

Power Transmission Group

Our Drive – Your Success

NEW!
Overrunning
Alternator Pulley
For a perfect run!



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CONTITECH

For a perfect run:

Overrunning alternator pulley from ContiTech

Original quality is the best replacement. The same applies to our new overrunning alternator pulleys (OAP) and overrunning alternator decouplers (OAD). Both components are optimally tuned to the V-ribbed belts.

Due to the rotational irregularities of the crankshaft, vibration and slip arises on the V-ribbed belt when auxiliary assemblies have rigid alternator belt pulleys. This leads to undesirable noise buildup, vibrations, higher material stress and a rise in consumption. In addition, the large rotating mass in the alternator prevents the rotational speed from falling quickly, for instance during a gear shift.

To eliminate these disadvantages, many vehicles are equipped with an overrunning alternator pulley or overrunning alternator decoupler. With its overrunning clutch, the overrunning alternator pulley absorbs vibrations that arise in the belt drive as a result of the rotational irregularities of the crankshaft, and also makes it possible to reduce the engine speed quickly in the case of sudden load alteration. With its integrated spring/damper system, the alternator decoupler also decouples the V-ribbed belt from the alternator, thus effectively absorbing resonant vibrations that may arise.



Tip:

Only a fully-functioning overrunning alternator pulley or alternator decoupler ensures that the belt drive runs quietly and smoothly and that all components achieve an optimum service life, which is why the pulley or decoupler should be inspected each time the V-ribbed belt is replaced. The pulley or decoupler should then be replaced at the very latest when the V-ribbed belt starts to flutter or there is a whistling or squeaking noise. Otherwise the belt drive can breakdown fully, which can result in damage to the engine control.

Impressive advantages:

- ▶ **Prevention of vibrations and slip in the belt drive**
- ▶ **Running smoothness and quiet operation**
- ▶ **Failure protection for the belt drive**
- ▶ **Optimum service life for the belt and the other components of the belt drive**
- ▶ **Precisely tuned to ContiTech V-ribbed belts**
- ▶ **Belt and overrunning alternator pulley from one single source in the usual ContiTech original equipment quality**
- ▶ **Top-notch ContiTech service**

TOOL BOX OAP

Tool box equipped with generator cap wrench sets to assemble the overrunning alternator pulley.

- ▶ Suitable for many of the most common vehicle types
- ▶ Designed to match our new overrunning alternator pulley

Part no.: 6503999000



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