



**Lycoming At Overhaul 100% Parts & Replacement List \***  
**Engine Model: IO-720-A1A, A1B, C1B, D1B (W/D)**

| Description                                   | Part Number | Quantity |
|---|-------------|----------|
| Engine Gasket Set                             | SL715423    | 1        |
| Piston Rings                                  | SL 3601-SC  | 8        |
| Piston Pins                                   | SL 13444-1  | 8        |
| Piston Pin Plugs                              | INC W/PIN   |          |
| Exhaust Valves                                | SL16740A    | 8        |
| Intake Guides                                 | SL66713A    | 8        |
| Exhaust Guides                                | SL75838A    | 8        |
| Exhaust Valve Retaining Rings                 | MS 13997-3  | 16       |
| Rocker Assemblies ( '76 Series )              | N/A         |          |
| Aluminum Push Rods Assemblies ( 235 & 290's ) | N/A         |          |
| Hydraulic Plunger Assemblies:                 |             |          |
| Bearing Inserts ( Main )                      | 18A19399    | 2        |
| Bearing Inserts ( Main )                      | SL11575     | 8        |
| Bearing Inserts ( Connecting Rods)            | SL74309A    | 16       |
| Stressed Bolts & Fasteners:                   |             |          |
| Stationary Drive Gear Bolts                   |             |          |
| Camshaft Gear Attaching Bolts                 | SL-STD-1791 | 4        |
| Connecting Rod Bolts                          | SL75060     | 16       |
| Connecting Rod Nuts                           | SL 12186    | 16       |
| Crankshaft Flange Bolts                       | N/A         |          |
| Crankshaft Gear Bolt                          | SL-STD-2213 | 1        |
| Counterweight Bushings                        | SL73810     | 32       |
| Oil Pump Bodies                               | 75287       | 1        |
| Oil Pump Gears                                | 61298       | 1        |
| Oil Pump Gears                                | 61297       | 1        |
| Washers                                       | A/R         |          |
| Washers                                       | A/R         |          |
| Washers                                       | A/R         |          |
| Washers                                       | A/R         |          |
| Washers                                       | A/R         |          |
| Washers                                       | A/R         |          |
| Lock Nuts                                     |             |          |
| Oil Seals Crankshaft                          | 78443       | 1        |
| Oil Seals Tach Drive                          | SL14260     | 1        |
| Oil Seals Vacuum Pump                         | SL-STD-208  | 1        |
| Oil Seals Fuel Pump                           | SL-STD-213  | 1        |
| Oil Seals                                     |             |          |
| Propeller Governor Oil Line Elbows            | N/A         |          |
| Propeller Shaft Sleeve Rings                  | N/A         |          |
| Magneto Drive Cushions                        | SL 12681    | 2        |
| Thermostatic Bypass Valves                    | SL53E19600  | 1        |
| Crankshaft Sludge Tubes                       | N/A         |          |
| All Circlips                                  | A/R         |          |
| Lock Plates Crankshaft Gear                   | SL18639     | 1        |
| Lock Plates Cam Gear                          | SL72078     | 4        |
| Lock Plates Fuel Pump Idler                   | 72829       | 1        |
| Lock Plates Alt Bracket                       | SL73383     | 1        |
| Lock Plates Mag Drive Shaft                   | SL73817     | 2        |
| Lock Plates                                   | A/R         |          |
| Retaining Ring Crankshaft C/W                 | SL14820     | 32       |



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|-------------------------------------|-------------|----------|
| Retaining Ring Cam To Prop Gov      | STD-1732    | 2        |
| Retaining Ring Fuel Pump Idler      | STD-1737    | 1        |
| Retaining Ring                      | N/A         |          |
| Pinion Shaft Rollers                | N/A         |          |
| Propeller Shaft Thrust Bearings     | N/A         |          |
| Supercharger Bearing Oil Seals      | N/A         |          |
| Cylinder Fin Stabilizers            | SL72343     | 8        |
| Cylinder Fin Stabilizers            | SL72344     | 8        |
| Damaged Ignition Cables             |             |          |
| Accessory Drive Coupling Springs    | N/A         |          |
| AC Diaphragm Fuel Pumps             | LW 15399    |          |
| All V-Brand Couplings               | N/A         |          |
| All V-Brand Gaskets                 | N/A         |          |
| Engine Hoses oil Drainback Cylinder | SL-STD-1821 | 8        |
| All Engine Hose Assemblies          |             |          |

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