



**UPGRADE YOUR 988H
REQUIRES LESS. DELIVERS MORE.**

**988H Wheel Loader
Fuel Management System Retrofit Kit Now Available**

CATERPILLAR®

“SWITCH” TO A MORE EFFICIENT SOLUTION



Continuing to lead the way in delivering top productivity and efficiency with environmental responsibility, Caterpillar has introduced a proprietary new fuel management system on the 988H Wheel Loader. With this new feature, you can save up to 15 percent on fuel costs and reduce environmental impact with minimal loss of productivity.

By lowering engine speed during all portions of the work cycle — except digging — significant fuel savings are achieved with little effect on machine performance. The Fuel Management System can be easily activated by the operator with a single in-cab switch.

Select your own savings

With the 988H fuel management system, you choose the level of fuel savings you want to achieve. By simply setting a rocker switch in the cab, you can easily accommodate changing production demands by moving between three modes of operation.

FULL POWER

(Fuel management system not engaged) This mode maintains the class-leading performance of the 988H. The engine speeds are as follows:

- In the dig mode a top rated engine speed of 1800-1900.
- Out of the dig, a maximum engine speed of 2120 rpm.

BALANCED POWER

Maximum power during the dig segment is paired with a 10 to 15 percent fuel savings. In the balanced mode, the 988H maintains the following rated engine speeds:

- In the dig mode maximum rated engine speed of 1800-1900 rpm.
- Out of the dig, the 988H is limited to 1800 rpm.

MAX FUEL SAVINGS

Select this mode for fuel savings of more than 15 percent and maximum power for digging. As with the balanced mode, the max fuel savings setting maintains an 1800-1900 engine rated speed in the dig mode. Out of the dig, for even further fuel benefits, the engine rpm is set at a top speed of 1700 rpm.

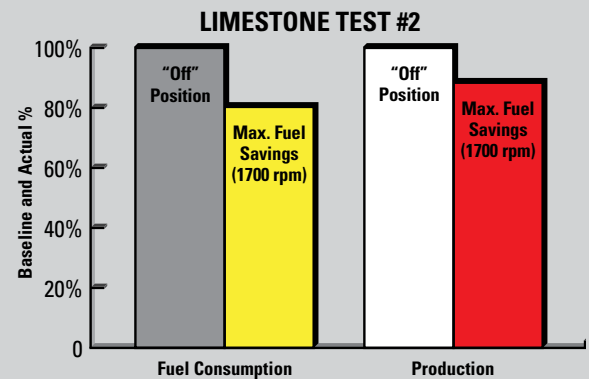
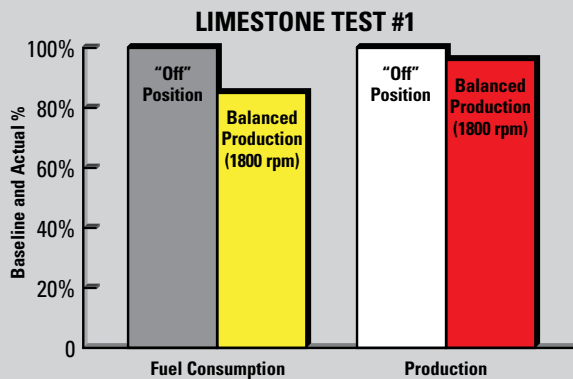




Power-up when you need it

This fuel management system is standard on all 988H wheel loaders manufactured after June 2007 and a retrofit kit is available for all 988H wheel loaders manufactured prior to June 2007. By optimizing performance and fuel burn, the 988H offers you the best of both worlds. And you never compromise on power where it really counts — in the dig cycle. During loading and dumping, the fuel management system enables the machine to automatically reduce rpm and hydraulic flow for a more balanced throttle and pump flow. This results in lower fuel consumption.

988H Fuel Management System Study



What can this mean to you?

North America

Fuel Cost = \$4.00 a gallon
 2,500 hours x 14 gal/hr = 35,000
 35,000 gal/yr
 \$4.00 a gal = \$140,000 a year in fuel

Customer Savings:

10% fuel savings = \$14,000 a year
 15% fuel savings = \$21,000 a year

Europe

Fuel Cost = 1.5 Euro a litre
 2,500 hours x 53 litres/hr = 132,500 litres a year
 132,500 litres/yr
 1.5 Euro a litre = 198,750 Euros a year in fuel

Customer Savings:

10% fuel savings = 19,875 Euros a year
 15% fuel savings = 29,815 Euros a year





Fueling a long-term change

Caterpillar is committed to helping our customers meet the challenges of rising fuel costs and environmental consciousness by engineering sustainable development solutions. The fuel management system on the 988H Wheel Loader is just one example of this commitment. By enabling you to lower fuel consumption with minimal production loss, your bottom line — and the environment — both win. And the value of your 988H Wheel Loader doesn't stop there. Like all Cat[®] equipment, it's backed by the largest, most responsive support network in the world, the Caterpillar[®] dealer network. So the same expertise that developed the advanced fuel management system stands ready to help you maintain the productivity and efficiency levels only Caterpillar can deliver.

Call your local Cat dealer or visit www.cat.com today to learn more about the 988H Wheel Loader fuel management system and other sustainable development solutions from Caterpillar.

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