



Lycoming At Overhaul 100% Parts & Replacement List *

Engine Model: TIO-540-A1A, A1B, A2A, A2B, A2C (Narrow & Wide Decks)

Description	Part Number	Quantity
Engine Gasket Set	SL77175-1	1
Piston Rings	SL3601-SL	6
Piston Pins	SL13444-1	6
Piston Pin Plugs	INC W/PIN	
Exhaust Valves	SL16740A	6
Intake Guides	SL66713A	6
Exhaust Guides	SL75838A	6
Exhaust Valve Retaining Rings	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 (Main)	SL11575	6
Bearing Inserts (Main)	18A19399	2
Bearing Inserts (Connecting Rods)	SL74309A	12
Stressed Bolts & Fasteners:		
Stationary Drive Gear Bolts	N/A	
Camshaft Gear Attaching Bolts	N/A	
Connecting Rod Bolts	SL75060	12
Connecting Rod Nuts	SL12186	12
Crankshaft Flange Bolts		
Crankshaft Gear Bolt	SL-STD-2209	1
Counterweight Bushings	SL73810	4
Oil Pump Bodies	75287	1
Oil Pump Gears	61297	1
Oil Pump Gears	61298	1
Washers	MS35333-40	1
Washers	MS35333-41	1
Washers	MS35333-42	1
Washers	AN960-416	1
Washers	AN960-516	1



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Description	Part Number	Quantity
Washers	AN960-616	1
Lock Nuts		
Oil Seals	SL-STD-208	1
Oil Seals	SL-STD-213	1
Oil Seals	SL14260	1
Oil Seals	SL15628	1
Propeller Governor Oil Line Elbows		
Propeller Shaft Sleeve Rings		
Magneto Drive Cushions	SL12136	4
Thermostatic Bypass Valves	SL53E19600	1
Crankshaft Sludge Tubes		
Circlips		
Lock Plates	LW18638	1
Lock Plates	SL71667	1
Lock Plates	SL72078	1
Lock Plates	SL73383	1
Retaining Rings	STD1737	1
Retaining Rings	MS16625-2081	1
Retaining Rings	SL14820	8
All Laminated Shims		
Pinion Shaft Rollers		
Propeller Shaft Thrust Bearings		
Supercharger Bearing Oil Seals		
Cylinder Fin Stabilizers	SL10451	6
Cylinder Fin Stabilizers	SL10452	6
Cylinder Fin Stabilizers	SL10450	6
Damaged Ignition Cables	M2037 SLICK	1
Accessory Drive Coupling Springs		
AC Diaphragm Fuel Pumps		
All V-Brand Couplings		
All V-Brand Gaskets		



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Description	Part Number	Quantity
Engine Hoses Oil Drainback Cylinder	SL-STD-1821	6
Engine Hoses Upper Deck Vent	SL76772	6
All Engine Hose Assemblies		

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