

197400 to 197499**SERVICE ENGINE****SALES MANUAL****MODEL 197400 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:

197400 to 197499

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
0010	197412	495790	No Replacement Repair With Individual Parts.						15		01	3750	497538	
0073	197412	495790	No Replacement Repair With Individual Parts.						15		01	3750	497538	
0074	197412	495790	205432	0038					15		01	3750	497538	
									30					
0116	197412	495790	No Replacement Repair With Individual Parts.						15		01	3750	497538	
0120	197417	495790	No Replacement Repair With Individual Parts.						15		All	3750	497538	
0121	197412	495790	205432	0038					15		All	3750	497538	
									30					
0124	197412	495790	205432	0038					15		All	3750	497538	
									30					
0139	197412	495790	No Replacement Repair With Individual Parts.						15		01	3750	497538	
0140	197415	495790	No Replacement Repair With Individual Parts.						15		01	3750	497538	
0141	197417	495790	No Replacement Repair With Individual Parts.						15		01	3750	497538	
0142	197412	495790	No Replacement Repair With Individual Parts.						15		01	3750	497538	
0143	197417	495790	No Replacement Repair With Individual Parts.						15		01	3750	497538	
0144	197412	495790	No Replacement Repair With Individual Parts.						15		01	3800	497538	
0145	197412	495788	No Replacement Repair With Individual Parts.						15		01	3750		
0146	197412	495788	No Replacement Repair With Individual Parts.						15		01	3750		
0147	197412	495790	205432	0038					15		01	3750	497538	
									30					
0148	197417	495790	No Replacement Repair With Individual Parts.						15		01	3750	497538	
0149	197417	495790	No Replacement Repair With Individual Parts.						15		01	3750	497538	
0150	197412	495790	No Replacement Repair With Individual Parts.						15		All	3750	497538	
0151	197417	495790	No Replacement Repair With Individual Parts.						15		01	3750	497538	
0573	197412	495790	No Replacement Repair With Individual Parts.						15		A1	3750	497538	
0624	197412	495790	No Replacement Repair With Individual Parts.						15		A1	3750	497538	
0642	197412	495790	No Replacement Repair With Individual Parts.						15		A1	3750	497538	
0643	197417	495790	No Replacement Repair With Individual Parts.						15		A1	3750	497538	

197400 to 197499

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
0644	197412	495790	No Replacement Repair With Individual Parts.						15		A1	3800	497538	
0647	197412	495790	205432	0038					15		A1	3750	497538	
									30					
0648	197417	495790	No Replacement Repair With Individual Parts.						15		A1	3750	497538	
0649	197417	495790	No Replacement Repair With Individual Parts.						15		A1	3750	497538	
0650	197412	495790	No Replacement Repair With Individual Parts.						15		A1	3750	497538	
1010	197412	495790	No Replacement Repair With Individual Parts.						15		E1	3750	497538	
1073	197412	495790	No Replacement Repair With Individual Parts.						15		E1	3750	497538	
1142	197412	495790	No Replacement Repair With Individual Parts.						15		E1	3800	497538	
1143	197417	495790	No Replacement Repair With Individual Parts.						15		E1	3800	497538	
1144	197412	495790	No Replacement Repair With Individual Parts.						15		E1	3800	497538	
1149	197417	495790	No Replacement Repair With Individual Parts.						15		E1	3750	497538	
1150	197412	495790	No Replacement Repair With Individual Parts.						15		E1	3750	497538	
1152	197417	495790	No Replacement Repair With Individual Parts.						15		E1	3800	497538	
1153	197417	495790	No Replacement Repair With Individual Parts.						15		E1	3800	497538	
1154	197412	497590	No Replacement Repair With Individual Parts.						15		E1	3750	497538	

MODEL 200000

