



Providing a new lease of life

# Reconditioned Engines

## Why recondition an engine?

Reconditioned engines offer the perfect solution for circumstances when a model becomes obsolete or when the existing engine has failed but is the ideal fit for an application.

With the same standards and specifications as new, reconditioned engines undergo complete repair or replacement of all component parts meaning they are essentially new engines. Fully tested, they come with 12-month warranty.

Choosing to recondition your engine also supports the circular economy.



Reconditioned CAT 3412.

## Why choose reconditioning over new?

### Cost savings

Reconditioned engines cost less than brand new engines.

### Environmental savings

Reconditioned engines have sustainability benefits as they are essentially reused and any components that cannot be reconditioned are recycled for their raw materials.

### Longevity

With reconditioning undertaken by our manufacturer-trained engineers, extensive testing and 12 months/ unlimited hours warranty, you have complete peace-of-mind and long-term security and performance of your machine.



**All brands and  
applications  
covered**



**Manufacturer-  
trained engineers**



**Four decades  
experience**

**POWER SOLUTIONS FOR A CHANGING WORLD**

Tel +44 (0)1493 441383 Email [info@priorpower.com](mailto:info@priorpower.com) Web [www.priorpower.com](http://www.priorpower.com)

## Reconditioned Engines

### Trusted process for assured quality and performance

Out of situ, engines are taken to our extensive facilities where they are first stripped and cleaned in our state-of-the-art rotary parts washer. After a full visual and dimensional inspection, customers are provided with an in-depth strip report.

Engines are then rebuilt in accordance with manufacturer's publications and specifications by our manufacturer-trained engineers. Genuine components are used as standard and where replacement components are obsolete, new parts are reverse engineered.

On completion, engines go through break-in and pass-off testing in our dyno test facility on site. Test data is reviewed to ensure the engine is performing in accordance with manufacturer specifications. Prior to final quality assurance sign off, the engine is painted in house to customer requirements.

#### Our standard\* reconditioned engines include:

	Reconditioned	New Replacement
Engine block	✓	
Crankshaft	✓	
Crankshaft bearings		✓
Camshaft	✓	
Camshaft bearing		✓
Connecting rods	✓	
Connecting rod bearings		✓
Pistons (complete with rings, pin, and clip)		✓
Cylinder liners		✓
Fuel injection pump	✓	
Fuel injectors	✓	✓
Cylinder head	✓	
Valve train components (tappets, push-rods, valve lifters, timing chain, rocker arms and tubes)	✓	
Full gasket set		✓
Oil pump		✓
Oil cooler		✓
Water pump	✓	✓
Turbocharger	✓	
Vibration dampener		✓
Filtration		✓

✓ *Dependant on make*

*\* Engine reconditioning can be tailored to customer requirements with additional new replacements to our standard process in place of reconditioned.*

#### Reconditioned Engines



*CAT D349 before.*



*CAT D349 after.*

#### Reverse Engineering



*Before and after.*

## POWER SOLUTIONS FOR A CHANGING WORLD

Tel +44 (0)1493 441383 Email [parts@priorpower.com](mailto:parts@priorpower.com) Web [www.priorpower.com](http://www.priorpower.com)