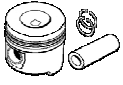
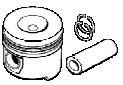



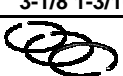
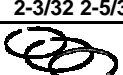
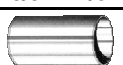












CONTINENTAL ENGINE PARTS

Tel: 713-864-7084


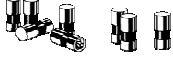




Fax: 713-864-5190

CONTINENTAL ENGINE PARTS: F162/F163				
BORE: 3.4375"	4 Cyl	Gas	NOTES: Listing Also Includes FS162, F4162, F4162A, LF162, PF	
APPLICATION:	Combines: 15, 17, 18, 22 Massey Harris; Forklifts & Power Units; Tractors: C26 Intercontinental; 101 Jr, 102 Jr, 30, I-162 Massey Harris; Most Silver King			
Available Kits	QTY	ITEM #	DESCRIPTION	Included in Kit
	1	985124	Out-of-Frame Kit: F162	Kit #1
	1	985242	Out-of-Frame Kit: Early F163	Kit #2
	1	985243	Out-of-Frame Kit: Late F163	Kit #3
 3-1/8 1-1/4	4	181278	STD Piston Assembly (3-1/8 1-1/4 Grooves)	1,2,3
	4	181279	.020 Piston Assembly (3-1/8 1-1/4 Grooves)	
	4	181281	.030 Piston Assembly (3-1/8 1-1/4 Grooves)	
	4	181282	.040 Piston Assembly (3-1/8 1-1/4 Grooves)	
	4	181283	.060 Piston Assembly (3-1/8 1-1/4 Grooves)	
 1-5/64 2-3/32 1-1/4	4	181284	STD Piston Assembly (1-5/64 2-3/32 1-1/4 Grooves)	
	4	181285	.020 Piston Assembly (1-5/64 2-3/32 1-1/4 Grooves)	
	4	181286	.030 Piston Assembly (1-5/64 2-3/32 1-1/4 Grooves)	
	4	181287	.040 Piston Assembly (1-5/64 2-3/32 1-1/4 Grooves)	
	4	181288	.060 Piston Assembly (1-5/64 2-3/32 1-1/4 Grooves)	
 3-1/8 1-1/4	4	181289	STD Ring Set (3-1/8 1-1/4)	1, 2, 3
	4	181291	.020 Ring Set (3-1/8 1-1/4)	
	4	181292	.030 Ring Set (3-1/8 1-1/4)	
	4	181293	.040 Ring Set (3-1/8 1-1/4)	
	4	181294	.060 Ring Set (3-1/8 1-1/4)	
 1-5/64 2-3/32 1-1/4	4	181295	STD Ring Set (1-5/64 2-3/32 1-1/4)	
	4	181296	.020 Ring Set (1-5/64 2-3/32 1-1/4)	
	4	181297	.030 Ring Set (1-5/64 2-3/32 1-1/4)	
	4	181298	.040 Ring Set (1-5/64 2-3/32 1-1/4)	
	4	181299	.060 Ring Set (1-5/64 2-3/32 1-1/4)	
 3-3/32 1-1/4	4	101133	STD Ring Set (3-3/32 1-1/4)	
	4	101134	.020 Ring Set (3-3/32 1-1/4)	
	4	101135	.030 Ring Set (3-3/32 1-1/4)	
	4	101136	.040 Ring Set (3-3/32 1-1/4)	
	4	101137	.060 Ring Set (3-3/32 1-1/4)	
 3-1/8 1-3/16	4	101141	STD Ring Set (3-1/8 1-3/16)	
	4	101142	.020 Ring Set (3-1/8 1-3/16)	
	4	101143	.030 Ring Set (3-1/8 1-3/16)	
	4	101144	.040 Ring Set (3-1/8 1-3/16)	
	4	101145	.060 Ring Set (3-1/8 1-3/16)	
 2-3/32 2-5/32	4	101151	STD Ring Set (2-3/32 2-5/32)	
	4	101152	.020 Ring Set (2-3/32 2-5/32)	
	4	101153	.030 Ring Set (2-3/32 2-5/32)	
	4	101154	.040 Ring Set (2-3/32 2-5/32)	
	4	101155	.060 Ring Set (2-3/32 2-5/32)	
 1-3/32 2-1/8 1-1/4	4	101161	STD Ring Set (1-3/32 2-1/8 1-1/4)	
	4	101162	.020 Ring Set (1-3/32 2-1/8 1-1/4)	
	4	101163	.030 Ring Set (1-3/32 2-1/8 1-1/4)	
	4	101164	.040 Ring Set (1-3/32 2-1/8 1-1/4)	
	4	101165	.060 Ring Set (1-3/32 2-1/8 1-1/4)	
	4	101148	Notched Repair Liner (3.628" OD / 7.500" OAL)	
	4	101149	Notched Repair Liner (3.6905" OD / 7.500" OAL)	

