

140300 to 140399

SERVICE ENGINE



SALES MANUAL

**MODEL 140300 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 1:** Cut off PTO shaft so it is 1-3/4" long from shoulder to outer end.
- NOTE 15:** For all Go-Karts use only a Model 136200 series engine as a replacement, regardless of the original Model.
- NOTE 16:** Gear Red. @ 12 o'clock.
- NOTE 17:** Gear Red. @ 3 o'clock.
- NOTE 21:** If the Gear Reduction parts are suitable for additional service, use Model 196412 Type No. 1024.
- NOTE 113:** Gear Red. @ 6 o'clock.
- NOTE 116:** If necessary, to make the original engine crankshaft center line the same add 695154 spacer kit.

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:

140300 to 140399

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
0015	140302	260607	202432	0036					15 116		All	4000		
0035	140332	260425	201432	0036					15 116		All	4000		
0049	140352	260389	202452	0049					15 116		All	4000		
0110	140301	260607	202432	0036					15 116		All	3600		
0111	140302	260607	202432	0036					15 116		All	3600		
0112	140304	260607	202437	0041					15 116		All	3600		
0115	140331	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0116	140332	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0120	140351	260389	202452	0049					15 116		All	3600		
0121	140352	260389	202452	0049					15 116		All	3600		
0125	140401	260472	No Replacement Repair With Individual Parts.						15		All	3600		
0126	140402	260472	No Replacement Repair With Individual Parts.						15		All	3600		
0127	140431	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0128	140432	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0129	140432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0131	140332	260425	201432	0036					15 116		All	3600		

140300 to 140399

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
0132	140351	260389	202452	0049					15 17 116		All	3200		
0133	140432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0134	140331	260425	No Replacement Repair With Individual Parts.						15					
0135	140332	260425	No Replacement Repair With Individual Parts.						15		All	3600		
0136	140302	260607	202432	0036					15 116		All	4000		
0137	140332	260425	201432	0036					15 116		All	3600		
0138	140332	260425	201432	0036					15 116		All	3600		
0139	140332	260425	201432	0036					15 116		All	4000		
0140	140352	260389	202452	0049					15 116		All	3000		
0141	140332	260425	201432	0036					15 116		All	3600		
0142	140331	260425	201432	0036					15 116		All	3600		
0143	140302	260607	202432	0036					15 116		All	3600		
0144	140352	260389	202452	0049					1 15 17 116		All	3300		
0145	140432	260425	201432	0036					15 116		All	3600		
0146	140351	260389	202452	0049					15 113 116		All	3450		
0147	140302	260607	202432	0036					15 116		All	3600		
0148	140302	260607	No Replacement Repair With Individual Parts.						15		All	3600		
0149	140332	260425	201432	0036					15 116		All	4000		
0150	140352	260389	202452	0049					15 16 116		All	3600		
0151	140432	260425	201432	0036					15 116		All	4000		
0152	140334	260245	No Replacement Repair With Individual Parts.						15		All	3600		
0153	140352	260389	No Replacement Repair With Individual Parts.						15		All	3300		
0154	140330	260245	No Replacement Repair With Individual Parts.						15		All	3600		
0155	140331	260425	201432	0036					15 116		All	3200		
0156	140302	260607	202432	0036					15 116		All	3600		
0157	140451	260389	202452	0049					15 116		All	4000		
0158	140402	260472	No Replacement Repair With Individual Parts.						15		All	3600		
0159	140402	260472	No Replacement Repair With Individual Parts.						15		All	3600		
0160	140303	260607	No Replacement Repair With Individual Parts.						15		All	3600		
0161	140332	260425	201432	0036					15 116		All	4000		
0162	140401	260729	No Replacement Repair With Individual Parts.						15		All	2900		
0163	140451	260389	202452	0049					15 116		All	3600		

140300 to 140399

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
0164	140331	260865	201432	0036					15 116					
0165	140302	260607	202432	0036					15 116					
0166	140332	260423	No Replacement Repair With Individual Parts.						15		All	3900		
0167	140432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0168	140332	260425	201432	0036					15 116		All	4000		
0169	140332	260425	201432	0036					15 116		All	4000		
0170	140351	260389	202452	0049					15 116		All	2900		
0171	140332	260425	201432	0036					15 116		All	4000		
0172	140301	260607	202432	0036					15 116		All	4000		
0173	140332	260423	No Replacement Repair With Individual Parts.						15		All	3600		
0174	140351	260389	202452	0049					15 17 116		All	3600		
500010	140301	260607	202432	0036					15 116					
500011	140302	160607	202432	0036					15 116					
500012	140304	260607	202437	0041					15 116					
500013	140305	260607	No Replacement Repair With Individual Parts.						15					
500014	140307	260607	No Replacement Repair With Individual Parts.						15					
500015	140331	260358	No Replacement Repair With Individual Parts.						15					
500016	140332	260358	No Replacement Repair With Individual Parts.						15					
500017	140334	260358	No Replacement Repair With Individual Parts.						15					
500019	140337	260358	No Replacement Repair With Individual Parts.						15					
500020	140351	260389	202452	0049					15 116					
500021	140352	260389	202452	0049					15 116					
500022	140354	260389	No Replacement Repair With Individual Parts.						15					
500024	140357	260389	No Replacement Repair With Individual Parts.						15					
500026	140432	260358	No Replacement Repair With Individual Parts.						15					
500027	140351	260389	202452	0049					15 113 116		All	3450		
500028	140351	260389	202452	0049					15 17 116		All	3200		
500029	140432	260359	No Replacement Repair With Individual Parts.						15					
500030	140332	260425	201432	0036					15 116					
500031	140302	260607	202432	0036					15 116		All	4000		
500032	140332	260425	201432	0036					15 116		All	3600		
500033	140352	260389	202452	0049					15 116		All	3600		
500034	140432	260359	No Replacement Repair With Individual Parts.						15					
500035	140402	260472	No Replacement Repair With Individual Parts.						15					
500036	140352	260389	202452	0049					15 116		All	3000		

140300 to 140399

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
500037	140332	260423	No Replacement Repair With Individual Parts.						15					
500038	140332	260452	201432	0036					15 116					
500039	140432	260359	No Replacement Repair With Individual Parts.						15					
500040	140431	260358	No Replacement Repair With Individual Parts.						15					
500041	140332	260425	201432	0036					15 116	All	4000			
500042	140302	260607	202432	0036					15 116	All	4000			
500043	140352	260389	202452	0049					1 15 17 116	All	3300			
500044	140432	260359	No Replacement Repair With Individual Parts.						15					
500045	140332	260425	201432	0036					15 116					
500046	140331	260425	201432	0036					15 116					
500047	140332	260425	201432	0036					15 116					
500048	140432	260425	201432	0036					15 116					
500049	140401	260472	No Replacement Repair With Individual Parts.						15					
500050	140302	260607	202432	0036					15 116					