

**123400 to 123499**

**SERVICE ENGINE**



**SALES MANUAL**

**MODEL 123400 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 68:** Transfer Flywheel and Alternator Assembly from original to 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 104:** Transfer the Gear Reduction parts 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:

**123400 to 123499**

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	123432	693594	123332	0035					15		All	4000	699580	
0036	123432	693403	123332	0036					15		All	3600	699579	
0038	123432	694450	123332	0036	1	693403	1	694450	15		All	3750		
									81					
0049	123452	694439	123352	0049					15		All	3600	699583	
0050	123437	693403	123337	0050					15		All	3600	699579	
0114	123432	693403	123332	0036					15		All	3600	699579	
0115	123432	693403	123332	0036					15		All	3600	699579	
0117	123432	693403	123332	0036					15		All	3600	699579	
0118	123432	695763	123332	0036	1	693403	1	695763	15		All	3800		
0119	123437	693403	123337	0050					15		All	3600	699584	
0120	123452	694439	123352	0049	1	693204	1	696261	15		All	3600	699583	
									115					
0121	123437	693403	123337	0050					15		All	3600	699584	
0131	123432	693403	123332	0036					15		All	3600	699579	
0132	123432	693594	123332	0035					15		All	3600	699580	
0134	123432	693403	123332	0036					15		All	3600	699579	
									88					
0135	123432	693403	123332	0036					15		All	3600	699579	
0136	123432	693403	123332	0036					15		All	3600	699579	
0137	123437	693403	123337	0050					15		All	3600	699584	
0138	123437	693403	123337	0050					15		All	3600	699584	
0139	123432	693594	123332	0035					15		All	4250	699580	
0140	123432	694450	123332	0036	1	693403	1	694450	15		All	3150		
0141	123432	693403	123332	0036					15		All	3600	699579	

123400 to 123499

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
0142	123452	694439	123352	0049					15		All	3600	699583	
0143	123432	694450	123332	0036	1	693403	1	694450	15		All	3150		
									81					
0144	123432	693403	123332	0036					15		All	3600	699579	
0145	123432	693403	123332	0036					15		All	3600	699579	
0146	123432	693403	123332	0036					15		All	3600	699579	
0147	123432	694450	123332	0036	1	693403	1	694450	15		All	3150		
									81					
0148	123432	693594	123332	0035					15		All	3600	699580	
0150	123457	694439	123337	0050	1	693403	1	693204	15		All	3600		
					1	693605	1	694439	17					
									104					
0166	123492	693887	123332	0036	1	693204	1	693887	15		All	3800	699586	
					1	693403	1	694831						
					1	693404	1	694833						
0167	123437	693403	123337	0050					15		All	3600	688584	
0168	123435	693403	123337	0050					15		All	3600	699584	
0169	123432	695763	123332	0036	1	693403	1	695763	15		All	3800		
0170	123437	693403	123337	0050					15		All	2800	699584	
									81					
0171	123437	693403	123337	0050					15		All	3600	699484	
0176	123437	693403	123337	0050					15		All	3800	699584	
0177	123436	693403	123337	0050					15		All	3600	699584	
									68					
0178	123437	693403	123337	0050					15		All	3600	699584	
									88					
0267	123432	693595	123332	0267					15		All	3600		