

141300 to 141499

SERVICE ENGINE  **SALES MANUAL**

**MODEL 141300 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:

141300 to 141499

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	141301	260607	202432	0036					15 116		All	3600		
0111	141302	260607	202432	0036					15 116		All	3600		
0112	141304	260607	202437	0041					15 116		All	3600		
0115	141331	260358	No Replacement Repair With Individual Parts.								All	3600		
0116	141332	260358	No Replacement Repair With Individual Parts.								All	3600		
0120	141351	260389	202452	0049					15 116		All	3600		
0121	141352	260389	202452	0049					15 116		All	3600		
0124	141357	260389	No Replacement Repair With Individual Parts.						15		All	3600		
0125	141401	260472	No Replacement Repair With Individual Parts.						15		All	3600		
0126	141402	260472	No Replacement Repair With Individual Parts.						15		All	3600		
0127	141431	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0128	141432	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0129	141302	260607	202432	0006					15 116					
0130	141307	260607	No Replacement Repair With Individual Parts.						15		All	4000		
0131	141307	260607	No Replacement Repair With Individual Parts.						15		All	4000		
0132	141404	260425	No Replacement Repair With Individual Parts.						15		All	3300		
0133	141405	260472	No Replacement Repair With Individual Parts.						15		All	3600		
0134	141331	260425	No Replacement Repair With Individual Parts.						15		All	4000		
0135	141334	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0136	141335	260425	No Replacement Repair With Individual Parts.						15		All	3600		

141300 to 141499

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
0137	141435	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0138	141451	260389	202452	0049					15 116		All	3600		
0139	141302	260607	202432	0036					15 116		All	3000		
0140	141332	260425	201432	0036					15 116		All	4000		
0141	141351	260389	No Replacement Repair With Individual Parts.						15		All	3000		
0142	141401	260667	No Replacement Repair With Individual Parts.						15		All	3600		
0143	141401	260425	No Replacement Repair With Individual Parts.						15		All	3600		
0144	141302	260607	202432	0036					15 116		All	2300		
0145	141432	260359	No Replacement Repair With Individual Parts.						15		All	1860		
0146	141431	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0147	141351	260389	202452	0049					15 116		All	3600		
0148	141331	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0149	141432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0150	141331	260425	201432	0036					15 116		All	3600		
0151	141332	260425	No Replacement Repair With Individual Parts.						15		All	3600		
0152	141432	260359	No Replacement Repair With Individual Parts.						15		All	3300		
0153	141351	260389	202452	0049					15 17 116		All	2800		
0154	141432	260729	No Replacement Repair With Individual Parts.						15		All	3600		
0155	141302	260607	202432	0036					15 116		All	4000		
0156	141302	260607	202432	0036					15 116		All	2200		
0157	141302	260607	202432	0036					15 116		All	4000		
0158	141332	260425	No Replacement Repair With Individual Parts.						15					
0159	141332	260423	No Replacement Repair With Individual Parts.						15		All	3600		
0160	141302	260607	202432	0036					15 116		All	3600		
0161	141331	260425	No Replacement Repair With Individual Parts.						15					
0162	141432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0163	141352	260389	202452	0049					15 116		All	3600		
0164	141302	260607	202432	0036					15 116		All	3600		
0165	141301	260607	202432	0036					15 116		All	4000		
0166	141302	260607	No Replacement Repair With Individual Parts.						15		All	3000		
0167	141351	260389	202452	0049					15 17 116		All	3600		
0168	141302	260607	202432	0036					15 116		All	2450		
0169	141332	260425	201432	0036					15 116		All	3600		
0170	141304	260607	No Replacement Repair With Individual Parts.						15		All	3600		
0171	141331	260425	201432	0036					15 116		All	3600		
0173	141352	260389	202452	0049					15 17 116		All	2800		

