

96500 to 96599

SERVICE ENGINE



SALES MANUAL

**MODEL 96500 SERIES ENGINES REPLACED WITH
 STANDARD SERVICE ENGINES**

In most cases, the Original Type numbers shown may be replaced by a Service Type Number without making any changes. Necessary changes of engine parts such as crankshafts, reduction parts, blower housings, etc., are noted. Other differences, such as mufflers, elbows, deflectors, etc., are not listed but are very important for safety and engine performance. Be sure the exhaust system on the replacement engine duplicates the system originally selected by the equipment manufacturer. Parts that are suitable for additional use should be transferred. Before making any conversion, check the data shown in the column labeled "REMOVE, ADD and NOTE." See if the changes, which are shown, are actually necessary on the application in question. Often a standard service engine will be a WORKABLE replacement without converting to such things as a special fuel tank or starter position.

If the crankshaft number does not appear in the "Original Engine" column, consult the Illustrated Parts List for the correct service replacement crankshaft number.

Engine Replacement Notes:

NOTE 25: If the replacement engine supersedes to or is a Model 120000 series engine, refer to the illustrations located after the conversion data for this model series. The overall dimensions that differ, are shown in the illustrations. If after making a visual inspection and it is determined the Model 120000 series engine cannot be used because of equipment interference, the original engine should be repaired with individual parts.

Short Block Notes:

The SHORT BLOCK part number shown, is the assembly which can be used to rebuild the Original Type Number. If a letter appears after the short block number, it indicates the short block must be modified. The change denoted by each letter is as follows:

NOTE FF: Change Drive Shaft in Short Block. Remove 230948. Add 230831.

NOTE PP: Change Drive Shaft in Short Block. Remove 230831. Add 231213.

96500 to 96599

Original Engine			Make From		Remove		Add		Note	Change to Type	Trim	RPM	Short Block	
Type	Model	Crank	Model	Type #	Qty	Part #	Qty	Part #					Part #	Notes
0110	96582	492748	No Replacement Repair With Short Block and/or Individual Parts						All	3200	398214			
0111	96502	492748	122K02	0515	1	690319	1	691851	25	All	3500	398210		
0112	96502	494034	122K02	0518	1	492177	1	492893	25	All	3200	398213		
0113	96502	494034	122K02	0518	1	492177	1	492893	25	All	3200	398213		
0114	96502	492748	122K02	0515					25	All	3200	398210		
0115	96502	492748	122K02	0515	1	690319	1	691290	25	All	3700	398210		
3112	96502	492748	122K02	0515	1	690319	1	691851	25	All	3500	398210		
3113	96582	492748	No Replacement Repair With Short Block and/or Individual Parts						All	3100	398215	FF		
3114	96582	492086	No Replacement Repair With Short Block and/or Individual Parts						All	3100	398217			
3115	96502	493846	9M902	0018						All	3100	398213		
3116	96582	492748	See Equipment Manufacturer for Replacement Engines and Parts.						All	3000	398215	FF		
3117	96502	492086	9M902	0016						All	3100	398211		
3118	96582	492086	No Replacement Repair With Short Block and/or Individual Parts						All	3100	398216			
3119	96582	492086	No Replacement Repair With Short Block and/or Individual Parts						All	3100	398217			
3120	96502	492086	122K02	0516	1	690319	1	691851	25	All	3500	398211		
3121	96582	492748	No Replacement Repair With Short Block and/or Individual Parts						All	3200	398214			
3122	96582	492748	No Replacement Repair With Short Block and/or Individual Parts						All	3100	398215	PP		
3123	96502	492086	9M902	0016						All	3100	398211		
3124	96502	493846	9M902	0018						All	3100			
3125	96582	492748	No Replacement Repair With Short Block and/or Individual Parts						All	3100	3398215	PP		
3126	96502	492748	122K02	0515					25	All	3100	398210		
3127	96502	492086	9M902	0016						All	3100	398211		
3128	96502	492748	9M902	0015						All	3100	398210		
3129	96502	492748	9M902	0015						All	2900	398210		
3130	96582	492086	No Replacement Repair With Short Block and/or Individual Parts						All	3100	398217			
3131	96502	397222	No Replacement Repair With Short Block and/or Individual Parts						All	3300	398212			
3132	96502	492748	9M902	0015						All	3100	398210		
3133	96502	492748	9M902	0015						All	3100	398210		

96500 to 96599

Original Engine			Make From		Remove		Add		Note	Change to Type	Trim	RPM	Short Block	
Type	Model	Crank	Model	Type #	Qty	Part #	Qty	Part #					Part #	Notes
3134	96582	492748	No Replacement Repair With Short Block and/or Individual Parts								All	3200	398215	
3135	96502	492748	9M902	0015							All	3100	398210	
3136	96582	492748	No Replacement Repair With Short Block and/or Individual Parts								All	3200	398215	PP
3187	96502	492748	122K02	0515					25		All	3200	398210	
3188	96502	492748	9M902	0015							All	3100	398210	
3189	96582	492748	No Replacement Repair With Short Block and/or Individual Parts								All	3100	398215	
3190	96502	492748	9M902	0015							All	3100	398210	
3191	96502	494034	9M902	0018							All	3100	398213	
3199	96502	492748	122K02	0515					25		All	3200	398210	
3200	96582	492748	No Replacement Repair With Short Block and/or Individual Parts								All	3200	398214	
3202	96502	492748	122K02	0515					25		All	3200	398210	
3510	96502	492086	9M902	0016							All	3100	398211	
3511	96502	492086	9M902	0016							All	3100	398211	
4001	96502	494034	122K02	0518	1	492177	1	492893	25		All	3200	398213	