

DESCRIPTION OF PIECES:

RIGID PULLEY:

Has the unique and exclusive function of transmitting, through use of a belt, the engine's movement to the alternator. In this case, the alternator's entire vibration is transferred to the front-end accessory system.



FREEWHEEL PULLEY:

Has the additional function of allowing alternator's rotor to freewheel, in cases of abrupt deceleration or engine shut-down. Thus, it prevents the belt from "slipping" and chirp noise, which also contributes to reduction of system vibration.

BENEFITS OF THE FREEWHEEL PULLEY:

It prevents early tensioner and accessory drive components failures and also belt chirp noise.



WHY ISN'T THE REPLACEMENT ADVISED?

ZEN always recommends the original product to be replaced with another that has the same functional characteristics. Replacing a freewheel pulley with a rigid pulley may bring about malfunctions such as:

- Damage to the tensioner and idlers due to the increase in vibration for the entire accessory system;
- (Chirp) noise from the belt;
- Breaking of the alternator shaft;
- Reduction of the belt life.