



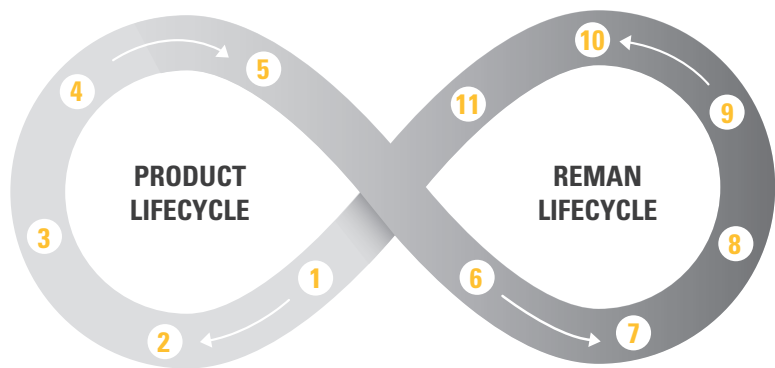
REPAIR OPTIONS

REMAN

CAT REMAN

Remanufacturing is not reconditioning or rebuilding the existing part. It is returning end-of-service-life products to their original performance specifications and latest engineering changes through the use of state-of-the-art salvage techniques, strict reuse guidelines, advanced manufacturing systems and unequalled quality control. Restoring to original performance is possible since Cat engines and components are built to be remanufactured for a second life.

CAT® REMAN PARTS ARE 45-75% OF THE COST OF NEW PARTS



PRODUCT LIFECYCLE

- 1 PRODUCT BEGINS LIFECYCLE
- 2 PERFORMS
- 3 REGULARLY MAINTAINED
- 4 MATURES
- 5 REPLACED BEFORE FAILURE

REMAN LIFECYCLE

- 6 CORE RETURNED TO CAT
- 7 CLEANED
- 8 SALVAGED
- 9 REMANUFACTURED
- 10 TESTED
- 11 RE-ENTERS SUPPLY CHAIN

THE CAT REMAN DIFFERENCE

- » Remanufactured parts provide a very cost-competitive solution
- » Same-as-new performance
- » Latest engineering advancements
- » Same-as-new warranty from Caterpillar Inc.
- » Lower repair and overhaul costs compared to new
- » Reduced downtime for overhaul and repairs
- » Off-the-shelf product availability

SAME AS NEW WITH THE LATEST TECHNOLOGY

Cat Reman engineers incorporate technology upgrades to Reman parts to improve original design specs.

All returning cores are disassembled into their piece parts and are either scrapped and recycled or salvaged to Caterpillar's proprietary engineering specifications.

REMAN PARTS & COMPONENTS OPTIONS

DEALER REPAIR BEFORE FAILURE	DEALER EXCHANGE	DEALER REBUILDS	REMAN
Reman Components	Reman Components, Reman Assemblies	Reman Components, Reman Assemblies	Reman Assemblies

CONSIDERATIONS & REPAIR OPTIONS

GOOD FOR CUSTOMERS

Cat remanufactured parts and components provide same-as-new performance and reliability at fraction-of-new costs—while reducing the impact on the environment. And over-the-counter availability gives customers more options at repair and overhaul time. The results are maximum productivity and lower owning and operating costs.

GOOD FOR BUSINESS

The remanufacturing program is based on an exchange system where customers return a used component (core) in return for our remanufactured products. Reman options are one more way we support our customers and help lower owning and operating costs.

GOOD FOR THE ENVIRONMENT

Cat Reman makes sustainable progress possible every day by reducing waste, lowering greenhouse gas emissions and minimizing the need for raw materials to produce new parts.

Over the last 10 years our global remanufacturing facilities have returned more than 500,000 tons of end-of-service-life materials to productive use. Through remanufacturing, we make one of the greatest contributions to sustainable development - keeping renewable resources in circulation for multiple lives.

MORE THAN **500,000 TONS** OF END-OF-SERVICE-LIFE MATERIALS HAVE BEEN RETURNED TO PRODUCTIVE USE



CHOOSE THE BEST OPTION FOR YOUR REPAIR

Reman would be an excellent solution for a customer that needs a component in the shortest turnaround time and is an affordable option with longer ownership and higher utilization. Every repair starts with four key questions:



OWNERSHIP

How long do you plan to own the machine?



UTILIZATION

How much/often do you use the machine?



AFFORDABILITY

What is your expectation with regard to price?



TURNAROUND

How quickly does your machine need to get back to work?

	NEW & REMAN COMPONENTS		NEW & REMAN COMPONENTS, NEW & REMAN ASSEMBLIES		
	REBEARING/RESEAL	REBEARING/RESEAL PLUS COMPONENT	DEALER REBUILD/ EXCHANGE	REMAN ASSEMBLIES	NEW ASSEMBLIES
OWNERSHIP	< 2 years		> 2 years		
UTILIZATION	< 1000 hours		> 1000 hours		
AFFORDABILITY	< 50% of new		> 50% of new		
TURNAROUND	Flexible		Urgent		

GUARANTEED TO LAST

Genuine Cat new and Reman parts are backed by our **12-MONTH WARRANTY**, so you can feel confident selecting a repair option through your Cat dealer.

Additionally, if one of the genuine Cat new or Reman parts used in your repair is proven to be defective and the cause of any resultant damage, not only would the Cat new or Reman part be replaced, but any resultant damage to other Cat parts would also be covered. Competitors typically only warranty the part they replace regardless of whether or not the part has caused resultant damage.

**CONTACT YOUR CAT DEALER
TO DISCUSS A RANGE OF SOLUTIONS
THAT CAN BE TAILORED TO MEET
YOUR NEEDS.**

