



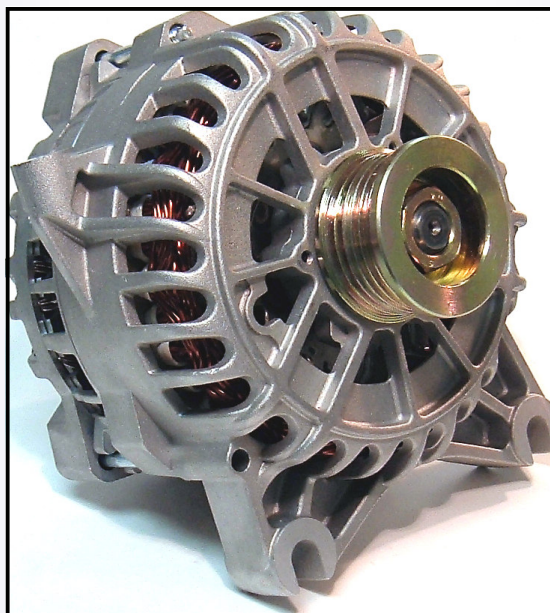
Replace your worn out Penntex®, Powerline® or Lestek® unit with the awesome power and reliability of the American Armature™ X Series.



Modernize and upgrade your fleet today!

X SERIES

American Armature™ is recognized as the premier manufacturer of high output alternators for both the bus and shuttle bus industry.



Why choose us?

We offer:

- More Power.
- Extremely reliable.
- Heavy-duty construction.
- Fast and easy installation.
- High heat resistant components.
- Better performance in high heat environments
- Higher output at idle.
- Output in excess of 230 amps.
- Consistent voltage at all rpm levels.

Retrofit any Penntex®, Powerline®, or Lestek® alternator with the power and reliability of the American Armature™ X Series.



www.americanarmature.com

3750 W. River Dr.
 Davenport, IA 52802
 Phone: 563-323-7994 ext. 107
 Fax: 563-323-8089
peter@americanarmature.com



X Series Overview

Brushes:
American Armature™ alternators utilize brushes that are designed with a carbon copper content, which will increase the life of the unit.

Dual Plane Balanced Rotor:
Increases bearing life and reduces noise due to vibration.

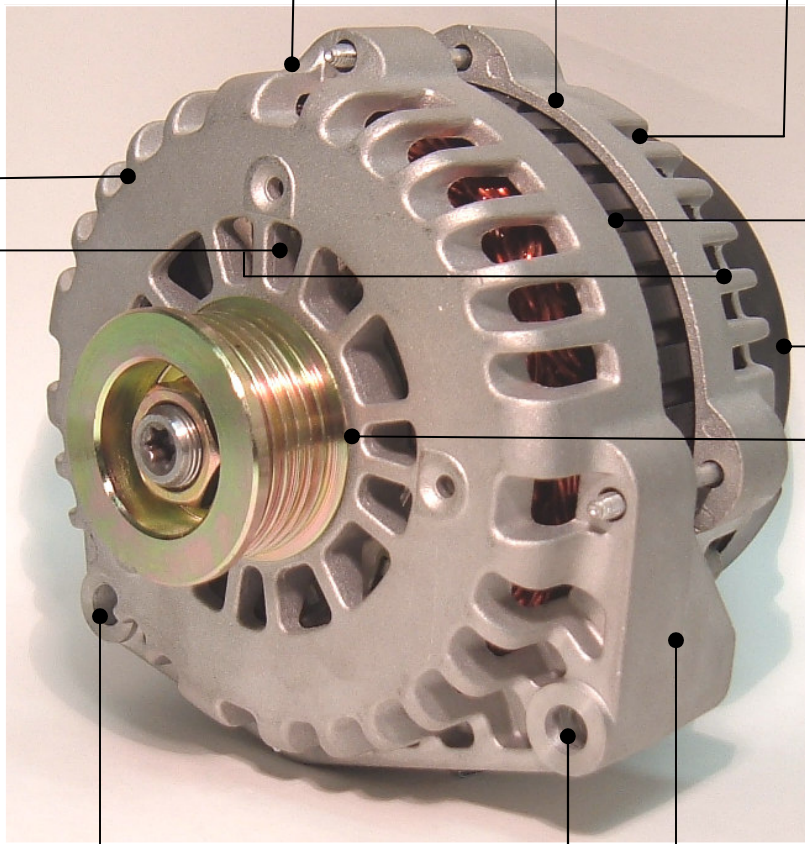
Diodes:
American Armature™ uses high-grade heavy-duty diodes for both long life and to reduce heat. Our diodes also help filter any radio noise associated with the alternator. High quality heat sinks are incorporated with the diodes for proper heat dissipation.

Regulators:
Will interface directly with the **Penntex©, Powerline©, or Lestek©** harness.

Stators:
Stators are machine wound for both consistency in manufacture and performance.

Cooling:
American Armature™ alternators incorporate dual internal fans for superior cooling, pulling air from both the front and back. Air will pass through the stator not over it. This innovative design enables the alternator to run much cooler allowing for better performance.

Front and rear bearings:
Our high-speed motor grade bearings utilize high temperature lubricants to increase life and reduce friction.



Installation
Easily replaces a previously mounted **Penntex©, Powerline©, or Lestek©** unit. Designed to install on OE mounts and work with the **Penntex©, Powerline©, or Lestek©** harness.

Manufacturing:
All alternators are manufactured with new parts. Alternators are not remanufactured in any way.



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