



Lycoming At Overhaul 100% Parts & Replacement List *
Engine Model: O-540-B SERIES, E SERIES, G1A5, H SERIES

Description	Part Number	Quantity
Engine Gasket Set	SL71569-1	1
Piston Rings	SL3601-SC	6
Piston Pins	SL13444-1	6
Piston Pin Plugs	INCLUDED W/ Pin	
Exhaust Valves	SL19001A	6
Intake Guides	SL61681A	6
Exhaust Guides	SL74230A	6
Exhaust Valve Keeper Key	MS13997-3	12
Rocker Assemblies ('76 Series)	N/A	
Aluminum Push Rods Assemblies (235 & 290's)	N/A	
Hydraulic Plunger Assemblies	SL78290	12
Main Bearings (Front)	SL13884A	2
Main Bearings (Rear & Intermediate)	SL11020	6
Bearing Inserts (Connecting Rods)	SL13521A	12
Stressed Bolts & Fasteners:		
Stationary Drive Gear Bolts	N/A	
Camshaft Gear Attaching Bolts	N/A	
Connecting Rod Bolts	SL75061	12
Connecting Rod Nuts	SL12186	12
Crankshaft Flange Bolts	N/A	
Crankshaft Gear Bolt	SL-STD-2209	1
Counterweight Bushings	SL73810	4
Oil Pump Bodies	SL78528	1
Oil Pump Gears	SL18109A-S	1
Washer 1/4"	MS35333-40	
Washer 5/16"	MS35333-41	
Washer 3/8"	MS35333-42	
Washer 7/16"	MS35333-43	
Washers	A/R	
Washers	A/R	
Washers	A/R	
Washers	A/R	
Washers	A/R	
Lock Nuts	N/A	
Lock Nuts	N/A	
Lock Nuts	N/A	
Oil Seal Crankshaft	SL13792	1
Oil Seal Tach Drive	SL14260	1
Oil Seal Vacuum Pump	SL-STD-208	1
Propeller Governor Oil Line Elbows	N/A	
Propeller Shaft Sleeve Rings	N/A	
Magneto Drive Cushions	SL12136	4
Thermostatic Bypass Valves	SL53E19600	1
Crankshaft Sludge Tubes	N/A	



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Description	Part Number	Quantity
All Circlips	N/A	
Lock Plates Crankshaft	67516	1
Lock Plates Shroud Tube	SL12272	6
Lock Plates Fuel Pump Idler	SL71667	1
Lock Plates Alt Bracket	SL73383	1
Lock Plates	A/R	
Lock Plates	A/R	
Retaining Rings Crankshaft C/W	SL14820	8
Retaining Rings Camshaft	MS16625-2081	1
Retaining Rings	A/R	1
All Laminated Shims	N/A	
Pinion Shaft Rollers	N/A	
Propeller Shaft Thrust Bearings	N/A	
Supercharger Bearing Oil Seals	N/A	
Cylinder Fin Stabilizers	N/A	
Damaged Ignition Cables	M6004 SLICK	1
Accessory Drive Coupling Springs	N/A	
AC Diaphragm Fuel Pumps		
All V-Brand Couplings	N/A	
All V-Brand Gaskets	N/A	
Engine Hoses Intake	SL69603	6
Engine Hoses Oil Drainback Cylinder	SL-STD-1821	6
All Engine Hose Assemblies		

* In Accordance with Textron-Lycoming Mandatory Service Bulletin 240R