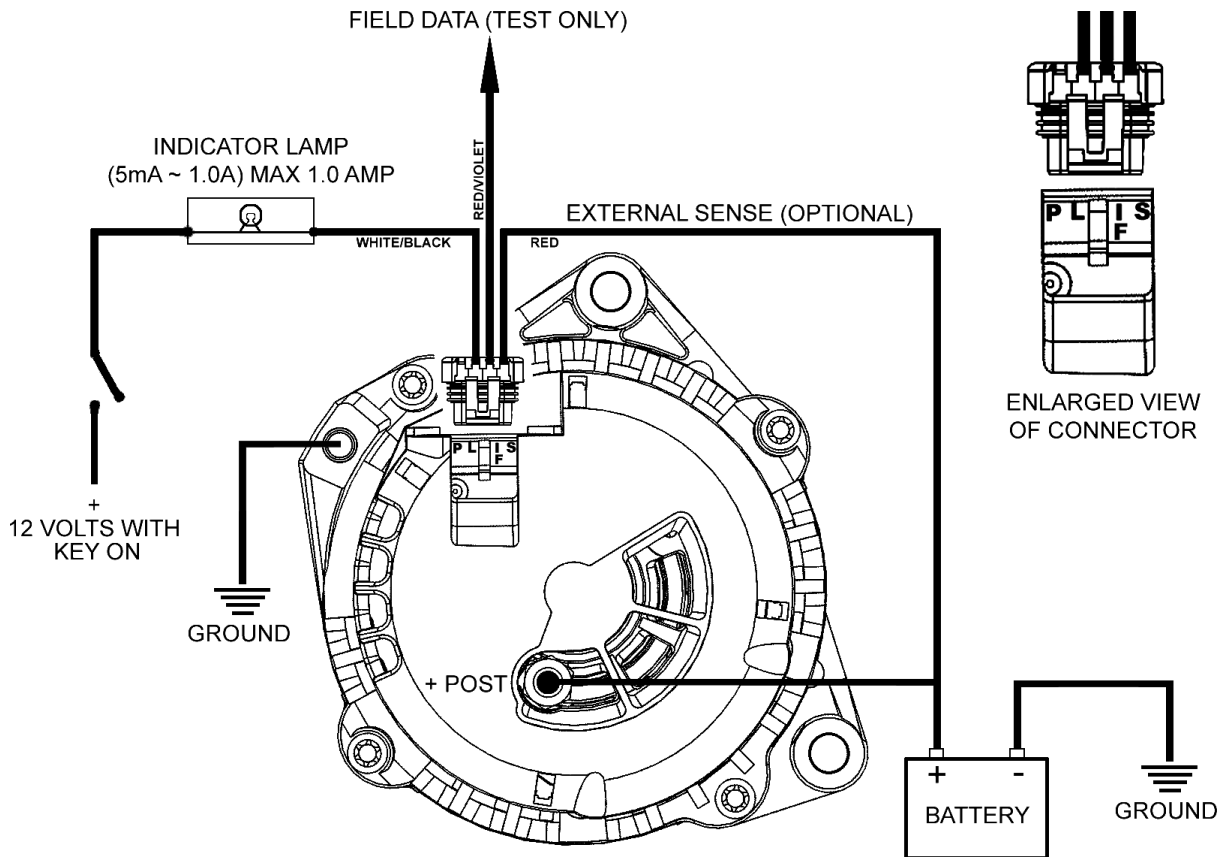


7143251 4 Pin Alternator

This TSB provides the electrical connection information for the 7143251 alternator using the 7244460 electrical connector with various IMPCO non certified engine systems.



L Terminal:

The "L" terminal is used for the charge indicator lamp circuit. The charge indicator lamp can be an incandescent bulb lamp or LED type (light emitting diode). The charge indicator lamp used must have a minimum current rating of 5 mA and a maximum of 1.0 A current draw.

I/F Terminal:

The "I/F" terminal is the external field monitor and is normally only used for alternator diagnostic test purposes.

S Terminal:

The "S" terminal is the external voltage sense circuit. The external voltage sense can be used to more accurately control system voltage by monitoring battery voltage at a junction or fuse box connection. This connection is optional and is not required for normal alternator charge operation.

P Terminal:

The "P" is not used with the connector 7244460 and no wire lead is connected to the "P" terminal.