

IPD parts for Caterpillar® G342 Engines

VALVE TRAIN AND CYLINDER HEAD COMPONENTS			
DESCRIPTION	PART NUMBER	QTY. REQ.	COMMENTS
Engine Serial # 71B 1 - Up			
For Cylinder Heads Using 3/8" Stem Valves			
Valve , Exhaust	1W1819	6	
Valve , Intake	1W1818	6	
Guide, Exhaust and Intake	1W1816	12	
Insert, Valve Seat Exhaust	8M9810	6	
Insert, Valve Seat Intake	9M8745	6	
Valve Lock	2A4429	24	
Rotocoil	7N7639	12	
Spring, Valve Inner (Double)	9M5349	12	
Spring, Valve Outer (Double)	9M5350	12	
Retainer, Spring	2N9297	12	
Spacer, Valve Guide	3N1414	12	
Screw, Rocker Arm Adjusting	1A0744	12	
Bushing, Rocker Arm	3F7445	12	
Plug	3B0623	28	
Plug	5M6214	2	
Spark Plug Adapter	7L0917	6	
Spark Plug Adapter Gasket	6L1576	6	Metal Gasket
Spark Plug Adapter Seal	6L7816	6	71B495 - Up
Spark Plug Adapter Seal	6B7021	6	71B 1 - 494
Director, Water	5H7071	24	
For Cylinder Heads Using 1/2" Stem Valves			
Valve , Exhaust	8H1993	6	
Valve , Intake	8H1994	6	
Guide, Exhaust and Exhaust	7N2051	12	
Insert, Valve Seat Exhaust	8M9810	6	
Insert, Valve Seat Intake	9M8745	6	
Valve Lock	3B1143	36	
Rotocoil	7N7639	12	
Spring, Valve Inner (Double)	9M5349	12	
Spring, Valve Outer (Double)	9M5350	12	
Retainer, Spring	3B1142	12	
Spacer, Valve Guide	3N1414	12	
Screw, Rocker Arm Adjusting	1A0744	12	
Bushing, Rocker Arm	3F7445	12	
Spark Plug Adapter	7L0917	6	
Spark Plug Adapter Gasket	6L1576	6	Metal Gasket
Spark Plug Adapter Seal	6L7816	6	71B495 - Up
Spark Plug Adapter Seal	6B7021	6	71B 1 - 494
Director, Water	5H7071	24	

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GASKET SETS AND MISCELLANEOUS GASKETS			
DESCRIPTION	PART NUMBER	QTY. REQ.	COMMENTS
Overhaul Gasket Set	342071	1	Non Spacer Plated Block
Overhaul Gasket Set	342081	1	Spacer Plated Block
In Frame Gasket Set	342072	1	Non Spacer Plated Block
Multiple Cylinder Head Gasket Set	342073	1	Non Spacer Plated Block
Multiple Cylinder Head Gasket Set	342083	1	Spacer Plated Block
Single Cylinder Head Gasket Set	342074	1	Non Spacer Plated Block
Single Cylinder Head Gasket Set	342084	1	Spacer Plated Block
Gasket, Oil Pan	2P3759	1	
Gasket, Valve Cover	7N9352	2	
Gasket, Side Door	6L5465	2	
Water Pump Gasket Set	6V4553	1	71B 1 - 2330
Water Pump Gasket Set	5P9241	1	71B 2331 - Up
ENGINE BEARINGS AND BUSHINGS			
Main Bearing Standard	8N7923	6	71B 750 - Up
Main Bearing Standard	8N7928	1	71B 750 - Up
Main Bearing .025"	8N7924	6	71B 750 - Up
Main Bearing .025"	8N7929	1	71B 750 - Up
Main Bearing .050"	8N7925	6	71B 750 - Up
Main Bearing .050"	8N7930	1	71B 750 - Up
Rod Bearing Standard	2M6499	6	71B 1 - 749
Rod Bearing Standard	8N7933	6	71B 750 - Up
Rod Bearing .025"	8N7934	6	71B 750 - Up
Rod Bearing .050"	8N7935	6	71B 750 - Up
Cam Bearing	4H9640	2	
Cam Bearing	8F8523	3	
Bushing, Front Cover	4H9640	2	
Bushing, Connecting Rod	4M9183	6	

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CYLINDER KITS AND COMPONENTS			
DESCRIPTION	PART NUMBER	QTY. REQ.	COMMENTS
Piston and Liner Assembly	PLG7M3681	6	7.5 : 1 CR
Piston and Liner Assembly	PLG7M3680	6	10.5 : 1 CR
Piston Body	7M3681	6	7.5 : 1 CR
Piston Body	7M3680	6	10.5 : 1 CR
Ring Group	3S4058	6	
Liner, Cylinder	8N5676	6	
Pin, Piston	7N9809	6	
Retainer, Piston Pin	7M4926	12	
Gasket Kit (Liner O Rings and Seal)	5P9221	6	Contains 3 - 6L7812 and 1 - 8N4638
COOLING SYSTEM COMPONENTS			
Regulator, Water Temperature 170'	9S3808	2	170 Degree 71B 1 - 220
Regulator, Water Temperature 170'	6I4954	2	170 Degree 71B 221 - 378
Regulator, Water Temperature 180'	4W4794	2	180 Degree 71B 379 - Up
Regulator, Water Temperature 170'	1209453	2	New Sealed Design
Regulator, Water Temperature 180'	2485513	2	New Sealed Design
Seal Assembly	4N7526	1	71B 1 - 2330
Seal Assembly	1664376	1	71B 2331 - Up
Seal, O Ring	3S3535	1	
Ring	2S3966	1	
Seal, Rubber	4H9836	1	
Gasket	4H8891	1	
Gasket	4H8890	1	
MISCELLANEOUS COMPONENTS			
Crankshaft Components			
Seal, Front	8H7319	1	71B 1 - 749
Seal, Rear	6H4498	1	71B 1 - 749
Seal, Front	2S1509	1	71B 750 - Up
Seal, Rear	2W2191	1	71B 750 - Up
Seal, Front	9N2539	1	71B 750 - Up Oversize Use With 9J0110
Sleeve, Front	9J0110	1	71B 750 - Up Use With 9N2539