

CATERPILLAR



ENGINE: 3054

After 5YS 13498

BORE: 3.938" 4 Cyl Diesel Notes: Belt Driven Water Pump, Fastram Piston, Fractured Rods wo/Tang, 45° Valves

APPLICATION: Industrial Engines: 5YS 13499 & Up (AR# 213-4807);

Provide Engine Serial
& Arrangement Number

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT
	1	974434	In-Frame Kit	I
	1	975434	Out-of-Frame Kit	O
	4	171374	Sleeve & Piston Assembly	
	4	171376	Piston Assembly	
	4	171367	Cylinder Liner (Flange/Finished/Fire Dam/4.1035" OD) (1)	
	4	171366	Cylinder Liner (Flange/Semi-Finished/FD/4.1055" OD) (2)	
	4	171468	005 Liner Shim	
	4	171377	Piston Ring Set (1-3.5MM 1-2.5MM 1-3.5MM)	
	4	271285	STD Rod Bearing (No Locating Tangs)	
	4	271286	.010 Rod Bearing (No Locating Tangs)	
	4	271287	.020 Rod Bearing (No Locating Tangs)	
	4	271288	.030 Rod Bearing (No Locating Tangs)	
	1	271161	STD Main Set, wo/Thrust Washers	
	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)	
	1	271125	.007 Thrust Washer Set (Offset Lug)	
	1	271126	.010 Thrust Washer Set (Offset Lug)	
	1	371344	Head Gasket Set	
	1	371155	Head Gasket	
	1	371222	Valve Cover Gasket	
	4	371191	Exhaust Valve Seal (Brown)	
	4	371188	Intake Valve Seal (Green)	
	1	371214	Lower Gasket Set wo/Seals	
	1	371149	Timing Cover Gasket	
	1	371167	Pan Gasket Set (Cast Pan / Incls 6 Flange Gkts)	
	1	371282	Pan Gasket (Steel Pan)	
	1	371146	Front Crank Seal (Viton Lip Type) (7)	
	1	371297	Rear Crank Seal & Housing (9)	
	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	771323	Rod Capscrew (Fractured Split / 7/16 x 2.580 12 Pt Head)	
	1	771319	Head Bolt Kit (22 Bolts)	

(1).010 OS Finished Liner - 171368 (2).020 OS Semi-Finished Liner - 171511 (4).040 - 271165 / .050 - 271166 / .060 - 271167

(7)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-243-17

10/21/2009

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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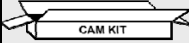
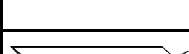
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	QTY	ITEM #	DESCRIPTION	LETTERED INCLUDED	ITEMS IN	KIT
	1	979524	Camshaft Kit			C
	1	979154	Valve Train Kit (45° Valves)		V	
	1	571215	Camshaft			C
	1	271249	Thrust Washer			
	8	571123	Tappet			C
	4	471158	Exhaust Valve (45° / 41.0MM Hd Dia)		V	
	4	471278	Intake Valve (45° / 43.0MM Hd Dia)		V	
	4	471279	Exhaust Guide		V	
	4	471237	Intake Guide		V	
	8	471161	Valve Spring (1.860" Free Length)		V	
	16	471241	Keeper (Half)		V	
	4	471298	Exhaust Seat (1.717" OD)			
	4	471299	Intake Seat (1.796" OD)			
	4	471283	LH Rocker Arm (Screw & Nut Not Incl) (12)			
	4	471284	RH Rocker Arm (Screw & Nut Not Incl) (12)			
	1	471296	Rocker Arm Shaft (Incls 471176 Plugs) (13)			
	1	571171	Cam Gear (Steel / 56 Teeth)			
	1	571113	Crank Gear (28T/1.375 Wide)			
	8	571117	Push Rod			
	1	671115	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	771316	Crank Kit (Spline / Lip)			
	4	771331	Conn Rod (6.5247-6.5260 / Grade F / Red Mark)			
	4	771332	Conn Rod (6.5229-6.5242 / Grade G / Orange Mark)			
	4	771333	Conn Rod (6.5211-6.5224 / Grade H / White Mark)			
	4	771334	Conn Rod (6.5193-6.5206 / Grade J / Green Mark)			
	4	771335	Conn Rod (6.5175-6.5188 / Grade K / Purple Mark)			
	4	771336	Conn Rod (6.5157-6.5170 / Grade L / Blue Mark)			
	1	771367	Cylinder Head Assembly (Includes 45° Valves & Springs)			
	1	771365	Expansion Plug Kit (17 Head & Block Plugs)			
	1	871263	Thermostat			
	1	871182	Manifold Heater Plug (Blade Terminal)			
	1	871255	Fuel Pump			

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

(13)Shaft Snap Ring - 471228

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