

61100 to 61199

SERVICE ENGINE  **SALES MANUAL**

**MODEL 61100 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 2:** Cut off the PTO extension so it is 1-11/16" from the shoulder to the end of the shaft.
- 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 34:** If the replacement engine supersedes to or is a Model 90000 series engine, refer to the illustrations located after the conversion data for this model series. The overall dimensions which differ, are shown in the illustrations. If after making a visual inspection and it is determined the Model 93400 series engine cannot be used because of equipment interference, the original engine should be repaired with a short block and/or individual parts.

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:

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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
0110	61101	260272	93302	0017					15 34		All	3300		
0111	61102	260271	93302	0017					15 34		All	3300		
0115	61111	262072	93312	0002					15 34		All	3300		
0116	61112	260271	93312	0002					15 34		All	3300		
0120	61131	260036	93332	0036					15 34		All	3000		
0121	61132	260103	93332	0036					15 34		All	3300		
0125	61151	260043	93352	0049					15 34		All	3300		
0126	61152	260100	93352	0049					15 34		All	3300		
0130	61102	260271	93302	0017					15 34					
0131	61102	260271	93302	0017					15 34					
0132	61102	260271	93302	0017					15 34					
0133	61102	260228	93302	0017					15 34		All	3600		
0134	61102	260271	93302	0017					15 34		All	3650		
0135	61102	260271	93302	0017					15 34		All	3650		

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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
0136	61102	260271	93302	0017					15 34		All	3650		
0137	61102	260271	93302	0017					15 34					
0138	61132	260116	93332	0040					15 34					
0139	61132	260116	93332	0040					15 34					
0140	61131	260493	No Replacement Repair With Individual Parts.						15		All	3300		
0141	61102	260271	93302	0017					15 34					
0142	61132	260116	93332	0040					15 34					
0143	61101	260272	93302	0017					15 34		All	3000		
0144	61131	260037	93332	0040					15 34		All	3300		
0145	61132	260495	No Replacement Repair With Individual Parts.						15		All	3000		
0146	61102	260271	93302	0017					15 34		All	3000		
0147	61102	260271	93302	0017					15 34					
0148	61101	260272	93302	0017					15 34		All	3000		
0149	61102	260271	93302	0017					15 34					
0150	61131	260103	93332	0036					15 34		All	3300		
0151	61101	260272	93302	0017					15 34		All	3300		
0152	61102	260271	93302	0017					15 34					
0153	61102	260271	93302	0017					15 34					
0154	61102	260271	93302	0017					15 34					
940510	61101	260272	93302	0017					15 34					
940511	61102	260271	93302	0017					15 34					
940512	61103	260272	93302	0017					15 34					
940513	61111	260272	93312	0002					15 34					
940514	61112	260271	93312	0002					15 34					
940515	61131	260036	93332	0036					15 34					
940516	61132	260103	93332	0036					15 34					
940517	61151	260043	93352	0049					15 34					
940518	61152	260100	93352	0049					15 34					
940520	61102	260271	93302	0017					15 34					

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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	
940521	61102	260248	93302	0017					2 15 34						
940522	61101	260272	93302	0017					15 34						
940523	61102	260271	93302	0017					15 34						
940524	61102	260271	93302	0017					15 34						
940525	61102	260272	93302	0017					15 34						
940526	61101	260272	93302	0017					15 34						
940527	61102	260271	93302	0017					15 34						
940528	61102	260271	93302	0017					15 34						
940529	61102	260271	93302	0017					15 34						
940530	61102	260271	93302	0017					15 34						
940531	61102	260271	93302	0017					15 34						
940532	61101	260272	93302	0017					15 34						
940533	61101	260272	93302	0017					15 34						
940534	61101	260272	93302	0017					15 34						
940535	61101	260272	93302	0017					15 34						
940536	61102	260271	93302	0017					15 34						
940537	61101	260271	93302	0017					15 34						
940538	61102	260271	93302	0017					15 34	All	2650				
940539	61102	260271	93302	0017					15 34						
940540	61102	260271	93302	0017					15 34						
940541	61102	260272	93302	0017					15 34						
940542	61102	260271	93302	0017					15 34						
940543	61112	260271	93302	0017					15 34						
940544	61132	260495	No Replacement Repair With Individual Parts.							15					
940545	61101	260272	93302	0017					15 34						
940546	61102	260271	93302	0017					15 34						
940547	61101	260272	93302	0017					15 34						
940548	61102	260271	93302	0017					15 34						
940549	61102	260271	93302	0017					15 34						

