FIRST, IPD BROUGHT YOU AN ENGINE REBUILD KIT FOR THE DD15.

We received so much positive feedback and demand to add the Detroit DD13 application to our lineup, that we put our engineering and manufacturing teams to work to add this essential on-highway engine line. IPD is excited to offer a reliable and cost-effective product line to extend the engine life and performance of your trucks. IPD's engine rebuild kit for Detroit DD13 is made entirely from new, quality parts. IPD's DD13 engine components begin with drawings by our inhouse engineering team, who reverse engineer the DD13 specifications to ensure a perfect fit every time. Engine components are tested and approved by our in-house quality assurance team and our company and processes are ISO 9001: 2015 certified.

IPD DD13 IN-FRAME ENGINE KITS FEATURES:

- Forged friction-welded steel pistons with manganese phosphate coating, produced through IPD's state of the art manufacturing process
- Unique pin bore profile developed by IPD engineering team, a unique process that ensures a perfect pin joint performance
- Additional graphite coating applied around piston skirt to help reduce friction
- · Cast iron liners available in APR and non-APR designs with seals
- · Main bearings, thrust washers and connecting rod bearings
- Cylinder head gasket set, head bolts, con rod bolts, main bolts and o-rings
- · Oil pan gaskets and oil pan seals available separately
- · Lower-end gasket kit available separately to make an out-of-frame kit
- Protective packaging and easy to read labels



IPD Products for On-Highway Engines Caterpillar 3116, 3126, 3208, 3306, 3406, C7, C9, C10, C12, C13, C15 Cummins: ISX and ISX15 Detroit: 60 Series and DD13, DD15

Check with your IPD regional sales manager or customer service representative for our latest offerings or visit IPDNet at <u>store.ipdparts.com</u>

Reliability Backed by IPD's Industry-Leading Warranty All IPD quality parts for DD13 are backed by an industryleading 2-year warranty (unlimited miles) for on-highway diesel applications.



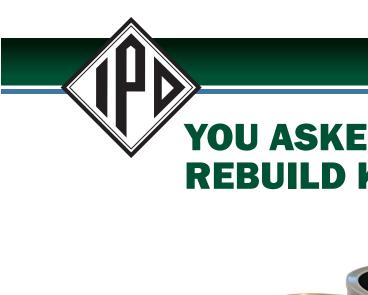
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MKTIPDDD13ENGKIT





YOU ASKED. IPD NOW HAS A REBUILD KIT FOR THE DD13!

