



IPD Products for Caterpillar® 3400 & C15 SERIES ENGINES

The Standard for Quality, Innovation, Service and Support Since 1955

IPD PARTS FOR 3400 & C15 SERIES

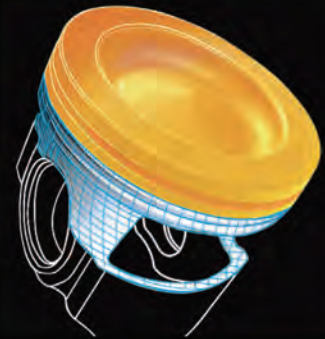
Coverage and options so that you can determine how most efficiently to overhaul your engine.

- ◆ In-frame and Out of Frame Overhaul Kits
- ◆ Crown-less kits (when reusing crowns)
- ◆ IPDSteel™ Pistons
- ◆ PLG (Piston & Liner Group or Cylinder Kit)
- ◆ Induction-Hardened & Crevice Seal Liners
- ◆ Valve Train Components
- ◆ Fuel System Components
- ◆ Crankshafts, Camshafts & Cam Followers
- ◆ Gasket Sets:
 - IPDStyle 1-2-3™ complete sets
 - Modular – OEM style sets
- ◆ Oil Coolers
- ◆ Water and Oil Pump Components
- ◆ Engine Bearings
- ◆ Miscellaneous parts (such as exhaust stud kits)
- ◆ Parts for older & newer “E” model applications
- ◆ **NEW...IPD Parts for C15 Acert**

IPD COVERAGE FOR 3406 / 3408 / 3412 “HEUI” APPLICATIONS

IPD offers a wide range of parts for HEUI (Hydraulically Actuated Electronically Controlled Unit Injector) applications, including the following popular wear items:

- ◆ IPDStyle 1-2-3™ and Modular Style gasket sets
- ◆ Engine bearings and bushings
- ◆ Valve train components
- ◆ Water and oil pump components



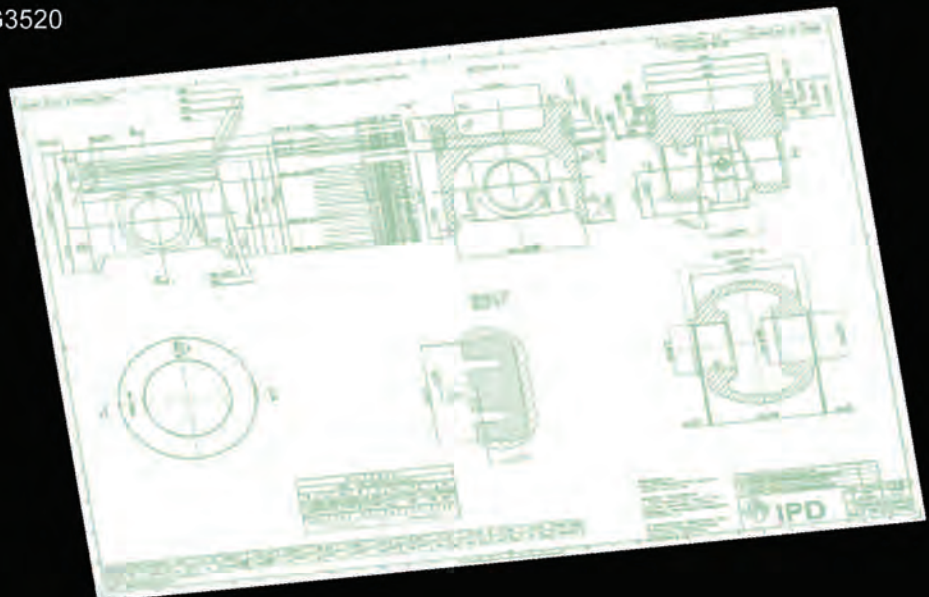
NATURAL GAS AND METHANE APPLICATIONS FOR G3406 / G3408 / G3412 ENGINES

IPD also offers extensive coverage of these popular engines. The parts are produced from materials intended specifically for these critical applications. Some companies may offer products that fit these engines, but only IPD's years of experience can provide you with the consistent quality and life expectancy you need. IPD's over 50 years of manufacturing experience in the spark ignited industry has resulted in many long-time relationships with some of the best natural gas engine rebuilding specialists worldwide. Whether your company provides drilling, well servicing, natural gas compression, power generation, production or pipeline transmission...IPD supplies quality parts to provide performance and reliability for your specific application. IPD also supplies an extensive range of IPD products for these other Caterpillar® natural gas and methane applications as well:

- ◆ G3508 / G3512 / G3516 / G3520
- ◆ G3304 / G3306
- ◆ G379 / G398 / G399
- ◆ G342

IPD designs, engineers, and controls manufacturing and quality assurance on critical products for natural gas and methane applications, such as the G3400 series piston shown in our drawing to the right.

Our product line continuously expands so please check with us often for new availability.



WIDE RANGE OF PARTS AVAILABLE



Camshaft and connecting rod bushings, including oversized camshaft bushings for popular applications.



Exhaust manifold stud kits that include nuts and studs, packaged in convenient kits specific to 3406 engines (individual parts available for 3408 & 3412 applications).



Water pump rebuild kits for popular applications.



Available from IPD are popular options such as cylinder kits, in-frame and out-of-frame overhaul engine kits. (Shown with IPDSteel™ articulated piston)



IPD offers a wide range of high quality **forged** steel crankshafts that receive multiple quality control checks for hardness, fillet radius specifications and straightness.



Camshafts and cam followers for popular applications. All held to the closest specifications and tolerances. More camshafts under development.

This is only a representation of our coverage, please contact your Customer Service Representative for further details. If you are an IPD Authorized Distributor, you can also access our on-line IPDNet™ parts cataloging and ordering system for up-to-date applications that are available from IPD.



IPD ENGINE MODEL SUMMARY

CATERPILLAR®

D3508 / D3512 / D3516 / D3524

G3508 / G3512 / G3516 / G3520

D3406 / D3408 / D3412

D3406E / D3408E / D3412E

G3406 / G3408 / G3412

D3304 / D3306 / D333

G3304 / G3306 / G333

3204 / 3208

3114 / 3116 / 3126 / 3176C / 3196

3064 / 3066

D379 / D398 / D399

G379 / G398 / G399

D353 / G353

D339 / D342 / G342

D343 / D346 / D348

C7, C9, C10, C12, C15 / C15 Acert

CUMMINS®

ISX/QSX

DETROIT DIESEL®

60 Series

WAUKESHA®

VHP Series

IPD brand quality products distributed by:



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