

# IPD parts for Caterpillar® G3508 Engines

<b>VALVE TRAIN AND CYLINDER HEAD COMPONENTS</b>			
<b>DESCRIPTION</b>	<b>PART NUMBER</b>	<b>QTY. REQ.</b>	<b>COMMENTS</b>
Spacer Plate	2603904	8	
Valve, Intake and Exhaust	1047184	32	20 Degree
Valve, Intake and Exhaust	3089177	32	LANDFILL ONLY
Lock, Valve	2A4429	64	
Spring, Inner Valve	7N1903	32	
Spring, Outer Valve	7N1904	32	
Washer	2090962	32	
Rotocoil	1976999	32	
Guide, Intake	9Y1847	16	
Guide, Exhaust	9Y1846	16	
Guide, Intake Methane ( Landfill )	1845495	16	
Guide, Exhaust Methane ( Landfill )	1845494	16	
Seal, Valve Stem Methane	1977006	32	
Insert, Intake and Exhaust	6I1713	32	.460" Depth
Plug Cup	3B0623	40	25.73 mm OD
Seal, O-Ring	3J7354	8	
Plug Cup	3B0645	40	32.08 mm OD
Water Seal	3251412	32	
Water Seal	3251410	32	
Lifter, Valve	3467515	16	
Repair Kit, Valve Lifter	2636679RK	A/R	
Spring, Lifter Guide	7N4782	16	Lifter Clip
Rocker Arm Button	8F8858	16	
Retaining Ring	9F7707	16	
Screw, Rocker Arm Adjusting	2002003	16	
<b>GASKET SETS AND MISCELLANEOUS GASKETS</b>			
Overhaul Gasket Set	508031	1	2JF1-UP Magneto With Wet Manifold
Overhaul Gasket Set	508041	1	9TG1-UP,4WD1-UP Wet Manifold
Multiple Cylinder Head Gasket Set	508033	1	2JF1-UP Magneto With Wet Manifold
Multiple Cylinder Head Gasket Set	508043	1	9TG1-UP,4WD1-UP Wet Manifold
Single Cylinder Head Gasket Set	508044EM	8	E.I.S. And Magneto Ignition Systems
Single Cylinder Head Gasket Set	516114	8	Dry Ceramic Manifold
Oil Pan Gasket	7E2631	1	
Block Side Cover Seal	2720757	8	
Camshaft Cover Seal	2720758	8	
Valve Cover Seal	2720759	8	

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<b>ENGINE BEARINGS AND BUSHINGS</b>			
<b>DESCRIPTION</b>	<b>PART NUMBER</b>	<b>QTY. REQ.</b>	<b>COMMENTS</b>
Main Bearing Standard	1496031	5	
Main Bearing .025"	1496032	A/R	
Rod Bearing Standard	1077330	8	
Rod Bearing .025"	1077331	A/R	
Thrust Plate	7C6209	2	
Cam Bearing	7N2048	10	Early Style
Cam Bearing	1161359	10	Late Style
Bushing, Connecting Rod	1181655	8	
Idle Bushing	8N5301	1	
Bushing, Rocker Arm	1W4594	16	
<b>CYLINDER KITS AND COMPONENTS</b>			
Piston and Liner Assembly	PLG1014140	8	8.0:1 Compression Ratio
Piston and Liner Assembly	PLG6I4609	8	11.0:1 Compression Ratio
Piston and Liner Assembly	PLG1973765	8	11.0:1 Comp. Ratio Gallery Cooled
Piston Body	1014140	8	8.0:1 Compression Ratio
Piston Body	6I4609	8	11.0:1 Compression Ratio
Piston Body	1973765	8	11.0:1 Comp. Ratio Gallery Cooled
Ring Group	7E2899	8	
Liner, Cylinder	1106993	8	8.3317" ( Thick Flange )
Pin, Piston	1388506	8	
Retainer, Piston Pin	8N7296	16	
Gasket Kit (Liner O Rings and Seal)	3535995	8	3-7N2046 ,1-8N4707 and 1-3526061
<b>COOLING SYSTEM COMPONENTS</b>			
Regulator, Water Temperature	6I4950	4	180 Degree
Regulator, Water Temperature	7C3095	4	190 Degree
Regulator, Water Temperature	2485513	4	180 Degree New Sealed Design
Regulator, Water Temperature	2477133	4	190 Degree New Sealed Design
Seal, Regulator	3S9643	4	

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<b>COOLING SYSTEM COMPONENTS Continued</b>			
DESCRIPTION	PART NUMBER	QTY. REQ.	COMMENTS
<b>Water Pump Groups 6I3520, 7E9781, 7E9782, 2128168, 2128169, 2128166</b>			
<i>Water Pump Rebuild Kit</i>	2944935	1	Contains items below
Seal Group - Basic	2624378	1	With Correct Water Pump Group
Washer - Thrust	5N4383	2	With Correct Water Pump Group
Shim-Carrier	8M2933	4	With Correct Water Pump Group
Seal-Lip Type	9X4594	1	With Correct Water Pump Group
Bearing-Sleeve	1275400	1	With Correct Water Pump Group
Shaft (Straight Joint Press Fit)	2128179	1	With Correct Water Pump Group
Impeller (Press Fit)	2128183	1	With Correct Water Pump Group
<b>Water Pump Groups 1664381, 1664378, 2128172, 2128177</b>			
<i>Water Pump, New</i>	2128177	1	With Correct Water Pump Group
<i>Water Pump Rebuild Kit</i>	2225152	1	Contains items below
Bolt	0S1618	2	With Correct Water Pump Group
Seal-O-Ring	3D2824	1	With Correct Water Pump Group
Filter	4N5834	2	With Correct Water Pump Group
Washer - Thrust	7N4758	1	With Correct Water Pump Group
Seal-Lip Type	8C5236	1	With Correct Water Pump Group
Washer-Hard	9M1974	2	With Correct Water Pump Group
Ring As.	1664374	1	With Correct Water Pump Group
Seal Gp-E	1664376	1	With Correct Water Pump Group
Shaft (Straight Joint Press Fit)	2128180	1	With Correct Water Pump Group
Impeller (Press Fit)	2128184	1	With Correct Water Pump Group
<b>Water Pump Groups 1664380, 1664377, 2128175, 2128176</b>			
<i>Water Pump, New</i>	2128176	1	With Correct Water Pump Group
<i>Water Pump Rebuild Kit</i>	2225153	1	Contains items below
Bolt	0S1618	2	With Correct Water Pump Group
Seal-O-Ring	3D2824	1	With Correct Water Pump Group
Filter	4N5834	2	With Correct Water Pump Group
Washer - Thrust	7N4758	1	With Correct Water Pump Group
Seal-Lip Type	8C5236	1	With Correct Water Pump Group
Washer-Hard	9M1974	2	With Correct Water Pump Group
Ring As.	1664374	1	With Correct Water Pump Group
Seal Gp-E	1664376	1	With Correct Water Pump Group
Shaft (Straight Joint Press Fit)	2128180	1	With Correct Water Pump Group
Impeller (Press Fit)	2128187	1	With Correct Water Pump Group
<b>CRANKSHAFT COMPONENTS</b>			
Seal, Crankshaft Front	1138432	1	Standard Rotation
Seal, Crankshaft Rear	1138433	1	Standard Rotation