



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