Notes:
The diodes are a MUST HAVE, this prevents the one ignition switch back feeding to the other engine circuit (Diode IN5408, or any 3 amp rated)
The relays are required if you intend running one engine for extended times i.e. more than 15-20 minutes, as the FIELD on the non-operative alternator will draw current
Pin 86 of the relay must be connected to the upper side of the diode shown in the drawing
Other wires omitted for clarity of this drawing

NOTE: THIS CONFIGURATION DOES NOT ALLOW ANY REDUNDANCY IN THE EVENT OF A ZM4 FAILURE