



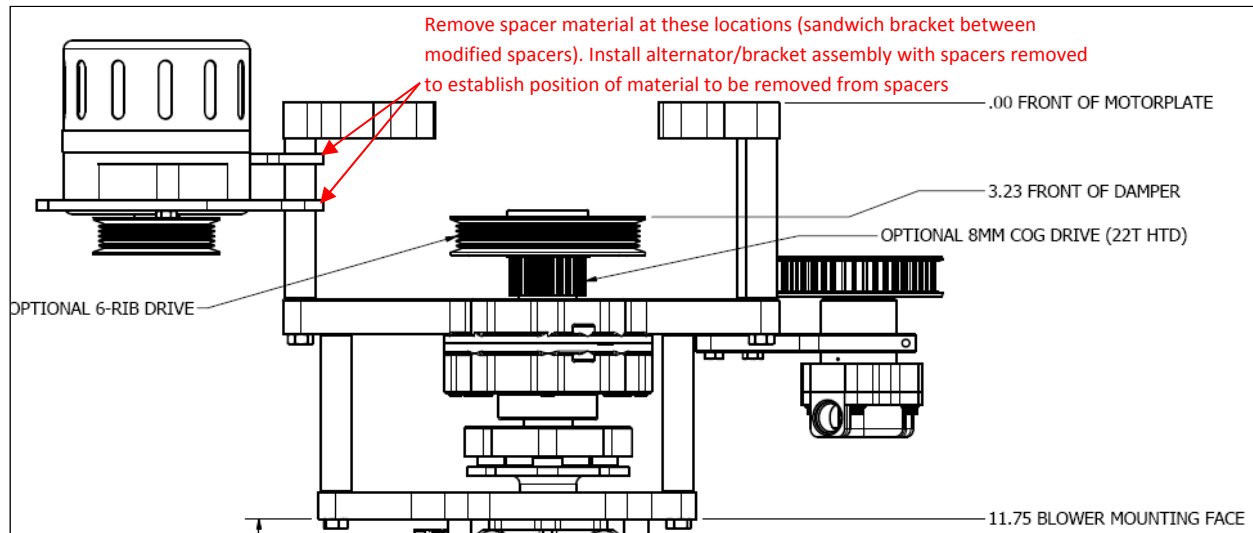
## Alternator Bracket Installation Notes

- *Though considerable time and effort has been invested in producing a robust, off the shelf solution, some fitment and light fabrication is required to properly fit the X-series drive alternator bracket kit to your engine.*



- The XDRIVE alternator bracket kit is designed for use with GM Delco CS121, 2-bolt style alternators and the optional XDRIVE 5.25" 6-rib drive hub.
- Many compatible aftermarket alternators are available, we recommend Powermaster part number 8462-104 for 12 Volt applications and 8466-104 for 16 Volt applications.

- Our research indicates that alternators for a 1990 Jeep Cherokee w/ a 2.5L 4-cylinder (AC Delco P/N 3351218) are also usable.
- Belt lengths will vary between installations and are dependent on alternator pulley diameter
- Fitment of the alternator bracket kit will require modification of the block adapter-to-XDRIVE spacers, typical installation is shown in the diagram below:



- Tip: Removal of one, or both of the block adapter-to-XDRIVE spacers on the side of alternator installation will permit fore-aft movement of the alternator/bracket assembly for the purpose of establishing the positions where material must be cut from the spacers (remove material at bracket positions, bracket(s) will be sandwiched by modified spacers). *Note use of a lathe is recommended to retain squareness of spacer ends*
- Tip: The alternator bracket set may be inverted to raise/lower the position of the alternator relative to the drive
- Tip: The alternator brackets may be exchanged front-to-rear (opposite of diagram above) allowing the alternator case to be mounted forward rather than rearward of the belt/pulley