This page describes how to convert from a NEXT Step to a ZM4

These two photos show the connection between the Next Step and ZM4

Note- Next Step run "P" switching where as the ZM4 runs "N" switching, this means your alternator will require the opposite brush connecting to allow the conversion
Next Step 2 Alternator Regulator

NOTE:
Wires are #18 AWG unless marked.
Fuses are fast blow.
Use a twisted pair of wires for temp. sensor
TB2 signals require optional features.
Fuses and fuse holders not supplied.

NS2 Regulator

TB1
1 2 3 4 5 6 7 8

TB2
1 2 3 4 5 6 7 8

Battery voltage from ignition
or Oil Pressure Switch.

#14 AWG

Remote Error LED with internal resistor, (not supplied).

Optional wiring — see manual
Required for two alternator system

Parallel Solenoid

#2 AWG

Temperature Sensor

#0 AWG

Starter Battery Bank

Negative
Distribution Post

House Battery Bank

Optional Relay

Relay Coil

Alternator

Grid

BAT

Wiring Diagram for Next Step 2 Regulator
TB1 Signal Names and Functions

- Pin 1, to ZM4 BATT terminal
- Pin 2, to ZM4 FIELD terminal
- Pin 3, to ZM4 NEG terminal
- Pin 5, to ZM4 IGN terminal