

IVOR SEARLE INTRODUCES PROFESSIONAL DPF CLEANING SERVICE

Ivor Searle, a leading UK remanufacturer of automotive products, has introduced a professional Diesel Particulate Filter (DPF) cleaning service for cars and light commercial vehicles.

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he new service expands Ivor Searle's existing portfolio of remanufactured engines, gearboxes, cylinder heads and turbochargers and aims to provide customers with a single source of supply for high-quality automotive products.

Flash Cleaning technology

Utilising state-of-the-art Flash Cleaning technology, the environmentally-friendly water-based process delivers as-new levels of cleanliness by removing all soot deposits, including PM10 particles, cerium oxide deposits and oil residues, from the DPF. Analysis by Umicore, one of the world's foremost automotive DPF and catalyst manufacturers, has confirmed that there are no remarkable differences between a DPF cleaned using the same technology employed by Ivor Searle and installing a brand new unit.

What is a DPF?

A Diesel Particulate Filter (DPF) is designed to reduce the soot emissions from a vehicle's exhaust systems by up to 80%. The introduction of Euro 5 emissions legislation saw





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DPF technology became mandatory for all diesel vehicle type approvals from September 2011 and new cars from January 2013. As a result, MoT testing stations have had to check for a DPF in the inspection of the exhaust system as part of the MoT test since February 2014.

Why do DPFs get blocked?

DPFs work by trapping bits of soot from incomplete combustion in the exhaust system. The DPF is structured like a series of honeycomb filters that prevent the soot passing all the way through the filter into the atmosphere to reduce emissions. Unfortunately, DPF blockages have become common, especially in vehicles used for short runs and in urban driving cycles. In this instance, the stop and go driving pattern can create soot loading, which can build up in the DPF due to the vehicle's ECU being unable to make the necessary small adjustments to the fuel injection timing to increase exhaust temperature and initiate regeneration for soot removal.

DPFs are designed to effectively self-clean in a process called regeneration where the soot is burnt off the filter at a high temperature, typically when a vehicle is travelling consistently at moderate to high engine speed. However, if a vehicle is frequently used to travel short distances the vehicle is unlikely to produce the exhaust temperatures required to enable regeneration to take place, resulting in excessive soot build up and a drastic reduction in vehicle performance.

Fast turnaround and peace of mind

Ivor Searle's fast turnaround professional DPF cleaning service offers independent workshops operating in today's price-sensitive market competitive advantage by offering a low-cost alternative to component replacement. To guarantee peace of mind, all Ivor Searle professionally refurbished DPFs are provided with a detailed inspection report and are covered by a no quibble 12-month unlimited mileage warranty.

For more information: **01353 720531**
or www.ivorsearle.co.uk



The economic advantage of remanufactured automotive products

Save up to 40%

Ivor Searle is also encouraging workshops to consider the economic advantages of remanufactured products when they are sourcing major replacement parts for maintenance and repair work. Costing up to 40% less than OE, Ivor Searle's remanufactured engines, cylinder heads, gearboxes and turbochargers enable independent garages to compete in today's highly price-sensitive market without compromising on quality, warranty protection or customer service.

Quality is key

Although it is more economical to source a remanufactured product, it's important to remember that quality is a key factor when choosing a supplier, as the process of remanufacturing an engine or component back to OEM standard is highly complex and demands significant investment, in-depth technical expertise and rigorous inspection procedures. In order to achieve this, all remanufactured Ivor Searle engines are built to exceed the BS AU257:2002 Code of Practice which sets out the difference between a high quality remanufactured engine to an inferior reconditioned, refurbished, or rebuilt engine. Only brand-new replacement parts sourced for their reliability and durability are used in the remanufacturing process. Ivor Searle also applies the same quality-focussed approach from over 70 years of engine remanufacturing expertise when it comes to cylinder heads, gearboxes and turbochargers which are remanufactured under a quality management system certified to ISO 9001:2015.

All makes programme

The company offers an extensive all makes programme of remanufactured products for petrol and diesel cars and light commercial vehicles, with new applications being constantly added. For peace of mind, all Ivor Searle engines, cylinder heads and gearboxes are covered by a transferable 12-month unlimited mileage parts and labour warranty, while a two-year warranty covers all turbochargers. All products are also supplied with pre-installation guidelines for the workshop and model-specific instructions where required.



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