

Remanufactured Cat[®] Engines and Components





Add remanufactured power to your business

The heart of every piece of equipment is the engine. A dependable engine ensures productivity and minimizes owning and operating costs. Cat Reman engines meet the same performance specifications as new engines. All blocks are tested for consistent quality and long life. The performance of each assembled engine is tested, proven and recorded on the dynamometer before shipping.





Generating power from landfill waste with Cat Reman

Landfills are more than a means to dispose of waste. They're also a means for powering the future.



In China's Tianzliling landfill, Hangzhou Environment Group uses eight Cat G3516LE landfill gas generator sets—two of them since 1988—to generate 180,000 kWh of electricity, enough for 8,000 families, from landfill gas and biogas instead of coal.

Unfortunately the fuel is corrosive, requiring top-end overhauls every 8,000 to 10,000 hours. To reduce operating costs and speed maintenance, technicians from Lei Shing Hong Machinery, the local Cat dealer, count on Cat Reman G3516LE cylinder heads, cylinder packs, oil-coolers, oil pumps and water pumps. Thanks to readily available parts, they have also reduced the time it takes to complete an overhaul from 10 days to five days.

The result: incremental revenues from selling electricity to the grid, reduced greenhouse gas emissions and the power of 80 tons of coal, without the coal.

Install confidence with remanufactured components

Remanufacturing is more than cleaning and reassembling. It's evaluating every aspect of a component.

- Alternators get new gaskets, seals, o-rings, bearings and boots for reliability
- Crankshafts are 100% magnafluxed to detect cracks. Crankshaft journals are machined to the same surface finish, roundness, and location tolerance of new crankshafts to extend service life.
- Blocks and cylinder heads are metal sprayed for same-as-new durability
- Turbochargers get new thrust and anti-friction bearings for long life
- Water and oil pumps are updated to the latest design standards for outstanding performance

We're all about the parts—and helping our customers get the most from them.





Off-the-shelf availability

When you are in the market for repair parts, we will let you know all your repair and maintenance parts options: from new to used. If Reman parts are available and appropriate for your application, you can get them immediately and get back to work--quickly, affordably and reliably.

One more way to access genuine Cat quality—from the company that designed, built and supported your equipment in the first place.

More parts and engines join the Cat Reman family every year. **For the latest availability, visit your local Cat dealer or www.parts.cat.com.**

BUILT FOR IT.™



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