



## IPD INTRODUCES A COMPLETE ENGINE KIT SOLUTION FOR THE DETROIT DD16



### ENHANCED FOR THE DD16—BUILT ON PROVEN DD15 PERFORMANCE

IPD's newest in-frame kit delivers everything you need to rebuild your DD16 with confidence. Leveraging the same trusted engineering foundation as our DD15 kit, we've developed a new, friction-welded steel piston designed specifically for the DD16's demands—offering the durability and performance you expect from IPD. Whether you're a fleet manager, engine rebuilder, or owner-operator, you can count on IPD's precision-engineered components to extend engine life, improve reliability, and protect your investment mile after mile.

#### Key Features of the IPD DD16 In-Frame Kit:

- New friction-welded steel pistons engineered for the DD16, complete with cooling nozzles, rings, pins, and retainers.
- Cast iron liners (APR and non-APR) with seals.
- Main bearings, thrust washers, and connecting rod bearings.
- Cylinder head gasket kit.
- Standard head bolt kit
- Main cap and connecting rod bolts.
- Optional lower-end gasket kit to create an out-of-frame rebuild package.
- Oil pan gaskets and seals available separately.



# DD16 ENGINE KIT AND ENGINE COMPONENTS

DESCRIPTION	NOTES	QNTY	473901	473902	473908	473910
			FREIGHTLINER	WESTERN STAR	TURBO COMPOUND	ASYMMETRIC TURBO
INFRAME KIT			KIF1517/920	KIF1517/920	KIF1517/120APR	KIF1517/120APR
PISTON KIT		6	A473031517	A4730301517	A4730301517	A4730301517
RING SET			A4720300424	A4720300424	A4720300424	A4720300424
LINER KIT APR	INCLUDES APR RING & LINER SEALS	6			A4720111910	A4720111910
LINER KIT NON APR	INCLUDES LINER SEALS	6	A4720111810	A4720111810		
HEAD BOLT		38	A4720160169	A4720160169	A4720160169	A4720160169
HEAD BOLT		1	N000000004799	N000000004799	N000000004799	N000000004799
ROD BEARING		6	A4720300960	A4720300960	A4720300960	A4720300960
MAIN BEARING		7	A4720300240	A4720300240	A4720300240	A4720300240
THRUST		2	A4720300445	A4720300445	A4720300445	A4720300445
ROCKER CVR GASKET		1	A4720160121	A4720160121	A4720160121	A4720160121
HEAD SET		1	A4720161920	A4720161920	A4720162120	A4720162120
BOLT, MAIN CAP		14	A0000111071	A0000111071	A0000111071	A0000111071
BOLT, CON ROD		12	A4720380071	A4720380071	A4720380071	A4720380071
GASKET, EXHAUST MANIFOLD		1	A4721421880	A4721421880	A4721421880	A4721421880
GASKET, EXHAUST MANIFOLD		1	A4721421980	A4721421980	A4721421980	A4721421980
GASKET, INTAKE		6	A4720980080	A4720980080	A4720980080	A4720980080
GASKET, CHARGE AIR PIPE		1	A4720980880	A4720980880	A4720980880	A4720980880
GASKET, TURBO MOUNTING		1	A4730960280	A4730960280	A4730960280	A4730960280
PISTON COOLING NOZZLE		6	A4721800043	A4721800043	A4721800043	A4721800043
BOLT		6	N000000004795	N000000004795	N000000004795	N000000004795
***ALL ABOVE ITEMS INCLUDED IN KIT***						
OPTIONAL ITEMS						
OIL PAN SEAL	PLASTIC OIL PAN		A4720140322	A4720140322	A4720140322	A4720140322
OIL PAN GASKET	ALUMINUM OIL PAN		A4720140022	A4720140022	A4720140022	A4720140022
LOWER SET			A4720102205	A4720102205	A4720102205	A4720102205
FRONT CRANK SEAL	INCLUDED IN LOWER SET		A0159979746	A0159979746	A0159979746	A0159979746
REAR CRANK SEAL	INCLUDED IN LOWER SET		A0159974746	A0159974746	A0159974746	A0159974746
OIL COOLER			A4721800965	A4721800965	A4721800965	A4721800965
WATER PUMP			EA4722001001	EA4722001001	EA4722001001	EA4722001001
HEAD BOLT KIT			DD16CHBK	DD16CHBK	DD16CHBK	DD16CHBK

## WHY CHOOSE IPD FOR YOUR DD16 REBUILD?

- All new, premium quality parts.
- A cost-effective alternative to OE without sacrificing performance.
- Designed and engineered in-house, backed by ISO 9001:2015 certification.
- Every component undergoes rigorous in-house quality testing.
- Supported by IPD's industry-leading 2-year, unlimited-mile warranty for on-highway diesel applications.

## IPD Products for On-Highway Engines

Caterpillar 3116, 3126, 3208, 3306, 3406, C7, C9, C10, C12, C13, C15

Cummins: ISX, ISX15 and X15

Detroit: 60 Series and DD13, DD15, DD16

Check with your IPD regional sales manager or customer service representative for our latest offerings or visit IPDNet at [store.ipdparts.com](http://store.ipdparts.com)



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