

Overrunning Alternator Pulley

Alternators react more slowly than engines to changes in revolution speed. They have a high inertia level and in combination with a rigid belt pulley tend to prevent a rapid reduction in engine speed. In other words: If engine revolutions are to be reduced fast, the sluggish alternator also has to be slowed down via the belt and then speeded up once more when the engine accelerates. This leads to irregular running, wear and tear within the entire belt drive and increased energy consumption.

The solution: With the aid of its integrated overrunning coupling the overrunning alternator pulley transmits torque in a single direction only. This enables fast reduction of engine speed while the alternator can continue to run unobstructed for a short while. This reduces the strain on the entire drive system during braking and gear changes and enables more efficient acceleration.

And it can be done even more smoothly: For some drives an alternator decoupler is provided. Thanks to its integrated spring/damper system the overrunning alternator decoupler also dampens vibrations from the alternator, thereby enabling it to suppress resonance more effectively. In this way the Overrunning Alternator Pulley and the Overrunning Alternator Decoupler provided by Continental in OE quality ensure smooth and efficient belt drive operations.



Overrunning Alternator Pulley

Benefits

- > Avoiding vibrations and slip in the belt drive
- > Exceptionally smooth running and low noise
- > Also available decoupled
- > Ensures the optimum operational life of belts and belt drive components
- > 5-year guarantee:
www.continental-ep.com/5



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