. Use a #1 Phillips, adjust "Delay" dial clockwise to decrease the amount of time the relay is active. Alternatively, adjust the "Delay" dial counter clockwise to increase the amount of time the relay is active.
3. Seal off adjustment dial by applying paint or a small amount of silicone over adjustment dial.

**Note: The adjustment dials are easy to strip, use caution when adjusting this dial. Failure to adjust your dial with care can cause damage to your Reg/Rec.**



REG/REC ADJUSTMENT DIALS

## REGULATOR/RECTIFIER WIRING GUIDE

### ADJUSTING REG/REC VOLTAGE DIAL:

1. Remove blue paint from adjustment dial marked "Voltage" (Fig. 2.)
2. Use a #1 Phillips, adjust "Voltage" dial clockwise to increase the charging voltage. Alternatively, adjust the "Voltage" dial counter clockwise to decrease the charging voltage. Note: The "Voltage" dial is preset for a standard 12VDC charging system. Adjusting the output voltage can affect the condition of your battery. Adjust the DC output voltage with caution! (Trail Tech is not liable for any damage caused by adjustments made to the DC output voltage!)
3. Seal off adjustment dial by applying paint or a small amount of silicone over adjustment dial.

Note: The adjustment dials are easy to strip, use caution when adjusting this dial. Failure to adjust your dial with care can cause damage to your Reg/Rec.

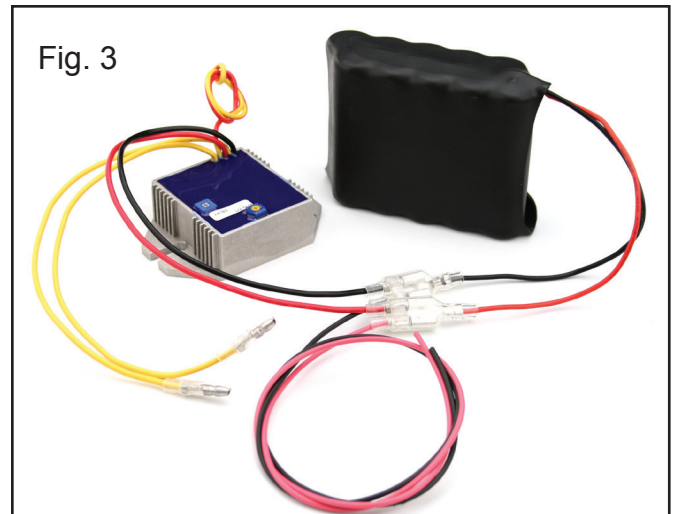
### REG/REC WIRING FOR STANDARD 12V CHARGING:

#### Installation Overview:

- This installation method is for a standard 12VDC charging system
- Standard 12VDC charging function will provide a charging circuit dedicated to the battery.
- This installation method often requires the use of independant switches when wiring after market lighting accessories.
- Ideal for custom 12VDC charging systems.

#### Wiring Guide:

- 2 Yellow Wires: Lighting leads. Connect to lighting leads from stator. Trail Tech stators have yellow lighting leads.
- Red Wire: Connect to positive (+) battery terminal. Connect to positive (+) wires of all lighting accessories.
- Red/Yellow Wire: Not used in this installation.
- Black Wire: Connect to negative (-) battery terminal, and to ground (-) wires of all accessories on the lighting circuit. Do not connect to frame ground.



STANDARD 12VDC CHARGING SYSTEM EXAMPLE

