

# Cummins ReCon<sup>®</sup>



Remanufacturing of  
engines and parts







# What is Cummins ReCon?

## ReCon parts

ReCon parts originated from a Cummins engine and have gone through disassembly, inspection, cleaning, calibration and testing to ensure they meet the same specifications as new Cummins parts. Cummins ReCon parts are then offered for individual sale or used to build Cummins ReCon engines. Cummins ReCon parts are an alternative to new Cummins parts and are offered at a lower price with warranty coverage included.

## ReCon engines

A Cummins ReCon engine is an engine that has been completely disassembled, inspected, cleaned, tested, painted and brought back to “like new” condition in a Cummins remanufacturing facility. These newly built engines come with the latest ReCon or new parts, warranty and have zero hours/miles.

Cummins ReCon engines are oftentimes in stock or ordered for quick turnaround time at your local Cummins distributor or authorized Cummins dealer location.

## REMANUFACTURING BENEFITS YOU AND THE ENVIRONMENT

New Cummins engines are also built with remanufacturing in mind, enabling them to have a long and increasingly fuel-efficient life. Up to 85 percent of an engine can be remanufactured, and Cummins engines are built to be remanufactured multiple times. Remanufacturing also requires far less energy and natural resources to extend life than to build new products. Additionally, remanufacturing helps Cummins deliver on its sustainability goal known as Destination Zero, which is to reach net-zero emissions by 2050.

# Why buy ReCon?



**LOWER COST OPTION THAN  
BUYING NEW**



**BACKED BY A CUMMINS  
WARRANTY WITH EXTENDED  
COVERAGE OPTIONS**



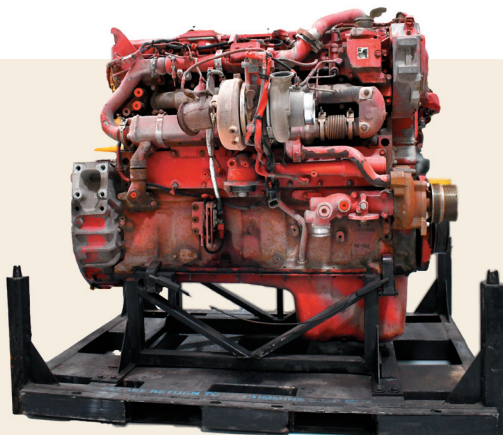
**INCLUDES THE LATEST  
ENGINEERING UPDATES  
AND IMPROVEMENTS**



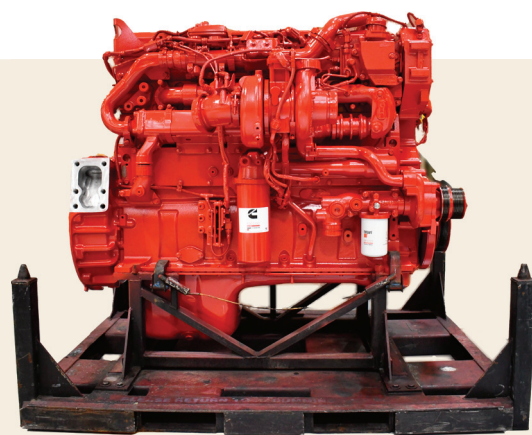
**TIME SENSITIVE – YOU NEED  
AN ENGINE FAST**



