REGULATOR/RECTIFIER
WIRING GUIDE

WIRING FOR SMALL BATTERIES UNDER 4 Ah:

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, and to positive(+) wires of all accessories on the lighting circuit.

Blue Wire: Connect to negative(-) battery terminal. The blue wire functions as a charge limiter. It will protect the battery from charging too quickly when there is no load.

Black Wire: Connect to ground(-) wires of all accessories on the lighting circuit. Do not connect to frame ground.

TRAIL TECH CRIMP KIT:

Use a Trail Tech crimp kit for professional connections like those in the photographs above. HT230C
WIRING FOR LARGE BATTERIES OVER 4 Ah:

- **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, and to positive(+) wires of all accessories on the lighting circuit.
- **Blue Wire**: Not used.
- **Black Wire**: Connect to negative(-) battery terminal, and to ground(-) wires of all accessories on the lighting circuit. Do not connect to frame ground.

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**REGULATOR/RECTIFIER WIRING GUIDE**

Battery with rating of more than 4 Ah:

1. Connect 2 yellow wires to lighting leads.
2. Connect red wire to positive(+) battery terminal and positive(+) wires of all accessories on the lighting circuit.
3. Connect blue wire if applicable.
4. Connect black wire to negative(-) battery terminal and ground(-) wires of all accessories on the lighting circuit.
5. Do not connect to frame ground.

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**Technical Support**

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