

IPD parts for Caterpillar® G379 Engines

DESCRIPTION	PART NUMBER	QTY. REQ.	COMMENTS
Engine Serial # 72B 1 - Up			
For Cylinder Heads Using 3/8" Stem Valves			
Valve , Exhaust	2W3211	8	
Valve , Intake	1W8606	8	
Guide, Exhaust	2N9299	8	
Guide, Intake	2N9298	8	
Insert, Valve Seat Exhaust	1S5738	8	
Insert, Valve Seat Intake	5S1757	8	
Valve Lock	2A4429	32	
Rotocoil	7N7639	16	Use With Correct Springs
Spring, Valve Inner (Double)	9M5349	16	Use With 7N7639 Rotocoil
Spring, Valve Outer (Double)	9M5350	16	Use With 7N7639 Rotocoil
Spring, Valve (Single)	7S6323	16	Use With 7N7639 Rotocoil
Shield	8N7780	8	
Retainer, Spring Exhaust	2N9297	8	
Retainer, Spring Intake	1W3062	8	Includes 8N7780 Shield
Spacer, Valve Guide	3N1414	16	85
Button, Rocker Arm	8F8858	16	
Ring, Button Retaining	9F7707	16	For 8F8858
Screw, Rocker Arm Adjusting	1A0744	16	
Bushing, Rocker Arm	3F7445	16	
Plug	3B0645	32	8 Per Cylinder Head
Spark Plug Adapter	7L0918	8	
Spark Plug Adapter Gasket	6L1576	8	Metal Gasket
Spark Plug Adapter Seal	6L7816	8	
Lifter, Valve	1021561	16	
Director, Water	5H7071	32	
For Cylinder Heads Using 1/2" Stem Valves			
Valve , Exhaust	8N3723	8	Serial # 72B 1 - 84
Valve , Exhaust	5S5323	8	With Correct Serial Numbers
Valve , Intake	7M7817	8	
Guide, Exhaust	6N8847	8	
Guide, Intake	4N3664	8	
Insert, Valve Seat Exhaust	1S5738	8	
Insert, Valve Seat Intake	5S1757	8	
Valve Lock	3B1143	48	
Rotocoil	7N7639	16	Use With Correct Springs

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For Cylinder Heads Using 1/2" Stem Valves Continued			
DESCRIPTION	PART NUMBER	QTY. REQ.	COMMENTS
Spring, Valve Inner (Double)	9M5349	16	Use With 7N7639 Rotocoil
Spring, Valve Outer (Double)	9M5350	16	Use With 7N7639 Rotocoil
Spring, Valve (Single)	7S6323	16	Use With 7N7639 Rotocoil
Shield	8N7780	8	
Retainer, Spring Exhaust	3B1142	8	
Retainer, Spring Intake	3H5867	8	Use with 8F9206
Spacer, Valve Guide	3N1414	16	
Button, Rocker Arm	8F8858	16	
Ring, Button Retaining	9F7707	16	For 8F8858
Screw, Rocker Arm Adjusting	1A0744	16	
Bushing, Rocker Arm	3F7445	16	
Plug	3B0645	32	8 Per Cylinder Head
Spark Plug Adapter	7L0918	8	
Spark Plug Adapter Gasket	6L1576	8	Metal Gasket
Spark Plug Adapter Seal	6L7816	8	
Lifter, Valve	1021561	16	
Director, Water	5H7071	32	
GASKET SETS AND MISCELLANEOUS GASKETS			
Overhaul Gasket Set	2S7521	1	Serial # 72B 1 - 468
Overhaul Gasket Set	379021	1	72B 469 - Up Non Turbocharged
Overhaul Gasket Set (Composite)	379021CP	1	72B 469 - Up Non Turbocharged
Overhaul Gasket Set	379031	1	72B 469 - Up Turbocharged, Aftercooled
Overhaul Gasket Set (Composite)	379031CP	1	72B 469 - Up Turbocharged, Aftercooled
In Frame Gasket Set	379022	1	72B 469 - Up Non Turbocharged
In Frame Gasket Set (Composite)	379022CP	1	72B 469 - Up Non Turbocharged
In Frame Gasket Set	379032	1	72B 469 - Up Turbocharged, Aftercooled
In Frame Gasket Set (Composite)	379032CP	1	72B 469 - Up Turbocharged, Aftercooled
Multiple Cylinder Head Gasket Set	379023	1	72B 469 - Up Non Turbocharged
Multiple Cylinder Head Gasket Set	379023CP	1	72B 469 - Up Non Turbocharged
Multiple Cylinder Head Gasket Set	379033	1	72B 469 - Up Turbocharged, Aftercooled
Multiple Cylinder Head Gasket Set	379033CP	1	72B 469 - Up Turbocharged, Aftercooled
Single Cylinder Head Gasket Set	399054	4	72B 1 - Up Includes Ferrule Assemblies
Single Cylinder Head Gasket Set	399054CP	4	72B 1 - Up Includes Ferrule Assemblies
Cylinder Head Gasket (Metal Clad)	3N3220	4	
Cylinder Head Gasket (Composite)	3N3220CP	4	

