

**127400 to 127499**

**SERVICE ENGINE**



**SALES MANUAL**

**MODEL 127400 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 48:** Remove Fuel Tank Assembly from replacement 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:

**127400 to 127499**

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	127432	693594	121332	0035					15		All	3800	699580	
0036	127432	693403	127332	0036					15		All	3600	699579	
0049	127452	694439	121352	0049					15		All	3600	699583	
									22					
0109	127452	694439	121352	0049					15		All	3600	699583	
									17					
									22					
									101					
0110	127432	693403	121332	0036					15		All	3600	699579	
									101					
0111	127432	695764	127332	0036	1	693403	1	695764	15	0111	All	3600		
									90					
									101					
0115	127432	693594	121332	0035					15		All	3600	699580	
									90					
0119	127432	693403	127332	0036					15		All	3600	699579	
0120	127432	693403	127332	0036					15		All	3600	699579	
0122	127432	693596	121432	0033	1	699442	1	693596	15		All	3600		
0123	127432	693403	127332	0036					15		All	3600	699579	
0124	127432	693403	127332	0036					15		All	3600	699579	
0125	127432	693403	127332	0036					15		All	3600	699579	
0126	127432	693403	127332	0036					15		All	3600	699579	
0129	127432	694450	121332	0033					15		All	3750		
									90					

127400 to 127499

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
0130	127452	694439	121352	0049					15 22 115		All	3600		
0131	127432	695763	127332	0036	1	693403	1	695763	15	0131	All	3600		
0134	127452	694439	121352	0049					15 22		All	3600	699583	
0135	127432	693403	127332	0036					15		All	3600	699579	
0136	127437	693403	121337	0050					15		All	3600	699584	
0138	127432	694450	121332	0033					15 81 88 90		All	3150		
0141	127432	693594	121332	0035					15		All	4250	699580	
0143	127432	693403	121332	0036					15 90		All	3600	699579	
0146	127432	693403	121332	0036					15 101		All	3600	699579	
0147	127412	693887	121312	0023					15 101		All	3600	699582	
0148	127432	694450	121332	0033					15 81		All	3150		
0149	127432	693403	121332	0036					15 90		All	3600	699579	
0150	127452	694439	121352	0049					15 22		All	3600	699583	
0151	127432	693594	121332	0035					15 90		All	3600	699580	
0152	127452	694439	121352	0049					15 22		All	3600	699583	
0153	127432	693403	127332	0036					15		All	3600	699579	
0154	127432	695763	127332	0036	1	693403	1	695763	15		All	3600		
0155	127432	693403	127332	0036					15		All	3600	699579	
0156	127432	693403	127332	0036					15		All	3600	699579	
0157	127432	693403	123332	0036					15		All	3600	699579	
0158	127432	693403	127332	0036					15 48 90		All	3600	699579	
0160	127432	693403	127332	0036					15 88 90		All	3600	699579	
0161	127432	693594	121332	0035					15 81 88 90		All	3600	699580	
0162	127432	693403	127332	0036					15 90		All	3600	699579	
0164	127432	693403	127332	0036					15 88 101		All	3600	699579	