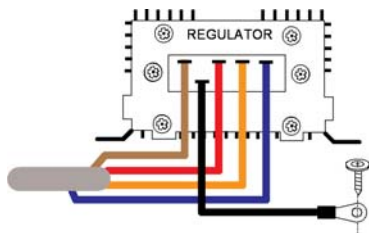


PENNTEx VOLTAGE REGULATORS - 14 VOLT

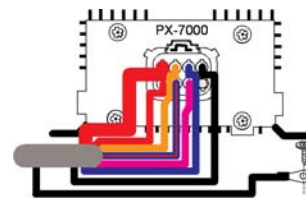


L to R: PX-4000, PX-5000, PX-6000, & PX-7000 PennTex Voltage Regulators



PX-4000, PX-5000, & PX-6000 regulator connections

wire gauge is not to scale



PX-7000 regulator connections

- ✳ All PennTex Voltage Regulators have ground fault and high voltage protection.
- ✳ The PX-5000 is a heavy duty patented design that produces higher output ratings & it runs cooler than current industry standards.
- ✳ The PX-6000 is designed for use in certain GM vehicles manufactured after 2003. Check with PennTex Sales for compatibility.
- ✳ The PX-7000 is part of a plug-and-play charging system for certain 2009-up Fords that interfaces with the main vehicle computer/PCM.

The PX-4000 is a direct replacement for the superseded PX-1000, PX-2000, and PX-3000 voltage regulators. The PX-5000 can be substituted for a PX-4000 and vice versa if nothing else is available, but direct replacement is recommended. The PX-6000 is for specific applications as is the PX-7000, and they should both be replaced by the same model regulator as the one you removed. The PX-7000 uses a different harness connector than previous models.

The regulator is located a maximum of 72 inches away from the alternator because that's how long the harness is. Trace the harness from the plug at the brush holder with one orange and one blue wire and follow the main harness to the firewall. There will be a white plastic pass-through tube at the firewall. Locate the harness on the inside of the vehicle and trace the harness to the regulator. All vehicles after 2001 use the PX-4000 or PX-5000 regulator. The PX-6000 was introduced in 2007 for some Chevrolet vehicles. The PX-7000 was introduced in 2008 for some Ford Vehicles. PennTex recommends that the regulator be mounted inside the vehicle for protection from heat and moisture.

Links: [Testing Information](#) [Application Guide](#) [Distributors](#) [Home](#) [Alternators](#) [FAQ](#)

PERFORMANCE, ENDURANCE AND SATISFACTION

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