

**19E400 to 19E499**

**SERVICE ENGINE**



**SALES MANUAL**

**MODEL 19E400 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.

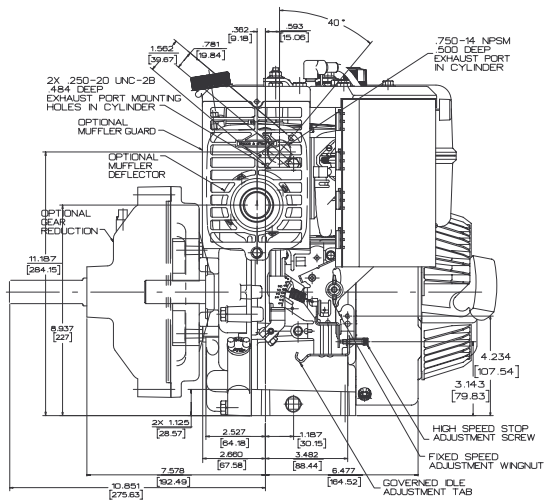
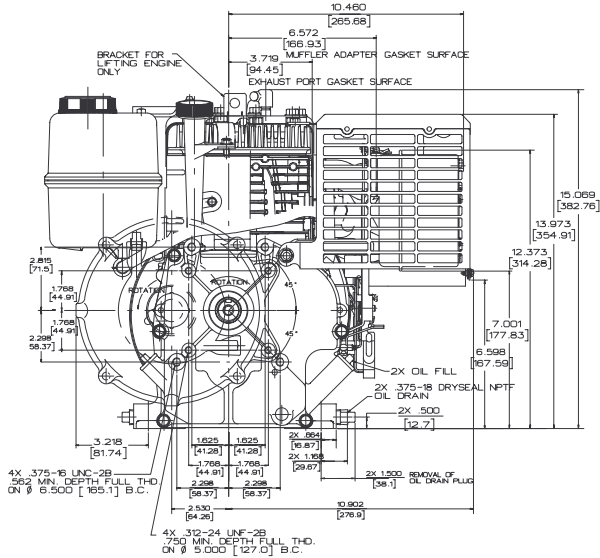
**Short Block Notes:**

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:

**19E400 to 19E499**

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
0069	19E412	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
0073	19E412	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
0074	19E417	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
0075	19E417	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
0107	19E412	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
0108	19E416	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
0120	19E417	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
0130	19E412	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
0131	19E412	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
0132	19E412	495884	No Replacement	Repair With Individual Parts.					15		All	3700	497542	
0133	19E412	495788	No Replacement	Repair With Individual Parts.					15		All	3750		
0134	19E412	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
0135	19E417	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
0136	19E412	497590	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
0163	19E412	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
0164	19E417	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
0165	19E412	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
0166	19E417	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
0631	19E412	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
1069	19E412	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
1075	19E417	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
1131	19E412	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
1134	19E412	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
1135	19E417	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
1164	19E417	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
1165	19E412	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
1167	19E412	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
1168	19E412	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
1169	19E417	495790	No Replacement	Repair With Individual Parts.					15		All	3750	497538	
1170	19E412	495790	No Replacement	Repair With Individual Parts.					15		All	3150	497538	

MODEL 19E400



MODEL 200000

