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DD60 PISTON HISTORY

- DDEC I , these "first" generation engines used articulated (2 pcs.) pistons with cast iron crowns, crosshead connecting rods, and were not piston cooled.
IPD Does NOT currently offer cylinder kits for these engines
- DDEC II, these "second" generation engines used articulated (2 pcs.) pistons with crosshead "rifle drilled" connecting rods. There were also bushing in the pin bosses of these piston crowns and they were piston cooled. **IPD's cylinder kits will work for these engines as long as the connecting rods are updated to "trunk" style**
- DDEC III & Early IV, these third generation engines used articulated (2 pcs.) pistons with "rifle drilled" – trunk style connecting rods. These are no bushing in the pin bosses of these pistons. The cylinder kits for these engines include top liner cooled liners.
These are the engines that IPD's cylinder kits were designed for.
- later DDEC IV, these fourth generation engines used one piece steel piston.
IPD has not released these cylinder kits at this time

GENERAL NOTES

HEAVY PIN AND LIGHT PIN CYLINDER KIT MUST NOT BE MIXED WITHIN AN ENGINE

OUT OF FRAME KIT INCLUDES: CYLINDER KITS, ROD BRGS , MAIN BRGS, THRUST BRGS,CAM BRGS, CRANK SEALS, OH GSKT KIT FUEL INJ ORINGS , VALVE CVR GSKT, PAN GSKT, AND HEAD BOLTS

INFRAME KIT INCLUDES CYLINDER KITS, ROD BRGS, MAIN BRGS, THUST BRGS, CAM BRGS, HEAD SET, VALVE CVR GSKT, PAN GSKT FUEL INJ O RINGS & HEAD BOLTS

IPD IN AND OUT OF FRAME OVERHAUL ENGINE KITS

IPD PART NUMBER	DESCRIPTION	COMMENTS	NOTES
IF2561/33	INFRAME KIT LC/HP	LOW COMPRESSION HEAVY PIN STD BRGS	<u>Specify</u> oil pan and valve cover gasket
IF2561/33/.010	INFRAME KIT LC/HP	LOW COMPRESSION HEAVY PIN .010 BRGS	<u>Specify</u> oil pan and valve cover gasket
IF2561/33/.020	INFRAME KIT LC/HP	LOW COMPRESSION HEAVY PIN .020 BRGS	<u>Specify</u> oil pan and valve cover gasket
IF2561/33/.030	INFRAME KIT LC/HP	LOW COMPRESSION HEAVYPIN .030 BRGS	<u>Specify</u> oil pan and valve cover gasket
IF2562/33	INFRAME KIT HC/HP	HIGH COMPRESSION HEAVY PIN STD BRGS	<u>Specify</u> oil pan and valve cover gasket
IF2562/33/.010	INFRAME KIT HC/HP	HIGH COMPRESSION HEAVY PIN .010 BRGS	<u>Specify</u> oil pan and valve cover gasket
IF2562/33/.020	INFRAME KIT HC/HP	HIGH COMPRESSION HEAVY PIN .020 BRGS	<u>Specify</u> oil pan and valve cover gasket
IF2562/33/.030	INFRAME KIT HC/HP	HIGH COMPRESSION HEAVY PIN .030 BRGS	<u>Specify</u> oil pan and valve cover gasket
OF2561/32	OUT OF FRAME KIT LC/HP	LOW COMPRESSION HEAVY PIN STD BRGS	<u>Specify</u> oil pan and valve cover gasket
OF2561/32/.010	OUT OF FRAME KIT LC/HP	LOW COMPRESSION HEAVY PIN .010 BRGS	<u>Specify</u> oil pan and valve cover gasket
OF2561/32/.020	OUT OF FRAME KIT LC/HP	LOW COMPRESSION HEAVY PIN .020 BRGS	<u>Specify</u> oil pan and valve cover gasket
OF2561/32/.030	OUT OF FRAME KIT LC/HP	LOW COMPRESSION HEAVYPIN .030 BRGS	<u>Specify</u> oil pan and valve cover gasket
OF2562/32	OUT OF FRAME KIT HC/HP	HIGH COMPRESSION HEAVY PIN STD BRGS	<u>Specify</u> oil pan and valve cover gasket
OF2562/32/.010	OUT OF FRAME KIT HC/HP	HIGH COMPRESSION HEAVY PIN .010 BRGS	<u>Specify</u> oil pan and valve cover gasket
OF2562/32/.020	OUT OF FRAME KIT HC/HP	HIGH COMPRESSION HEAVY PIN .020 BRGS	<u>Specify</u> oil pan and valve cover gasket
OF2562/32/.030	OUT OF FRAME KIT HC/HP	HIGH COMPRESSION HEAVY PIN .030 BRGS	<u>Specify</u> oil pan and valve cover gasket

