

PERKINS



ENGINE: 1103C-33

BORE: 4.1343"	3 Cyl	Diesel	Notes: Natural Aspirated
APPLICATION: Tractors: MF 431 (DC38077); 451 Tier 2 (DC38027);			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	974458	In-Frame Kit					I
	1	975458	Out-of-Frame Kit				O	
	1	976458	Major Kit			M		
	1	977458	Premium Kit (979146 Valve Train Kit Included)		P			
	3	171485	STD Piston Kit		P	M	O	I
	3	171486	0.50 MM Piston Kit					
	3	171487	1.00 MM Piston Kit					
	3	171488	STD Piston Ring Set (2-2.5MM 1-3.5MM)					
	3	171489	0.50 MM Piston Ring Set (2-2.5MM 1-3.5MM)					
	3	171491	1.00 MM Piston Ring Set (2-2.5MM 1-3.5MM)					
	3	271285	STD Rod Bearing (No Tangs)		P	M	O	I
	3	271286	.010 Rod Bearing (No Tangs)					
	3	271287	.020 Rod Bearing (No Tangs)					
	3	271288	.030 Rod Bearing (No Tangs)					
	1	271266	STD Main Set, wo/Thrust Washers		P	M	O	I
	1	271267	.010 Main Set, wo/Thrust Washers					
	1	271268	.020 Main Set, wo/Thrust Washers					
	1	271269	.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	371352	Head Gasket Set		P	M	O	I
	1	371354	Head Gasket					
	1	371355	Valve Cover Gasket					
	3	371336	Exhaust Valve Seal (Brown Top Hat Type)					
	3	371337	Intake Valve Seal (Green Top Hat Type)					
	1	371353	Lower Gasket Set wo/Seals		P	M	O	
	1	371339	Timing Cover Gasket					
	1	371351	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	
	3	271289	Pin Bushing (1.563" Pin)		P	M		
	1	271259	Cam Bearing (Finished ID)		P	M		
	6	771323	Connecting Rod Bolt		P	M		
	1	771339	Head Bolt Kit					
	1	771325	Expansion Plug Kit (9 Plugs)					

(1)Wear Sleeve - 301115

PK-202-G

3/1/2009

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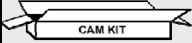
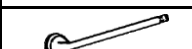
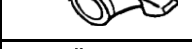
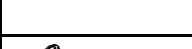
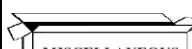
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
							
	1	979146	Valve Train Kit			V	
	1	571199	Camshaft (3)				
	6	571123	Tappet				
	3	471235	Exhaust Valve			V	
	3	471236	Intake Valve			V	
	6	471237	Valve Guide			V	
	6	471238	Valve Spring			V	
	12	471241	Keeper (Half)			V	
	3	471242	Exhaust Seat				
	3	471243	Intake Seat				
	3	471244	LH Rocker Arm (Adj Screw & Lock Nut Included) (4)				
	3	471245	RH Rocker Arm (Adj Screw & Lock Nut Included) (4)				
	1	471249	Rocker Arm Shaft (5) "Includes 471247 Plugs"				
	1	571188	Cam Gear				
	1	571189	Crank Gear				
	1	571191	Idle Gear Assembly (Includes 571192 Roller Bearing) (6)				
	1	571193	Idle Gear (Includes 571144 Bushings) (7)				
	6	571117	Push Rod				
	1	671165	Oil Pump (4132F071)				
	1	671167	Oil Pump (4132F072)				
	3	671163	Piston Cooling Oil Jet				
	1	671168	Oil Cooler				
	1	771338	Crankshaft Kit				
	3	771331	Conn Rod (6.5247-6.5260 / Grade F / Red Mark)				
	3	771332	Conn Rod (6.5229-6.5242 / Grade G / Orange Mark)				
	3	771333	Conn Rod (6.5211-6.5224 / Grade H / White Mark)				
	3	771334	Conn Rod (6.5193-6.5206 / Grade J / Green Mark)				
	3	771335	Conn Rod (6.5175-6.5188 / Grade K / Purple Mark)				
	3	771336	Conn Rod (6.5157-6.5170 / Grade L / Blue Mark)				
	1	771341	Cylinder Head Assembly (Includes Valves & Springs)				
	3	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	871242	Water Pump (8)				
	1	871248	Fuel Pump/Filter Assembly				

(3)Cam Thrust Washer - 271296 (4)Adjusting Screw-471226 / Lock Nut - 571139 (5)Rocker Arm Shaft Snap Ring - 471248

(6)DC38027 Thru 02/28/05; DC38077 Thru U002591L (7)DC38027 After 02/28/05; DC38077 After U002591L (8)Repair Kit - 871247

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