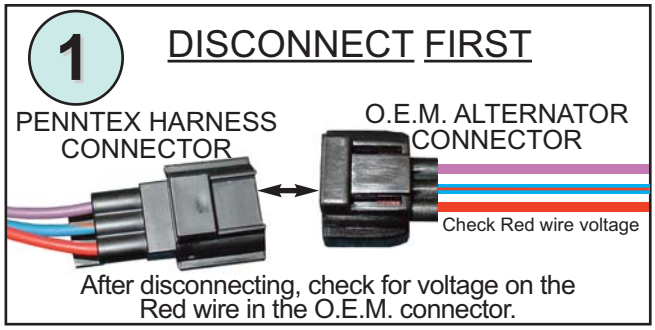
PX-7000 VOLTAGE REGULATOR FULL-FIELD TEST

This test will tell you if the alternator will charge with the regulator bypassed.
NOTE: A PX-4000, PX-5000, OR PX-6000 REGULATOR USES A DIFFERENT TEST

1) Disconnect the PennTex 3-Wire connector from the original alternator connector. **DO NOT** OMIT THAT STEP!
2) Turn off all accessories.
3) Check the Red wire voltage at the O.E.M. Connector. The voltage on the Red wire is_____ volts.
4) Disconnect the PennTex Regulator Connector (see below).
5) Using an insulated 16 to 18 gauge wire with insulation removed as shown below, jumper the Large Red wire terminal and the solid Blue wire terminals together. This may cause a spark.
6) Connect a digital voltmeter as shown below.
7) Start the vehicle and run at idle. The voltmeter reading is_____ volts.
8) Raise the engine RPM to 1000 RPM.The reading on the voltmeter is now _____ volts.
9) Shut the engine off. Remove the jumper wire. Do not run the engine in full-field mode more than 30 seconds. Damage to the vehicle electrical system could result.
10) Plug the PennTex 3-wire connector back into the O.E.M. alternator connector (see illustration # 1).



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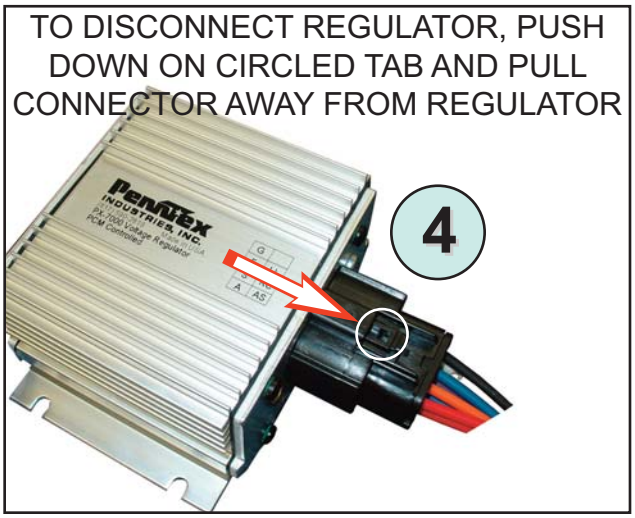

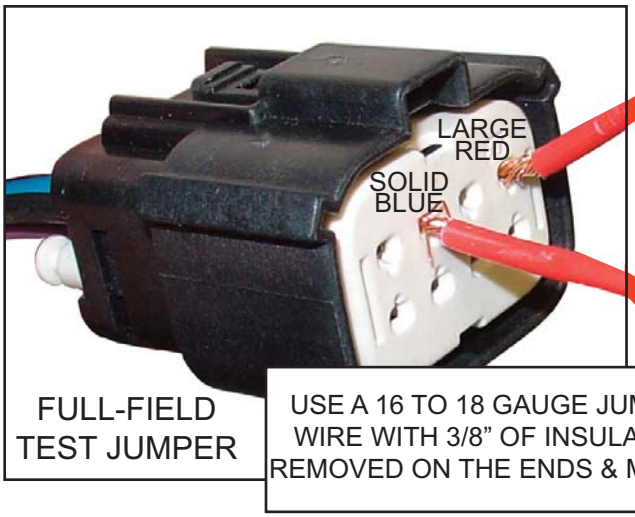

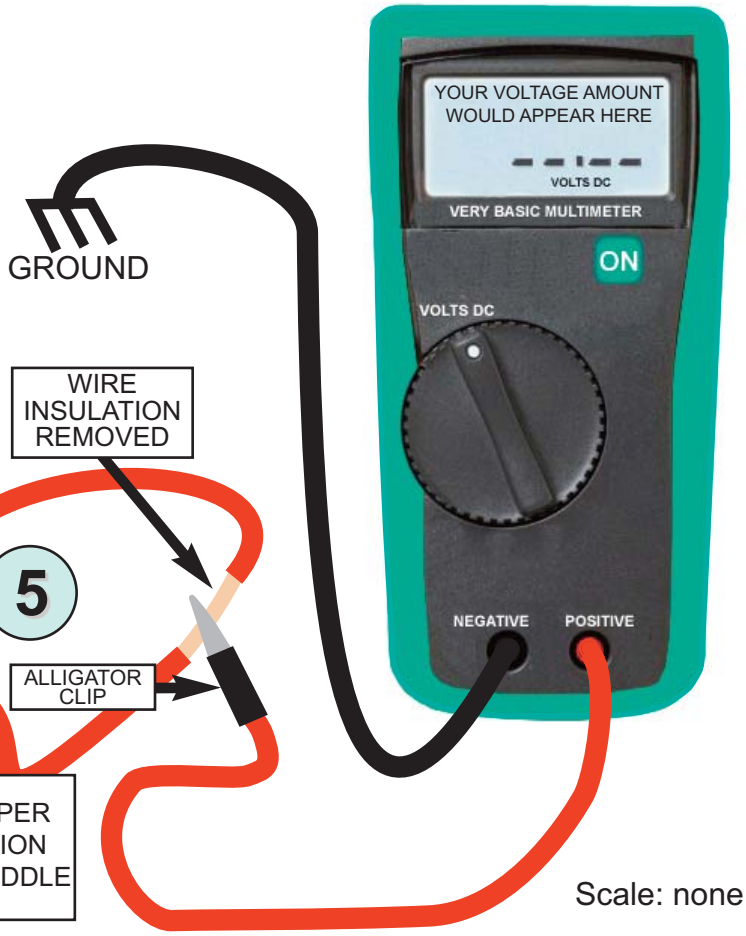

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