IPD CYLINDER KITS

IPD PART NUMBER	DESCRIPTION	COMMENTS	NOTES
23532562	CYLINDER KIT HC/HP	HIGH COMPRESSION HEAVY PIN 2.5 MM TOP RING 16.5" CR	BUSHING LESS CROWNS MUST BE USED WITH DRILLED RODS & COOLER TUBE BLOCKS
23532561	CYLINDER KIT LC/HP	LOW COMPRESSION HEAVY PIN 2.5 MM TOP RING 15:1 CR	BUSHING LESS CROWNS MUST BE USED WITH DRILLED RODS & COOLER TUBE BLOCKS
23532885	CYLINDER KIT HC/LP	HIGH COMPRESSION LIGHT PIN 2.5MM TOP RING 16.5:1 CR CAN BE REPLACED WITH HEAVY PIN KITS IN FULL SETS ONLY	BUSHING LESS CROWNS MUST BE USED WITH DRILLED RODS & COOLER TUBE BLOCKS
23532883	CYLINDER KIT LC/LP	LOW COMPRESSION LIGHT PIN 2.5MM TOP RING 15:1 CR CAN BE REPLACED WITH HEAVY PIN KITS IN FULL SETS ONLY	BUSHING LESS CROWNS MUST BE USED WITH DRILLED RODS & COOLER TUBE BLOCKS

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IPD MISCELLANEOUS PARTS

IPD PART NUMBER	DESCRIPTION	COMMENTS	NOTES
23531502	CYLINDER LINER		
8929013	LINER SEAL		1 PER
8929176	LINER SEAL		2 PER
23503747	RING GROUP	2.5MM TOP RING	
23526142	CON ROD BEARING STD.	FOR USE IN RIFLE DRILLED RODS	6 PER
23527065	CON ROD BEARING .010	FOR USE IN RIFLE DRILLED RODS	
23527066	CON ROD BEARING .020	FOR USE IN RIFLE DRILLED RODS	
23527067	CON ROD BEARING .030	FOR USE IN RIFLE DRILLED RODS	
8929670	MAIN BEARING STD		6 PER
8929671	MAIN BEARING .010		
8929672	MAIN BEARING .020		
8929673	MAIN BEARING .030		
8929680	MAIN BEARING THRUST STD		1 PER
8929681	MAIN BEARING THRUST.010		
8929682	MAIN BEARING THRUST .020		
8929683	MAIN BEARING THRUST .030		
8929085	THRUST WASHER STD		2 PER
8929697	THRUST WASHER .005		
8929698	THRUST WASHER .010		
8929690	CAM BUSHING		7 PER
8929691	CAM BUSHING .010		
8929692	CAM BUSHING .020		
8929693	CAM BUSHING .030		
23532332	GASKET SET, OVERHAUL	VALVE COVER, PAN GSKT, & CRANK SEALS NOT INCLUDED	
23532333	GASKET SET, SINGLE CYINDER HEAD	VALVE COVER GSKT & PAN GSKT NOT INCLUDED	
23516322	GASKET, VALVE COVER (GREY)	NOT INCLUDE IN OVERHAUL GSKT SET & HEAD SET	
23522269	GASKET, VALVE COVER (BLACK)	NOT INCLUDE IN OVERHAUL GSKT SET & HEAD SET	
23522279	GASKET, OIL PAN (BLACK)	NOT INCLUDE IN OVERHAUL GSKT SET & HEAD SET	
8929102	GASKET, OIL PAN (GREY)	NOT INCLUDE IN OVERHAUL GSKT SET & HEAD SET	
23516969	CRANKSHAFT SEAL GROUP (REAR)	NOT INCLUDED IN OVERHAUL GSKT SET	
23518355	CRANKSHAFT SEAL GROUP (FRONT)	NOT INCLUDED IN OVERHAUL GSKT SET	
23530768	HEAD BOLT		38 PER

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