

CAT[®] REPAIR OPTIONS

NO TIME FOR ADVENTURES –
TRUST YOUR MAIN & AUX.
ENGINES

C18 / 3500 MARINE

LET'S DO THE WORK.™

ZEPPELIN
Power Systems



CAT REPAIR OPTIONS

YOUR CHOICE

**MORE HOURS. HIGHER PRODUCTIVITY.
LOWER COSTS.**

Cat® engine parts are built tough to provide maximum durability and extended life and are designed for multiple overhauls. Properly maintained engine components can help to prevent severe and expensive damage, which has a direct impact on your productivity and operating costs.

Take advantage of further optimization potential: Just combine Cat Repair Options with condition monitoring solutions and oil diagnosis fluid analysis.

ZEPPELIN POWER SYSTEMS OFFERS A RANGE OF REPAIR SOLUTIONS FOR YOUR C18 AND 3500 – TAILORED TO THE SPECIFIC OPERATING CONDITIONS:

OPTION 1 REPAIR OPTION TOP END

This option includes the replacement of all stressed engine parts in the upper engine area in order to prevent failure or further damage to other components due to faulty operation at an early stage. The replacement includes components such as cylinder heads, injectors, cartridges, cooler and sealing materials. These components are shown in yellow in the upper illustration on the right.

OPTION 2 REPAIR OPTION MAJOR

In order to optimize the durability of your engine, this option renews all stressed components throughout the engine. In addition to the components of option 1, bearings, thermostats, oil pump and cooler as well as cooling water and fuel transfer pumps will also be replaced. These additional components are shown in red in the lower illustration.

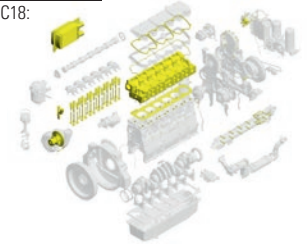
CAT REPAIR OPTIONS

INCLUDE:

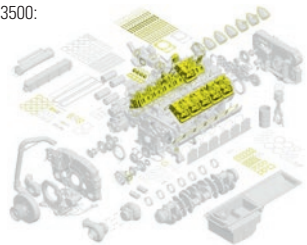
OPTION 1 – OVERVIEW

Cylinder heads
Injectors
Turbocharger cartridge
Checking & cleaning of intercooler, replacement if required
Cooling water thermostat
Fuel pressure valves
Condensate valves
Incl. all sealing material

C18:



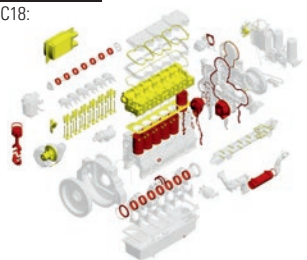
3500:



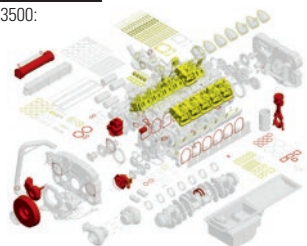
OPTION 2 – OVERVIEW

Cylinder heads
Injectors
Turbocharger cartridge
Checking & cleaning of intercooler, replacement if required
Fuel pressure valves
Condensate valves
Cylinder units and bearings
Main bearing
Thermostats
Oil pump*
Oil cooler*
Cooling water pump*
Fuel transfer pump
Incl. all sealing material

C18:



3500:



* optional

ADVANTAGES OF CAT® REPAIR OPTIONS

- ✓ Replacement of relevant wear parts protects and extends the life of major components
- ✓ Regular maintenance allows fuel efficiency to its optimal level, reducing your operating costs
- ✓ Better overview of maintenance and repair costs
- ✓ Timely exchange of seals and shaft seals prevents leaks and allows trouble-free and environmentally friendly operation
- ✓ Timely replacement of relevant components such as seals, piston rings etc. reduce oil consumption
- ✓ Increase Uptime



GUARANTEED TO LAST

Genuine Cat new and Reman parts are backed by our 12-month warranty.

Additionally, if one of the genuine Cat new or Reman parts used in your repair is proven to be defective and goes on to cause damage, not only will the Cat new or Reman part be replaced, but any resultant damage to other Cat parts will also be covered.

ZEPPELIN POWER SYSTEMS GMBH

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