

February-March 2017

New Parts Releases

IPD is pleased to announce 55 new part numbers. Highlights as follows:

- **Cylinder Kits (C27)**
- **Gasket Sets (3126, 3176, 3400, 3500, C9, C13, C15, C18)**

[CLICK HERE](#) for details

IPD FEBRUARY-MARCH 2017 NEW PRODUCT RELEASES			
PART NUMBER	IPD DESCRIPTION	QTY	NOTES
3126	IPD CYLINDER KIT	1	
3176	IPD CYLINDER KIT	1	
3400	IPD CYLINDER KIT	1	
3500	IPD CYLINDER KIT	1	
C9	IPD CYLINDER KIT	1	
C13	IPD CYLINDER KIT	1	
C15	IPD CYLINDER KIT	1	
C18	IPD CYLINDER KIT	1	
...

IPD Cylinder Kits for Caterpillar® C27

IPD is pleased to announce new cylinder kits for off-highway, loader, dozer, shovel, industrial, and generator applications. These kits feature **IPDSteel®** friction welded pistons, an innovative piston design that is exclusively available in the aftermarket (manufactured in IPD's USA headquarters in Torrance, California).



These kits are available with an original style cylinder liner, or IPD's innovative "crevice seal" design (available exclusively from IPD) for a more secure fitment and reduced liner movement.



<u>Part Number</u>	<u>Description</u>	<u>Notes</u>
PLG3819249	CYLINDER KIT (WITH IPDSTEEL PISTON & ORIG STYLE LINER)	POPULAR C27 APPLICATIONS INCLUDING GENSET-PETROLEUM & 773G W/ENGINE S/N PHB1-UP & 775G WITH ENGINE S/N NHG1-UP
PLG3819249/CS	CYLINDER KIT (WITH IPDSTEEL PISTON & IPD CREVICE SEAL LINER)	POPULAR C27 APPLICATIONS INCLUDING GENSET-PETROLEUM & 773G W/ENGINE S/N PHB1-UP & 775G WITH ENGINE S/N NHG1-UP

IPD Friction Welded Pistons for Caterpillar® C27

IPDSteel friction welded pistons for C27 are the most up-to-date design, and are superior to older 1 piece versions. Features and benefits include as follows:

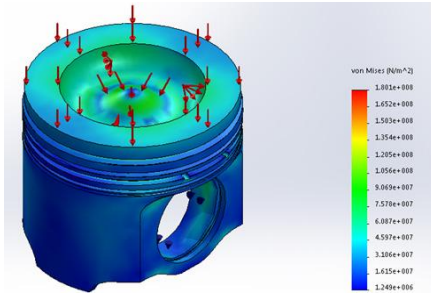


Previous C27 1pc piston design



Updated C27 welded piston design

- Only alternative to dealer parts
- Optimized oil cooling gallery shape based on the crown bowl contour for enhanced heat transfer performance
- Special premium steel alloy used for the crown provides resistance to ring groove wear and combustion bowl rim corrosion (only friction welded pistons can provide the benefits of using different/ideal specification alloys for the crown and skirt sections for optimal performance)
- Finite element analysis (FEA) modelling to ensure high stress areas are identified in advance, and design considerations are implemented
- Superior strength in the lower ring land area specifically, engineered to perform at cylinder pressures above the limits of other designs



- Manufactured by IPD in Torrance, CA (USA), and available in the aftermarket only from IPD

IPD is the preferred dealer alternative in the aftermarket for the most updated high quality engine parts available. Contact IPD and begin saving today!

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IPD WINS AWARD

IPD was recently awarded **Best Heavy Equipment Parts Supplier 2017** by

Corporate America magazine. These awards honor companies whose consistency to provide exceptional service has been the driving force behind their innovation and commitment to thrive within the sector.



[CLICK HERE](#) for Corporate America website/award

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