ENGINE KITS AND PART NUMBERS FOR DETROIT DD13

			EPA07 2007-2009	EPA07 2007-2009	EPA10 2010-2012	EPA10 2010-2012	EPA10 2010-2012	EPA10 GHG14 2013	EPA07 2007-2009	EPA10 GHG17 2016	
			FREIGHTLINER	STERLING	FREIGHTLINER	WESTERN STAR	FREIGHTLINER M2	FUEL ECON PACKAGE (FEO)	EXPORT(usually Australia)	TRUCK (FE1)	
DESCRIPTION	QTY	INFRAME CONTENTS	471901S	471910S	471903S	471911S	471913S	471927S	471915S	471928S	NOTES
INFRAME KIT			KIF3217/121/20	KIF3217/121/20	KIF3217/521/20	KIF3217/521/20	KIF3217/521/20		KIF3217/521/20		
INFRAME KIT APR								KIF3517/05	KIF3517/05	KIF3517/05	
PISTON KIT	As Req	x	A4710303217	A4710303217	A4710303217	A4710303217	A4710303217		A4710303217		2PC WELDED PISTON WITH RINGS, PIN, RETAINERS, COOLING NOZZLES
PISTON KIT APR	As Req	х						A4710303517	A4710303517	A4710303517	2PC WELDED PISTON WITH RINGS, PIN RETAINERS, COOLING NOZZLES
LINER KIT	As Req	Х	A4710113110	A4710113110	A4710113110	A4710113110	A4710113110		A4710113110		INCLUDES SEALS
LINER KIT APR	As Req	Х						A4710113210	A4710113210	A4710113210	INCLUDES APR RING & SEALS
HEAD GASKET SET	As Req	Х	A4710161420	A4710161420	A4710161420	A4710161420	A4710161420		A4710161420		
HEAD GASKET SET APR	As Req	Х						A4720162020	A4720162020	A4720162020	
ROD BEARING	6	X	A4710300160	A4710300160	A4710300160	A4710300160	A4710300160	A4710300160	A4710300160	A4710300160	
MAIN BEARING	7	Х	A4710300140	A4710300140	A4710300140	A4710300140	A4710300140	A4710300140	A4710300140	A4710300140	
THRUST	1	Х	A4710300545	A4710300545	A4710300545	A4710300545	A4710300545	A4710300545	A4710300545	A4710300545	
ROCKER COVER GASKET	1	X	A4710160121	A4710160121	A4710160521	A4710160521	A4710160521	A4710160521	A4710160521	A4710160521	
REINFORCING PLATE GASKET	1	X	A4710160121	A4710160121	A4710160521	A4710160521	A4710160521	A4710160521	A4710160521	NA	
CYLINDER HEAD BOLT	38	Х	A4710160069	A4710160069	A4710160069	A4710160069	A4710160069	A4710160069	A4710160069	A4710160069	
CYLINDER HEAD BOLT	2	Х	N00000004799	N00000004799	N00000004799	N00000004799	N00000004799	N00000004799	N00000004799	N00000004799	
CON ROD BOLT	12	Х	A4710380071	A4710380071	A4710380071	A4710380071	A4710380071	A4710380071	A4710380071	A4710380071	
MAIN CAP BOLT	14	Х	A0000110971	A0000110971	A0000110971	A0000110971	A0000110971	A0000110971	A0000110971	A0000110971	
GASKET EXH MANIFOLD, FRONT (1-3)	1	Х	A4711420180	A4711420180	A4711420180	A4711420180	A4711420180	A4711420180	A4711420180	A4711420180	
GASKET EXH MANIFOLD, REAR (4-6)	1	Х	A4711420280	A4711420280	A4711420280	A4711420280	A4711420280	A4711420280	A4711420280	A4711420280	
GASKET INTAKE	6	Х	A4720980080	A4720980080	A4720980080	A4720980080	A4720980080	A4720980080	A4720980080	A4720980080	
AIR INTAKE SEALS	1	Х	A4600980180	A4600980180	A4600980180	A4600980180	A4600980180	A4600980180	A4600980180	A4600980180	
TURBOCHARGER SEAL	1	Х	A4710960380	A4710960380	A4710960380	A4710960380	A4710960380	A4710960380	A4710960380	A4710960380	
TURBO DRAIN GASKET	1	Х	A5411870080	A5411870080	A5411870080	A5411870080	A5411870080	A5411870080	A5411870080	A5411870080	
TURBO DRAIN O-RING	1	Х	A0189973145	A0189973145	A0189973145	A0189973145	A0189973145	A0189973145	A0189973145	A0189973145	
*OIL PAN GASKET OR SEAL, NOT INCLUDED IN INFRAME KIT. NEED TO CONFIRM CORRECT PART NUMBER BEFORE ORDERING											
OIL PAN SEAL	As Req	*	A4710140822	A4710140822	A4710140822	A4710140822	A4710140822	A4710140822	A4710140822	A4710140822	USED WITH PLASTIC OIL PAN
OIL PAN GASKET	As Req	*	A4710140422	A4710140422	A4710140422	A4710140422	A4710140422	A4710140422	A4710140422	A4710140422	USED WITH ALUMINUM OIL PAN
LOWER SET	As Req		A4710103505	A4710103505							INCLUDES CRANK SEALS
LOWER SET	As Req				A4710103605	A4710103605	A4710103605	A4710103605	A4710103605	A4710103605	INCLUDES CRANK SEALS
HEAD BOLT KIT	1		DD13CHBK	DD13CHBK	DD13CHBK	DD13CHBK	DD13CHBK	DD13CHBK	DD13CHBK	DD13CHBK	
RING SET	As Req		DD13RS1	DD13RS1	DD13RS1	DD13RS1	DD13RS1	DD13RS1	DD13RS1	DD13RS1	

