



Why are there so many different alternator models for the Ford E-series with the 6.0L diesel engine?

Shuttle bus manufacturers use different parts suppliers for add-on air conditioning. This add-on A/C usually requires an additional A/C compressor, mounting bracket, and a different drive belt. Since the A/C mount brackets are not all the same, different versions of our alternators have been requested by the manufacturers to allow for proper mounting and belt/pulley alignment as well as specific output post positioning for A/C line clearance.

To help with alternator retrofit requests to install PennTex charging systems on the Ford E-series with the 6.0L diesel engine we have come up with this list of questions:

1. What is the year and model, and what company built your bus body? (Such as Champion, Eldorado, Goshen, etc.) _____
2. What company supplied the air conditioning components? (American Cooling Technologies, Carrier, Bracketry Systems, Inc. (BSI), etc.) _____
3. How many air conditioning systems does your vehicle have? Most buses will have the factory system in the dash with an additional system in the rear or on the roof. _____
4. How many air conditioning compressors does your vehicle have? There will be either one or two: the factory compressor and an add-on compressor, or the factory compressor alone, possibly using a tie-in ("T") system to connect the rear A/C evaporator hoses to the stock Ford A/C lines and condenser.
5. If there are two compressors, does the add-on compressor have its own drive belt or does it use the factory drive belt? There is only one serpentine belt in an original Ford factory system, and some add-on systems use a second belt to drive the additional compressor. _____
6. If there is only the factory Ford air conditioning compressor and you have a tie-in system for the rear air conditioning, does your vehicle have the OEM **L57 Prep Package** from Ford? (PennTex has a bracket kit for this combination). _____
7. Does your vehicle have one or two alternators and are they factory-installed Ford alternators? _____
8. Does it already have a PennTex alternator installed on it and do you have the model number or serial number or both? Model# _____ Serial# _____

When you have the answers to these questions, please call PennTex toll-free at 877-590-7366 or fax this completed page to 817-590-0505 to confirm your correct charging system and recommended support bracket and belt kit. Please remember that retrofit upgrades to PennTex Heavy Duty High Amperage Charging Systems will also require the upgrade of battery cables to 2-gauge or larger to prevent any damage from the use of undersize cables.

PERFORMANCE ENDURANCE AND SATISFACTION



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High Efficiency Alternators and
Mobile Electronic Devices.

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