

CUMMINS



ENGINE: 4B3.9L Non-Emission Certified
4-390 CDC Non-Emission Certified

BORE: 4.0165" 4 Cyl Diesel NOTES: Aftercooled, Machined Split Rods, Long Pin, Piston Stamped 6990, 6991, 6992

APPLICATION: Miscellaneous Industrial Equipment (CPL 2246, 2248, 8275)

Provide Engine Serial #
To Verify All Parts

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	4	131164	STD Piston Kit (Includes Pin & Rings)					
	4	131165	0.50 MM Piston Kit (Includes Pin & Rings)					
	4	131166	1.00 MM Piston Kit (Includes Pin & Rings)					
	4	131167	Piston Pin (3.255" OAL)					
	4	131149	Repair Liner (4.118" OD / 7.875" OAL)					
	4	131155	STD Piston Ring Set (Keystone Top Ring)					
	4	131156	0.50 MM Piston Ring Set (Keystone Top Ring)					
	4	131157	0.75 MM Piston Ring Set (Keystone Top Ring)					
	4	131158	1.00 MM Piston Ring Set (Keystone Top Ring)					
	4	231139	STD Rod Bearing, Machined Split Rod					
	4	231141	0.25MM Rod Bearing, Machined Split Rod (1)					
	4	231142	0.50MM Rod Bearing, Machined Split Rod (2)					
	4	231143	0.75MM Rod Bearing, Machined Split Rod					
	4	231144	1.00MM Rod Bearing, Machined Split Rod					
	1	231155	STD Main Bearing Set					
	1	231156	0.25MM Main Bearing Set					
	1	231157	0.50MM Main Bearing Set					
	1	231158	0.75MM Main Bearing Set					
	1	231159	1.00MM Main Bearing Set					
	1	331164	Head Gasket Set					
	1	331165	STD Head Gasket					
	1	331166	0.25MM Head Gasket					
	1	331167	0.50MM Head Gasket					
	8	331163	Positive Ring & Band Valve Seal					
	8	331236	Top Hat Valve Seal, Late (Blue)					
	4	331153	Valve Cover Gasket					
	1	331169	Full Gasket Set w/Seals					
	1	331168	Lower Gasket Set w/Seals					
	1	331171	Tappet Cover Gasket					
	1	331172	Pan Gasket Set					
	1	331155	Front Crank Seal "For OS Seal & Sleeve Kit Use 331188"					
	1	331156	Front Crank Thin Wall Wear Sleeve "Use w/Standard Seal"					
	1	331123	STD Rear Crank Seal (Dry Housing)					
	1	331124	OS Rear Crank Seal & Wear Sleeve Kit (Dry Housing)					
	1	331125	STD Rear Crank Seal (Wet Housing)					
	1	331126	OS Rear Crank Seal & Wear Sleeve Kit (Wet Housing)					
	1	331128	Rear Crank Thin Wall Wear Sleeve "Use w/Standard Seal"					
	4	231161	Pin Bushing					
	1	231154	Cam Bearing, Front (58 MM OD Oversize Also Available) (3)					
	4	231153	Cam Bearing, Intermediate & Rear (Requires Machining) (3)					
	8	731135	Rod Bolt, Machined Split Rod					
	1	731141	Head Bolt Kit					

(1) .010 Oversize OD: 231177

(2) .010 Oversize OD: 231178

(3) Cam Plug Kit: 731137

CU-239-L

10/16/2010

CLICK THE ITEM # TO VIEW OR PURCHASE PART

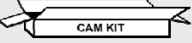
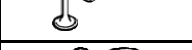
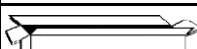
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	939515	Camshaft Kit					C
	1	939113	Valve Train Kit (.185 Wire Dia)				V	
	1	939115	Valve Train Kit (.160 Wire Dia)				V	
	1	531131	Camshaft					C
	1	531112	Cam Thrust Plate					C
	8	531113	Tappet					C
	4	431143	Exhaust Valve		V		V	
	4	431144	Intake Valve		V		V	
	8	431157	Valve Wear Cap (Optional Service Repair)					
	8	431145	Ex/In Service Repair Valve Guide (.439 OD / 2.500" OAL)					
	4	431146	Exhaust Service Repair Valve Guide (.552 OD / 2.052" OAL)					
	4	431147	Intake Service Repair Valve Guide (.552 OD / 2.397" OAL)					
	8	431148	Valve Spring, Early (.185 Wire Dia) (6)				V	
	8	431158	Valve Spring, Late (.160 Wire Dia)		V		V	
	16	431149	Valve Keeper (Half)		V		V	
	8	431151	Valve Spring Retainer					
	4	431152	Exhaust Valve Seat (OEM Special Size)					
	4	401138	Exhaust Valve Seat (Universal Size / Uses Standard Cutter)					
	4	431153	Intake Valve Seat (OEM Special Size)					
	4	401139	Intake Valve Seat (Universal Size / Uses Standard Cutter)					
	4	431154	Rocker Arm, Exhaust					
	4	431155	Rocker Arm, Intake					
	4	431156	Rocker Arm Support & Shaft					
	1	531123	Cam Gear					
	1	531124	Crank Gear					
	1	531125	Injection Pump Drive Gear					
	8	531126	Push Rod					
	1	631127	New Oil Pump					
	1	631128	Rebuilt Oil Pump					
	1	631129	Oil Cooler					
	4	631126	Piston Cooling Nozzles (3930139)					
	1	731111	Crankshaft					
	4	731148	Connecting Rod (Machined Split)					
	1	731139	Expansion Plug Kit (Includes 18 Plugs For Head & Block)					
	1	831173	Thermostat					
	1	831134	New Water Pump (Non-Hardened Pulley) (8)					
	1	831114	Belt Tensioner Assembly					
	1	831136	Fuel Transfer Pump					
	1	831137	Oil Fill Cap (2")					
	8	831138	Exhaust Manifold Bolt "Stainless Steel Option - 831175"					

(6)Can Use 431158 For Industrial

(8)Use 831143 For Pump w/Hardened Pulley

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