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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
940550	61102	260271	93302	0017					15 34					
940551	61102	260271	93302	0017					15 34					
940552	61102	260271	93302	0017					15 34					
940553	61102	260271	93302	0017					15 34					
940554	61101	260272	93302	0017					15 34					
940555	61102	260271	93302	0017					15 34					
940556	61102	260271	93302	0017					15 34					
940557	61102	260271	93302	0017					15 34					
940558	61102	260271	93302	0017					15 34	All	3600			
940559	61103	260272	93302	0017					15 34					
940560	61131	260037	93332	0040					15 34					
940561	61102	260271	93302	0017					15 34					
940562	61102	260271	93302	0017					15 34					
940563	61102	260271	93302	0017					15 34					
940564	61102	260271	93302	0017					15 34					
940565	61102	260271	93302	0017					15 34					
940566	61112	260271	93312	0002					15 34					
940567	61102	260271	93302	0017					15 34					
940568	61102	260271	93302	0017					15 34					
940569	61102	260271	93302	0017					15 34	All	3600			
940570	61102	260271	93302	0017					15 34	All	2700			
940571	61102	260271	93302	0017					15 34					
940572	61102	260271	93302	0017					15 34					
940573	61102	260271	93302	0017					15 34					
940574	61102	260271	93302	0017					15 34					
940575	61152	260100	93352	0049					15 16 34					
940576	61101	260272	93302	0017					15 34					
940577	61102	260271	93302	0017					15 34					
940578	61102	260271	93302	0017					15 34					

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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
940579	61102	260271	93302	0017					15 34					
940580	61101	260272	93302	0017					15 34					
940581	61101	260272	93302	0017					15 34					
940582	61102	260271	93302	0017					15 34					
940583	61102	260271	93302	0017					15 34					
940584	61102	260271	93302	0017					15 34					
940585	61101	260272	93302	0017					15 34					
940586	61101	260272	93302	0017					15 34					
940587	61102	260271	93302	0017					15 34					
940588	61102	260248	93302	0017					2 15 34					
940589	61102	260248	93302	0017					2 15 34					
940590	61102	260271	93302	0017					15 34					
940591	61102	260271	93302	0017					15 34					
940592	61102	260271	93302	0017					15 34					
940593	61101	260247	93302	0017					2 15 34					
940594	61101	260272	93302	0017					15 34					
940595	61102	260271	93302	0017					15 34					
940596	61102	260271	93302	0017					15 34					
940597	61102	260271	93302	0017					15 34					
940598	61101	260272	93302	0017					15 34	All	2700			
940599	61102	260271	93302	0017					15 34					
940600	61102	260271	93302	0017					15 34					
940601	61102	260271	93302	0017					15 34					
940602	61102	260271	93302	0017					15 34	All	3600			
940603	61101	260272	93302	0017					15 34					
940604	61102	260271	93302	0017					15 34					
940605	61101	260272	93302	0017					15 34					
940606	61101	260272	93302	0017					15 34					

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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
940607	61102	260271	93302	0017					15 34					
940608	61102	260271	93302	0017					15 34					
940609	61102	260271	93302	0017					15 34					
940610	61102	260271	93302	0017					15 34					
940611	61102	260271	93302	0017					15 34					
940612	61102	260271	93302	0017					15 34					
940613	61102	260271	93302	0017					15 34					
940614	61102	260271	93302	0017					15 34					
940615	61102	260271	93302	0017					15 34					
940617	61102	260271	93302	0017					15 34					
940618	61102	260271	93302	0017					15 34					
940619	61102	260271	93302	0017					15 34	All	3650			
940620	61102	260271	93302	0017					15 34	All	2900			
940621	61102	260271	93302	0017					15 34					
940622	61102	260271	93302	0017					15 34					
940623	61102	260271	93302	0017					15 34					
940624	61101	260272	93302	0017					15 34					
940625	61102	260271	93302	0017					15 34					
940626	61101	260272	93302	0017					15 34					
940627	61131	260493	No Replacement Repair With Individual Parts.						15	All	3300			
940628	61101	260272	93302	0017					15 34					
940629	61101	260272	93302	0017					15 34					
940630	61106	260271	93302	0017					15 34					
940631	61102	260271	93302	0017					15 34					
940632	61102	260248	93302	0017					2 15 34					
940633	61101	260272	93302	0017					15 34					
940634	61102	260271	93302	0017					15 34					
940635	61102	260271	93302	0017					15 34					
940636	61102	260271	93302	0017					15 34					

