

IPD PARTS FOR CUMMINS® K SERIES (19L/38L/50L)

DESCRIPTION	PART #	NOTES	QTY. REQUIRED					
			19L	38L	50L			
CYLINDER COMPONENTS – PISTONS/PINS/RINGS/SEALS								
LINER SEAL	3011076	CENTER	6	12	16			
LINER SEAL	3014668	BOTTOM	6	12	16			
LINER SEAL	3081489	WIDE (CREVISE) TOP GROOVE	6	12	16			
PISTON KIT	3631241		6	12	16			
PISTON KIT	3631244		6	12	16			
PISTON KIT	3631245		6	12	16			
PISTON KIT	3631246		6	12	16			
PISTON KIT	3804747			12	16			
PISTON KIT	3804885			12	16			
PISTON PIN	4095009		6	12	16			
RETAINER, PISTON PIN	205269		12	24	32			
RING SET	4352282	ALL EXCEPT MARINE	6	12	16			
RING SET	4955975	MARINE ONLY	6	12	16			
SEAL, RECTANGULAR RING	4000504	UNDER FLANGE	AR					
CYLINDER COMPONENTS – LINER KITS								
		SIZE (UPF/LPF)*	FLANGE THICKNESS	FLANGE O.D.	LPF O.D.			
BLOCK TYPE 1 - S/N 31100101 - 31101149 & 31101150 - 31103628								
CYLINDER LINER KIT	3007525	STD/STD	0.526"- 0.527"	7.4925"- 7.4945"	7.158"- 7.160"	6	12	16
CYLINDER LINER KIT	3012611	.010/STD	0.536"- 0.537"	7.5025"- 7.5045"	7.158"- 7.160"	6	12	16
BLOCK TYPE 2 (THIN FLANGE) - S/N 31103629 - 31121669								
CYLINDER LINER KIT	4024770	STD/STD	0.305"- 0.306"	7.400"- 7.402"	7.093"- 7.095"	6		
BLOCK TYPE 3 (THICK FLANGE) - S/N 31121670+ & 37000001								
CYLINDER LINER KIT	4024767	STD/STD	0.528"- 0.529"	7.409"- 7.411"	7.093"- 7.095"	6		
CYLINDER LINER KIT	4024769	.040/STD	0.528"- 0.529"	7.449"- 7.451"	7.093"- 7.095"	6		
CYLINDER LINER KIT	4024773	.020"/.020"	0.528"- 0.529"	7.429"- 7.431"	7.113"- 7.115"	6		
CYLINDER LINER KIT	4024775	.060"/STD	0.528"- 0.529"	7.469"- 7.471"	7.093"- 7.095"	6		
ENGINE BEARINGS								
BUSHING, CONN ROD	3043909					6	12	16
CAM BUSHING	3002834	SERIAL # 31103629 & UP				7		
CAM BUSHING	205230						26	34
CON ROD BEARING STD	205840	STANDARD				12		
CON ROD BEARING .010	205841	.010"				AR		
CON ROD BEARING .020	205842	.020"				AR		
CON ROD BEARING STD	3047390	STANDARD					24	32
MAIN BEARING STD SET W/ THRUST WASHERS	AR12270	STD				1		
MAIN BEARING .010 SET W/ THRUST WASHERS	AR12271	.010"				AR		
MAIN BEARING .020 SET W/ THRUST WASHERS	AR12272	.020"				AR		
MAIN BEARING STD SET W/ THRUST WASHERS	AR12250	STANDARD					1	
MAIN BEARING STD SET W/ THRUST WASHERS	3018210	STANDARD						1
CYLINDER HEAD REFERENCE								
Standard Head	These head utilize long valve springs, Stellite exhaust valves, std intake valves & do not use rotators. For use in standby generator sets							
Improved Standard Head	Heads utilize short springs, rotators, Stellite exhaust valves & std intake valves. These heads are used in engines rated at 100 horsepower or less per cylinder. Not for use in standby generators.							
Premium #1	Heads are designed for applications with high load/constant speed, & engines rated at 101+ horsepower per cylinder. These heads utilize Tribaloy intake valves & seats, Inconel exhaust valves, short valve springs & valve rotators.							
Premium #2	Head utilize short springs, valve rotators, Inconel exhaust & std intake valves, heads are used in applications with 101+ horsepower per cylinder that do not require Premium #1 heads.							