CONTINENTAL ENGINE PARTS: F162/F163




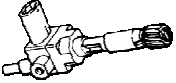
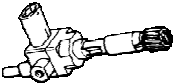
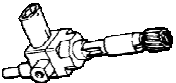

	QTY	ITEM #	DESCRIPTION	Included in Kit
 <p>F162 1.937" Std Journal</p>	1	281372	STD Rod Bearing Set (2-LH & 2-RH)	1
	1	281373	.010 Rod Bearing Set (2-LH & 2-RH)	
	1	281374	.020 Rod Bearing Set (2-LH & 2-RH)	
	1	281375	.030 Rod Bearing Set (2-LH & 2-RH)	
	1	281376	.040 Rod Bearing Set (2-LH & 2-RH)	
	1	281377	.060 Rod Bearing Set (2-LH & 2-RH)	
 <p>Early F163 Rod #1&3-RH Tang Rod #2&4-LH Tang 2.062" Std Journal</p>	1	281378	STD Rod Bearing Set (2-LH & 2-RH)	2
	1	281379	.002 Rod Bearing Set (2-LH & 2-RH)	
	1	281381	.010 Rod Bearing Set (2-LH & 2-RH)	
	1	281382	.020 Rod Bearing Set (2-LH & 2-RH)	
	1	281383	.030 Rod Bearing Set (2-LH & 2-RH)	
	1	281384	.040 Rod Bearing Set (2-LH & 2-RH)	
	1	281385	.050 Rod Bearing Set (2-LH & 2-RH)	
	1	281386	.060 Rod Bearing Set (2-LH & 2-RH)	
 <p>Late F163 All 4 Rods-RH Tang 2.062" Std Journal</p>	4	281387	STD Rod Bearing	3
	4	281388	.002 Rod Bearing	
	4	281389	.010 Rod Bearing	
	4	281391	.020 Rod Bearing	
	4	281392	.030 Rod Bearing	
	4	281393	.040 Rod Bearing	
	4	281394	.050 Rod Bearing	
	4	281395	.060 Rod Bearing	
 <p>Flangeless Front F162</p>	1	281411	STD Main Bearing Set wo/Thrust Washers (1)	1
	1	281412	.010 Main Bearing Set wo/Thrust Washers (1)	
	1	281413	.020 Main Bearing Set wo/Thrust Washers (1)	
	1	281414	.030 Main Bearing Set wo/Thrust Washers (1)	
	1	281415	.040 Main Bearing Set wo/Thrust Washers (1)	
	1	281416	Thrust Washer Set	1
	(1)Main Bearing Sets Including Both Thrust Washers: 281421 STD / 281422 -.010 / 281423 -.020 / 281424 -.030 / 281425 -.040			
 <p>Single Flange Front F162 / 2.250" Jnl</p>	1	281396	STD Main Bearing Set wo/Thrust Washer	
	1	281397	.010 Main Bearing Set wo/Thrust Washer	
	1	281398	.020 Main Bearing Set wo/Thrust Washer	
	1	281399	.030 Main Bearing Set wo/Thrust Washer	
	1	281316	Thrust Washer	
 <p>Flanged Center Main F163 / 2.375" Jnl</p>	1	281426	STD Main Bearing Set	2,3
	1	281427	.010 Main Bearing Set	
	1	281428	.020 Main Bearing Set	
	1	281429	.030 Main Bearing Set	
	1	381318	Full Gasket Set w/Seals: All Except Clark & Ross Forklifts	1,2,3
	1	381319	Head Gasket Set " For Head Gasket Only Use 381323"	
	1	381322	Pan Gasket Set	
	1	381261	Front Crank Seal "For Wear Sleeve Use 301123"	
	1	381321	Rear Crank Seal Set	
	4	281283	Pin Bushing (Split Bushing / .915" OD)	
	4	281286	Pin Bush (Solid/.915" OD)"Use 281284 For .0055" Oversize"	
	4	281431	Pin Bushing (1.063" OD) "Use 281432 For .010" Oversize"	
	1	281433	Cam Bushing Set	
	8	781195	Rod Bolt	
	8	781196	Rod Nut	

