



Lycoming At Overhaul 100% Parts & Replacement List *
Engine Model: TIO <IO- 540-J2BD, N2BD, F2BD

| Description | Part Number | Quantity |
|---|--------------|----------|
| Engine Gasket Set | SL12956 | 1 |
| Piston Rings | SL3601-SC | 6 |
| Piston Pins | SL13444-1 | 6 |
| Piston Pin Plugs | INC W/PIN | |
| Exhaust Valves | SL17720 | 6 |
| Intake Guides | SL66713 | 6 |
| Exhaust Guides | SL75838 | 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) | SL13885 | 2 |
| Bearing Inserts (Main) | SL11575 | 6 |
| Bearing Inserts (Connecting Rods) | SL74309 | 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 | N/A | |
| Crankshaft Gear Bolt | AN8-14A | 1 |
| Counterweight Bushings | SL71903 | 8 |
| Oil Pump Bodies | LW10344 | 1 |
| Oil Pump Gears | SL61298 | 1 |
| Oil Pump Gears | SL61297 | 1 |
| Washers | | |
| Washers | | |
| Washers | | |
| Washers | | |
| Washers | | |
| Washers | | |
| Lock Nuts | N/A | |
| Oil Seals Crankshaft | SL15628 | 1 |
| Oil Seals Fuel Pump I | STD-213 | 1 |
| Oil Seals Tach Shaft | LW14260 | 1 |
| Oil Seals Vacuum Pump | SL-STD-208 | 2 |
| Propeller Governor Oil Line Elbows | N/A | |
| Propeller Shaft Sleeve Rings | N/A | |
| Magneto Drive Cushions | SL13641 | 2 |
| Thermostatic Bypass Valves | SL53E19600 | 1 |
| Crankshaft Sludge Tubes | N/A | |
| All Circlips | N/A | |
| Lock Plates Crank Gear | LW18638 | 1 |
| Lock Plates Fuel Pump Idler | 71667 | 1 |
| Retaining Rings Fuel Pump Idler | STD-1737 | 1 |
| Retaining Rings Tach Shaft | MS16625-1081 | 1 |
| Retaining Rings Crankshaft C/W | SL14820 | 8 |
| 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 | 75151 | 6 |
| Cylinder Fin Stabilizers | 75152 | 6 |
| Cylinder Fin Stabilizers | 75164 | 6 |
| Damaged Ignition Cables | M2918 SLICK | |
| Accessory Drive Coupling Springs | N/A | |
| AC Diaphragm Fuel Pumps | | |
| All V-Brand Couplings | LW12093-5 | 2 |
| All V-Brand Gaskets | 78074 | 2 |
| 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 240P