

January 2017

ONE-PIECE STEEL PISTON UPGRADE FOR SELECTED CATERPILLAR® C15 & 3406E ENGINES

The optional **IPDSteel®** piston upgrade is manufactured exclusively by IPD in Torrance, California (USA). This one-piece steel piston upgrade replaces the original equipment (**#1807352**) two-piece design (steel crown and aluminum skirt).

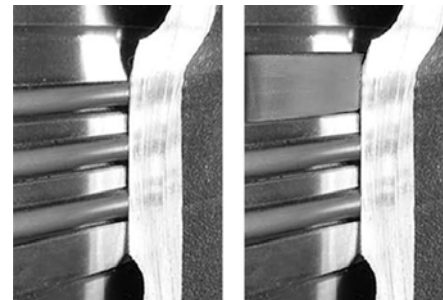


OE style 2pc vs. IPD 1pc steel upgrade

This piston upgrade is available in two engine overhaul kit configurations (in-frame and out-of-frame) along with IPD's innovative "Crevice Seal" Cylinder Liner.

Designed and engineered by IPD to address engine block wear, this exclusive cylinder liner includes a unique wedge shape upper crevice seal to reduce liner movement and o-ring failure.

The crevice seal cylinder liner wedges itself into the lower bore of the cylinder block, preventing the liner from



OE style vs. IPD crevice seal upgrade

moving as much as a standard design original style liner, thus providing much higher stability under heavy loads and peak cylinder pressures.

[CLICK HERE](#) for technical program bulletin

[CLICK HERE](#) for bulletin on crevice seal cylinder liners

[CLICK HERE](#) for press release

IPD is the aftermarket leader for Caterpillar® C-Series engine parts

NEW IPD TECHNICAL ARTICLE

IPD published a new technical article in the Q1 issue of Engine Professional magazine entitled, "**The Reuse or Replacement of Critical Fasteners**".

This article provides useful information that can help you to better understand the issues surrounding the reuse or replacement of such critical fasteners as cylinder head bolts.

[CLICK HERE](#) for article

[CLICK HERE](#) for critical fasteners list available from IPD



IPD PARTS FOR VOLVO® D12

DID YOU KNOW...IPD offers heavy-duty overhaul parts for Volvo® D12 on-highway engines. The D12 series has long been a popular engine choice for on-highway trucks. You may already be working on these engines, or considering adding these to your current repair business. IPD is ready to help you take advantage of this market opportunity.



- In-Frame Overhaul Kits
- Piston & Liner Assemblies
- Ring Sets
- Engine Bearings/Bushings (main, connecting rod, cam)
- Remanufactured Fuel Injectors
- **IPD**Style 1-2-3™ Gasket Sets (In-Frame & Cyl. Head Replacement)

NOTE: IPD also offers Volvo® D12 series engine repair parts for off-highway applications, including excavators, loaders, and articulated haulers.

[CLICK HERE](#) for IPD's D12 series engine parts program details

IPD WINS AWARD

IPD was recently awarded **Most Outstanding Diesel & Gas Engine Parts Wholesaler 2016** by AI Magazine. These 2016 Global Excellence Awards recognize the very best in the business...those that are succeeding in their endeavors, innovating, growing, and improving.

[CLICK HERE](#) to view award certificate



About IPD

Since 1955, IPD has focused on helping equipment owners save money without risk to reliability. IPD continues to build on over 60 years of manufacturing experience with Quality Products, Technical Innovation, and Superior Customer Service and Support. IPD's product line includes diesel and spark-ignited gas engine parts for Caterpillar®, Cummins®, Detroit Diesel®, Waukesha®, and Volvo® applications.

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