Special #1	Heads utilize std intake valves & seats, Stellite exhaust valves, long valves springs, & do not use rotators. They are similar to the std head, except for the flat top guide & valve seals, & are designed for use in applications with prolonged idle times.							
Special #2	Heads same as Premium #2, except for the use of machined flat top guides & valve seal. Heads are designed for use in horizontal rail car applications.							

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CYLINDER HEAD COMPONENTS					
STANDARD HEAD					
GUIDE, CROSSHEAD	205169	STEMMED STYLE BRIDGES ONLY	12	24	32
HEAD BOLT	3032633	3/4 -16X8	36	72	96
INSERT, VALVE SET, EXHAUST	205093		12	24	32
INSERT, VALVE SET, INTAKE	3026296		12	24	32
RETAINER, VALVE SPRING	205094		24	48	64
VALVE GUIDE	3202210	45° TAPERED TOP	24	48	64
VALVE KIT, INTAKE	3803515	INCLUDES VALVE & VALVE LOCKS	12	24	32
VALVE KIT, EXHAUST	3803529	STELLITE™, INCLUDES VALVE & VALVE LOCKS	12	24	32
VALVE LOCK	205091		48	96	128
VALVE SPRING	3629006		24	48	64
IMPROVED STANDARD HEAD					
GUIDE, CROSSHEAD	205169	STEMMED STYLE BRIDGES ONLY	12	24	32
HEAD BOLT	3032633	3/4 -16X8	36	72	96
INSERT, VALVE SET, EXHAUST	205093		12	24	32
INSERT, VALVE SET, INTAKE	3026296		12	24	32
RETAINER, VALVE SPRING	205094		24	48	64
ROTATOR, VALVE	3640315		24	48	64
VALVE GUIDE	3202210	45° TAPERED TOP	24	48	64
VALVE KIT INTAKE	3803515	INCLUDES VALVE & VALVE LOCKS	12	24	32
VALVE KIT, EXHAUST	3803529	STELLITE, INCLUDES VALVE & VALVE LOCKS	12	24	32
VALVE LOCK	205091		48	96	128
VALVE SPRING	3643725		24	48	64
PREMIUM #1 HEAD					
GUIDE, CROSSHEAD	205169	STEMMED STYLE BRIDGES ONLY	12	24	32
HEAD BOLT	3032633	3/4 -16X8	36	72	96
INSERT, VALVE SEAT, INTAKE	3052819		12	24	32
INSERT, VALVE SET, EXHAUST	205093		12	24	32
RETAINER, VALVE SPRING	205094		24	48	64
ROTATOR, VALVE	3640315		24	48	64
VALVE GUIDE	3202210	45° TAPERED TOP	24	48	64
VALVE KIT, INTAKE	3803518	TRIBOLY, INCLUDES VALVE & VALVE LOCKS	12	24	32
VALVE KIT, EXHAUST	3803528	INCONEL™, INCLUDES VALVE & VALVE LOCKS	12	24	32
VALVE LOCK	205091		48	96	128
VALVE SPRING	3643725		24	48	64
PREMIUM #2 HEAD					
GUIDE, CROSSHEAD	205169	STEMMED STYLE BRIDGES ONLY	12	24	32
HEAD BOLT	3032633	3/4 -16X8	36	72	96
INSERT, VALVE SET, EXHAUST	205093		12	24	32
INSERT, VALVE SET, INTAKE	3026296		12	24	32
RETAINER, VALVE SPRING	205094		24	48	64
ROTATOR, VALVE	3640315		24	48	64
VALVE GUIDE	3202210	45° TAPERED TOP	24	48	64
VALVE KIT INTAKE	3803515	INCLUDES VALVE & VALVE LOCKS	12	24	32
VALVE KIT, EXHAUST	3803528	INCONEL, INCLUDES VALVE & VALVE LOCKS	12	24	32
VALVE LOCK	205091		48	96	128
VALVE SPRING	3643725		24	48	64
SPECIAL #1 HEAD					
GUIDE, CROSSHEAD	205169	STEMMED STYLE BRIDGES ONLY	12	24	32
HEAD BOLT	3032633	3/4 -16X8	36	72	96
