

CASE



ENGINE: 188D Thru # 2610996
Narrow Flange Liners

BORE: 3.8125"	4 Cyl	Diesel	NOTES: 4.458" Liner Flange OD
APPLICATION: Combines: Early 600,660; Crawlers: Early 310G,450; 310E,310F,420C; Loaders: W3; Early W5A,500 LK; Tractors: Early 430, 530; 630; Wheel Tractors: Early 430 CK, 530 CK; Windrowers: Early 1150;			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
							
	1	924131	In-Frame Kit			I	
	1	925131	Out-of-Frame Kit		O		
	4	121214	Sleeve & Piston Assembly		O	I	
	4	121216	Piston Assembly				
	4	121217	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	121219	Piston Ring Set, w/Early 4 Ring Pistons (Rect 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	321241	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				
	1	321243	Full Gasket Set w/Seals (All Pans)				
	1	321228	Pan Gasket Set (Pan w/o/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 Bush, Original Rod (1.250" Pin Boss) "Fits Both Rods"				
	4	221175	Pin Bushing, w/Replacement Rod (1.300" Pin Boss)				
	1	221249	Cam Brg Set, Early (1.220" Rr Bearing & .718" Ctr Bearing)				
	1	221176	Cam Brg Set, Late Cam w/Tach Gear (.985" Rr & .500" Ctr)				
	8	721146	Rod Bolt				
	8	721135	Rod Nut				
	1	721147	Stud Kit w/Flanged Nuts (19 Studs)				
	1	721148	Head Bolt & Stud Kit w/Washers (17 Bolts & 2 Studs)				

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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	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					
	4	421247	Rocker Arm Shaft Spring					
	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, Cam (2 1/8")					
	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					

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