

CUMMINS



ENGINE: 6BTA5.9L Non-Emission Certified
6TA-590 CDC Non-Emission Certified

BORE: 4.0165" 6 Cyl Diesel NOTES: Aftercooled, Early Piston Stamped 7156, 7157, 7158

APPLICATION: Combines: 1640 After JJC0034704; 1644 Case-IH Thru ESN 44937695; 8560 Massey Ferguson;

Provide Engine Serial # Cotton Harvesters: 1800 Case-IH; Cotton Pickers: 1822 After JJC0012690; 2022 Case-IH;

To Verify All Parts Tractors: 2096 Case-IH; 140, 145, 6144, 6145 White;

Power Units: 6590TA Case-IH; Uni-Harvesters: 802C New Idea;

Miscellaneous Farm & Construction Equipment

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	934111	In-Frame Kit			I	
	1	935111	Out-of-Frame Kit		O		
	6	131168	STD Piston Kit (Includes Pin & Rings)		O	I	
	6	131169	0.50 MM Piston Kit (Includes Pin & Rings)				
	6	131171	0.75 MM Piston Kit (Includes Pin & Rings)				
	6	131172	1.00 MM Piston Kit (Includes Pin & Rings)				
	6	131148	Piston Pin (2.975" OAL)				
	6	131149	Repair Liner (4.118" OD / 7.875" OAL)				
	6	131155	STD Piston Ring Set (Keystone Top Ring)				
	6	131156	0.50 MM Piston Ring Set (Keystone Top Ring)				
	6	131157	0.75 MM Piston Ring Set (Keystone Top Ring)				
	6	131158	1.00 MM Piston Ring Set (Keystone Top Ring)				
	6	231139	STD Rod Bearing		O	I	
	6	231141	0.25MM Rod Bearing (1)				
	6	231142	0.50MM Rod Bearing (2)				
	6	231143	0.75MM Rod Bearing				
	6	231144	1.00MM Rod Bearing				
	1	231145	STD Main Bearing Set		O	I	
	1	231146	0.25MM Main Bearing Set				
	1	231147	0.50MM Main Bearing Set				
	1	231148	0.75MM Main Bearing Set				
	1	231149	1.00MM Main Bearing Set				
	1	331147	Head Gasket Set		O	I	
	1	331148	STD Head Gasket (3)				
	12	331152	Positive Valve Seal				
	6	331153	Valve Cover Gasket				
	1	331157	Full Gasket Set w/Seals		O		
	1	331154	Lower Gasket Set w/Seals				
	1	331158	Tappet Cover Gasket				
	1	331159	Pan Gasket Set			I	
	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"				
	6	231151	Pin Bushing				
	1	231152	Cam Bearing, Front (58 MM OD Oversize Also Available) (4)				
	6	231153	Cam Bearing, Intermediate & Rear (Requires Machining) (4)				
	12	731135	Rod Bolt				
	1	731134	Head Bolt Kit				

(1).010 Oversize OD: 231177 (2).010 Oversize OD: 231178 (3)Use 331149 For +.010 or 331151 For +.020 (4)Cam Plug Kit: 731137

CU-359-I

4/1/2004

CLICK THE ITEM # TO VIEW OR PURCHASE PART

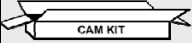
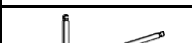
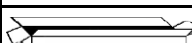
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To Verify All Parts	Tractors: 2096 Case-IH; 140, 145, 6144, 6145 White;		
	Power Units: 6590TA Case-IH; Uni-Harvesters: 802C New Idea;		
	Miscellaneous Farm & Construction Equipment		

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	939513	Camshaft Kit					C
	1	939112	Valve Train Kit				V	
	1	531122	Camshaft					C
	1	531112	Cam Thrust Plate					
	12	531113	Tappet					C
	6	431143	Exhaust Valve				V	
	6	431144	Intake Valve				V	
	12	431157	Valve Wear Cap (Optional Service Repair)					
	12	431145	Ex/In Service Repair Valve Guide (.439 OD / 2.500" OAL)					
	6	431146	Exhaust Service Repair Valve Guide (.552 OD / 2.052" OAL)					
	6	431147	Intake Service Repair Valve Guide (.552 OD / 2.397" OAL)					
	12	431148	Valve Spring				V	
	24	431149	Valve Keeper (Half)				V	
	12	431151	Valve Spring Retainer					
	6	431152	Exhaust Valve Seat (OEM Special Size)					
	6	401138	Exhaust Valve Seat (Universal Size / Uses Standard Cutter)					
	6	431153	Intake Valve Seat (OEM Special Size)					
	6	401139	Intake Valve Seat (Universal Size / Uses Standard Cutter)					
	6	431154	Rocker Arm, Exhaust					
	6	431155	Rocker Arm, Intake					
	6	431156	Rocker Arm Support & Shaft					
	1	531123	Cam Gear					
	1	531124	Crank Gear					
	1	531125	Injection Pump Drive Gear					
	12	531126	Push Rod					
	1	631119	New Oil Pump					
	1	631121	Rebuilt Oil Pump					
	1	631124	Oil Cooler					
	6	631125	Piston Cooling Nozzles, Thru ESN 44511033 (3901020)					
	6	631126	Piston Cooling Nozzles, After ESN 44511033 (3930139)					
	1	731112	Crankshaft					
	1	731136	Damper Pulley Assembly, Most Tractors (Check Appl)					
	1	731138	Expansion Plug Kit (Includes 24 Plugs For Head & Block)					
	1	831133	Thermostat Kit (Includes Seal)					
	1	831134	New Water Pump					
	1	831118	Fan Drive Bearing					
	1	831114	Belt Tensioner Assembly					
	1	831135	Block Heater					
	1	831136	Fuel Transfer Pump					
	1	831137	Oil Fill Cap (2")					
	12	831138	Exhaust Manifold Bolt					

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