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GASKET SETS AND MISCELLANEOUS GASKETS Continued			
DESCRIPTION	PART NUMBER	QTY. REQ.	COMMENTS
Gasket, Oil Pan	8L5457	1	
Gasket, Side Door	1F9223	4	
Gasket, Valve Cover	6L3352	4	Old Style
Seal, Valve Cover	2N3597	4	New Style
Gasket, Water Cover	1F4419	4	
Water Pump Gasket Set	3S1723	1	72B 1 - 467
Water Pump Gasket Set	6V5426	1	72B 468 - 685
Water Pump Gasket Set	6V3743	1	72B 686 - Up
NOTE: " CP " following part number indicates set contains IPD Composite Cylinder Head Gasket			
ENGINE BEARINGS AND BUSHINGS			
Main Bearing Standard	8N7764	5	
Main Bearing .025"	8N7765	5	
Main Bearing .050"	8N7766	5	
Rod Bearing Standard	8N7769	8	
Rod Bearing .025"	8N7770	8	
Rod Bearing .050"	8N7771	8	
Thrust Plates	4L4653	2	
Cam Bearing	5L2894	5	
Bushing, Connecting Rod	8N2275	8	
Bushing, Rocker Arm	3F7445	16	
CYLINDER KITS AND COMPONENTS			
Piston and Liner Assembly	PLG3S1824	8	7.0 : 1 CR
Piston and Liner Assembly	PLG3S1826	8	10.0 : 1 CR
Piston Body	3S1824	8	7.0 : 1 CR
Piston Body	3S1826	8	10.0 : 1 CR
Ring Group	1W6055	8	
Liner, Cylinder	8N9174	8	
Pin, Piston	7N9810	8	
Retainer, Piston Pin	7M4926	16	
Gasket Kit (Liner O Rings and Seal)	5P8970	8	Contains 3 - 6L7815 and 1 - 8N4708

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COOLING SYSTEM COMPONENTS			
DESCRIPTION	PART NUMBER	QTY. REQ.	COMMENTS
Regulator, Water Temperature 170'	6I4954	4	170 Degree
Regulator, Water Temperature 180'	4W4794	4	180 Degree
Regulator, Water Temperature 190'	7C3095	4	190 Degree
Regulator, Water Temperature 170'	1209453	4	New Sealed Design
Regulator, Water Temperature 180'	2485513	4	New Sealed Design
Regulator, Water Temperature 190'	2477133	4	New Sealed Design
Gasket, Regulator Housing	2N0741	4	
Seal, Regulator	3S9643	4	
Water Pump Rebuild Kit	1W7080	1	With 5N4378 Water Pump Shaft
Seal Assembly	4N7526	1	72B 1 - 683
Seal Assembly	1664376	1	72B 684 - Up
Shaft, Water Pump	5N4378	1	For 4L8800 Water Pump Group
Shaft, Water Pump	5N1883	1	For 2N0955 Water Pump Group
Seal, O Ring	1H8278	1	
Ring	2S3966	1	Use With 4N7526
Washer, Sealing	5L5840	A/R	
Seal, Rubber	3S3535	1	Use With 2S3966
Gasket, Shim	4L6706	A/R	Use 1 to 10
Gasket, Drain Plug	5B3265	1	
Gasket, Water Pump Mounting	4L3437	1	
Bearing, Fresh Water Pump	5L2660	2	1 in Water Pump and 1 in Carrier
Lock	7F7510	10	72B 684 - Up
Seal	8J6775	8	72B 684 - Up
Gasket, Retainer	4L9965	1	
Seal, Shaft Oil	2N2560	1	
Washer, Hardened	5M2894	8	Use With 5L5840
Adapter	6N4744	1	Use With 6N9313
Seal Ring (Metal)	6N5476	1	Use With 6N9313
Seal Ring (Rubber)	6N5475	1	Use With 6N9313
Tube, Water	5L9371	8	Cast Iron
Seal Ring, Water Tube	6L7817	8	
Oil Cooler Core	6N9237	1	(New)

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MISCELLANEOUS COMPONENTS			
DESCRIPTION	PART NUMBER	QTY. REQ.	COMMENTS
Crankshaft Components			
Seal, Front Directional	4W2606	1	Standard Rotation
Seal, Rear Directional	4W2607	1	Standard Rotation
Seal Group, Crankshaft Conversion	4W2568	1	Front Standard Rotation
Seal Group, Crankshaft Conversion	4W2569	1	Rear Standard Rotation
Seal Group, Crankshaft Conversion	4W2570	1	Front Opposite Rotation
Seal Group, Crankshaft Conversion	4W2571	1	Rear Opposite Rotation
Adapter, Crankshaft Seal	4W2566	1	Front Standard Rotation
Adapter, Crankshaft Seal	4W2567	1	Rear Standard Rotation
Adapter Gasket	5L2093	2	
Baffle	8L3972	2	
Cylinder Block Repair			
Sleeve, " Z " Stepped	1W6265	A/R	" Z " Type
Sleeve, " Z " Stepped	1W6266	A/R	" Z " Type
Sleeve, " Z " Stepped	1W6267	A/R	" Z " Type
Sleeve, Cast Iron	5P0936	A/R	" L " Type