

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

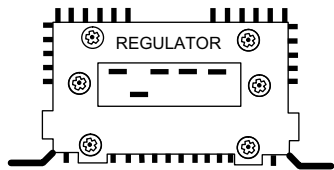


Technical Support Toll Free 1-877-590-7366
 Technical Support Fax 1-817-590-0398
 Parts are available from our Distributors
 See listings on www.penntexusa.com

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: