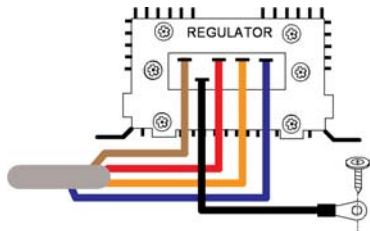


PENNTEx VOLTAGE REGULATORS - 12 VOLT

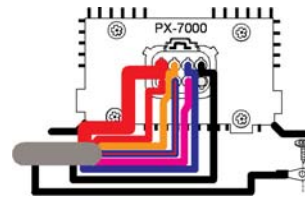


Left to Right: PX-4000, PX-5000, PX-6000, & PX-7000 PennTex Voltage Regulators



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 vehicle computer/ PCM.

The PX-4000 is a direct replacement for superseded PX-1000, PX-2000, and PX-3000 voltage regulators.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 and PX-7000 are for specific applications. To prevent problems, these two should be replaced by the same model regulator. The PX-7000 uses a different harness connector than all other previous PennTex regulators.

The regulator is located between 72 and 84 inches away from the alternator depending on overall harness length. We recommend that the regulator be mounted in the passenger compartment away from heat and moisture. Some bus manufacturers elect to mount the regulator in the engine compartment. This will work as long as the regulator is not exposed to excessive heat or water. To find the regulator, trace the harness from the plug at the brush holder with one Orange and one Blue wire. Follow the harness to the regulator. There will be a non-flexible tube for harness pass-through at the firewall, if located inside. 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 PCM-controlled vehicles.

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PERFORMANCE, ENDURANCE AND SATISFACTION

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