**PERFORMANCE, DURABILITY AND  
RELIABILITY ARE SIMILAR TO NEW  
ENGINES AND PARTS**



Before



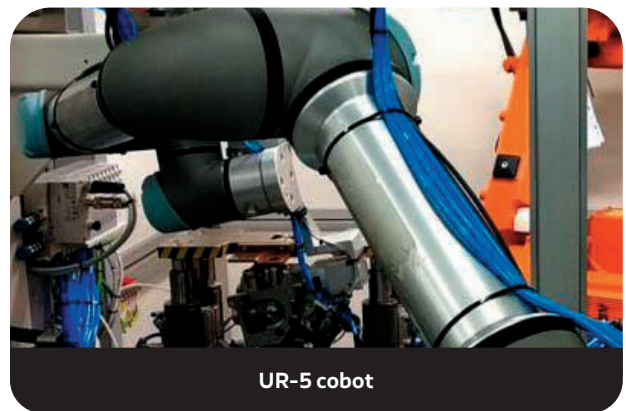
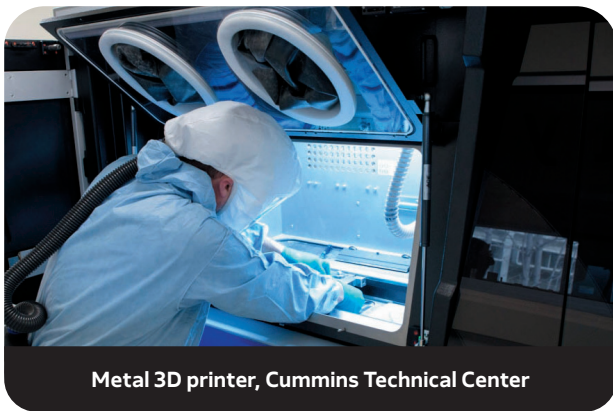
After



# Remanufacturing process

Genuine value begins with the Cummins remanufacturing process. Unlike an engine shop that repairs or rebuilds engines by replacing parts that are obviously broken or malfunctioning, Cummins remanufacturing follows a rigorous process that ensures that every part is examined, cleaned and tested to meet specifications. If an upgrade has been made to the original design, this update will also be added as the engine or part is remanufactured.

Cummins has been perfecting its remanufacturing process for decades. New tools and processes have been added, including additive manufacturing (also called 3D printing), collaborative robots (also known as “cobots,” which are robots intended to physically interact with humans in a shared workspace), laser cleaning, and more. These innovations serve as an opportunity to maximize remanufacturing efficiency while also creating a safer workplace for our employees.





**THE FOLLOWING STEPS DESCRIBE THE MEASURES CUMMINS TAKES TO REMANUFACTURE ITS ENGINES AND PARTS, CREATING A PRODUCT THAT IS COMPARABLE TO A NEW CUMMINS PRODUCT.**

## **DISASSEMBLY**

Engines and parts are completely disassembled with great care to protect and prepare key components for processing – right down to the last screw, nut, bolt and spring.

## **CLEANING**

Each part is carefully cleaned using the latest technology to remove debris without removing any metal, including the use of dry ice, enzymes and lasers for specialized cleaning needs.

## **INSPECTION**

The latest technology, including ultrasonic inspection, is just one of the many methods used to verify that every ReCon product meets original factory specifications.

## **RESTORATION**

- Worn surfaces are restored with thermal spray and laser deposition
- Computer-controlled lathes and machining centers renew critical components
- If a part doesn't meet specifications, it is scrapped and replaced with a new Genuine Cummins part
- Any upgrades or supersessions since the original part was made will be included as part of the Cummins remanufacturing process
- State-of-the-art techniques are used to achieve consistent quality in assembly

## **TESTING**

Validation testing using fail-safe processes verifies that the performance and reliability of each ReCon engine and part meet Cummins standards.

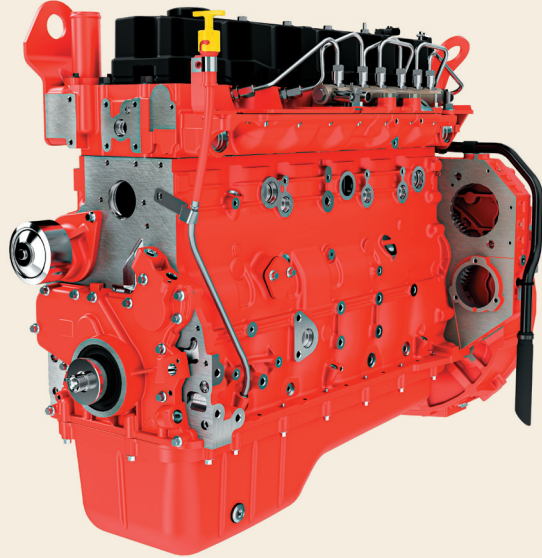
## ReCon engines and blocks

Many Cummins engines made over the past 15 years are available as cylinder blocks, short blocks and long blocks, as well as complete engines. So you pay for only what you need – and you get nothing less. Swapping out for a complete ReCon engine\* is a great solution when you're crunched for time; you'll be back in operation in a day or two.

