

SERVICE-INFO



Replacement interval for repair kit 535 0186 10

Manufacturer:	Volkswagen
Model:	Phaeton, Touareg, Multivan T5, Transporter T5
Engine:	2.5 TDI, 5.0 TDI
OE number:	Over-running Alternator Pulley (1) 070 903 201 E Flexible Coupling Sleeve (2) 070 903 327 C (replaced) 070 903 327 (new)
Part no.:	Over-running Alternator Pulley (1) 535 0118 10 Flexible Coupling Sleeve (2) 535 0185 10* Repair Kit (3) 535 0186 10



Image 1: Over-running alternator pulley with flexible coupling sleeve and spur gear drive

The vehicle manufacturer specifies a replacement interval for the over-running alternator pulley 535 0118 10 (1 – Image 1) and the coupling sleeve 535 0185 10* (2 – Image 1) in its maintenance schedule.

This is dependent on whether the vehicle has a diesel particle filter. The replacement interval is 93,750 miles for vehicles without a diesel particle filter and 112,500 miles for vehicles with a diesel particle filter. In the case of the aforementioned vehicles, the alternator and air-conditioning compressor must be removed in order to replace the over-running alternator pulley and the coupling sleeve.

Note:

When changing the coupling sleeve, the vehicle manufacturer states you must always replace the over-running alternator pulley at the same time!

Any reference to replacement part numbers for vehicle manufacturers is for comparison purposes only.

The alternator may only be removed, reinstalled or replaced together with its mounting bracket! A separation of these two components will inevitably result in the loss of the basic alignment of the alternator, with its over-running alternator pulley specifically aligned to the spur gear drive. The basic alignment cannot be restored with normal workshop equipment!

The illustration in Image 1 shows the layout of the individual components in the spur gear drive of the specified Volkswagen engines.

The over-running alternator pulley 535 0118 10 (1) and the coupling sleeve 535 0185 10* (2) are used in this drive both for the alternator (ALT) and for the air-conditioning compressor (AC).

Key to Image 1:

- (1) Over-running alternator pulley
535 0118 10
- (2) Flex. coupling sleeve 535 0185 10*
- (3) Repair kit 535 0186 10
- (CA) Camshaft gear
- (WP) Water pump gear
- (CS) Crankshaft timing gear
- (OP) Oil pump gear
- (ALT) Alternator
- (AC) Air-conditioning compressor

*) Not available separately.



Note the specifications of the vehicle manufacturer!

Appropriate spare parts can be found in our on-line catalogue at www.Schaeffler-Aftermarket.com or in RepXpert at www.RepXpert.com.

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Technical subject to change

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