As a systems supplier, we design and assemble automatic shifters with shift by wire, as well as, electromechanical technology. Special attention is given to electronic functionality and ease of use - haptic and acoustic.

KÜSTER electronic shifters are based on shifting angle detection, high accuracy and a customised programming process, resulting in tolerance minimisation. The innovative sensor strategy distinguishes itself by, contactless and frictionless, sensors.

The patented, angle-of-rotation sensor system, is characterised by a compact construction, with calibrated and redundant angle-of-rotation sensors. Through our innovative modular design concept, the shifters can be utilised across a number of vehicle platforms.

Benefits at a glance
- Proven reliability and low cost
- Noise-optimised shift mechanism
- Enhanced shift feeling

GEARSHIFT SYSTEMS
Excellence in modular solutions

PRODUCT PORTFOLIO.
OTHER APPLICATIONS.

Actuators
acoustic flap actuators ● high temperature flap actuators ● plug locking actuators ● electric parking brakes

Door Systems
window regulators ● door modules ● boot cover lifters ● drives

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Excellence in modular solutions
Our manual shifters transfer the driver’s commands via direct mechanical connection to the gearbox. Of major importance are the low-friction and free play transfer of force and way, as well as the optimal decoupling of mechanical vibration and airborne sound.

Depending on the assembly situation of each car, KÜSTER shifters can be supplied as cable-, as well as, rod controlled shifters.

Based on years of practical experience as a systems developer, our shifters achieve optimal ease of use.

Push-pull cables are a definitive component for the mechanical transfer between shifter and gearbox. Our cables enable the transfer of large forces, with minimised internal friction and high efficiency. Decoupled connections are available in various materials and joining techniques.

KÜSTER has been developing and producing push-pull cables for close to 30 years. The fine-tuning of the interplay between casing and cable core, achieves minimised friction and maximum efficiency. The construction of the cable core can be represented by a variety of methods, where necessary, coupled with tribologically sensible thermoplastics.

In addition to this functionality, connections with integrated elastomer dampers can contribute to the acoustic decoupling of airborne sound and mechanical vibration.

We manufacture a wide variety of bezels and knobs, always with the objective of providing our customers with the most advanced technology, combined with an optimal design. Utilising suitable materials, we achieve the highest customer requirements regarding optics, haptics and durability.

KÜSTER develops and manufactures bezels and knobs for manual and automatic shifters. By integrating electronic functions, for example, for the illumination of the driving position in automatic shifters, a maximum ease of use is achieved.

Customised solutions are available to meet our customers’ requirements.