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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
940637	61106	260271	93302	0017					15 34					
940638	61102	260271	93302	0017					15 34	All		3650		
940639	61106	260248	93302	0017					2 15 34					
940640	61102	260271	93302	0017					15 34	All		3600		
940641	61132	260103	93332	0036					15 34					
940642	61106	260271	93302	0017					15 34					
940643	61131	260493	No Replacement Repair With Individual Parts.						15	All		3300		
940644	61132	260494	No Replacement Repair With Individual Parts.						15					
940645	61102	260271	93302	0017					15 34	All		3600		
940646	61102	260271	93302	0017					15 34	All		2900		
940648	61102	260271	93302	0017					15 34					
940649	61131	260037	93332	0035					15 34	All		3300		
940650	61102	260271	93302	0017					15 34	All		4000		
940651	61132	260116	93332	0040					15 34					
940652	61132	260116	93332	0040					15 34					
940653	61106	260271	93302	0017					15 34					
940654	61101	260272	93302	0017					15 34					
940655	61102	260271	93302	0017					15 34					
940656	61131	260039	No Replacement Repair With Individual Parts.						15					
940657	61102	260271	93302	0017					15 34					
940658	61106	260271	93302	0017					15 34					
940659	61102	260271	93302	0017					15 34					
940660	61152	260100	93352	0049					15 16 34					
940661	61102	260271	93302	0017					15 34					
940662	61152	260100	93352	0049					15 34					
940663	61106	260271	93302	0017					15 34					
940664	61132	260116	93332	0040					15 34					
940665	61106	260271	93302	0017					15 34					
940666	61106	260271	93302	0017					15 34					

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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
940667	61102	260271	93302	0017					15 34					
940668	61102	260271	93302	0017					15 34					
940669	61106	260228	93302	0017					15 34	All	3600			
940670	61101	260272	93302	0017					15 34					
940671	61102	260271	93302	0017					15 34	All	3300			
940672	61102	260271	93302	0017					15 34					
940673	61102	260271	93302	0017					15 34					
940675	61102	260271	93302	0017					15 34					
940676	61102	260271	93302	0017					15 34					
940677	61102	260271	93302	0017					15 34					
940678	61102	260271	93302	0017					15 34					
940679	61152	260100	93352	0049					15 16 34					
940680	61102	260271	93302	0017					15 34					
940681	61106	260271	93302	0017					15 34					
940682	61101	260272	93302	0017					15 34					
940683	61102	260271	93302	0017					15 34					
940684	61106	260271	93302	0017					15 34					
940685	61102	260271	93302	0017					15 34					
940686	61101	260272	93302	0017					15 34					
940687	61101	260272	93302	0017					15 34	All	3000			
940688	61131	260493	No Replacement Repair With Individual Parts.						15					
940689	61102	260271	93302	0017					15 34	All	4000			
940690	61106	260271	93302	0017					15 34					
940691	61131	260271	No Replacement Repair With Individual Parts.						15	All	3300			
940692	61102	260271	93302	0017					15 34	All	3300			
940693	61102	260271	93332	0035					15 34					
940694	61106	260271	No Replacement Repair With Individual Parts.						15					
940695	61112	260271	93312	0022					15 34	All	3300			
940696	61102	260271	93302	0017					15 34					
940698	61132	260494	No Replacement Repair With Individual Parts.						15					

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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
940699	61102	260271	93302	0017					15 34		All	3000		
940700	61132	260116	93332	0040					15 34					
940701	61132	260116	93332	0040					15 34					
940702	61101	260272	93302	0017					15 34		All	3000		
940703	61102	260271	93302	0017					15 34		All	3000		
940704	61101	260272	93302	0017					15 34		All	3000		
940705	61132	260116	93332	0040					15 34					
940706	61131	260036	93332	0036					15 34					
940707	61102	260271	93302	0017					15 34		All	3500		
940708	61102	260271	93302	0017					15 34		All	3650		

MODEL 61100

MODEL 90000

