

Experience and Expertise in Automotive Products

At Serck Automotive we are at the heart of every passenger car, commercial vehicle, agricultural vehicle and off-highway plant and equipment parts requirement. We are an OE and aftermarket supplier with over thirty years of experience in this most demanding of market sectors. Throughout our product range we draw upon our unrivalled depth of knowledge, innovative thinking and sourcing experience – ensuring international quality standards and ultimate performance, however demanding the application.

OE Partnerships

Working alongside major industry names, our involvement is all-embracing. From initial concept, through design to prototyping and onward to the final supply stage and logistics, we deliver solutions that are both cost effective and proven. Our joint links with the world's leading manufacturers ensure the highest quality standards, evaluated performance and on-time delivery throughout our product range.

Aftermarket

The hugely important aftermarket is a focused area of expertise for Serck Automotive, with total flexibility as our primary objective. The comprehensive parts inventory means we are able to supply the components you require. We are also able to provide facilities for packaging own or private-label branded products and organising associated logistics. Our exceptional buying power ensures the most competitive pricing of OE quality product within the aftermarket.

Service Commitment

At Serck Automotive, our operation is centred around a total service commitment to customers, whether manufacturer, warehouse distributor, marque specific or motorsport. With a product range that covers over 80% of the UK vehicle parc, most component requests can be supplied quickly.

We offer a technical support and advisory service for any individual problems as part of the Serck Automotive commitment to total service for every customer – large or small.

Company Vision

When we formed Serck Automotive, we set out to deliver a supply solution for key automotive parts requirements. We envisaged a genuine one-stop shop for these products that would provide complete technical and product support, from initial concept to production. Today, this service continues, drawing on some thirty years of specialist expertise.

As an acknowledged industry leader, our reputation for innovative and highly competitive problem solving within the OEM sector continues to develop. Increasingly, leading automotive manufacturers are partnering with Serck Automotive as their preferred specialist supplier of choice.



Peter Vernon – MD



Thermostats

Serck Automotive is the sole UK distributor and preferred partner of one of the world's leading thermostat manufacturers – who produce in excess of 16 million units per annum and are accredited with ISO 9001/TS16949 certification, supplying some of the world's major vehicle manufacturers. A complete aftermarket programme is available, ranging from the traditional all-metal type to the latest thermostats in both aluminium and plastic housings.

The pace of automotive development has been considerable in thermostat design to cater for the efficiency and emissions demands of today's vehicles. Integral switches are one development, while some vehicles require thermostats for engine and EGR valve cooling and are sometimes linked into engine management systems. The highest quality materials are used in the manufacturing process, including high quality stainless steel and copper that resist the corrosive effects of engine coolant for the life of the vehicle.

Further benefits include the stabilisation of pressure in the cooling system and a reduced delay in engine warm-up. All thermostats are 100% tested and calibrated, ensuring correct start-up to open temperature and maximum operating temperature. To meet the requirements of European, Japanese and Asia Pacific vehicles, thermostats can be specified with 'jiggle valves', while gasket sets can also be supplied if required.

Key Features

- OE Supplier Range
- ISO 9001/TS16949 certified
- Classic and modern vehicles
- Highest quality materials
- 100% tested and calibrated
- Thermostats for engine and EGR valve cooling
- Covers European, Japanese and Asia Pacific models
- Latest technology
- Large stocks held



Coolant Housings

Plastics are widely used in modern vehicle design and the cooling system is no exception. Whilst they are much more cost effective to design and make and offer almost unlimited flexibility to the designers in restricted engine bay environments, they have their service limits. Lack of maintenance and failure of other components in the cooling system often lead to secondary failure of one or more of the plastic "coolant housings", which then require replacement.

Here at Serck Automotive, we have long recognised the crucial nature of these parts and already have by far the widest range available.

We are constantly increasing our coverage of these parts. The range includes Thermostat Housings, Coolant Outlets, Coolant Pipes and Thermostat Covers.



Key Features

- High stockholding for consistent availability
- Excellent parc coverage
- OEM equivalent material standards
- Unrivalled range



Radiator Caps / Oil Caps



Fitment ranges cover marques from Alfa Romeo to Zastava, with the Serck Automotive range of Radiator Caps encompassing current and 2nd/3rd generation model ranges. Major advances in cooling technology see modern vehicle systems fitted with expansion tanks working at pressures in excess of 2.0 bar. For specialist applications, a design/supply service is available.

