



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 | INc W/ Pin | 6 |
| Exhaust Valves | SL17540 | 6 |
| Intake Guides | SL61681A | 6 |
| Exhaust Guides | SL74230A | 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 (Front) | SL13884 | 2 |
| Bearing Inserts (Rear & Intermediate) | SL11020 | 6 |
| Bearing Inserts (Connecting Rods) | SL13521 | 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 | STD2209 | 1 |
| Counterweight Bushings | 71903 | 8 |
| Oil Pump Bodies | SL78528 | 1 |
| Oil Pump Gears | SL18109A-S | 1 |
| Washer 1/4" Lock | MS35333-40 | A/R |
| Washer 5/16" Lock | MS3533-41 | 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 | LW14260 | 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 | Lyc 67516 | 1 |
| Lock Plates Shroud Tube | SL12272 | 6 |
| Lock Plates Fuel Pump Idler | Lyc 71667 | 1 |



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| Lock Plates Alternator Bracket | 73383 | 1 |
| Lock Plates | A/R | 1 |
| Retaining Rings Crankshaft Counterweight | SL14820 | 8 |
| Retaining Rings Camshaft | MS16625-1081 | 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 240P