

CATERPILLAR



ENGINE: 3054B (Early)
Thru 5MF10039

BORE: 4.056" 4 Cyl Diesel Notes: Belt Driven Pump, Notched Conn Rods, Rod Bearings Have Locating Tangs

APPLICATION: Industrial Engines: 5MF 1-10039 (AR# 210-6168);

Provide Engine Serial
& Arrangement Number

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	974432	In-Frame Kit			I	
	1	975432	Out-of-Frame Kit	O			
	4	171398	STD Piston Assembly		O	I	
	4	171422	0.50 MM Piston Assembly				
	4	171513	1.00 MM Piston Assembly				
	4	171399	STD Piston Ring Set (2-2.5MM 1-3.5MM)		O	I	
	4	171423	0.50 MM Piston Ring Set (2-2.5MM 1-3.5MM)				
	4	171514	1.00 MM Piston Ring Set (2-2.5MM 1-3.5MM)				
	4	271261	STD Rod Bearing (Locating Tangs For Notched Rods)		O	I	
	4	271262	.010 Rod Bearing (Locating Tangs For Notched Rods)				
	4	271263	.020 Rod Bearing (Locating Tangs For Notched Rods)				
	4	271264	.030 Rod Bearing (Locating Tangs For Notched Rods)				
	1	271161	STD Main Set, wo/Thrust Washers		O	I	
	1	271162	.010 Main Set, wo/Thrust Washers				
	1	271163	.020 Main Set, wo/Thrust Washers				
	1	271164	.030 Main Set, wo/Thrust Washers "Additional Sizes (4)"				
	1	271119	STD Thrust Washer Set (Offset Lug)		O	I	
	1	271125	.007 Thrust Washer Set (Offset Lug)				
	1	271126	.010 Thrust Washer Set (Offset Lug)				
	1	371343	Head Gasket Set "Includes 371368 Head Gasket"		O	I	
	1	371222	Valve Cover Gasket				
	4	371191	Exhaust Valve Seal (Brown)				
	4	371189	Intake Valve Seal (Green)				
	1	371214	Lower Gasket Set wo/Seals		O		
	1	371149	Timing Cover Gasket				
	1	371167	Pan Gasket Set (Cast Pan/Incls 6 Flange Gkts)			I	
	1	371282	Pan Gasket (Steel Pan)			I	
	1	371146	Front Crank Seal (Viton Lip Type) (5)		O		
	1	371297	Rear Crank Seal (Housing With Integral Seal) (9)		O		
	4	271198	Pin Bushing (Straight / 1.563" Pin) (10)				
	4	271289	Pin Bushing (Tapered / 1.563" Pin) (11)				
	1	271127	Cam Bearing (Finished ID)				
	8	771151	Connecting Rod Bolt (Serrated Split)				
	8	771148	Connecting Rod Nut (Serrated Split)				
	8	771368	Conn Rod Capscrew (Doweled Flat Butt Split / 1/2 x 2.766)				
	8	771323	Conn Rod Capscrew (Fractured Split / 7/16 x 2.580 12Pt)				
	1	771369	Head Bolt Kit (22 Bolts / 3 Different Lengths)				

(4)Other Main Brg Sizes Available: .040 - 271165 / .050 - 271166 / .060 - 271167 (5)Wear Sleeve - 301115 (9)Wear Sleeve - 371366

(10)Used When Taper Press Tooling Is Not Available (Machine Taper After Boring To Size) (11)Used With Proper Taper Press Tooling

X-CAT-258-F

10/22/2009

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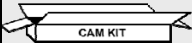
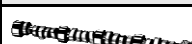
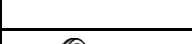
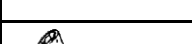
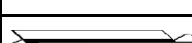
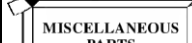
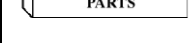


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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	979525	Camshaft Kit					C
	1	979155	Valve Train Kit				V	
	1	571216	Camshaft					C
	1	271249	Thrust Washer					
	8	571123	Tappet					C
	4	471159	Exhaust Valve (45° / 42.0MM Hd Dia)				V	
	4	471312	Intake Valve (45° / 45.0MM Hd Dia)				V	
	4	471279	Exhaust Guide				V	
	4	471237	Intake Guide				V	
	8	471162	Valve Spring (1.720" Free Length)				V	
	8	471295	Valve Spring Retainer				V	
	16	471241	Keeper (Half)				V	
	4	471313	Exhaust Seat (1.737" OD)					
	4	471314	Intake Seat (1.895" OD)					
	4	471283	LH Rocker Arm (Adj Screw Not Incl) (12)					
	4	471284	RH Rocker Arm (Adj Screw Not Incl) (12)					
	1	471296	Rocker Arm Shaft (13) "Incls 471176 Plugs"					
	1	571171	Cam Gear (Steel / 56 Teeth)					
	1	571113	Crank Gear (28T/1.375 Wide)					
	1	571131	Crank Gear (Cast / 28 Teeth / 1.632" Wide)					
	8	571117	Push Rod					
	1	671114	Oil Pump					
	1	671176	Oil Pump Idler Gear "Includes 571124 Idler Gear Bush"					
	4	671157	Piston Cooling Jet					
	4	671158	Piston Cooling Check Valve					
	1	771181	Crank Kit (Spline / Lip)					
	4	771351	Conn Rod (6.5211-6.5224 / Grade H / White Mark)					
	4	771352	Conn Rod (6.5193-6.5206 / Grade J / Green Mark)					
	4	771353	Conn Rod (6.5175-6.5188 / Grade K / Purple Mark)					
	4	771354	Conn Rod (6.5157-6.5170 / Grade L / Blue Mark)					
	1	771371	Cylinder Head Assembly (Includes Valves & Springs)					
	1	771372	Expansion Plug Kit (16 Head & Block Plugs)					
	1	871263	Thermostat					
	1	871255	Fuel Pump					

(12) Adjusting Screw-471226 / Lock Nut-571139 / Bushing-471297

(13) Shaft Snap Ring - 471228

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