Caps are typically manufactured from zinc plated steel or stainless steel where fitted directly to the radiator, while for higher

operating pressures, different types of pressure caps, generally manufactured from plastic, are available. The function, and importance, of the radiator/ expansion tank cap within a cooling system often goes unrecognised, yet it is a fundamental component. Invariably the replacement of a radiator cap is a simple and rapid fix for many coolant pressure problems. Integral to the fault-finding process should be the replacement of an obvious component part, such as the radiator cap/pressure cap.

Key Features

- Full range of caps available
- Zinc plated or stainless steel
- Plastic expansion cap range
- Special applications design/supply service
- Technical help desk
- Classic vehicle ranges
- All system pressures
- Unparalleled level of stockholding

Switches

A full range of switches, each manufactured to the highest standards to ensure reliability and longevity, are available to complement the thermostat housing and radiator product ranges. These include Thermo Switches, Fan Switches, Temperature Senders and Temperature Sensors.

Further ranges of associated products to control the optimum temperature of a vehicle's cooling system are also available. The wide model availability covers past and current European, Japanese and Asia Pacific manufactured vehicle ranges.



Key Features

- Comprehensive product range of switches and associated products
- Highest manufacturing standards ensure reliability and longevity
- Wide model availability

Oxygen Sensors

Often also commonly known as Lambda or O2 sensors, this component is one of the most important sensors in the engine management system.

Serck Automotive have partnered with MTE-Thomson Brazil to offer the UK market a price competitive OE product. MTE-Thomson are a global supplier to many well known vehicle manufacturers and have developed their own oxygen sensor technology. They are able to offer a broad range of applications including cars, light trucks and motorcycles.

MTE-Thomson have had a strong presence in Europe since 2002 and are continually expanding their range. They manufacture and offer Zirconia, Titania, Planar and Wide Band direct fit sensors. They can also provide universal sensors.



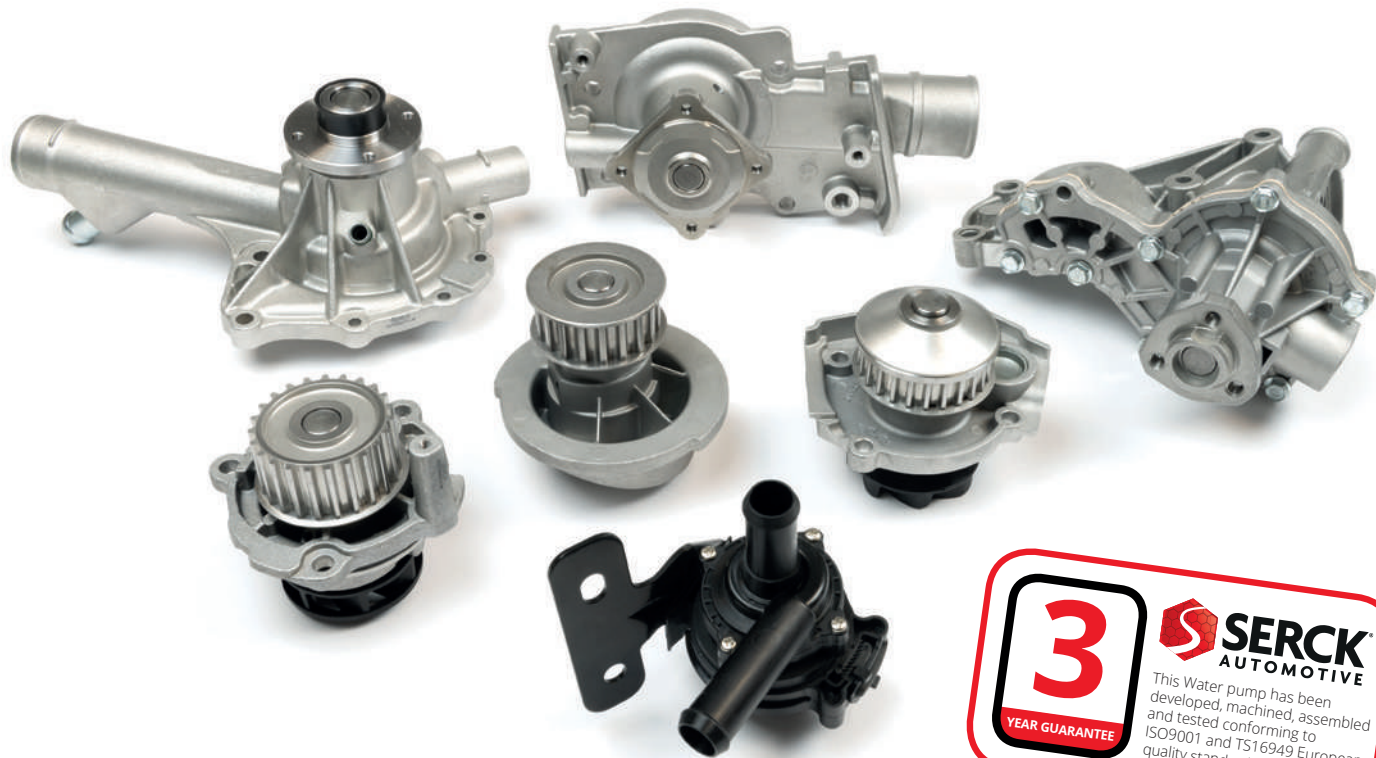
The oxygen sensor is critical for the control of the air/fuel (stoichiometric) ratio, making it possible for the vehicle to comply with the emissions standards set by European law.