INSERT, VALVE SET, EXHAUST	205093		12	24	32
INSERT, VALVE SET, INTAKE	3026296		12	24	32
RETAINER, VALVE SPRING	205094		24	48	64
VALVE GUIDE	3018818	FLAT TOP	24	48	64
VALVE KIT INTAKE	3803515	INCLUDES VALVE & VALVE LOCKS	12	24	32
VALVE KIT, EXHAUST	3803529	STELLITE, INCLUDES VALVE & VALVE LOCKS	12	24	32
VALVE LOCK	205091		48	96	128
VALVE SPRING	3629006		24	48	64

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SPECIAL #2 HEAD					
GUIDE, CROSSHEAD	205169	STEMMED STYLE BRIDGES ONLY	12	24	32
HEAD BOLT	3032633	3/4 -16X8	36	72	96
INSERT, VALVE SET, EXHAUST	205093		12	24	32
INSERT, VALVE SET, INTAKE	3026296		12	24	32
RETAINER, VALVE SPRING	205094		24	48	64
ROTATOR, VALVE	3640315		24	48	64
VALVE KIT INTAKE	3803515	INCLUDES VALVE & VALVE LOCKS	12	24	32
VALVE KIT, EXHAUST	3803528	INCONEL, INCLUDES VALVE & VALVE LOCKS	12	24	32
VALVE LOCK	205091		48	96	128
VALVE SPRING	3643725		24	48	64
CAM FOLLOWERS					
GASKET ROCKER LEVER COVER	4920076		6	12	16
CAPSCREW, ROCKER SHAFT	205393	1/2-13X2"	6	12	16
CAPSCREW, ROCKER SHAFT	205394	1/2-13X4.5"	6	12	16
GASKET, CAM FOLLOWER HSNG	3040721		6	12	16
LOCK RING	205438		18	36	48
LOCKNUT	S212		18	36	48
PIN, INJECTOR LEVER	4009247		6	12	16
PIN, INJECTOR LEVER	4009479	FOR WIDE TYPE (1.085")	6	12	16
PIN, VALVE LEVER	4009248		12	24	32
PUSH ROD, INJECTOR	3017961		6	16	16
PUSH ROD, VALVE	3057139		12	24	32
RETAINER RING	205439		12	24	32
ROLLER, CAM FOLLOWER	3016825		6	12	16
ROLLER, CAM FOLLOWER	3016826		12	24	32
ROLLER, CAM FOLLOWER	3642505	FOR WIDE TYPE (1.085")	12	24	32
SCREW SLOTTED ADJUSTMENT	168306		18	36	48
SOCKET, INJECTOR ROCKER	194037		6	12	16
SOCKET, CAM FOLLOWER	213559	FOR BOTTOM OF PUSH TUBE	18	36	48
LUBRICATION					
OIL CAP ASSY	107981		AR	AR	AR
OIL COOLER	3201785	11 PLATE	2	2	2
OIL PUMP	3047549		1	1	1
PISTON COOLING NOZZLE	3007517		6	12	16
GASKET SETS					
GASKET SET, LOWER	4089390	2 PIECE GEAR COVER	AR		
GASKET SET, LOWER	4089391	1 PIECE GEAR COVER	AR		
GASKET SET, SINGLE HEAD	3800726		AR		
GASKET SET, UPPER	3800727	NON-AFTERCOOLED	AR		
GASKET SET, UPPER	3800728	AFTERCOOLED	AR		
GASKET SET, LOWER	3804301			1	
GASKET SET, SUPPLEMENTAL	3801896	STC SUPPLEMENTAL SET, USE WITH KTTA APPLICATIONS		AR	
GASKET SET, UPPER	4352580			1	
GASKET SET, LOWER	3804300				1
GASKET SET, SUPPLEMENTAL	3801897	STC SUPPLEMENTAL SET, USE WITH KTTA APPLICATIONS			AR
GASKET SET, UPPER	4352581				1
CRANKSHAFT SEALS					
SEAL, OIL	3005886	WET REAR HOUSING	AR		
SEAL, OIL	3016792	FRONT CRANKSHAFT SEAL STD	AR	AR	AR
SEAL, O-RING	205247	REAR SEAL MOUNTING	AR		
REAR CRANKSHAFT SEAL STD.	3630681	DRY REAR HOUSING		AR	AR
REAR CRANKSHAFT SEAL STD.	3005887	WET REAR HOUSING		AR	AR
REAR CRANKSHAFT SEAL O/S	3070080	WET REAR HOUSING W/WEAR SLEEVE		AR	AR