

IPD News



IPD LLC is a global manufacturing and distribution company providing quality components for heavy-duty equipment.

IPD ARCHIVE...

Click [here](#) to view past IPD Product Releases and News

IPD PRODUCTS...

Click on any of these links to view PDF files of IPD's latest Product Bulletins and our Corporate Brochure



Click on the link below to download our Product Bulletins on specific IPD parts for Caterpillar® engine parts:

- IPD Corporate Brochure
- IPD Parts For Caterpillar® Engines:
- 3406/3408/3412
- 3508/3512/3516
- 353/379/398/399
- 3304/3306
- For older engines
- 3114/3116
- 3126

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

This month we have added more products to our 3500 series line with parts finally starting to arrive that we have been working on for well over a year! We take these, as well as all products very seriously but the 3500 series in particular has been a challenge to provide you with the correct range of products at the correct specifications! These engines typically are first-line, production machines with very serious owners and we do not take the responsibility lightly. Our extensive Reverse-Engineering and Quality Assurance program may sometimes slow the process but the result is a product that you can trust as opposed to a part that just "looks" correct! Please stay-tuned to this e-newsletter as more additions to this important and critical line become available.

We thank you for your business and welcome your comments at sales@ipdparts.com

IPD Featured Product

IPD OFFERS LATEST CAMSHAFT BUSHING FOR 3500B SERIES ENGINES



IPD offers both older 7M2048 as well as later 1011198 camshaft bushing for 3500 series engines

Part number: 1011198, this new product helps us to continue filling in the gaps in the product line for this engine. Approximate dimensions for identification purposes are 3.86" / 98. mm) Also previously available from IPD is the older series camshaft bushing part number 7M2048 shown in picture above as well.

Please see the IPD New Products section below for additional 3500 series items added to our product line since our last e-newsletter issue.

For other applications please contact your IPD Distributor or your IPD Customer Service Representative.

To view this newsletter in Arabic, [click here](#).

To view this newsletter in Spanish, [click here](#).



Click here to visit the IPD Web Page and for more information on our products

IPD is a Member of the Storm Family of Companies. [Click here](#) for more information.



DIFFERENTIATION IPD GASKET MATERIALS

Some rebuilders feel that a gasket is a gasket and as long as it fits, it will work. While this may be true in some light duty applications or non-critical applications, it is rarely true in heavy duty diesel and natural gas engines.

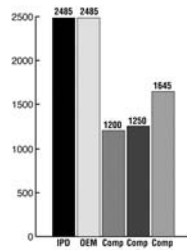
Many aftermarket gasket manufacturers have compromised the quality of their gaskets by using materials not intended to work under the extreme conditions that most diesel and natural gas engines are subject to. These lighter duty materials will lead to either reduced sealing capability or in more extreme cases, lower engine performance or engine life. **Please beware of brand names of materials as there can be many different options of grades of materials available within each brand name!**

At IPD we feel that the **quality of our materials defines our gasket program**. We strive to use the latest materials and to assure that **each part number receives the correct material specification for the application**.

Shown below are a few examples of IPD quality materials vs the OEM and 3 other "typical" aftermarket suppliers. Example shown is an oil pan gasket.

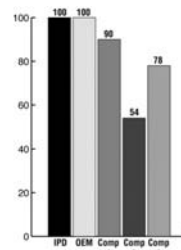


Typical IPD products and packaging



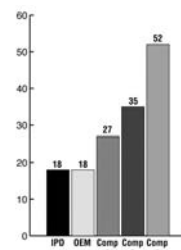
Tensile Strength

Tensile strength is a measure of the material's resistance to blowout when used in high-temperature applications.



Crush Resistance Density Values

Crushing or extrusion occurs when compressive forces exceed the point where the gasket materials pore volume is zero. Resulting in leakage.



Creep Relaxation Values

Creep relaxation indicates the gasket materials ability to maintain initial bolt torque after exposure to stress, temperature and time. Lower creep values indicated materials that are better at sustaining pressure.

Why bother?

Our complete solution includes providing products that will provide the **engine performance and life that the owner expects without compromise**. While this does not always translate to the lowest price product – it does assure the best overall value considering cost and performance.

NEW PRODUCTS COMPLETE LISTING OF ALL NEW IPD PRODUCTS ADDED SINCE LAST MONTHS ISSUE:

New items from IPD since last issue include:

- ◆ Above mentioned 3500 **Camshaft Bushings**
- ◆ Misc. **water pump parts** and **gaskets** for 3500 series
- ◆ More 3116 & 3126 **gasket & gasket sets** added to our product offering C10 & C12 gasket sets added
- ◆ Updated 3304 / 3306 **balancer bushings**
- ◆ Updated **valves, gaskets and vibration damper** for 3400 / 3406E & C15 engines
- ◆ **Re-release of our 1678123 vibration damper for 3300 series engines at very competitive prices!**

Please follow this link for the complete listing of IPD's New Products release. [IPD August 2007 New Products List](#)

TECH BULLETIN



IPD Technical Bulletin:IPDTB-0012

USING THE PROPER VALVE SPRINGS ON 3500 SERIES ENGINES WITH UPDATED FLOATING VALVE BRIDGES IS CRITICAL!

Excessive valve stem & guide wear, and catastrophic failure are just a few of the things that you do not want to experience with these engines! The attached is a basic guideline and explanation.

Click here to view [IPDTB-0012](#)

Please note that IPD Distributors can access our exclusive IPD Technical Support line by entering the **IPD Parts Database™**, then clicking on IPD Technical Support.

Thank you for taking the time to review this material. We hope that you found it informative. If you have any comments, please email us at sales@ipdparts.com

IPD News is published for our customers and friends. To **SUBSCRIBE** [click here](#), or to **UNSUBSCRIBE** [click here](#).

All manufacturers' names, numbers, symbols and descriptions are for reference only. It is not implied that any part is the product of the manufacturer. Caterpillar® and Cat® are registered trademarks of Caterpillar, Inc.

IPD LLC | 23231 S. Normandie Ave | Torrance, CA 90501 USA
310.602.5399 | 310.530.2708 fax | www.ipdparts.com