CONTINENTAL ENGINE PARTS: F162/F163

	QTY	ITEM #	DESCRIPTION	Included in Kit
	1	581247	Camshaft: Tractors (Cast / Solid Nose / 3 Bolt Thrust Plate)	
	1	581248	Camshaft (Cast / Solid Nose / 2 Bolt Thrust Plate)	
	1	581249	Camshaft (Cast / Hollow Nose / 2 Bolt Thrust Plate)	
	1	581251	Camshaft (Steel / Solid Nose / 2 Bolt Thrust Plate)	
	1	581252	Camshaft (Steel / Hollow Nose / 2 Bolt Thrust Plate)	
	1	581253	Cam Thrust Plate (2 Bolt)	
	1	581254	Cam Thrust Plate (3 Bolt)	
	1	591125	Cam Key (5/32" x 5/8")	
	1	581255	Cam Nut (3/4" NF Special)	
	1	581256	Cam Nut (7/8")	
	1	581257	Cam Nut (1")	
	8	581258	STD Tappet	
	8	581259	.001 Oversize Tappet	
	8	581261	.002 Oversize Tappet	
	8	581262	.003 Oversize Tappet	
	8	581263	.005 Oversize Tappet	
	4	481261	Exhaust Valve (Drilled Stem / 1.203" Head)	
	4	481263	Exhaust Valve (Drilled Stem / 1.328" Head)	
	4	481264	Exhaust Valve (Stepped 5/16" Tip / Grooved / 1.203" Head)	
	4	481265	Exhaust Valve (Stepped / Grv Stem / 1.203" Head / Stellite)	
	4	481267	Exhaust Valve (Taper Groove / 1.203" Head / Free Rotating)	
	4	481268	Exhaust Valve (Taper Groove / 1.328" Head / Free Rotating)	
	4	481262	Intake Valve (Drilled Stem / 1.520" Head)	
	4	481266	Intake Valve (Stepped 5/16" Tip / Grooved / 1.516" Head)	
F162 / Early F163				
	4	481271	Exhaust Valve (Full 11/32" Grooved Stem / 1.203" Head)	
	4	481272	Ex Valve (Full 11/32" Grooved Stem / 1.203" Head / Stellite)	
	4	481273	Ex Valve, LP (Full 11/32" Grv Stem / 1.203" Hd / Stellite)	
	4	481274	In Valve (Full 11/32" Grv Stem / .290" Grv-Tip / 1.516" Hd)	
Late F163				
	8	481275	Intake & Exhaust Valve Guide (.343" ID) (2)	
	4	481276	Exhaust Valve Guide, w/Free Rotating Valves (.375" ID)	
	8	481168	Valve Spring	
	4	481169	Exhaust Valve Rotator	
	8	481172	Valve Keeper, Use w/Drilled Stem (Pin Type Lock)	
	16	481171	Valve Keeper, Use w/481265 & 481266 Valves (Taper Lock)	
	8	481278	Valve Keeper, Use w/Free-Rotating Ex Valves	
	8	481279	Valve Retainer, w/Pin Type Lock	
	4	481281	Intake Retainer, w/Taper Lock Keeper	
	4	481282	Stem Cap, Free-Rotating Exhaust Valve	
F162 / Early F163				
	8	481277	Valve Guide (Nitrocarburized) (2)	
	8	481168	Valve Spring	
	4	481283	Exhaust Valve Rotator Asb "For Rotator Only Use 481196"	
	16	481198	Valve Taper Lock Keeper (Half)	
4	481284	Intake Retainer		
Late F163				

