

ENGINE: 188D After # 2610996

Wide Flange Liners

BORE: 3.8125"	4 Cyl	Diesel	NOTES: 4.537" Liner Flange OD
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APPLICATION: Combines: Late 600, 660; Crawlers: Late 310G, 450; 350, 350B; Forklifts: 584D, 585D, 586D;
Loaders: Late W5A, 500LK; Skid Loaders: 1740, 1835, 1835B, 1845, 1845B, 1845S;
Tractors: Late 430, 530; 470, 570; Trenchers: DH5; Wheel Tractors: 430 CK, 480 CK, 480B, 480C, 480D;
Wheel Tractors: 480 LL, 530 CK, 580 CK, 580B; Windrowers: Late 1150; 1255;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	924134	In-Frame Kit			I	
	1	925134	Out-of-Frame Kit	O			
	4	121222	Sleeve & Piston Assembly	O		I	
	4	121216	Piston Assembly				
	4	121223	Cylinder Liner (Includes O-Rings)				
	4	121218	Cylinder Liner O-Ring Package				
	4	121215	Piston Ring Set, w/Late 3 Ring Pistons (Keystone Top Ring)				
	4	221186	STD Rod Bearing	O		I	
	4	221187	.002 Rod Bearing				
	4	221188	.010 Rod Bearing				
	4	221189	.020 Rod Bearing				
	4	221191	.030 Rod Bearing				
	1	221169	STD Main Bearing Set	O		I	
	1	221171	.002 Main Bearing Set				
	1	221172	.010 Main Bearing Set				
	1	221173	.020 Main Bearing Set				
	1	221174	.030 Main Bearing Set				
	1	321225	Head Gasket Set	O		I	
	2	321226	Positive Valve Seal Set, Optional (Not in Gasket Sets)				
	1	321227	Valve Cover Gasket				
	1	321231	Lower Gasket Set w/Seals (All Pans)	O			
	1	321235	Timing Cover Gasket				
	1	321242	Injection Pump Gear Cover Gasket, w/Coolant Port				
	1	321229	Full Gasket Set w/Seals (All Pans)				
	1	321228	Pan Gasket Set (Pan wo/Ears)			I	
	1	321232	Pan Gasket Set (Steel Pan w/Ears)			I	
	1	321233	Pan Gasket Set (Cast Pan w/Ears)			I	
	1	321236	Front Crank Seal				
	1	321237	Front Wear Sleeve, Optional (Not in Gasket Sets)				
	1	321238	Rear Crank Seal				
	1	321239	Rear Wear Sleeve, Optional (Not in Gasket Sets)				
	4	221192	Pin Bushing, Rods w/1.250" Pin Boss "Fits Both Rods"				
	4	221175	Pin Bushing, Rods w/1.300" Pin Boss				
	1	221176	Cam Bearing Set				
	8	721146	Rod Bolt				
	8	721135	Rod Nut				
	1	721147	Stud Kit w/Flanged Nuts (19 Studs)				
	1	721148	Hex Head Bolt & Stud Kit w/Washers (17 Bolts & 2 Studs)				
	1	721136	12 Pt Bolt & Stud Kit w/Washers (17 Bolts & 2 Studs)				

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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CASE

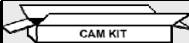
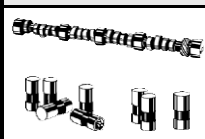
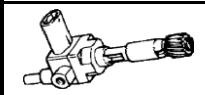
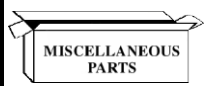


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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	929515	Cam Kit					C
								
	1	929132	Valve Train Kit		V			
	1	521132	Camshaft					C
	1	521133	Cam Thrust Plate					
	1	521134	Cam Key					
	1	521135	Cam Gear Lock Washer					
	8	521136	Tappet					C
	4	421155	Exhaust Valve		V			
	4	421156	Intake Valve		V			
	4	421157	Exhaust Valve Guide		V			
	4	421158	Intake Valve Guide		V			
	8	421159	Valve Spring		V			
	16	421161	Valve Keeper (Half)		V			
	8	421164	Valve Spring Retainer					
	8	421168	Valve Spring Seat (Cup)					
	4	421162	Exhaust Valve Seat					
	4	401121	Intake Valve Seat					
	4	421165	Rocker Arm, Right Hand					
	4	421166	Rocker Arm, Left Hand					
	2	421167	Rocker Arm Shaft					
	1	521137	Cam Timing Gear					
	1	521143	Crank Timing Gear, Early (1.062" Wide) Use w/Spacer					
	1	521138	Crank Timing Gear, Late (1.156" Wide) Crank wo/Spacer					
	1	521139	Idler Gear w/Bushing					
	1	521141	Injection Pump Drive Gear					
	8	521142	Push Rod					
	1	621129	New Oil Pump					
	1	621131	Rebuilt Oil Pump					
	1	621132	Oil Pump Shim (.002")					
	1	621133	Oil Pump Shim (.005")					
	1	121198	Block Repair Sleeve, Lower Liner Pilot Bore					
	1	721151	Crankshaft, Early Engine w/Pilot Bushing					
	1	721149	Crankshaft, Late Engine w/Internal Drive Spline					
	1	721141	Plug, Early Cam (2 1/8")					
	1	721138	Plug, Late Cam (1 7/8")					
	1	721139	Plug, Block Filter Adapter Hole (1")					
	3	721139	Plug, Head Internal (1") Heads w/Pencil Nozzles					
	1	721125	Plug, Head External (1 3/4" Cup Type)					
	1	721152	Plug, Head External (1 3/4" Flat Type)					
	1	821148	New Water Pump					
	1	821119	Thermostat (180 Degree)					
	1	821141	Block Heater					
	4	821144	Nozzle Tube, Heads wo/Pencil Nozzles					