

DEVELOPMENT

A special feature of Stopfix is the ingenious development process. It forms the basis for every new product.

Our development engineers have many years of experience. In addition to the CAD-based design, we use FEM-calculations to simulate complex interrelationships and to fully understand stress and load profiles to be expected - before a first prototype is built.

By means of detailed FMEA (Failure Mode and Effect Analysis) for the design as well as for the processes, we do recognize potential risks in an early stage of development. This allows us to define appropriate countermeasures to minimize these risks.

Finally, the implementation into mass production - after extensive endurance testing and hard overload tests - is our daily business.

STOPFIX®
Brake Actuation Systems

Stopfix-Bremse Schröter & Co. GmbH was founded in 1929 by Hans O. Schröter. The company develops and industrializes parking brakes for passenger cars and commercial vehicles.

In the 1960s, the company was also able to expand its market position with brake boosters. For example, the first brake booster for VW Beetle was developed by Stopfix, which is still supplied as a spare part today. Brake cables for power transmission were part of the product portfolio even then.

At the end of the 90's, Stopfix began to supply the first hydraulic brake actuations. Till today, this segment is continuously growing.

In addition to our own developments, we have been supplying for over 15 years a large number of assemblies, which can be used far beyond the subject of brakes. Typically, these products are customer developments.

For the industrialization of these products, we benefit from the decades of experience we have with our international supplier network. In combination with our assembly processes, we thus are able to offer a superior price-performance-ratio, which is hardly to beat - especially for complex assemblies.

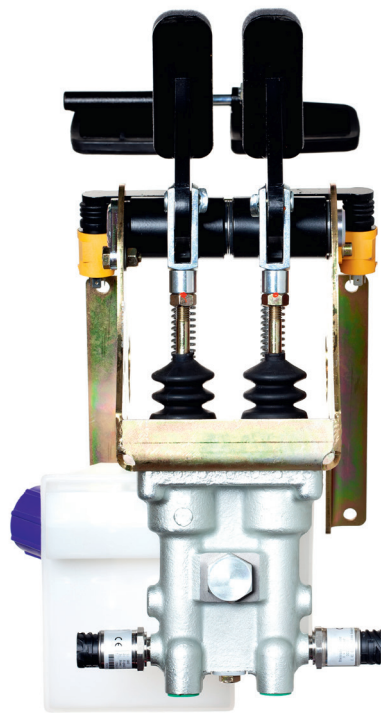


STOPFIX-BREMSE
Schröter & Co. GmbH
Bunsenweg 11
82538 Geretsried, Germany
T.: +49 81719271-6
F.: +49 8171 9271-88
info@stopfix.de
stopfix.de



STOPFIX®
Brake Actuation Systems

Experience and know-how from Germany – since 1929.



PARKING BRAKES

Stopfix parking brakes are used as classic hand lever or foot pedal actuations. They are maintenance-free, robust and durable.

Depending on the requirements, both systems are available with already integrated micro switch. In addition, the integration of rotation angle sensors or pneumatic valves is possible, e. g. to directly control a trailer brake.

In many cases, standard hand brake levers do not meet the expectations of our customers. Stopfix brakes can therefore be individually adapted to the manufacturer's cabine. This does not only apply to the technical design, but also to haptics and appearance.

Of course, we also supply the appropriate accessories, such as brake cables, deflection pulleys or fixing material.



SERVICE BRAKES

Stopfix service brakes are characterized by their compact design. They are delivered to our customers "ready to install" directly into the assembly line. Europe-wide.

The maintenance-free mechatronics are based on the use of exclusively high-quality components. From sensor to spring. Short response times, precise power transmission and the high longevity inspire every user.

All brake actuations can be used both for operation with mineral oil as well as with common brake fluids.

Stopfix single-circuit and dual-circuit systems are manufactured including pressure sensors and / or rotation angle sensors.

Of course also with pedal locks on request for dual circuit systems.



ASSEMBLIES

Sometimes it doesn't have to be a brake system, but you require an assembly to supplement your vehicle production.

Fast, cost-effective and reliable.

With our Stopfix area "build to print", we implement your development directly with our experience. Important: It doesn't matter to our team whether it is a simple design or a highly complex structure.

Without any problems we are able to combine the most diverse manufacturing technologies, in order to complete your task.

And whether you are looking for a small series for special vehicles or require a test series, or start mass production immediately – with Stopfix you are always right!