

194400 to 194499

SERVICE ENGINE



SALES MANUAL

**MODEL 194400 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 15: For all Go-Karts use only a Model 136200 series engine as a replacement, regardless of the original Model.

NOTE 30: If the replacement engine supersedes to or is a Model 200000 series engine, refer to the illustrations located after the conversion data for this model series. To make the crankshaft center line the same add 695154 spacer kit, other overall dimensions which differ, are shown in the illustrations. If after making a visual inspection and it is determined the Model 200000 series engine cannot be used because of equipment interference, the original engine should be repaired with a short block and/or 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:

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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
0106	194412	492454	205432	0038					15 30		01	3750	398292	
0107	194417	492454	No Replacement Repair With Individual Parts.						15		01	3750	398292	
0108	194412	493453	No Replacement Repair With Individual Parts.						15		01	3750		
0109	194412	493453	No Replacement Repair With Individual Parts.						15		01	3750		
0110	194412	493453	No Replacement Repair With Individual Parts.						15		All	3750		
0111	194415	493453	No Replacement Repair With Individual Parts.						15		01	3750		
0112	194412	493453	No Replacement Repair With Individual Parts.						15		01	3750		
0113	194412	492454	205432	0038					15 30		01	3750	398292	
0114	194412	492454	205432	0038					15 30		01	3750	398292	
0115	194412	492454	205432	0038					15 30		01	3750	398292	
0116	194417	492454	No Replacement Repair With Individual Parts.						15		01	3750	398292	
0117	194412	493453	No Replacement Repair With Individual Parts.						15		01	3750		
0118	194412	493453	No Replacement Repair With Individual Parts.						15		01	3750		
0119	194412	493453	No Replacement Repair With Individual Parts.						15		01	3750		
0120	194417	492454	No Replacement Repair With Individual Parts.						15		01	3750	398292	
0121	194412	492454	205432	0038					15 30		01	3750	398292	
0122	194412	492454	205432	0038					15 30		01	3750	398292	
0123	194417	492454	No Replacement Repair With Individual Parts.						15		01	3750	398292	
0124	194415	493453	No Replacement Repair With Individual Parts.						15		01	3750		
0125	194415	493453	No Replacement Repair With Individual Parts.						15		01	3750		
1110	194412	495832	No Replacement Repair With Individual Parts.						15		02	3750		

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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
1111	194412	495790	205432	0038					15 30		01	3750	398292	
1112	194412	495790	205432	0038					15 30		01	3750	398292	
1114	194412	495790	205432	0038					15 30		01	3750	398292	
1120	194417	495790	No Replacement Repair With Individual Parts.						15		All	3750	398292	
1121	194412	495790	205432	0038					15 30		All	3750	398292	
1122	194417	495790	No Replacement Repair With Individual Parts.						15		01	3750	398292	
1123	194412	495832	No Replacement Repair With Individual Parts.						15		01	3750		
1124	194415	495832	No Replacement Repair With Individual Parts.						15		01	3750		
1125	194412	495832	No Replacement Repair With Individual Parts.						15		01	3750		
1126	194412	495832	No Replacement Repair With Individual Parts.						15		01	3750		
1127	194415	495832	No Replacement Repair With Individual Parts.						15		01	3750		
1128	194415	495832	No Replacement Repair With Individual Parts.						15		01	3750		
1129	194417	495790	No Replacement Repair With Individual Parts.						15		01	3750	398292	
1130	194412	495790	205432	0038					15 30		All	3750	398292	
1131	194412	495790	205432	0038					15 30		01	3750	398292	
1150	194417	495790	No Replacement Repair With Individual Parts.						15		All	3750	398292	
1151	194412	495790	205432	0038					15 30		All	3750	398292	

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