

## WIPER BLADES

SCT offers bracket less wiper blades as well as conventional wiper blades. All blades come with a variety of POM constructed adapters. Therefore SCT wiper blades are suitable for more than 90% of all commercially available vehicles. Co-extruded natural and synthetic rubber (EPDM) helps to ensure consistent performance in a temperature range between -20 to +70°C and various weather conditions. High grade EPDM with carbon coating allows a quiet and smooth operation with excellent cleaning result. High quality stainless spring steel is applied to ensure a long wiper life cycle. Conventional wiper blades use external steel strips and joints that apply pressure on several specific spots. Optimized rubber profiles are used counteract this effect. SCT Aerotech bracket less wiper blades on the other hand, have a consistent pressure distribution over the entire wiper length by design. Therefore Aerotech wiper blades regularly have a longer life-time and better wiping results.



## SHOCK ABSORBERS

SCT shock absorbers meet high quality standards. Completely self-regulating, with features that improve the performance and impact positively on the economic life-time of the shock absorbers. Even under extreme conditions, the SCT shocks offer very high reliability. More safety, comfort and driving dynamics with SCT.



## SUDHEIMER CAR TECHNIK VERTRIEBS GMBH

Since the foundation of the company in the year 1993, SCT-Vertriebs GmbH has been relying on permanent further development of its product range for personal and commercial vehicles. With around 8,000 different products, we now offer the Independent Aftermarket (IAM) an extensive full range of lubricants, spare parts and accessories for vehicles from leading European and Asian manufacturers.

SCT-Germany brand spare parts convince with an excellent price/performance ratio and optimal availability which is guaranteed with decentralised stock maintenance.

Technically trained members of sales staff are pleased to answer any customer questions on the SCT-Germany spare parts range. Product information is available at any time to everyone on our online catalogue and in the TecDoc parts catalogue. The SCT-Germany spare parts catalogues are also essential references which are updated at regular interval and reprinted.

Customers throughout the world profit from our high process standard. After all, with the thought out and regulated processes down to the last detail, as well as regular monitoring, we offer you first-class services and efficiency at a constant level. For us, quality management means that each step of the whole production chain is regularly checked according to the strictest guidelines from development to the After Sales Service.

All information about SCT-Vertriebs GmbH and details with catalogues of the whole range of products please find at [www.mannol.de](http://www.mannol.de).



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# SPARE PARTS RANGE OVERVIEW

## AUTOMOTIVE FILTERS

### Air Filters

Air filters are indispensable to protect the engine against damage because of solid particles such as mineral dust, soot, and organic particles in the combustion air. SCT air filters trap particles down to 70 micrometers size, to ensure a long engine lifetime. The air filter should be changed every 15,000 Km. Be advised that a polluted air filter leads to increased fuel consumption because of reduced air permeability.

### Cabin Air Filters

Cabin Air filters are essential to protect your health from hazardous contaminants in air you breathe. SCT cabin filters trap pollutants like pollen, soot and combustion residues down to 15 micrometers size. The high concentration of various types of contaminants in your environment may lead to allergic rhinitis, eye watering or breathing disorder. Due to its importance nearly every car is equipped with such a filter.

### Fuel Filters

Fuel filters are necessary to protect the engine against damage because of solid particles such as mineral dust, soot, and organic particles in the fuel or diesel. SCT fuel filters trap particles down to 30 micrometers size, to ensure a long engine lifetime. The requirements for fuel filters are various and challenging. Therefore each fuel filter has to be developed according to engine requirements, fuel quality and expected exploitation conditions.

### Oil Filters

Oil filters are developed to purify your engine oil from all kinds of contaminants such as combustion and wear residues. SCT Oil filters are designed to trap particle sizes in accordance to the engine requirements. Most automobiles require a filtration down to 70 micrometers particle size. Oil and Oil filter should be changed in accordance to the car manufacturer's recommendation, as polluted oil leads to increased fuel consumption and increased wear.

### Air Dryers

Air Dryers are designed to protect pneumatic systems by absorbing harmful moisture and contaminants. Special granulate with highly hygroscopic properties is absorbing humidity inside the Air Dryer before it harms the pneumatic system. Application of these dryers significantly extends the life-time and safety of pneumatic brake systems.



## BRAKE PADS AND SHOES

SCT offers, focused on the needs of Aftermarket customers, supported by innovative materials and modern technology, a wide range of excellent high-performance brake pads and brake shoes. Dedicated to bring competitively priced OE quality products, first class availability and international marketing to master the requirements of all Aftermarket customers. New SCT product range „PROFILINE“ covers more and more of the European car park and comes with all required accessories. All pads are asbestos free and free from heavy metals.



## AUTOMOTIVE BELTS

SCT supply all kinds of automotive belts. The frame materials with small tensile rate, high strength and good resistance to bending are used as the resistible body. The rubber material is excellent chloroprene rubber. The quality of products has come up to advanced world standards.

### Timing Belts

New technology, self-lubricating fabric provides exceptional resistance to abrasion, resulting in extended pulley and belt life. The moulded cog design runs quieter and is more economical than chain drives. Our premium, high modulus glass fibre non-stretch cord delivers precise length stability to keep the engine running smoothly over the life of the belt.

### V-Belts

The SCT V-belt delivers more flexibility and increases airflow around the belt, so it runs cooler and lasts longer than most competitive belts. Three plies of neoprene impregnated fabric resist heat, oil, and grease and a specially-formulated treatment of the polyester cord provides strength and stability.

### R-Belts

The special design provides better belt-to-pulley contact for less slippage, flexural stress relief, for increased flexibility in both normal and backside bending. The grooves also render the belt less susceptible to environmental factors, such as dust and splash-induced slip. SCT uses a rubber-impregnated fabric backing that maximizes load-carrying capability and minimizes the noise that is often associated with the competition's rubber-backed belts.

## ELECTRICAL SPARE PARTS

### Spark & Glow Plugs

Spark plugs must achieve high performance: In all operating situations they must spark, guarantee effective cold starting and fault-free operation, even under the highest loads and play their part towards optimum, low-emission combustion. In the combustion chamber temperatures reach up to 3000°C and pressures up to 50 bar. In addition, ignition voltages reach up to 40 000 volts. Chemical influences also place heavy demands on the quality of the spark plugs. A tough task indeed, which the spark plugs must perform over many thousands of kilometres. Spark plugs are expendable components which must be regularly replaced.

One component of the cold start support is the glow plug. Thermal energy, generated by electricity, flows into the combustion chamber to create the ideal ignition conditions for the injected fuel. If an engine has a divided combustion chamber, it is indispensable as a cold start aid in order to ensure starts in frequent temperature ranges of 10-30°C. Due to the considerable deterioration of the start quality at temperatures below freezing point, the glow plug is also used for diesel engines with direct injection.

### Ignition Wire Sets

SCT Ignition Wire Sets correspond exactly to the specifications of original equipment and guarantee a precise ignition sequence in the after-market equipment, optimum engine performance and fuel economy. All ignition leads of an engine compartment are exposed to the same influences (as salt water, detergents or marten bites). Due to this fact they reach their wear limit more or less at the same time. SCT Ignition Wire Sets consisting of assembled cables and connectors make the replacement very easy.

### Automotive Bulbs

Vehicle bulbs from SCT are known for their outstanding precision and reliable operation. The automotive bulbs comply with high quality requirements of car manufacturers and therefore surpass the requirements of European standards. The SCT product range includes our products for cars and trucks.

