

CONTINENTAL



ENGINE: Z145

BORE: 3.375"	4 Cyl	Gas / LP	NOTES: Flanged Center Thrust Main
APPLICATION: Forklifts: 2500, 4500 Massey Ferguson; Industrial Tractors: 20C, 30B Massey Ferguson; Tractors: 135 Deluxe, 135 Vineyard, 150, 230, 235, 245 Massey Ferguson;			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
							
	1	984122	In-Frame Kit			I	
	1	985122	Out-of-Frame Kit		O		
	4	181222	Sleeve & Piston Kit		O	I	
	4	181223	Piston Assembly				
	4	181224	Cylinder Liner (Includes O-Rings)				
	4	181225	Cylinder Liner O-Ring Package				
	1	181226	Piston Ring Set (3-1/8 1-3/16)				
	4	281268	STD Rod Bearing		O	I	
	4	281269	.002 Rod Bearing				
	4	281271	.010 Rod Bearing				
	4	281272	.020 Rod Bearing				
	4	281273	.030 Rod Bearing				
	4	281274	.040 Rod Bearing				
	4	281275	.060 Rod Bearing				
	1	281276	STD Main Bearing Set		O	I	
	1	281277	.010 Main Bearing Set				
	1	281278	.020 Main Bearing Set				
	1	281279	.030 Main Bearing Set				
	1	281281	.040 Main Bearing Set				
	1	281282	.060 Main Bearing Set				
	1	381249	Head Gasket Set			I	
	1	381251	Head Gasket				
	1	381252	Valve Cover Gasket Kit (Incls Vent Gasket & Stud Washers)				
	1	381253	Manifold Gasket				
	4	381254	Intake Valve Seal				
	1	381255	Full Gasket Set w/Seals		O		
	1	381256	Block Gasket Set w/Seals				
	1	381257	Timing Cover Gasket				
	1	381258	Pan Gasket			I	
	1	381259	Main Cap Packing "RTV Sealer Is Recommended Upgrade"			I	
	1	381261	Front Crank Seal				
	1	301123	Front Wear Sleeve				
	1	381262	Rear Crank Seal				
	1	301134	Rear Wear Sleeve				
	1	381263	Rear Seal Housing Gasket			I	
	1	381264	Rear Crank Seal Kit(Incls Seal, Hsg Gasket & Cap Packing)				
	1	381265	Crk Seal Kit (Front Seal & Felt + Rear Seal & Hsg Gasket)				
	4	281283	Pin Bushing (Split Bushing)				
	4	281286	Pin Bushing (Full Round Bushing)				
	4	281284	Oversize Pin Bushing (Full Round .0055" Oversize OD)				
	1	281285	Cam Bearing Set (Requires Block Machining)				
	8	781172	Rod Bolt				
	8	781173	Rod Bolt Lock				

CLICK THE ITEM # TO VIEW OR PURCHASE PART

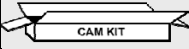
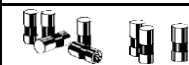
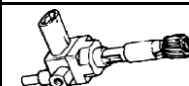
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	1	989313	Basic Valve Kit					B
	1	989113	Valve Train Kit				V	
	1	581163	Camshaft					
	1	581164	Cam Thrust Plate					
	1	581185	Camshaft Nut					
	1	591125	Cam Key (5/32" x 5/8")					
	8	581165	Tappet					
	4	481165	Exhaust Valve (1.140" Hd Dia w/Groove For Taper Lock)		V			B
	4	481166	Intake Valve (1.278" Hd Dia w/Hole For Pin Lock)		V			B
	8	481167	Valve Guide		V			B
	8	481168	Valve Spring		V			B
	4	481169	Exhaust Valve Rotator		V			
	8	481171	Exhaust Valve Taper Lock Keeper (Half)		V			B
	4	481172	Intake Valve Pin Type Lock		V			B
	1	481173	Exhaust Valve Wear Pad Kit(For Valves w/ Pivot Hole In Tip)					
	1	481174	Intake Valve Stem Cap Kit					
	1	481175	Intake Valve Spring Retainer Kit					
	4	401129	Exhaust Valve Seat (1.000" x 1.250" x .219")					
	4	401143	Intake Valve Seat (1.125 x 1.375" x .187")					
	4	481176	LH Rocker Arm					
	4	481177	RH Rocker Arm					
	8	481178	Rocker Arm Adjusting Screw					
	1	481179	Rocker Arm Bushing Set					
	1	481181	Rocker Arm Shaft					
	1	481182	Rocker Arm Shaft Spring Set (3 Long, 2 Short)					
	1	581166	Cam Gear:MF20C,MF30B,MF230,MF235,MF245,MF4500(1)					
	1	581172	Cam Gear: MF135, MF150, MF2500 (1)					
	1	581175	Crank Gear (2)					
	1	581183	Gear Set: MF135, MF150, MF2500 (Cam & Crank)					
	8	581184	Push Rod					
	1	681125	Oil Pump Package (Partial Assembly Required)					
	1	681126	Oil Pump Shim					
	1	681127	Oil Pump Kit (3 Gears, Shaft, Bushings, Valve, Spring, Gkt)					
	1	781138	Crankshaft					
	1	791123	Plug, Cam (2 1/8")					
	1	881151	Governor Assembly (Weight Unit, Cup & Shaft)					
	1	881152	Governor Control Shaft Kit (2 Bearings, Seal, Felt)					
	1	881153	Thermostat: MF135, MF150, MF2500 (160 Degree)					
	1	881156	Thermostat: Except MF135, MF150, MF2500 (180 Degree)					
	1	881154	New Water Pump: MF135, MF150, MF2500					
	1	881155	Water Pump Pulley: MF135, MF235, MF4500					

(1)Other Sizes Available: 581167 -.002 / 581168 -.001 / 581169 +.001 / 581171 +.002 / 581173 +.003 / 581174 +.005

(2)Other Sizes Available: 581176 -.002 / 581177 -.001 / 581178 +.001 / 581179 +.002 / 581181 +.003 / 581182 +.005

CT-145-A

4/1/2004

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