



Lycoming At Overhaul 100% Parts & Replacement List *
Engine Model: IO-540-C4B5, D4A5

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	6
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
Bearing Inserts (Front)	SL13884A	2
Bearing Inserts (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	SL71903A-A	8
Oil Pump Bodies	SL78528	1
Oil Pump Gears	SL18109A-S	1
Washer 1/4" Lock	MS35333-40	A/R
Washer 5/16" Lock	MS35333-41	A/R
Washer 3/8" Lock	MS35333-42	A/R
Washer 1/4" Flat	AN960-416	A/R
Washer 5/16" Flat	AN960-516	A/R
Washer 3/8" Flat	AN960-616	A/R
Lock Nuts	N/A	
Oil Seals Crankshaft	SL13792	1
Oil Seals Tach Drive	SL14260	1
Oil Seals Fuel Pump	SL-STD-208	1
Oil Seals	A/R	
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	
All Circlips	N/A	
Lock Plates Crank Gear	67516	1
Lock Plates Shroud Tube	SL12272	6
Lock Plates Fuel Pump Idler	SL 71667	1



Lycoming At Overhaul 100% Parts & Replacement List *
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Description	Part Number	Quantity
Lock Plates Alternator Bracket	SL73383	1
Lock Plates	A/R	1
Retaining Rings Crankshaft Counterweight	SL14820	8
Retaining Rings Camshaft	MS16625-2081	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		
Accessory Drive Coupling Springs	N/A	
AC Diaphragm Fuel Pumps	LW15473 (41234)	1
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