

PennTex INDUSTRIES, INC. **PX-833** 28 Volts 330 Amps



AIR-COOLED 50DN REPLACEMENTS & **PX-8 BCK** OIL-TO-AIR CONVERSION KITS

- ★ It is specially designed for motorcoaches and transit buses.
- ★ **It produces nearly 230 amps of output at engine idle.**
- ★ It uses the existing hardware, electrical connections, and pulley for ease of installation.
- ★ **There is increased fuel economy from decreased torque and horsepower drag on the engine.**
- ★ The easy conversion from oil-cooling to air-cooling eliminates alternator oil leaks which means reduced maintenance costs.
- ★ **It has specially designed bearings with high temperature grease and seals.**
- ★ No more oil from the alternator will get in your engine oil.
- ★ **No oil seals translate to a faster PX-8 BCK Kit assembly time at overhaul.**
- ★ An oil line cap kit, instructions and tech help are provided.



**NO MORE OIL LEAKS
SAVE MONEY ON FUEL**

Get The PennTex Advantage!
PERFORMANCE, ENDURANCE AND SATISFACTION

The *air-cooled* PennTex PX-833 offers the most efficient upgrade for belt drive 50DN alternators in the industry, with a rating of 330 amps @ 28 volts. The PX-833 and the PX-8 BCK Kits replace technology that was created more than 50 years ago.

The unique design of the brushless PX-833 produces an additional 60 amps, with about 230 amps available at engine idle. The unique fan design and optimized cooling slots maximize internal cooling. The rectifier heatsinks have more surface area to increase heat dissipation. The rectifier assemblies were designed to operate in the extreme heat environment of engine compartments with little or no air movement.

The unique PX-833 design benefits translate into a more efficient charging system that produces more output. Fuel economy is increased because there is less drag on the engine when compared to the 50DN.



Manufacturing Plant: Ft. Worth, TX



Ph: 877-590-7366 Fax: 817-590-0505 sales@penntexusa.com www.penntexusa.com

As a complete alternator or as a rebuild kit, PennTex can supply your air-cooled 50DN Conversion.



The PX-8 BCK Kit takes less time to build than an oil-cooled 50DN meaning reduced labor costs and faster rebuild turnarounds.



No oil means no oil seals to lubricate and seat in.



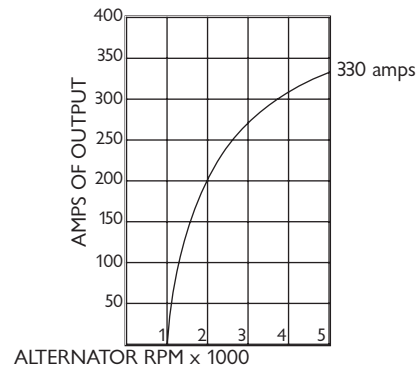
PennTex PX-8 BCK Kit Contents

 Drive End Frame	 High Temperature Bearings	 Rectifier End Frame
 Fan Shroud & Mounting Hardware	 Stator Assembly Plugs	 Rear Cover Plate & Mounting Hardware
 Cooling Fan	 Oil Line Cap Kit	 Outer DE Bearing Retainer & Mounting crews
 Insulator & Accessory Kit PX-8647	 Hardware Kit PX-8995	 Rectifier Heat Sinks (3)

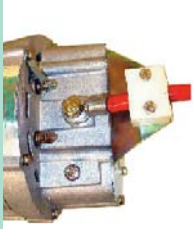
This is the most efficient solution to an old, outdated problem: using engine oil to cool the alternator.

WARRANTY


PENNTEx INDUSTRIES, INC.
STANDARD PX-833 WARRANTY IS
TWENTY FOUR (24) MONTHS /
UNLIMITED MILEAGE WHEN INSTALLED
ON A NEW OEM VEHICLE.
AFTERMARKET INSTALLATIONS
HAVE A WARRANTY OF TWELVE (12)
MONTHS / UNLIMITED MILES.



Charging System Description:
Alt. Series: PX-833
Weight: 97 lbs.
Rated Voltage: 28
Rated Current: 330
Test Conditions:
Ambient Temp: 72 °F

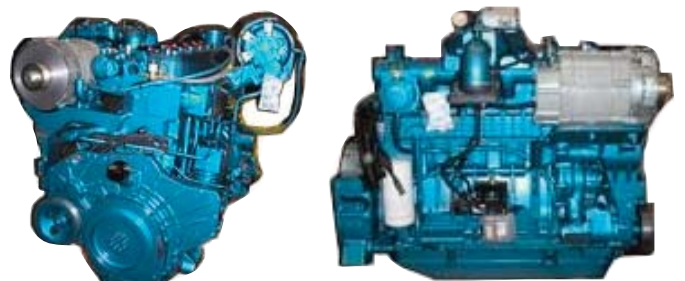


PX-8150: Support Kit for Single Output Cable



PX-8968: Support Kit for Positive & Negative Cables and Relay & Field Wires

Optional Cable Support Clamp Kits:



The PX-833 is the standard alternator on this new engine.

PERFORMANCE ENDURANCE AND SATISFACTION



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High Efficiency Alternators and
Mobile Electronic Devices.**

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