



## INA Service Info



# Quieter engine

## Changing from a rigid belt pulley to an over-running alternator pulley

Manufacturer: BMW

Models: 1', 3', 5', 6', 7', X1, X3, X5

Year of construction: 2004 - 2011

Engines: M47, N47, M57, N57

Part no.: INA-OAP / Valeo alternator  
 535 0063 10 / TG15C027/TG15C073/TG15C093  
 535 0202 10 / TG15C072/TG17C010/TG17C048  
 535 0203 10 / FG18D024/FG18S019

For current listing refer to catalogue media

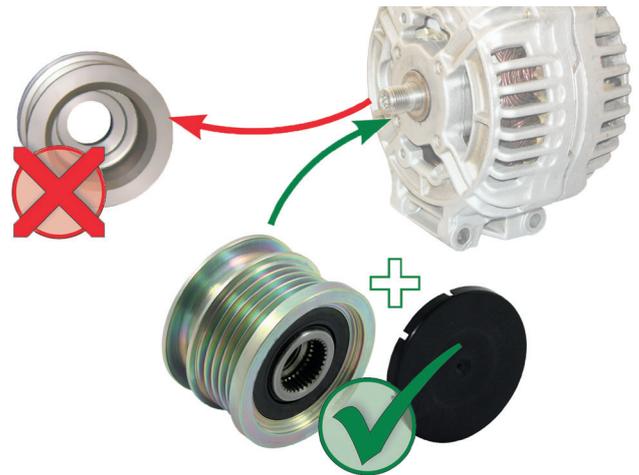


Image 1: Changing from a rigid belt pulley to an over-running alternator pulley

Vibrations and loud noises from the front end accessory drive may be produced in the vehicles listed above with a rigid alternator belt pulley. These vibrations and noises are caused by the rotational irregularities in the diesel engine, which are greater than those in a petrol engine.

Schaeffler Automotive Aftermarket recommends that the vehicles affected with a rigid alternator belt pulley be retrofitted with an over-running alternator pulley. Attention: It is essential that the enclosed installation instructions are observed!



Image 2: Over-running alternator pulleys 535 0063 10 (left), 535 0202 10 (centre), 535 0203 10 (right)

The over-running alternator pulley disengages the front end accessory drive from the rotational irregularities of the engine, ensuring that the V-ribbed belt runs more smoothly and quietly. As a result, the engine is quieter, making your drive more comfortable.

Please observe the vehicle manufacturer specifications!

**You want more? We can help!**

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