

PERKINS



ENGINE: 1104C-44

BORE: 4.1343"	4 Cyl	Diesel	Notes: Natural Aspirated, Agricultural Block, Has Balancer
APPLICATION:	Tractors: MF 471 Tier 2 (RE37827); 481 Tier 2 (RE37830); Tractors: MF 3435 (RE37990); 5425 (RE37873, RE37917); 5435 (RE37831, RE37919);		

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	974452	In-Frame Kit					I
	1	975452	Out-of-Frame Kit				O	
	1	976452	Major Kit			M		
	1	977452	Premium Kit (979144 Valve Train Kit Included)		P			
	4	171485	STD Piston Kit		P	M	O	I
	4	171486	0.50 MM Piston Kit					
	4	171487	1.00 MM Piston Kit					
	4	171559	Service Liner (Flanged / Semi-Finished)					
	4	171488	STD Piston Ring Set (2-2.5MM 1-3.5MM)					
	4	171489	0.50 MM Piston Ring Set (2-2.5MM 1-3.5MM)					
	4	171491	1.00 MM Piston Ring Set (2-2.5MM 1-3.5MM)					
	4	271285	STD Rod Bearing (No Tangs)		P	M	O	I
	4	271286	.010 Rod Bearing (No Tangs)					
	4	271287	.020 Rod Bearing (No Tangs)					
	4	271288	.030 Rod Bearing (No Tangs)					
	1	271291	STD Main Set, wo/Thrust Washers		P	M	O	I
	1	271292	.010 Main Set, wo/Thrust Washers					
	1	271293	.020 Main Set, wo/Thrust Washers					
	1	271294	.030 Main Set, wo/Thrust Washers					
	1	271119	STD Thrust Washer Set (Offset Lug)		P	M	O	I
	1	271125	.007 Thrust Washer Set (Offset Lug)					
	1	271126	.010 Thrust Washer Set (Offset Lug)					
	1	371331	Head Gasket Set		P	M	O	I
	1	371332	Head Gasket					
	1	371335	Valve Cover Gasket					
	4	371336	Exhaust Valve Seal (Brown Top Hat Type)					
	4	371337	Intake Valve Seal (Green Top Hat Type)					
	1	371338	Lower Gasket Set wo/Seals		P	M	O	
	1	371339	Timing Cover Gasket					
	1	371341	Pan Gasket					I
	1	371146	Front Crank Seal (Viton Lip Type) (1)		P	M	O	
	1	371342	Rear Crank Seal & Housing Assembly (Teflon Type)		P	M	O	
	4	271289	Pin Bushing (1.563" Pin)		P	M		
	1	271259	Cam Bearing (Finished ID)		P	M		
	8	771323	Connecting Rod Bolt		P	M		
	1	771324	Head Bolt Kit					
	1	771325	Expansion Plug Kit (9 Plugs)					

(1)Wear Sleeve - 301115

PK-269-G

3/1/2009

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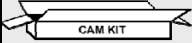
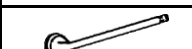
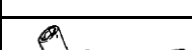
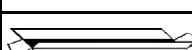
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
								
	1	979144	Valve Train Kit					V
	1	571187	Camshaft: RE37827, RE37830 (2)					
	1	571195	Camshaft: Except RE37827, RE37830 (3)					
	8	571123	Tappet					
	4	471235	Exhaust Valve					V
	4	471236	Intake Valve					V
	8	471237	Valve Guide					V
	8	471238	Valve Spring					V
	16	471241	Keeper (Half)					V
	4	471242	Exhaust Seat					
	4	471243	Intake Seat					
	4	471244	LH Rocker Arm (Adj Screw & Lock Nut Included) (4)					
	4	471245	RH Rocker Arm (Adj Screw & Lock Nut Included) (4)					
	1	471246	Rocker Arm Shaft (5) "Includes 471247 Plugs"					
	1	571188	Cam Gear: RE37827, RE37830					
	1	571196	Cam Gear: Except RE37827, RE37830					
	1	571189	Crank Gear					
	1	571191	Idler Gear Assembly (Includes 571192 Roller Bearing) (6)					
	1	571193	Idler Gear (Includes 571144 Bushings) (7)					
	1	571194	Balancer Idler Gear (Includes Bushing)					
	8	571117	Push Rod					
	1	671159	Oil Pump Gerotor Set					
	1	671161	Oil Pump Drive Gear					
	1	671162	Oil Pressure Relief Valve Assembly					
	4	671163	Piston Cooling Oil Jet					
	1	671164	Oil Cooler					
	1	771327	Crankshaft Kit					
	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	771337	Cylinder Head Assembly (Includes Valves & Springs)					
	1	771326	Balancer Assembly (Includes Oil Pump)					
	4	871237	Glow Plug					
	1	871239	Water Outlet/Thermostat Assembly (Vertical Outlet)					
	1	871241	Water Outlet/Thermostat Assembly (Horizontal RH Outlet)					
	1	871238	Water Outlet/Thermostat Assembly (Horizontal LH Outlet)					
	1	871243	Water Pump (8)					
	1	871245	Fuel Pump/Filter Assembly					

(2)Cam Thrust Washer - 271296

(3)Cam Thrust Washer - 271297

(4)Adjusting Screw-471226 / Lock Nut - 571139

(5)Rocker Arm Shaft Snap Ring - 471248

(6)Engines Thru 02/28/2005

(7)Engines After 02/28/2005

(8)Repair Kit - 871244

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