



**CONTINENTAL**  
**TSIO520 NB,UB,VB,WB**  
**LOWER END PARTS**

TSIO520-NB,UB,VB,WB	Quantity Required	Unit
Major Gasket Set ( No Intake Hoses)	1	each
Supplement for TSIO520-BB,DB,EB,VB	1	each
Supplement for TSIO520-JB,KB,NB	1	each
Supplement for TSIO520-LB,WB	1	each
Supplement for TSIO520-UB	1	each
Intake Hoses	10	each
Intake Hose Clamp	16	each
Crankshaft Seal	1	each
Hydraulic Valve Lifter	6	each
Hydraulic Valve Lifter	6	each
Camshaft Kit Includes Lifters	1	each
Camshaft Bolts	4	each
Main Bearing Set Std. Phase 3 Case	1 *	each
Main Bearing Set M010 Phase 3 Case	1 *	each
Connecting Rod Bearing Std.	12 *	each
Connecting Rod Bearing M010	12 *	each
Connecting Rod Bolts 7/16	12	each
Connecting Rod Nuts 7/16	12	each
Connecting Rod Cotter Pins	12	each
Connecting Rod Bushing	6	each
Rocker Arm Bushing	24	each
Crankshaft Gear Bolts	6	each
Alternator Face Gear Lock Tabs	2	each



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**LOWER END PARTS**

TSIO520-NB,UB,VB,WB	Quantity Required	Unit
Alternator Face Gear Bolts	4	each
Crankcase Through Bolt Kit	1 *	each
Crankcase Through Bolt Kit	1 *	each
Crankcase Through Bolt Kit	1 *	each
Crankcase Through Bolt Kit	1 *	each
Crankcase Needle Bearing	1	each
Cylinder Base Nuts	12	each
Cylinder Base Nuts	36	each
Fuel Pump Drive Coupling	1	each
Oil Pump Plunger Kit	1	each
Oil Cooler Baffle	1	each
Vernatherm	1	each
Counterweight Pins	2	each
Counterweight Pins	2	each
Counterweight Pins	4	each
Counterweight Snap Rings	16	each
Counterweight Plates	16	each
Counterweight Bushing	16	each
Crank Counterweight Bushings	8	each
Double Clamps	2	each
Piston Pins	6	each
Exhaust Gaskets	6	each
Exhaust Nuts	24	each



**CONTINENTAL**  
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**LOWER END PARTS**

<b>TSIO520-NB,UB,VB,WB</b>	<b>Quantity Required</b>	<b>Unit</b>
<b>Bearing</b>	1	each
<b>Bearing</b>	1	each
<b>Bearing</b>	1	each
<b>Bearing</b>	1	each
<b>Bearing</b>	1	each
<b>Key</b>	1	each
<b>Lock Tab</b>	1	each
<b>Snap Ring</b>	1	each
<b>Snap Ring</b>	1	each
<b>Snap Ring</b>	1	each
<b>Spring (Check size and compatibility)</b>	1	each
<b>Quick Drain</b>	1	each
*As Required		