



Get The PennTex Advantage!
 PERFORMANCE, ENDURANCE AND SATISFACTION

A "Fully Remanufactured" PennTex Alternator???

Were there ever any PennTex parts to begin with? Look at the differences:

"Non-PennTex"



The "Non-PennTex" parts are on the left and the Genuine PennTex parts are on the right. The fan being illustrated on the left is for a smaller framed alternator and has ten cooling fins. The larger 160 mm PennTex PX-2 & PX-5 series fan with fourteen cooling fins is on the right. A smaller fan with fewer fins does not pull enough air to properly cool a heavy-duty alternator.

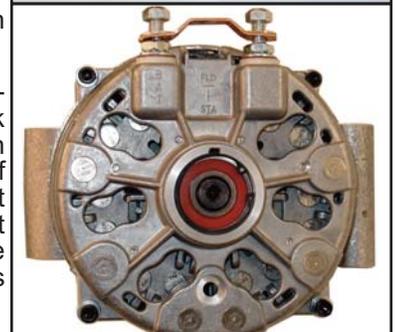
Genuine PennTex



Compare the Genuine die-cast Penntex PX-5 Series rear housing on the right to the cheap "Non-PennTex" sand cast style on the left. Their housing uses twelve older-style diodes with only six small air holes in the rear. When compared, the Genuine PennTex rear housing has airflow far superior to that of the restricted airflow of the "Non-PennTex" design. An alternator that cannot move enough air to keep itself cool will fail prematurely.

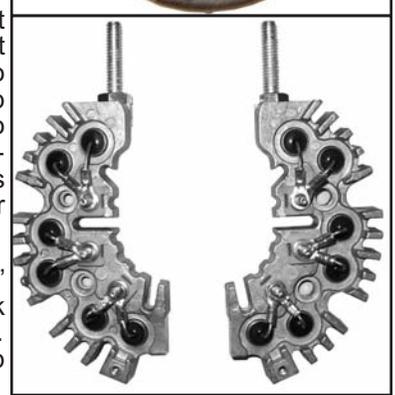


The horseshoe style flat positive heat sink that the "Non-PennTex" alternator uses is cheaper to build and quick to assemble. A heat sink like this has never been used in a Genuine PX-2 or PX-5 series alternator. The size of their heat sink actually causes airflow to be blocked as it enters through the six small holes in the rear. Die cast finned aluminum heat sinks like the ones found in Genuine PennTex PX-2 and PX-5 series alternators allow the diodes to cool more efficiently.



PennTex has not used the older PX-1066 style output post for almost ten years. As you can see in the inset photo on the left, the screw that attaches the post to the positive heat sink can loosen. The heat buildup from a loose connection can cause the bolt and post to weld together and the positive heat sink will be damaged. Also, please note that the old Top-hat style diodes with crimped-on braided wire leads in the heat sink are older designs that we have replaced with newer technology.

Don't be tricked by something being marketed as a "genuine" PennTex new or remanufactured alternator. Always check to see if the seller is a Genuine PennTex Distributor first. A list of PennTex Distributors can be found on our web site at www.penntexusa.com.



Please send your comments or questions to tech@penntexusa.com

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