Short blocks include the cylinder block, crankshaft and camshaft, cylinder liners, connecting rods and pistons. Long blocks include all of this, as well as the cylinder heads.

Many Cummins ReCon engines and blocks are stocked locally through our extensive service network. Contact your local Cummins – authorized dealer or distributor for the specific model and year that you need.

\*Eligible Cummins ReCon engines: Cummins currently offers ReCon engines for 19 liter engines and below.



## ReCon parts

Sometimes all you need is to replace a specific part that has worn out over time. With an engine that lasts as long as a Cummins engine, you might eventually have to replace accessories such as an injector, oil pump, water pump or vacuum pump, turbocharger or air compressor. Each of these parts and more are available as ReCon and meet the same specifications as new Cummins parts. Cummins ReCon parts are remanufactured using strict quality-control measures, so you can be assured of long-lasting performance and a reduction in costly downtime.

A large selection of ReCon parts is available at authorized Cummins dealers and distributors. Additional parts can be rapidly located through our global logistics network. Just visit your local Cummins dealer or distributor to order your replacement part.





# Cummins core acceptance policy – no surprises

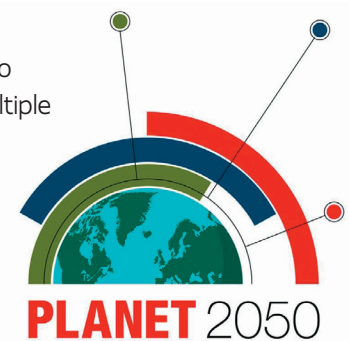
A great benefit of Cummins remanufacturing is that you can get money back in exchange for your worn-out engine or part. Any Cummins-authorized repair facility worldwide will accept your old part,

perform a simple external visual inspection and give you immediate credit toward its replacement. The part just needs to be in off-engine condition to qualify for core acceptance and reimbursement.

## Cummins environmental stewardship

Remanufacturing also plays a key role in meeting Cummins' Planet 2050 sustainability strategy and net-zero emissions. While this strategy aims to meet targets by 2050, it also includes incremental 2030 goals. One of the 2030 goals is to create a circular life cycle plan for every part to use less, use better, and use again. The lifecycle plan for parts considers the reduction of remanufacturing waste, designing

high-value components to have sufficient life for multiple use cycles, and planning for material recycling – all of which are top initiatives within global remanufacturing.



**85 percent less energy is required to produce a remanufactured engine**



**400 million pounds of Greenhouse Gases (GHG) are avoided**



**70 million pounds of material is reclaimed**



**67 percent of parts sales of common assemblies, such as turbos, fuel systems, pumps, etc. are remanufactured**



# We have you covered

With 3,700+ service locations and 7,600+ dealer locations across the globe, Cummins has you covered.

Find a Sales and Service Location: [cummins.com/locations](https://cummins.com/locations).

## A better warranty that travels well

Cummins ReCon warranty is comprehensive, assuring peace of mind and complete financial protection for your engine, parts and components. Cummins stands behind the quality of its products by offering factory-backed ReCon Extended Warranty Programs. Cummins' Extended Warranty Program picks up where your standard factory warranty leaves off – allowing you to extend that industry-leading peace-of-mind protection.



Cummins Inc.  
Box 3005  
Columbus, IN 47202-3005  
U.S.A.

[cummins.com](https://cummins.com)

Bulletin 2878822 Produced in U.S.A. Rev. 11/24  
©2024 Cummins Inc.