

Think Remanufactured Products

Ivor Searle

Leon Thomas May 18, 2018 Comments Closed 0 likes

Key differences between remanufactured and reconditioned parts explained

Commercial director David Eszenyi examines the difference between remanufactured and reconditioned products



David Eszenyi, commercial director Ivor Searle.

Ivor Searle's remanufactured engines, cylinder heads, gearboxes and turbochargers cost up to 40 per cent less than OE.

As a result, garages can gain competitive advantage without compromising on quality, warranty protection or service in terms of logistics and technical support.

Although it's more economical to source a remanufactured product, quality and adherence to industry standards are key factors to be considered, so it's important for workshops to understand the key differences between remanufactured products and reconditioned or refurbished items.

The complex process of remanufacturing an engine or component back to OEM standard requires significant investment in skills and capital equipment, let alone technical expertise and rigorous inspection procedures.

All remanufactured Ivor Searle engines are built to exceed the BS AU257:2002 Code of Practice.

This crucial standard sets out the difference between a high quality remanufactured engine and a reconditioned unit.



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"A remanufactured engine is one which has been returned to the manufacturer's specification, thereby achieving levels of performance and reliability equivalent to the original engine," commented commercial director David Eszenyi.

"The standard fully details how petrol and diesel engines should be inspected and checked against OEM tolerances.

"BS AU257:2002 also dictates that key components, including piston assemblies, big and small end bearings, as well as bushes, gaskets, seals, timing chains and drive belts are completely renewed."

Important additional operations, such as crack testing and machining components, are undertaken to ensure original performance is achieved with reliability.

In addition to having all key clearances and tolerances inspected during assembly, Ivor Searle also fully tests and inspects all engines as the final stage of the remanufacturing process.

Recognising the difference

"A reconditioned engine has been stripped or disassembled and cleaned and may have had some damaged components replaced," David continued.

"Put simply, reconditioning is an entirely subjective process that offers little or no reassurance to the customer in terms of longevity, warranty protection or performance to OEM standards.

"Compare this to the remanufacturing process which aims to return a product to at least its original specification and performance with a warranty that is equivalent or better than that of its brand-new equivalent.

"At Ivor Searle, all our engines have a 12-month, unlimited mileage guarantee and each has a unique serial number.

"Once shipped, we rarely see one back, which is testament to over 70 years of experience and superior technical expertise."

Finally, it's also important to remember the 'green' aspect of remanufacturing and the contribution it makes to protecting the environment.

Typically, a remanufactured engine from Ivor Searle will save 55kg in core metal with 85 per cent of an engine's original components returned to OEM specification.

Remanufacturing also uses around 85 per cent less energy than manufacturing at the other end of the cycle and ultimately reduces the quantity of landfill and the associated energy needed for disposal.

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