(2)8 - 301138 Valve Seals Recommended

CONTINENTAL ENGINE PARTS: F162/F163

	QTY	ITEM #	DESCRIPTION	Included in Kit
	4	401146	STD Exhaust Seat, w/1.203" Valve (1.087"x1.348"x .200")	
	4	481212	.010 Exhaust Seat, w/1.203" Valve (1.087"x1.358"x .200")	
	4	401132	STD Exhaust Seat, w/1.328" Valve (1.187 x 1.442" x .219")	
	4	401161	.010 Exhaust Seat, w/1.328" Valve (1.187 x 1.452" x .219")	
	4	401128	STD Intake Seat (1.375 x 1.630" x .219")	
	4	401162	.010 Intake Seat (1.375 x 1.640" x .219")	
	1	581264	Cam Gear, F400H310 (48 Tooth / 1.000" Hub Length)	
	1	581265	Cam Gear, F400H405 (Hardened / 48 Tooth / 1.000" Hub)	
	1	581267	Cam Gear, F400H227 (Hardened / 48 Tooth / 1.187" Hub)	
	1	581268	Cam Gear, F124H302 (48 Tooth / .906" Hub w/Gov)	
	1	581269	Cam Gear, F124H401 (Hardened / 48 T / .906" Hub w/Gov)	
	1	581271	Crank Gear, D600H300 (24 Tooth)	
	1	581272	Crank Gear, F400H326 (Hardened / 24 Tooth)	
	1	581273	Idler Gear, F400H3240 (39 Tooth / Bushing Type)	
	1	581274	Idler Gear, F209H3011 (43 Tooth)	
	1	581275	Fan Drive Gear, F209H303 (20 Tooth)	
	1	581277	Pump Gear, F400H321 (36 Tooth)	
	1	581278	Pump Gear, F400H330 (29 Tooth)	
	1	581279	Pump Gear, F400H337 (24 Tooth)	
	1	581281	Pump Gear, F600H318 (34 Tooth)	
1	581282	Accessory Drive Gear, F162H200 (24 Tooth)		
	1	581283	Cam Gear, F400H403 (Hardened / 56 Tooth)	
	1	581284	Cam Gear, F400H406 (Hardened / 56 Tooth)	
	1	581287	Crank Gear, F226H202 (Hardened / 28 Tooth)	
	1	581288	Crank Gear, F600H317 (Hardened / 28 Tooth)	
	1	581289	Crank Gear, F400H334 (28 Tooth)	
	1	581292	Idler Gear, F600H321 (50 Tooth / Bearing Type)	
	1	681141	Oil Pump (Cast Gear / 7 1/8" Flg to Tip / Bypass&Full Flow)	
	1	681142	Oil Pump (Steel Gear / 7 1/8" Flg to Tip / Bypass&Full Flow)	
	1	681145	Oil Pump (Cast Gear / 7 1/8" Long / Full Flow / Relief Valve)	
	1	681146	Oil Pump (Steel Gear / 7 1/8" Long / Full Flow / Relief Valve)	
	1	681147	Oil Pump (Cast Drive Gear / 9 1/8" Mtg Flange to Shaft Tip)	
	1	681148	Oil Pump (Steel Drive Gear / 9 1/8" Mtg Flange to Shaft Tip)	
	1	681149	Oil Pump Screen	
	1	681151	Oil Pump (Cast Gear / 7 1/8" Flg to Tip / Bypass&Full Flow)	
	1	681152	Oil Pump (Steel Drive Gear / 7 1/8" Mtg Flange to Shaft Tip)	
	1	681154	Oil Pump Screen (3)	
	1	681155	Oil Pump Kit, OEM Pumps w/Cast Drive Gear	
	1	681156	Oil Pump Kit, OEM Pumps w/Steel Drive Gear	
	1	681157	Cast Drive Gear "Use w/Cast Camshafts"	
	1	681158	Steel Drive Gear "Use w/Steel Camshafts"	
	1	681159	Oil Pump Drive Shaft Support Bushing "Fits in Block"	
	1	281294	Thrust Adjustment Shim Package (.002 & .008 Shims)	
	1	781197	Crankshaft Thrust Plate: Engines w/Front Thrust Bearing	
	1	781198	Expansion Plug Kit (Includes 3-Block & 1-Cam Plug)	
	1	881156	Thermostat (180 Degree)	

(3)Tube Type Pickup and Screen