4000U Instructions

1. Connect heavy red wire to battery +
2. Connect terminal marked GND to chassis Ground or direct to Battery negative terminal.
3. Set the selector switches to desired activation polarity (mechanical relay positions only) **Solid State relays are Ground activation only.**
4. Connect activation wires from your switches or ECU to the green terminal block. Each position on the terminal is numbered to the corresponding relay.
5. Connect output terminals of each relay to your accessory. Attach your wire to the metal terminals using the included fork terminals.
6. The terminals marked BAT1 and BAT2 are always hot fused power take offs. Use these terminals to supply power to anything needing a constant power source.
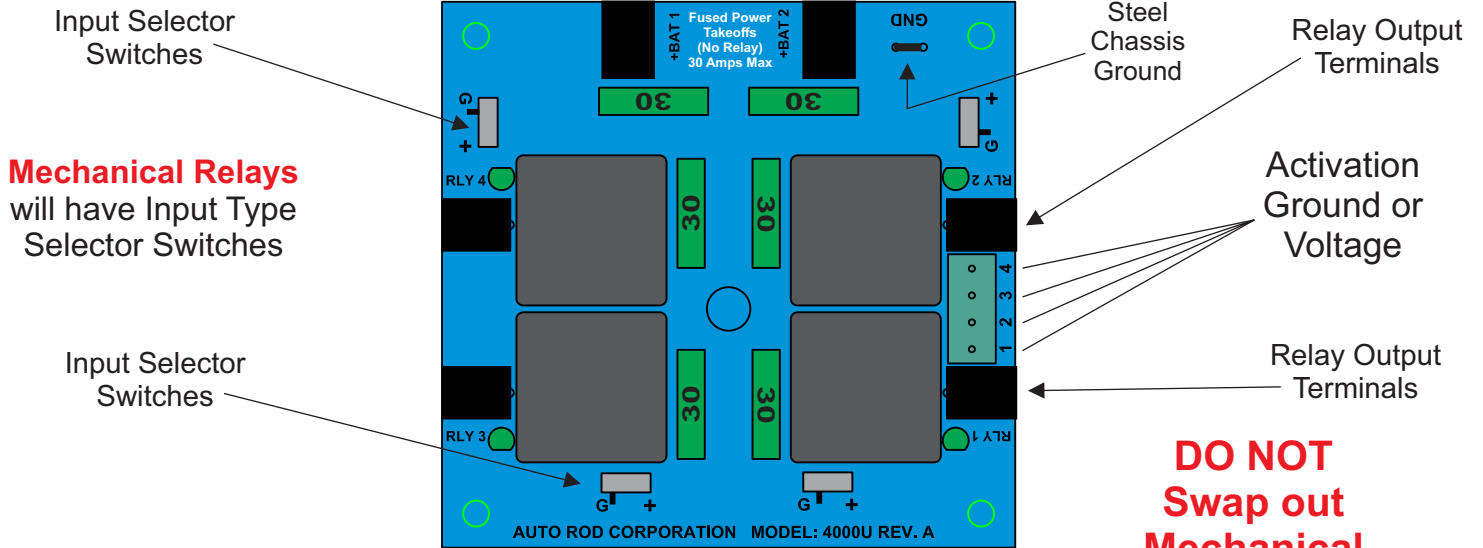7. Apply included white labels to relays

Notes:

The solid state relays are Ground activation only. Do not swap a solid state relay into a mechanical relay socket. The board can only use solid state relays in positions that were originally configured for them from the factory.
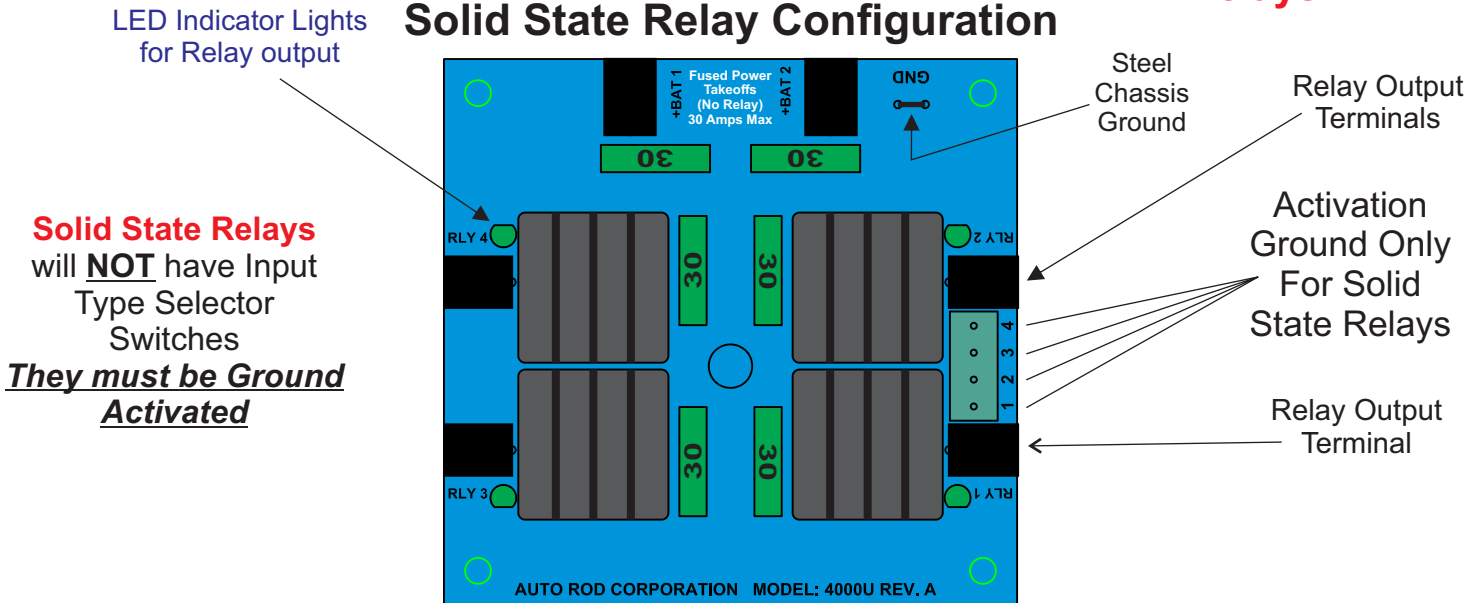
ARC-4000U
Relay Controller

Mechanical Relay Configuration

Input Selector Switches

Mechanical Relays will have Input Type Selector Switches

Input Selector Switches

Steel Chassis Ground

Relay Output Terminals

Activation Ground or Voltage

Relay Output Terminals

DO NOT Swap out Mechanical Relays with Solid State Relays

+BAT 1 Fused Power Takeoffs (No Relay) 30 Amps Max +BAT 2 GND

30 30

30 30 30 30

RLY 4 RLY 2

RLY 3 RLY 1

4 3 2 1

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Solid State Relay Configuration

LED Indicator Lights for Relay output

Solid State Relays will **NOT** have Input Type Selector Switches *They must be Ground Activated*

Steel Chassis Ground

Relay Output Terminals

Activation Ground Only For Solid State Relays

Relay Output Terminal

+BAT 1 Fused Power Takeoffs (No Relay) 30 Amps Max +BAT 2 GND

30 30

30 30 30 30

RLY 4 RLY 2

RLY 3 RLY 1

4 3 2 1

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Solid State Relay use has to be configured at time of purchase SS Relays can only be used where they are assigned at ARC.