



GATES AUTOMOTIVE **EUROGRIP**[®] FLEXIBLE COUPLINGS AND KIT

After the recent introduction of the EuroGrip[®] flexible couplings, Gates now introduces the EuroGrip[®] flexible coupling kit. The kit consists of a EuroGrip[®] flexible coupling and a decoupler pulley.

The flexible coupling is a rubber sleeve designed to transmit torque to drive engine accessories, such as the alternator and air conditioning compressor, and to damp vibrations between two connected shafts. EuroGrip[®] flexible couplings relieve the stress that would result from a rigid coupling for applications where these two shafts are subject to misalignment and axial movement. Furthermore, the flexible coupling connects a decoupler pulley (accessory side end piece) and accessory. Decoupler pulleys, like any other part, don't last forever. When the decoupler pulley is damaged, the load on the drive system will be too high. Irregular loads can cause noise and vibration and reduce the life span of the drive components. As timely replacement of the pulley avoids such engine problems, flexible couplings and decoupler pulleys are often replaced together.



Because Gates wants to offer its customers complete service, we now present the flexible coupling and decoupler pulley in one kit. These first class replacement products, which come in a compact cartridge box, guarantee a perfect fit and allow you to change both elements at the same time. Gates is the only supplier in the market delivering these components together!

FEATURES
Flexible coupling
Cylindrical rubber sleeve connecting two end pieces
Coupling transmits torque by shear
Based on proven material technology for automotive synchronous belts
Lubricated jacket minimises coupling and end piece wear and retains tooth integrity during operation
Glass fibre cord provides excellent dimensional stability at high rotational speeds
Fibre-loaded HNBR maximises torque transmission capability, controls damping characteristics and provides excellent long-term ageing resistance
Decoupler pulley
OE-equivalent one way clutch, made of steel
Transmits torque in one direction of rotation and rotates freely in the other direction

BENEFITS
Flexible coupling
As there are no moving parts, the system is silent in operation
Tooth design allows easy assembly with zero backlash
Coupling's flexibility tolerates misalignment in component mountings
System is lightweight and low inertia
Predictable shear properties allow for component protection
Decoupler pulley
Provides a high load-carrying capacity
Decreases the drive system load during deceleration
Reduces noise and vibration and prolongs the life of the accessory bearings

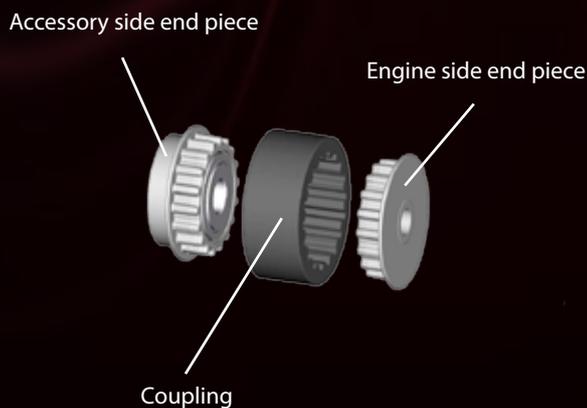
APPLICATIONS

Flexible coupling

The superior durability of Gates EuroGrip® flexible couplings versus competitive alternatives was the deciding factor in installing the Gates coupling on the **Volkswagen**. Also for the V10 engine type, **Volkswagen** opted for EuroGrip® because of its outstanding NVH characteristics (Noise, Vibration and Harshness). Two couplings per engine are used: one EuroGrip® coupling drives the alternator, the other drives the air conditioning compressor. **Volvo** also uses this technology to drive the alternator.

GATES FLEXIBLE COUPLINGS FIT THE FOLLOWING APPLICATIONS:

				
EG1	VOLKSWAGEN Multivan 2.5 TDi	96/120/128	AXD/AXE/BLJ	03/03-
	VOLKSWAGEN Phaeton 4.9 TDi	230	AJS	11/02-
	VOLKSWAGEN Touareg 2.5 TDi	120/128	BAC/BLK	02/03-
	VOLKSWAGEN Transporter 2.5 TDi	96/128	AXD/AXE	05/03-
	VOLKSWAGEN Transporter Shuttle/Eurovan 2.5 TDi	96/120/128	AXD/AXE/BLJ	05/03-
EG2	VOLVO S80	175/210	B6324S/B6304T2	08/06-
	VOLVO V70	175/210	B6324S/B6304T2	08/07-
	VOLVO XC60	210	B6304T2	05/08-
	VOLVO XC70 / XC70 Cross Country	175	B6324S	08/07-
	VOLVO XC90	175	B6324S	04/06-



As a specialist in your field, you know how important it is to choose top-quality products, so there's no reason why you shouldn't order a premium Gates EuroGrip® flexible coupling or EuroGrip® flexible coupling kit. Choosing the right components is easy when you choose Gates!

Your distributor:

