

CONTINENTAL



ENGINE: F244/F245

BORE: 3.4375"	6 Cyl	Gas	NOTES: Listing Also Includes A244, A6244, F6244, S244, 25B Engine Models
APPLICATION: Forklifts & Power Units; Tractors: 102 Senior, I-244 Massey Harris;			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	985247	Out-of-Frame Kit: F244				O
 3-1/8 1-1/4	6	181278	STD Piston Assembly (3-1/8 1-1/4 Grooves)				
	6	181279	.020 Piston Assembly (3-1/8 1-1/4 Grooves)				
	6	181281	.030 Piston Assembly (3-1/8 1-1/4 Grooves)				
	6	181282	.040 Piston Assembly (3-1/8 1-1/4 Grooves)				
	6	181283	.060 Piston Assembly (3-1/8 1-1/4 Grooves)				
 1-5/64 2-3/32 1-1/4	6	181284	STD Piston Assembly (1-5/64 2-3/32 1-1/4 Grooves)				O
	6	181285	.020 Piston Assembly (1-5/64 2-3/32 1-1/4 Grooves)				
	6	181286	.030 Piston Assembly (1-5/64 2-3/32 1-1/4 Grooves)				
	6	181287	.040 Piston Assembly (1-5/64 2-3/32 1-1/4 Grooves)				
	6	181288	.060 Piston Assembly (1-5/64 2-3/32 1-1/4 Grooves)				
 3-1/8 1-1/4	6	181289	STD Ring Set (3-1/8 1-1/4)				
	6	181291	.020 Ring Set (3-1/8 1-1/4)				
	6	181292	.030 Ring Set (3-1/8 1-1/4)				
	6	181293	.040 Ring Set (3-1/8 1-1/4)				
	6	181294	.060 Ring Set (3-1/8 1-1/4)				
 1-5/64 2-3/32 1-1/4	6	181295	STD Ring Set (1-5/64 2-3/32 1-1/4)				O
	6	181296	.020 Ring Set (1-5/64 2-3/32 1-1/4)				
	6	181297	.030 Ring Set (1-5/64 2-3/32 1-1/4)				
	6	181298	.040 Ring Set (1-5/64 2-3/32 1-1/4)				
	6	181299	.060 Ring Set (1-5/64 2-3/32 1-1/4)				
 3-3/32 1-1/4	6	101133	STD Ring Set (3-3/32 1-1/4)				
	6	101134	.020 Ring Set (3-3/32 1-1/4)				
	6	101135	.030 Ring Set (3-3/32 1-1/4)				
	6	101136	.040 Ring Set (3-3/32 1-1/4)				
	6	101137	.060 Ring Set (3-3/32 1-1/4)				
 3-1/8 1-3/16	6	101141	STD Ring Set (3-1/8 1-3/16)				
	6	101142	.020 Ring Set (3-1/8 1-3/16)				
	6	101143	.030 Ring Set (3-1/8 1-3/16)				
	6	101144	.040 Ring Set (3-1/8 1-3/16)				
	6	101145	.060 Ring Set (3-1/8 1-3/16)				
 2-3/32 2-5/32	6	101151	STD Ring Set (2-3/32 2-5/32)				
	6	101152	.020 Ring Set (2-3/32 2-5/32)				
	6	101153	.030 Ring Set (2-3/32 2-5/32)				
	6	101154	.040 Ring Set (2-3/32 2-5/32)				
	6	101155	.060 Ring Set (2-3/32 2-5/32)				
 1-3/32 2-1/8 1-1/4	6	101161	STD Ring Set (1-3/32 2-1/8 1-1/4)				
	6	101162	.020 Ring Set (1-3/32 2-1/8 1-1/4)				
	6	101163	.030 Ring Set (1-3/32 2-1/8 1-1/4)				
	6	101164	.040 Ring Set (1-3/32 2-1/8 1-1/4)				
	6	101165	.060 Ring Set (1-3/32 2-1/8 1-1/4)				
	6	101148	Notched Repair Liner (3.628" OD / 7.500" OAL)				
	6	101149	Notched Repair Liner (3.6905" OD / 7.500" OAL)				

CONTINENTAL



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BORE: 3.4375"	6 Cyl	Gas	NOTES: Listing Also Includes A244, A6244, F6244, S244, 25B Engine Models
APPLICATION: Forklifts & Power Units; Tractors: 102 Senior, I-244 Massey Harris;			

	QTY	ITEM #	DESCRIPTION	LETTERED INCLUDED	ITEMS IN KIT
 F244 Early F245 Rod #1/3/5-RH Tang Rod #2/4/6-LH Tang	1	281434	STD Rod Bearing Set (3-LH & 3-RH)		0
	1	281435	.002 Rod Bearing Set (3-LH & 3-RH)		
	1	281436	.010 Rod Bearing Set (3-LH & 3-RH)		
	1	281437	.020 Rod Bearing Set (3-LH & 3-RH)		
	1	281438	.030 Rod Bearing Set (3-LH & 3-RH)		
	1	281439	.040 Rod Bearing Set (3-LH & 3-RH)		
	1	281441	.050 Rod Bearing Set (3-LH & 3-RH)		
	1	281442	.060 Rod Bearing Set (3-LH & 3-RH)		
 Late F245 All 6 Rods-RH Tang	6	281387	STD Rod Bearing		
	6	281388	.002 Rod Bearing		
	6	281389	.010 Rod Bearing		
	6	281391	.020 Rod Bearing		
	6	281392	.030 Rod Bearing		
	6	281393	.040 Rod Bearing		
	6	281394	.050 Rod Bearing		
	6	281395	.060 Rod Bearing		
 Flangeless Front Thrust F244	1	281443	STD Main Bearing Set w/Thrust Washers		0
	1	281444	.010 Main Bearing Set w/Thrust Washers		
	1	281445	.020 Main Bearing Set w/Thrust Washers		
	1	281446	.030 Main Bearing Set w/Thrust Washers		
	1	281447	.040 Main Bearing Set w/Thrust Washers		
	1	281448	Front Thrust Washer (.126" Thick)		
	1	281449	Rear Thrust Washer (.095" Thick)		
 Flanged Rear Main F245	1	281451	STD Main Bearing Set		
	1	281452	.010 Main Bearing Set		
	1	281453	.020 Main Bearing Set		
	1	281454	.030 Main Bearing Set		
	1	281455	.040 Main Bearing Set		
	1	281456	.060 Main Bearing Set		
	1	381324	Full Gasket Set w/Seals: F244 (1)		0
	1	381325	Full Gasket Set w/Seals: F245 (1)		
	1	381326	Head Gasket Set		
	1	381327	Head Gasket		
	1	381328	Manifold Gasket Set (Oval Exhaust Ports)		
	1	381329	Tappet Cover Gasket Set		
	1	381331	Pan Gasket Set		
	1	381261	Front Crank Seal		
	1	301123	Front Wear Sleeve		
	1	381321	Rear Crank Seal Set		
	6	281283	Pin Bushing (Split Bushing / .915" OD)		
	6	281286	Pin Bushing (Full Round Solid Bushing / .915" OD)		
	6	281284	.0055 Oversize Pin Bushing (Full Round Solid / .9205" OD)		
	6	281431	Pin Bushing, Early Rods (1.063" OD)		
	6	281432	.010 Oversize Pin Bushing, Early Rods (1.073" OD)		
	1	281457	Cam Bushing Set		
	12	781195	Rod Bolt		
	12	781196	Rod Nut		

(1) Common Timing Cover Gaskets Included In Set, Optional Timing Cover Gaskets May Be Needed

CT-244-A

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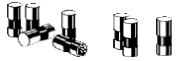
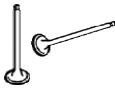
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CONTINENTAL



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BORE: 3.4375"	6 Cyl	Gas	NOTES: Listing Also Includes A244, A6244, F6244, S244, 25B Engine Models
APPLICATION: Forklifts & Power Units; Tractors: 102 Senior, I-244 Massey Harris;			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
								
								
	1	581312	Camshaft (Cast / Solid Nose / 3 Bolt Thrust Plate)					
	1	581294	Camshaft (Steel / Solid Nose / 3 Bolt Thrust Plate)					
	1	581295	Camshaft (Cast / Solid Nose / 2 Bolt Thrust Plate)					
	1	581296	Camshaft (Cast / Hollow Nose / 2 Bolt Thrust Plate)					
	1	581297	Camshaft (Steel / Solid Nose / 2 Bolt Thrust Plate)					
	1	581298	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	581256	Cam Nut (7/8")					
	1	581257	Cam Nut (1")					
	12	581258	STD Tappet					
	12	581259	.001 Oversize Tappet					
	12	581261	.002 Oversize Tappet					
	12	581262	.003 Oversize Tappet					
	12	581263	.005 Oversize Tappet					
	6	481264	Exhaust Valve (Stepped 5/16" Tip / Grooved / 1.203" Head)					
	6	481265	Exhaust Valve (Stepped / Grv Stem / 1.203" Head / Stellite)					
	6	481262	Intake Valve (Drilled Stem / 1.520" Head)					
	6	481266	Intake Valve (Stepped 5/16" Tip / Grooved / 1.516" Head)					
F244 / Early F245								
	6	481271	Exhaust Valve (Full 11/32" Grooved Stem / 1.203" Head)					
	6	481272	Ex Valve (Full 11/32" Grooved Stem / 1.203" Head / Stellite)					
	6	481273	Ex Valve, LP (Full 11/32" Grv Stem / 1.203" Hd / Stellite)					
	6	481274	In Valve (Full 11/32" Grv Stem / .290" Grv-Tip / 1.516" Hd)					
Late F245								
	12	481275	Intake & Exhaust Valve Guide (.343" ID) (2)					
	12	481168	Valve Spring					
	6	481169	Exhaust Valve Rotator					
	6	481172	Valve Keeper, Use w/Drilled Stem (Pin Type Lock)					
	24	481171	481266					
	6	481279	Valve Retainer, w/Pin Type Lock					
	6	481281	Intake Retainer, w/Taper Lock Keeper					
F244 / Early F245								
	12	481277	Valve Guide (Nitrocarburized) (2)					
	12	481168	Valve Spring					
	6	481196	Exhaust Valve Rotator					
	6	481283	Exhaust Valve Rotator Assembly (Rotator & Spring)					
	24	481198	Valve Taper Lock Keeper (Half)					
	6	481284	Intake Retainer					
Late F245								

(2)12 - 301138 Valve Seals Recommended

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BORE: 3.4375"	6 Cyl	Gas	NOTES: Listing Also Includes A244, A6244, F6244, S244, 25B Engine Models
APPLICATION: Forklifts & Power Units; Tractors: 102 Senior, I-244 Massey Harris;			

	QTY	ITEM #	DESCRIPTION	LETTERED INCLUDED	ITEMS IN	KIT
	6	401146	STD Exhaust Seat, w/1.203" Valve (1.087"x1.348"x .200")			
	6	481212	.010 Exhaust Seat, w/1.203" Valve (1.087"x1.358"x .200")			
	6	401132	STD Exhaust Seat, w/1.328" Valve (1.187 x 1.442" x .219")			
	6	401161	.010 Exhaust Seat, w/1.328" Valve (1.187 x 1.452" x .219")			
	6	401128	STD Intake Seat (1.375 x 1.630" x .219")			
	6	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	581266	Cam Gear, F400H401 (48 Tooth / 1.187" 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	581274	Idler Gear, F209H3011 (43 Tooth)			
	1	581299	Idler Gear, F209H2011 (50 Tooth)			
	1	581275	Fan Drive Gear, F209H303 (20 Tooth)			
	1	581276	Pump Gear, F209H200 (36 Tooth)			
	1	581281	Pump Gear, F600H318 (34 Tooth)			
48 T Cam Gear						
	1	581283	Cam Gear, F400H403 (Hardened / 56 Tooth)			
	1	581284	Cam Gear, F400H406 (Hardened / 56 Tooth)			
	1	581285	Cam Gear, F400H418, Bearing Type Idler (Hardened / 56 T)			
	1	581286	Cam Gear, F209H203 (56 Tooth)			
	1	581287	Crank Gear, F226H202 (Hardened / 28 Tooth)			
	1	581288	Crank Gear, F600H317 (Hardened / 28 Tooth)			
	1	581291	Crank Gear, F400H228 (28 Tooth)			
	1	581292	Idler Gear, F600H321 (50 Tooth / Bearing Type)			
	1	581293	Pump Gear, F600H319, Bearing Type Idler (34 Tooth)			
	1	581311	Pump Gear, F209H202, Bearing Type Idler (42 Tooth)			
56 T Cam Gear						
	1	681141	Oil Pump (Cast Gear / Screen Mounts Against Pump Cover)			
	1	681142	Oil Pump (Steel Gear / Screen Mounts Against Pump Cover)			
	1	681161	Oil Pump (Cast Gear / Screen Mounts 1 1/2" Below Cover)			
	1	681162	Oil Pump (Steel Gear / Screen Mounts 1 1/2" Below Cover)			
	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	681149	Oil Pump Screen (Mounts Against Pump Cover)			
	1	681187	Oil Pump Screen (Mounts On Studs 1 1/2" Below Cover)			
	1	681159	Oil Pump Drive Shaft Support Bushing "Fits in Block"			
	1	281294	Thrust Adjustment Shim Package (.002 & .008 Shims)			
	1	781199	Crankshaft Thrust Plate: Engines w/Front Thrust Bearing			
	1	711171	Cam Plug (1.500")			
	6	711172	Block Plug (1.375")			
	1	881156	Thermostat (180 Degree)			

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