



Continental At Overhaul 100% Parts Replacement List
Engine Model: TSIO 520 B,D,E,J,K,L,N,U Permold

| Description | Part No. | Qty. |
|---|-----------------|-------------|
| Major Overhaul Gasket Set (Inc. Intake Hoses) | SA633570-A5 | 1 |
| Major Overhaul Gasket Set W/ Hoses (For TSIO-520-D,U) | SA633570-A8 | 1 |
| Major Overhaul Gasket Set (Check for Supplement) | SA646550-A1 | 1 |
| Intake Hoses | SA642917-1 | VAR |
| Hydraulic Valve Lifter Intake | SA628488 | 6 |
| Hydraulic Valve Lifter Exhaust | SA646277 | 6 |
| Connecting Rod Bearing | SA630826 | 12 |
| Main Bearing Set (Phase 2 Case) | SA646593-A1 | 1 |
| Rocker Arm Bushing (One Piece Bushing) | SA520129 | 12 |
| Connecting Rod Bushing | SA530658 | 6 |
| Counterweight Pin | SA643626-101 | 4 |
| Counterweight Pin | SA643626-104 | 2 |
| Counterweight Pin | SA643626-103 | 2 |
| Counterweight Bushing | SA350998 | 16 |
| Counterweight Retaining Plates | SA643629 | 16 |
| Counterweight Snap Rings | SA629104 | 16 |
| Connecting Rod Bolts | SA629340 | 12 |
| Connecting Rod Nuts | SA628109 | 12 |
| Connecting Rod Cotter Pins | MS24665-229 | 12 |
| Camshaft Bolts | SA631088-.44 | 4 |
| Crankshaft Bolts | SA536379 | 6 |
| Crankshaft Alternator Face Gear Bolts | SA649205 | 4 |
| Crankshaft Alternator Face Gear Lock Plate | SA641909 | 2 |
| Woodruff Keys | MS35756-8 | 2 |
| Magneto Drive Rubber Bushings | SA638172 | 4 |
| Exhaust Valves | SA643873 | 6 |
| Exhaust Valve Rotocoils | SA629117-1 | 6 |
| Valve Keepers | SA28402 | 24 |
| Valve Springs Inner | SA654442 | 12 |
| Valve Springs Outer | SA654441 | 6 |
| Piston Pins | SA630046 | 6 |
| Piston Rings (For Steel Barrel) | SA5000-SC5 | 6 |
| Pistons | SA648044 | 6 |
| Rocker Shafts | SA652984 | 12 |
| Rocker Shaft Retaining Bolt Washer | SA652947 | 12 |
| Rocker Shaft Retaining Bolt | MS90725-12 | 12 |
| Rocker Shaft Thrust Washer | 653188 | 24 |
| Crankcase Through Bolt | SA641931-10.75 | 8 |
| Cylinder Hold Down Nuts | SA531001 | 36 |
| Cylinder Hold Down Nuts | SA634505 | 12 |
| Crankcase Nose Seal | SA641250 | 1 |
| Exhaust Clamps (Turbocharged Engines) | 653832 | 2 |



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| | | |
|---|-------------|-----|
| Fuel Pump Drive Coupling Per TCM MSB 95-6 | 653359 | 1 |
| 360 Series Oil Screen Per SB 96-4 | N/A | |
| 360 Series Oil Suction Screen Per SB 96-4 | N/A | |
| Oil Pump Gears Per TCM SB 96-4 & CSB 96-5 | N/A | |
| Ignition Harness | M2828 SLICK | 1 |
| Lockwasher: | | |
| 1/4" | MS35333-40 | A/R |
| 5/16" | MS35333-41 | A/R |
| 3/8" | MS35333-42 | A/R |
| 7/16" | MS35333-43 | A/R |
| Flatwasher: | | |
| 1/4" | AN960-416 | A/R |
| 5/16" | AN960-516 | A/R |
| 3/8" | AN960-616 | A/R |
| 7/16" | AN960-716 | A/R |