

**CHARGING SYSTEM TEST FOR VEHICLES WITH A PX-4000, PX-5000, OR PX-6000 REGULATOR**

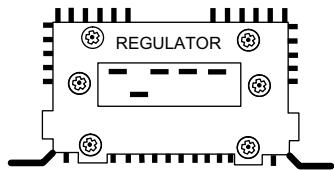


Technical Support Toll Free 1-877-590-7366  
 Technical Support Fax 1-817-590-0398  
 Parts are available from our Distributors  
 See listings on [www.penntexusa.com](http://www.penntexusa.com)

Contact Name \_\_\_\_\_  
 Phone \_\_\_\_\_ Ext. \_\_\_\_\_  
 Fax \_\_\_\_\_  
 Testers Name \_\_\_\_\_  
 Alternator Model # \_\_\_\_\_  
 Alternator Serial # \_\_\_\_\_  
 Regulator Model # \_\_\_\_\_  
 Regulator Serial # \_\_\_\_\_  
 Vehicle Mileage \_\_\_\_\_  
 Vehicle Year \_\_\_\_\_ Make \_\_\_\_\_ Engine \_\_\_\_\_  
 Vehicle In-Service Date: \_\_\_\_\_

Describe your charging system problem:

IF YOUR PENNTEX REGULATOR HAS DIFFERENT CONNECTIONS THAN THIS, USE TESTS FOR A PX-7000 REGULATOR.



Locate the external voltage regulator, make sure that everything is properly connected and that the regulator has a good ground. Complete the following chart using a digital voltmeter.

<u>Regulator Terminals</u> ↓	<u>Test # 1</u> Ignition Off Engine Off	<u>Test #2</u> Ignition On Engine Off	<u>Test # 3</u> Ignition On Engine On	<u>Test #4</u> Engine On High Idle
Field Terminal (Blue Wire) "F"	_____volts	_____volts	_____volts	_____volts
Stator Terminal (Orange Wire) "S"	_____volts	_____volts	_____volts	_____volts
Sense Terminal (Red Wire) "A"	_____volts	_____volts	_____volts	_____volts
Ignition Terminal (Brown Wire)	_____volts	_____volts	_____volts	_____volts
Battery Terminal	_____volts	_____volts	_____volts	_____volts

TEST WITH EVERYTHING PLUGGED IN

Ground Terminal:  
\_\_\_\_\_ohms

# of Batteries:  
\_\_\_\_\_

Engine Idle :  
\_\_\_\_\_rpm

Engine High Idle:  
\_\_\_\_\_rpm

**DID YOU DO A FULL-FIELD TEST? FOR A 2ND OPINION FAX THE TESTS TO 817-590-0398 WHEN COMPLETED.**

Note any charging system connections that look overheated or discolored: