

Friesen units for vehicles with an automatic start/stop system

Due to the ever-increasing demand for fuel-saving technologies in recent years, a technology deployed to a limited degree in the past has experienced a comeback – the automatic start/stop system.

This system automatically switches off the engine when it is idle (e.g. at traffic lights). The engine is then automatically reactivated as soon as the brake or clutch is released (depending on the model involved). The starter and generator in vehicles with this system are, as a result, the subject of special attention.

The starter in particular is subjected to stress levels well above those experienced normally, so design modifications are necessary. On the one hand, a need to increase electrical conductivity exists. On the other, a mechanism embodying a higher degree of durability and resistance is required. These requirements have been achieved through modifications which include reinforced bearing points and more generous dimensioning. However, outer dimensions remain unchanged. The compact design is retained.

Friesen includes these special unit features and provides replacement parts in OEM quality for vehicles with this system.

German vehicle manufacturers currently lead the field when it comes to start/stop systems.

The following represents a selection of these:

Audi	A1, A3, A4, A5, A7
BMW	1er, 3er, 5er, 6er, 7er, X-Reihe
Ford	Ka, Focus
Mercedes	A-, B-, C-, E-, S-Class
Opel	Astra, Agila, Corsa
Volkswagen	Golf, Passat, Polo, Tiguan, Touran, Touareg

Friesen generators (selection) for vehicles with a start/stop system:

9090585	Audi A1, A3	1.6TDI, 2.0TDI
	Seat Alhambra, Altea, Ibiza, Leon	1.6TDI, 2.0TDI
	Skoda Fabia, Roomster, Yeti	1.6TDI, 2.0TDI
	VW Golf, Polo, Tiguan	1.6TDI, 2.0TDI
9090584	VW Eos, Passat, Scirocco, Sharan, Touran	1.4 TSI

