

Cat® Emissions Repower Solutions



Fewer Emissions, Same Reliable Performance

Meet state and local emissions requirements by replacing your older diesel engine with a new or remanufactured Cat® engine built to more stringent emissions regulations.

Emissions – In addition to delivering the significant NOx reductions, the Caterpillar® emissions repower solutions can help you reduce particulate matter, hydrocarbons and carbon monoxide.

Options – Solutions are available for over 70 applications across several product families.

Reliability and Performance – Emissions engines are based on proven production engine designs.

Verification – New and Cat Reman emissions engines are equipped with replacement engine labels.

Compatibility and Installation – Engines are manufactured as completely as possible to reduce installation time.

Serviceability and Maintenance – Emissions reductions are achieved through design improvements in standard diesel engine components so you don't need to change your service and maintenance routines to include additional procedures or fluids.

Warranty – All engines carry the standard parts warranty and emissions components warranty.

Caterpillar. The difference counts.™

Cat Dealers define world-class product support. We offer you the right parts and service solutions, when and where you need them.

The Cat Dealer network of highly trained experts keeps your entire fleet up and running to maximize your equipment investment.

CATERPILLAR®

Cat® Emissions Repower Solutions



Emissions

In addition to being the most widely used NOx reduction solution, emissions repowers can help you significantly reduce particulate matter, hydrocarbons, and carbon monoxide.

Options

We now offer solutions for over 70 applications within the following product families.

- Track type tractors
- Compactors
- Track type loaders
- Wheel Loaders
- Wheel Tractor Scrapers
- Off Highway Trucks
- Ag Tractors
- Motor Graders

Lower Cost Options (Reman)

Another lower-cost repower option is replacing an older diesel engine with a Cat Reman engine. Our remanufacturing program is a true recycling effort that involves removing old engines from service and recycling or repairing their parts. Then, using a high percentage of new parts, we produce a remanufactured engine that is built to obtain equivalent emissions as the more stringent Tier levels. Cat Reman engines in our repower program are built with the same configurations as new engines, including software.

Reliability and Performance

Emissions engines are based on proven production engine designs. The selected engines have specifications that are the best available match to existing engine. A systems approach is used ensuring that the entire power train maintains the intended life.

Validation

New and Cat Reman emissions engines are equipped with replacement engine labels. The label provides field value since it is a visible notification that your engine has been verified by Caterpillar to obtain emissions equivalent to the stricter EPA Tier levels.

Compatibility and Installation

Engines are manufactured as completely as possible (including the correct engine control software when applicable) to reduce installation time. Conversion kits are available for most applications. These kits include the installation parts.

Warranty

All engines carry the standard parts warranty and emissions components warranty.

Why retrofit now?

State and local emissions requirements are stricter than ever. Companies of all sizes face:

- New emissions clauses in bid specifications
- Tighter site and permit requirements
- Increased enforcement efforts

By choosing to retrofit now, you may avoid the loss of contracts due to non-adherence.

What are the key benefits?

With Caterpillar Emissions Retrofit Solutions, you can:

- Extend the life of your machine investments
- Minimize downtime
- Achieve immediate, significant emissions reductions

Best of all, you can take the lead in how you do business.



**For more information, see us today
or visit our Web site at www.cat.com**

CATERPILLAR®