Customers' individual packaging requirements can be accommodated if required within this programme.

Key Features

- OE manufacture
- All 4 types of technology offered
- Local stock profile to meet specific needs
- Constant application updates
- Flexible packaging





Water Pumps

Serck Automotive water pumps are at the forefront of the quality aftermarket. We are so confident in the quality of the product, each pump bears our brand name utilising permanent ink-jet marking and is covered by our market leading 3 Year comprehensive guarantee. Our range covers over 90% of the UK market and we hold comprehensive stocks in our Tamworth warehouse.



Our inbuilt quality is designed to offer an unrivalled level of confidence in the product. Every water pump is subjected to hydro/pneumatic pressure testing before leaving the factory, meeting the ISO 9001/TS16949 automotive production standard. This process replicates the actual operating conditions of the pump. Every component has its own unique technical specification and long service life grease is built into every bearing assembly. Testing procedures exceed stringent OE specifications.

To compliment the high quality of our product, every water pump is supplied with all of the necessary new seals and gaskets. In addition to our unique durable packaging which ensures efficient storage and component protection, a set of fitting instructions and a 3 Year guarantee card are also included in every box.



Key Features

- 3 Year comprehensive guarantee
- Over 90% market coverage
- 100% pressure testing
- Manufactured to ISO 9001/TS16949 automotive production standard
- Supplied with all necessary new seals and gaskets
- Fitting instructions included



Oil Coolers

Serck Automotive oil coolers play a vital part in keeping engine oil temperatures down and pressures up. Designed for use in cars, motorcycles and a variety of heavy industrial uses.

Oil in engines performs two functions, lubricating and cooling. Most lubrication systems are designed for normal use but when unusual/heavy demands are in operation e.g. rallying, then oil can heat up above safe limits.

