

111400 to 111499

SERVICE ENGINE  **SALES MANUAL**

**MODEL 111400 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 17:** Gear Red. @ 3 o'clock.
- NOTE 22:** If the gear reduction parts are suitable for additional service, use model 121412 type no. 0014 and transfer the reduction parts from the original engine.
- NOTE 81:** Transfer Governor Spring to replacement engine.
- NOTE 88:** Transfer Muffler and/or Spark Arrester Assembly from the original engine if suitable for additional service or add new parts as required
- NOTE 90:** Transfer Oil Sensor to the replacement engine.
- NOTE 101:** Transfer the Extended Oil Fill Tube and Dipstick Assembly to the replacement engine.
- NOTE 115:** Gear Red. @ 9 o'clock.

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:

111400 to 111499

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
0035	111432	693796	121332	0035					15		All	3750	699580	
0036	111432	693802	127332	0036					15		All	3600	699579	
0038	111432	696227	121332	0033					15		All	3750		
0049	111452	693803	121352	0049					15		All	3600	699583	
0109	111452	693803	121352	0049					15		All	3600	699583	
									17					
									22					
									101					
0110	111432	693802	121332	0036					15		All	3600	699579	
									101					
0111	111432	696225	127332	0036	1	693403	1	695764	15		All	4250		
									90					
									101					
0112	111412	693797	121312	0023					15		All	3600	699582	
0114	111412	693797	121312	0023					15		All	3600	699582	
0115	111432	693796	121332	0035					15		All	3600	699580	
									90					
0116	111432	693796	121332	0035					15		All	3600	699580	
0117	111432	693796	121332	0035					15		All	4000	699580	
									90					
									101					
0118	111492	693797	121392	0070					15		All	3800	699586	
0119	111432	693802	127332	0036					15		All	3600	699579	
0120	111432	693802	127332	0036					15		All	3600	699579	

111400 to 111499

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
0122	111432	693139	121332	0033					15		All	3600		
0123	111432	693802	127332	0036					15		All	3600	699579	
0124	111432	693802	127332	0036					15		All	3600	699579	
0125	111432	693802	127332	0036					15		All	3800	699579	
0126	111432	693802	127332	0036					15		All	3600	699579	
0127	111432	693802	121332	0036					15		All	3600	699579	
									101					
0128	111432	693802	121332	0036					15		All	3600	699579	
0129	111432	696227	121332	0033					15		All	3750		
									90					
0130	111452	693803	121352	0049	1	693204	1	696261	15		All	3600		
									22					
									115					
0131	111432	694463	127332	0036	1	693403	1	695763	15		All	3600		
0132	111432	693802	127332	0036					15		All	3600	699579	
0133	111437	693802	123337	0050					15		All	3600	699584	
0134	111452		121352	0049					15		All	3600	699583	
									22					
0135	111432	693802	127332	0036					15		All	3600	699579	
0136	111437	693802	121337	0050					15		All	3600	699584	
0137	111432	693802	127332	0036					15		All	3600	699579	
0138	111432		121332	0033					15		All	3150		
									81					
									88					
									90					
0139	111412		121312	0060					15		All	3600	699585	
0140	111432	693802	127332	0036					15		All	3600	699579	
0141	111432	693796	121332	0035					15		All	4250	699580	
0142	111437	693802	121337	0050					15		All	3600	699584	
									101					
0143	111432	693802	121332	0036					15		All	3600	699579	
									90					
0144	111432	696227	121332	0033					15		All	3750		
									90					
0145	111437	693802	121337	0050					15		All	3600	699584	
									101					
0146	111432	693802	121332	0036					15		All	3600	699579	
									101					
0147	111412	693797	121312	0023					15		All	3600	699582	
									101					
0148	111432	696227	121332	0033					15		All	3150		
									81					
0149	111432	693802	121332	0036					15		All	3600	699579	
									90					
0150	111452	693803	121352	0049					15		All	3600	699583	
									22					
0151	111432	693796	121332	0035					15		All	3600	699580	
									90					
0152	111452	693803	121352	0049					15		All	3600	699583	
									22					
0153	111432	693802	127332	0036					15		All	3600	699579	
0154	111432	694463	127332	0036	1	693403	1	695763	15		All	3600		
									101					