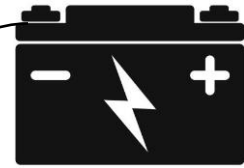


External Voltage Regulator Wiring

DO NOT GROUND FIELD TERMINAL OTHERWISE IT WILL DAMAGE THE REGULATOR.

Connect to negative terminal on battery (16AWG / 1.5mm² Wire)

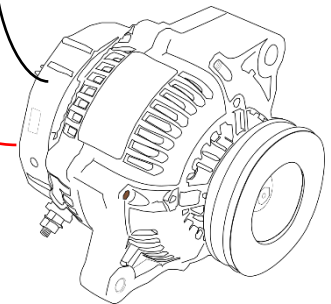


Connect to negative alternator terminal (16AWG / 1.5mm² Wire)

Connect to relay from positive terminal (16AWG / 1.5mm² Wire)

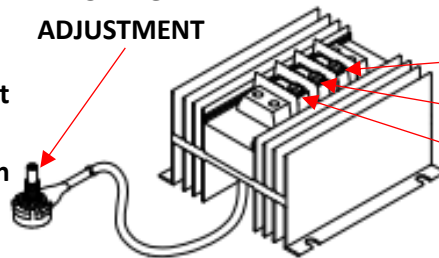


Connect to positive alternator terminal (16AWG / 1.5mm² Wire)



The **RED** wire is the regulator voltage "Sense" wire from the battery and must be 16AWG / 1.5mm² Wire and have no more 0.2 volts less at the regulator than the battery

VOLTAGE ADJUSTMENT



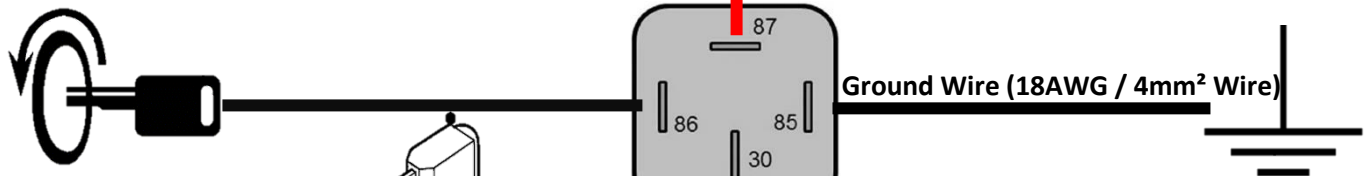
FIELD

NEGATIVE

POSITIVE

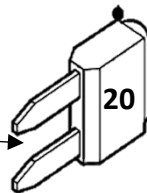
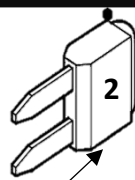
Ignition Key Switched: From positive switched voltage that is ON when the key is in the RUN position (18AWG / 4mm² Wire)

Regulator field power and battery voltage sense: To positive POS terminal screw on regulator (16AWG / 1.5mm² Wire)

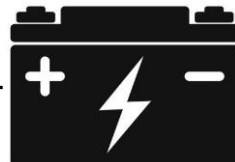


Ground Wire (18AWG / 4mm² Wire)

2 & 20 amp fuse within 6" of battery



Constant battery: Directly from positive terminal on battery the regulated alternator is charging (16AWG / 1.5mm² Wire)



Relay needs to be 40 amps

