




# CONTINENTAL ENGINE PARTS

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CONTINENTAL ENGINE PARTS: E223			
BORE: 3.8125"	4 Cyl	Gas	NOTES:
APPLICATION:	Tractors: 85, 88 Massey Ferguson;		
	QTY	ITEM #	DESCRIPTION
	1	181496	Sleeve & Piston Kit (Set of 4)
	4	181541	Piston Assembly
	4	181491	Cylinder Liner O-Ring Package
	1	181488	Piston Ring Set (1-3/32 2-1/8 1-1/4)
	1	101251	Piston Ring Set, 3.875" Overbore (3-3/32 1-1/4)
	4	281575	STD Rod Bearing
	4	281576	.002 Rod Bearing
	4	281577	.010 Rod Bearing
	4	281578	.020 Rod Bearing
	4	281579	.030 Rod Bearing
	1	281581	STD Main Bearing Set
	1	281582	.010 Main Bearing Set
	1	281583	.020 Main Bearing Set
	1	281584	.030 Main Bearing Set
	1	381423	Head Gasket Set
	4	381254	Intake Valve Seal
	1	381424	Full Gasket Set w/Seals
	1	381421	Pan Gasket
	1	381282	Front Crank Seal
	1	301115	Front Wear Sleeve
	1	381396	Rear Crank Seal
	4	281559	Pin Bushing
	1	281328	Outboard Cam Bushing (Timing Cover)
	1	281585	Front Cam Bushing (Block)
	8	781236	Slotted Rod Nut

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	QTY	ITEM #	DESCRIPTION	
	1	581385	Camshaft	
	1	581374	Camshaft Thrust plate	
	1	581197	Cam Key (1/4" x 7/8")	
	8	581375	Tappet	
	4	481363	Exhaust Valve (Stellite)	
	4	481366	Intake Valve, Gasoline	
	4	481367	Intake Valve, LP	
	8	481371	Valve Guide	
	8	481195	Valve Spring	
	4	481196	Exhaust Valve Rotator, Gasoline	
	4	481197	Exhaust Valve Rotator Assembly, Gas (Rotator & Spring)	
	4	481372	Intake Valve Retainer, Gasoline	
	16	481198	Valve Taper Lock Keeper (Half)	
	8	481211	Rocker Arm Ball Socket	
	4	401132	Exhaust Valve Seat (1.187 x 1.442" x .219")	
	4	401116	Intake Valve Seat (1.406 x 1.687" x .250")	
	1	481373	Rocker Arm Shaft	
	1	481374	Rocker Arm Shaft Assembly	
	8	481178	Rocker Arm Adjusting Screw	
	1	581382	Cam Gear	
	1	581383	Crank Gear	
	8	581378	Pushrod	
	1	681175	Oil Pump Kit (Machining Required)	
	1	681134	Oil Screen (Float Type)	
Miscellaneous Parts	1	791154	Plug, Cam (2" Welch)	
	1	881162	Governor Assembly	
	1	881163	Governor Control Shaft Kit (2 Bearings, Seal, Felt)	
	1	881166	Thermostat (165 Degree)	
	1	881188	New Water Pump	