

# Penntex Alternator Full Field Test

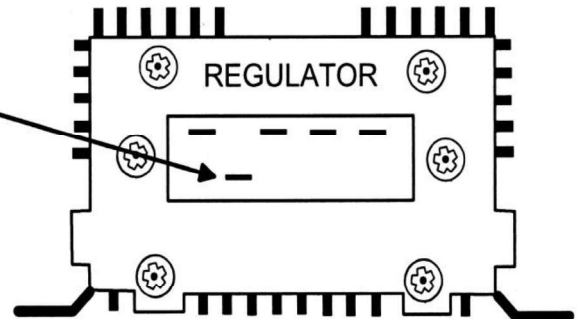
For PX-4000, PX-5000, and PX-6000 Regulators

A full-field test will determine if an alternator will charge with the regulator bypassed. The alternator must be installed and positive and negative cables connected.

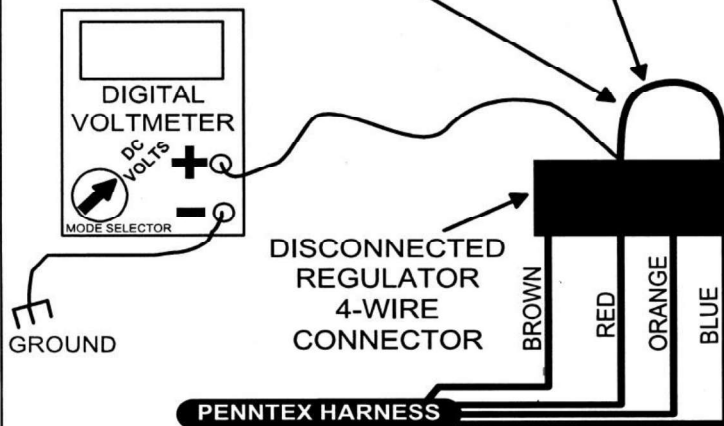


A PX-7000 REGULATOR USES A DIFFERENT TEST

THIS IS A GROUND TERMINAL. DO NOT CONNECT POWER TO THIS TERMINAL OR THE REGULATOR WILL BE PERMANENTLY DAMAGED.



YOU MAY SEE A SPARK WHEN CONNECTING THE JUMPER



FULL-FIELD TEST PROCEDURE:

- 1) TURN OFF ALL ACCESSORIES
- 2) LOCATE THE VOLTAGE REGULATOR
- 3) **DISCONNECT THE 4-WIRE CONNECTOR**
- 4) JUMP BLUE AND RED WIRES
- 5) START VEHICLE; RUN AT IDLE
- 6) AFTER IT RUNS FOR 15 SECONDS, CHECK VOLTAGE AT RED WIRE
- 7) THAT VOLTAGE IS: \_\_\_\_\_
- 8) RAISE ENGINE RPM TO 1000 RPM
- 9) CHECK VOLTAGE AT RED WIRE
- 9) THAT VOLTAGE IS NOW: \_\_\_\_\_
- 10) SHUT ENGINE OFF
- 11) REMOVE JUMPER WIRE

NOTE: DO NOT LET ENGINE RUN MORE THAN 30 SECONDS IN FULL-FIELD MODE. DAMAGE TO THE VEHICLE ELECTRICAL SYSTEM COULD RESULT.

After completing this test feel free to call us (800) 678-7395 to discuss the results.



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