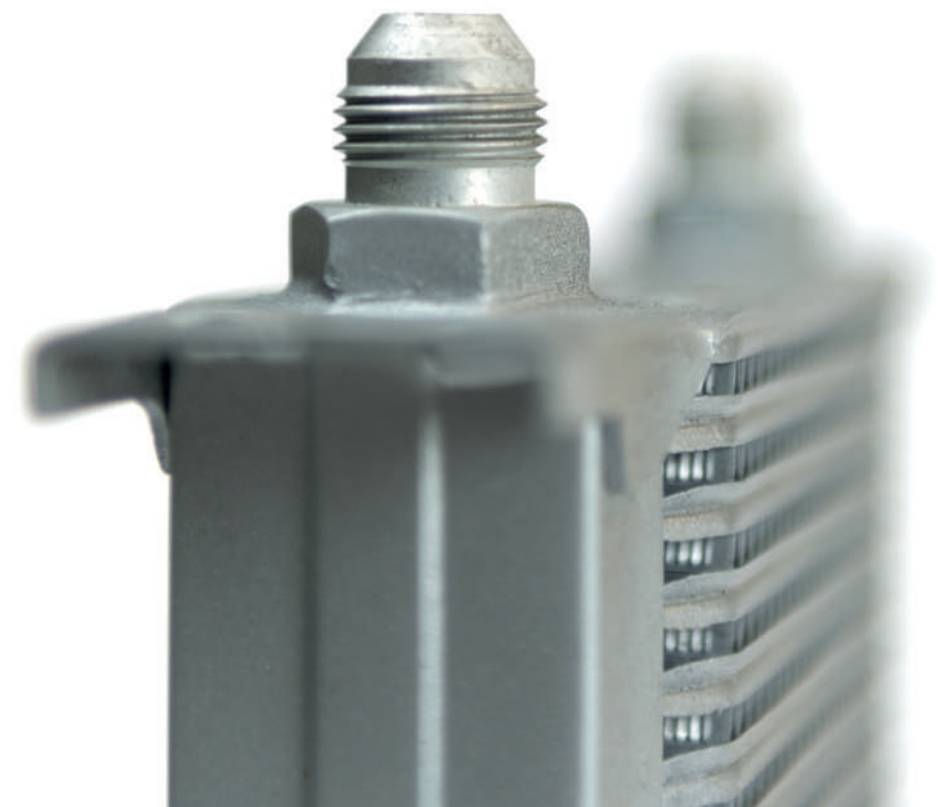
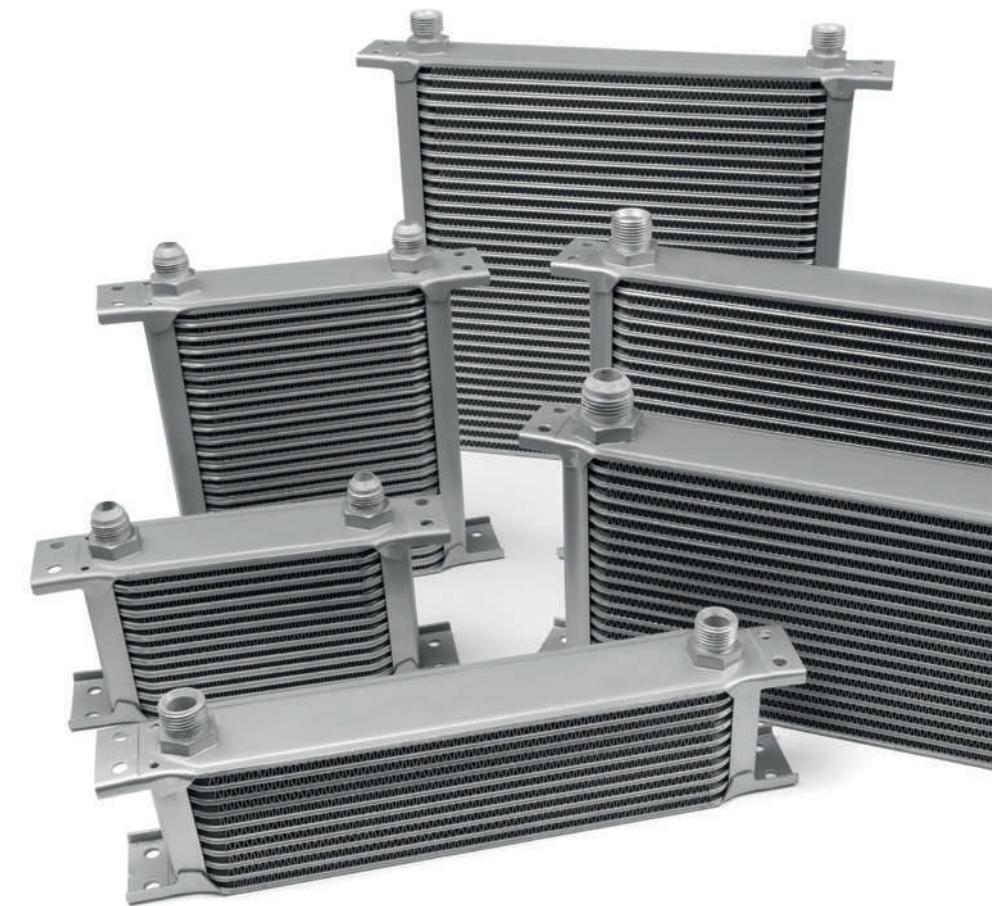
All Serck Automotive oil coolers are made of aluminium and can be used for cooling engine oil, automatic transmission oil, hydraulic oil or any other fluid which is not corrosive to aluminium.

All components are vigorously tested under the most stringent of operating conditions.

Available in both 115mm and 235mm matrix.

Key Features

- All aluminium
- Lightweight
- High performance
- Highly efficient





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"What's special to some is standard to us"