

ENDURANCE

POWER PRODUCTS, INC.

(800) 467-5545

Your Heavy Duty Parts Source

October 2009

News at Endurance

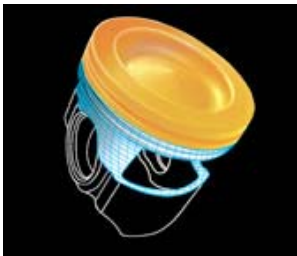
- New IPDSteel™ piston for Caterpillar® Engines
- Hyper-formance engine kits for John Deere® applications

One Piece Steel Pistons from IPD

IPD IS FIRST TO MARKET INTRODUCING ONE PIECE STEEL PISTONS FOR CATERPILLAR® 3408/3412 ENGINES.

IPD is making a major announcement in the engine rebuild market, by presenting the industry first one piece steel pistons for diesel aftermarket applications. The first release in the new IPDSteel™ piston line is for Caterpillar® 3408 & 3412 applications.

This new product is made possible by IPD's patent pending technology for manufacturing one piece steel pistons from a high alloy and heat treated steel casting. This development follows a long line of 'first to market products' for IPD, known as an innovator in many diesel and natural gas applications.



According to Mr. Bob Straw, VP of Sales and Marketing of IPD, "There is a range of practical applications for this technology in the aftermarket within Caterpillar®, and other engine brands worldwide. We have dyno-tested, laboratory tested and field tested this piston for over two years as well as successfully providing our distributors worldwide with thousands of IPDSteel™ two piece steel pistons for other applications. It has been a natural progression for IPD to a one piece piston."

Mr. Straw adds, "The availability of this first one piece steel piston in the aftermarket will help the IPD Distributor and Engine Rebuilder remain competitive and provide reduced operating costs for the equipment owner. It is more important than ever to present these types of new solutions in today's competitive landscape."

Please contact the Endurance Power sales team for more information and updates on availability of IPDSteel pistons.

We also post the latest offerings and news from our suppliers on our website:

www.endurancepower.com

Endurance Power also stocks IPD PATENTED two-piece articulated pistons and engine kits for these popular Caterpillar engines:

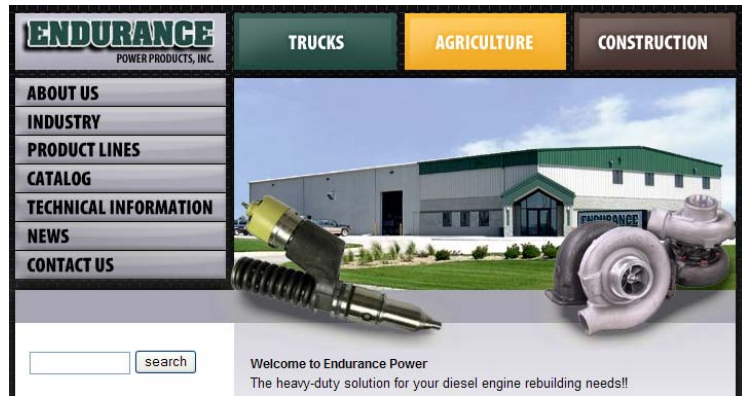
3406E / C12 / C15 / 3116 / 3126





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WE'RE ON THE WEB
 ENDURANCEPOWER.COM



Hyper-formance Overhaul Kits for John Deere® Engines

New technology for older engines

Hyper-formance Overhaul Kits offer design features found in the latest, most modern engines. They are exclusively from Reliance, and are available for the full range of John Deere 400 Series engines.

Now you can enjoy the advantages of the most current technology for your older engines. This means better starting, better performance and enhanced engine life. Hyper-formance Overhaul Kits include compression enhanced hypereutectic pistons for long life and improved engine starting.

Hypereutectic pistons have been used very successfully in racing engines and other very demanding applications. The term "Hypereutectic" refers to aluminum pistons with a silica content exceeding 12%. The result is a piston with superior wear resistance, less thermal expansion and increased thermal barrier properties. The 8.1 liter engines used in the newest 8000 Series John Deere tractors are utilizing this type of pistons.

When specifying the kit for your next 400 Series overhaul, consider your option of a Hyper-formance kit. Consider the features that contribute to long life and improved performance. Also, consider the 3-year, 5,000-hour warranty*, and your best option is a Hyper-formance Overhaul Kit.

(*Warranty: coverage against defects in material and workmanship for three years or 5000 hours, whichever occurs first. First 2 years cover parts and labor, 3rd year is parts replacement only.)

John Deere® Hyper Out-of-Frame Engine Kits			
Engine	Notes	Applications	Hyper OF Kit
4-270D	Early: esn up to 280,000	<u>Tractor:</u> 3010, 3020 tsn to 122,999	RP729
4-270D	Late: esn 280,001 & up	<u>Tractor:</u> 3020 tsn 130,000 & up	RP730
6-404D	Early: esn up to 214,999	<u>Tractor:</u> 4010, 4020 tsn to 200,999	RP731
6-404D	Mid: esn 215,000 to 335,845	<u>Tractor:</u> 4000, 4020 tsn 201,000 & up	RP732
6-404D	Late: esn 335,846 & up	<u>Tractor:</u> 4040, 4230 <u>Combine:</u> 6600 (sn 156502 & up), 7700	RP733
6-404T/A	Early: esn up to 335,845	<u>Tractor:</u> 4320, 4520 Late, 4620, 7020	RP734
6-404T/A	Late: esn 335,946 & up	<u>Tractor:</u> 4430, 4630 <u>Combine:</u> 6600 (sn 165502 & up); 7700	RP735
6-466T/A	Early: (T) esn up to 253,372; (A) esn up to 67,684	<u>Tractor:</u> 4440, 4640, 4840	RP766
6-466T/A	Late: (T) esn 253,373 & up; (A) esn 67,685 & up	<u>Tractor:</u> 4250, 4450, 4650, 4850	RP767
<u>Out-Frame kits:</u> Cylinder kits, rod & main bearings, rod bolts, complete gasket set with crankshaft seals, connecting rod bushings, cam bushing and plug			

Endurance Power stocks Reliance parts for nearly all John Deere diesel engines used in agricultural, construction, industrial, marine and power generation applications.