

**Illustrated Parts List
for
VERTICAL CRANKSHAFT
SHORT BLOCKS**

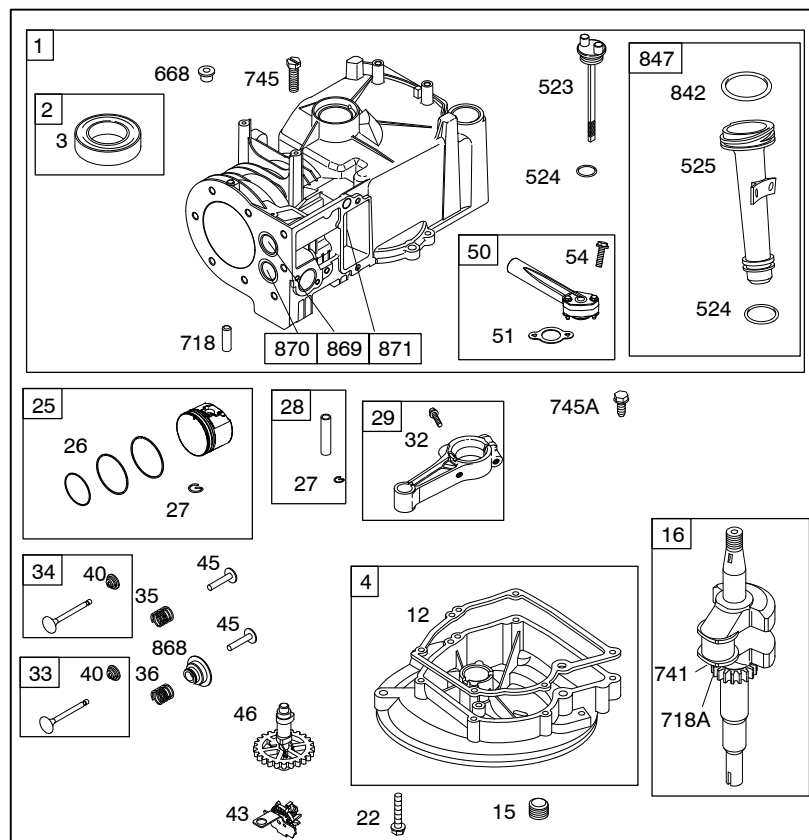
VB-0 (398210), VB-1 (398211), VB-3 (398213)

For use on Engine Model Series
**90700, 92500, 92900, 93900, 95900,
96500, 96900, 98900, 9A900, 9B900,
9D900, 10A900, 10B900, 10C900,
10D900, 10H900, 10J900, 10L500,
10T500, and 10T700**

INSTRUCTIONS

To obtain the correct part numbers for an engine which has been rebuilt with a Short Block Assembly, follow these instructions:

- A. For all parts shown in the illustrated view to the left, use this Parts List.
- B. For all other parts, refer to the Illustrated Parts List which is appropriate for your engine by Model, Type and Code (Serial) Number.



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	699653	Cylinder Assembly	22	692551	Screw (Engine Sump)	523	691913	Dipstick
2	399269	Kit-Bushing/Seal	25	795691	Piston Assy. (Standard)	524	691876	Seal-Filler Tube
3	299819	Seal-Oil		792532	Piston Assy.-.020\" O.S.	525	691320	Tube-Dipstick
4	698691	Sump-Engine	26	795690	Ring Set (Standard)	617	270344	Seal-O Ring (Intake Manifold)
7	698717	Gasket-Cylinder Head		795134	Ring Set-Piston-.020\" O.S.	668	692889	Spacer
9	695890	Gasket-Valve Cover	27	691588	Lock-Piston Pin	718	690959	Pin-Locating
10	691666	Screw	28	699656	Pin-Piston	718A	499047	Pin-Locating
12	692218	Gasket-Crankcase-.015\" thick (Std.)	29	699655	Rod-Connecting	741	796210	Gear-Timing
	270895	Gasket-Crankcase-.005\" thick	32	691664	Screw (Connecting Rod)	745	691146	Screw (Brake)
	270896	Gasket-Crankcase-.009\" thick	33	296676	Valve-Exhaust	745A	690859	Screw (Brake)
15	691680	Plug-Oil Drain	34	296677	Valve-Intake	842	691870	Seal-O Ring (Dipstick Tube)
16	796211	Crankshaft Used on VB-1	35	690520	Spring-Intake Valve	847	398010	Dipstick/Tube Assembly
	796213	Crankshaft Used on VB-3	36	690520	Spring-Exhaust Valve	868	697338	Seal-Valve
	796212	Crankshaft Used on VB-0 To Replace Crankshaft Gear Pin, Order Part 499047.	40	692194	Retainer-Valve	869	699641	Seat-Intake Valve
19	293709	Kit-Bushing/Seal	43	698690	Slinger-Governor/Oil	870	699642	Seal-Exhaust Valve
20	391483	Seal-Oil	45	691762	Tappet-Valve	871	699643	Guide-Exhaust Valve
			46	793149	Camshaft		63709	Guide-Intake Valve
			50	699644	Manifold-Intake			
			51	699649	Gasket-Intake			
			54	691111	Screw (Intake Manifold)			



SHORT BLOCK ASSEMBLY INSTRUCTIONS

GENERAL INFORMATION

To use a Short Block, ignition, carburetion and starter parts are transferred from the old engine to a short block assembly. This reduces repair time and provides an engine with all new internal parts assembled to new engine production standards.

All parts being transferred should be thoroughly cleaned of dirt, oil and grease, and carefully inspected to be sure that all parts are suitable for additional service. Additional engine parts necessary for the repair of the old engine should be supplied from parts stock.

Any new parts that are required should be ordered from the parts list covering the original engine model - type - code number. In some instances the internal parts in the Short Block differ from those used in the original engine. Therefore, to identify the rebuilt engine for future parts requirements, a metallic self-adhesive label is supplied in an envelope with each Short Block. The label bears a symbol (example V-1) and should be attached to the engine adjacent to the model, type and code numbers that are stamped on the engine identification nameplate. At any time repair parts are ordered, add the symbol to the original type number (example 0134 V110). This will permit identification of the proper parts in the Short Block.

To apply the symbol label, first thoroughly clean the area in which it will be applied using petroleum solvent. Carefully peel the backing from the label by starting at one corner. Apply label evenly in position, using finger pressure to smooth out the surface of the label.

SPECIAL INSTRUCTIONS

LUBRICATE UPPER CYLINDER:

Before installing the cylinder head, move piston near top of cylinder bore. Place 2 tablespoons of clean engine oil around outer diameter of piston. Crank slowly to spread the oil. This will protect the upper surfaces of the piston and cylinder bore during the first few moments of operation.



WARNING: BEFORE STARTING OR RUNNING ENGINE, STATIC ADJUSTMENT OF THE GOVERNOR MUST BE MADE. FAILURE TO MAKE STATIC ADJUSTMENT COULD RESULT IN ENGINE OVERSPEEDING WHICH MAY RESULT IN ENGINE OR EQUIPMENT DAMAGE CAUSING PERSONAL INJURY OR PROPERTY DAMAGE.

ALWAYS REFER TO THE APPROPRIATE BRIGGS & STRATTON REPAIR MANUAL FOR PROPER STATIC GOVERNOR ADJUSTMENTS.