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How to Install a Pulley or Flywheel on your Alternator

Caution: Never pound on the pulley or flywheel with a hammer. This will destroy the alternator bearings and void your warranty.

1. Inspect your alternator. for any physical damaged during shipping before you install any hardware on refurbished alternator. Inspect the alternator shaft for burrs or irregularities.
2. Refurbished alternators come with a lock washer, lock nut, key and spacer (when applicable). Make sure all parts are present.
3. Remove lock nut and washer from refurbished alternator.
4. Clean the bore hole of your pulley or alternator. Before you try to slip it on the alternator shaft, the hole must be clean, free of rust and burrs. Remove rust or debris from the center hole with small metal brush. To remove burrs on the edge of the bore hole, use a rat-tail file.
5. Lubricate center hole of pulley or flywheel with oil or grease to help reduce friction.
6. Make sure the key is seated fully in the key-way. If needed, gently tap the key with a ball peen hammer until it is properly seated.
7. Important: If the key is not straight when the pulley is being install it will not slide over on alternator shaft.
8. Gently slide the pulley or flywheel on alternator by hand. If you have difficulty, pull it out and remove burrs on either the bore hole or the alternator shaft. If needed, gently tap the pulley with a plastic hammer (DO NOT USED TOO MUCH FORCE) when tapping the pulley/flywheel on to the alternator.