



# POWER TO RENEW

AGCO Power  
**REMAN**

Factory remanufactured  
engines



# Cut costs Cut downtime Cut carbon footprint

An AGCO Power REMAN remanufactured engine helps you extend your machine lifetime, minimize downtime and cut carbon emissions as well as lifetime costs.

Up to

**60%**

cheaper than a  
new spare engine

**70%**

smaller carbon footprint  
compared to new engine

**>100%**

Increase in REMAN  
demand since 2010

## The AGCO Power REMAN advantages

**Complete strip-down and rebuild** – while some manufacturers replace only worn parts, AGCO Power REMAN replaces all parts that face abrasive or fatigue wear.

**Made by proud professionals** – the same mechanic does the entire engine from strip-down to rebuild. Long experience and attention to detail guarantee immaculate results.

**Original parts inventory** – with a complete set of original new parts and all the latest engine lifetime upgrades, there are no compromises in quality.

**Inspected and tested** – when the same professional dismantles and rebuilds the engine, any defects will be noticed. Thorough testing makes sure the engine meets or exceeds original specifications.

## As good as new

Factory remanufactured with original parts, tools and all the latest upgrades, the AGCO Power REMAN engines and powertrain components are as good as new - or even better.

## New life for your machine

A tractor, forklift, straddle carrier or ferryboat - whatever your application, AGCO Power REMAN gives your machine a cost-effective new lease of life. Quickly and sustainably.

## Save in many ways

A factory remanufactured engine up to 60% cheaper than an equal new spare engine. The exchange system minimizes downtime - old engine out, remanufactured engine in. Additionally, often quicker than on-site repair.

# Three scopes of REMAN



## SHORT BLOCK

- Cylinder block
- Cylinder liners
- Pistons + conrods
- Crankshaft
- Bearings
- Oil pressure relief valve



## LONG BLOCK

In addition to short block:

- Camshaft + valve tappets
- Complete cylinder head
- Valve mechanism
- Timing gear housing
- Timing gears
- Crankshaft pulley / vibration damper
- Oil pump
- Counterbalance unit (4-cyl. engines)
- Some long block specifications include gaskets for final assembly



## COMPLETE ENGINE

- Assembled according to serial production specification, which can be defined based on engine serial number
- Hot tested

# Technical information

Main components	Complete REMAN engine	REMAN long block	REMAN short block
Cylinder block	■	■	■
Crankshaft	■	■	■
Conrods	■	■	■
Pistons + liners	■	■	■
Bearings	■	■	■
Oil pressure relief valve	■	■	■
Camshaft + tappets	■	■	
Timing gear housing	■	■	
Timing gears	■	■	
Cylinder head assembly	■	■	
Rocker arm assembly + valve mechanism	■	■	
Crankshaft pulley / vibration damper	■	■	
Counterbalance unit (4-cyl. engines)	■	■	
Oil pump	■	■	
Fuel injection system (injection/high pressure pump, piping, injectors and filtering)	■		
Turbo/cooler according to specification	■		
Electric system according to specification (e.g. rotating electrics)	■		
Intake/exhaust manifolds	■		
Valve cover assembly	■		
Oil cooler	■		
Oil sump + suction pipe	■		
Oil filter	■		
Coolant pump	■		
Flywheel + flywheel housing	■		
Test run, hot	■		
Painting	■	■	■

## Most essential benefits when choosing factory remanufactured engine:

- Remanufacturing made by original manufacturer
- Process is following the same quality/environmental standards as OEM-procedures
- Only genuine OEM Parts are used
- All engines are built and inspected carefully part by part, carried out by highly skilled professionals
- Testing of complete engines is made according to same parameters than for new engines and results are recorded
- Manufacturing time is fast and adaptable > downtime can be minimized
- Competitive pricing:
  - Total cost is known in advance, typically cheaper than local repair
  - Price includes testing, which only original manufacturer can offer
  - Credit for repairable old engine
- Warranty period / terms same as with new engine

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