141300 to 141499

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
0174	141352	260389	No Replacement Repair With Individual Parts.					15		All	3000			
0175	141402	260425	No Replacement Repair With Individual Parts.					15		All	2600			
0177	141301	260607	202432	0036					15		All	4000		
									116					
0178	141332	260425	201432	0036					15		All	4000		
									116					
0179	141432	260359	No Replacement Repair With Individual Parts.					15		All	3600			
0180	141302	260663	No Replacement Repair With Individual Parts.					15		All	3000			
0181	141351	260389	202452	0049					15		All	3600		
									116					
0182	141301	260607	202432	0036					15		All	3600		
									116					
500510	141301	260607	202432	0036					15					
									116					
500511	141302	260607	202432	0036					15					
									116					
500513	141304	260607	202437	0036					15					
									116					
500514	141305	260607	No Replacement Repair With Individual Parts.					15						
500516	141302	260607	202432	0036					15					
									116					
500520	141302	260607	202432	0036					15		All	4000		
									116					
500521	141302	260607	202432	0036					15					
									116					
500522	141302	260607	202432	0036					15					
									116					
500523	141302	260607	202432	0036					15					
									116					
500524	141302	260607	202432	0036					15					
									116					
500525	141332	260358	No Replacement Repair With Individual Parts.					15						
500526	141432	260358	No Replacement Repair With Individual Parts.					15						
500527	141352	260389	202452	0049					15					
									116					
500528	141302	260607	202432	0036					15		All	4000		
									116					
500529	141302	260607	202432	0036					15		All	4000		
									116					
500530	141302	260607	202432	0036					15					
									116					
500531	141402	260425	No Replacement Repair With Individual Parts.					15						
500532	141302	260607	202432	0036					15		All	1900		
									116					
500533	141332	260425	201432	0036					15					
									116					
500534	141302	260607	202432	0036					15		All	4000		
									116					
500535	141352	260389	202452	0049					15		All	2800		
									17					
									116					
500536	141302	260607	202432	0036					15		All	3600		
									116					
500537	141332	260425	201432	0036					15		All	3600		
									116					
500538	141352	260389	202452	0049					15		All	3600		
									17					
									116					

141300 to 141499

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
500539	141432	260359	No Replacement Repair With Individual Parts.					15		All	3600			
500540	141332	260425	201432	0036					15 116					
500541	141352	260389	202452	0049					15 17 116					
500542	141352	260389	202452	0049					15 116	All	2900			
500543	141332	260358	No Replacement Repair With Individual Parts.					15						
500544	141432	260359	No Replacement Repair With Individual Parts.					15		All	3600			
500545	141302	260607	202432	0036					15 116	All	4000			
500546	141432	260359	No Replacement Repair With Individual Parts.					15		All	3600			
500547	141302	260607	202432	0036					15 116	All	3600			
500548	141352	260389	202452	0049					15 116					
500549	141352	260389	202452	0049					1 15 17 116	All	3600			
500550	141352	260389	202452	0049					15 116	All	4000			
500551	141332	260425	201432	0036					15 116	All	4000			
500552	141352	260389	202452	0049					15 116	All	3600			
500553	141332	260425	201432	0036					15 116	All	3600			
500555	141302	260607	202432	0036					15 116	All	3600			
500556	141302	260607	202432	0036					15 116	All	3600			
500557	141332	260425	No Replacement Repair With Individual Parts.					15						
500558	141305	260607	No Replacement Repair With Individual Parts.					15		All	3600			
500559	141307	260607	No Replacement Repair With Individual Parts.					15		All	4000			
500560	141307	260607	No Replacement Repair With Individual Parts.					15						
500561	141352	260389	202452	0049					15 116	All	4000			
500562	141302	260607	202432	0036					15 116					
500563	141332	260425	201432	0036					15 116	All	4000			
500564	141302	260607	202432	0036					15 116					
500565	141331	260358	No Replacement Repair With Individual Parts.					15						
500566	141431	260358	No Replacement Repair With Individual Parts.					15						
500567	141351	260389	202452	0049					15 116					
500568	141331	260425	201432	0036					15 116	All	4000			
500569	141351	260389	202452	0049					15 17 116					
500570	141302	260607	202432	0036					15 116	All	2400			
500571	141332	260358	No Replacement Repair With Individual Parts.					15						
500572	141331	260358	No Replacement Repair With Individual Parts.					15						

141300 to 141499

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
500573	141332	260423	No Replacement Repair With Individual Parts.						15					
500574	141301	260607	No Replacement Repair With Individual Parts.						15					
500575	141432	260359	No Replacement Repair With Individual Parts.						15		All	3200		
500576	141307	260607	No Replacement Repair With Individual Parts.						15		All	3600		
500577	141351	260389	202452	0049					15		All	4000		
									116					
500578	141357	260389	No Replacement Repair With Individual Parts.						15		All	4000		
500579	141402	260472	No Replacement Repair With Individual Parts.						15		All	4000		
500580	141331	260472	No Replacement Repair With Individual Parts.						15		All	4000		
500581	141357	260389	No Replacement Repair With Individual Parts.						15					
500582	141331	260425	201432	0036					15					
									116					
500583	141351	260389	202452	0049					15					
									116					
500584	141431	260359	No Replacement Repair With Individual Parts.						15		All	3600		
500585	141307	260607	No Replacement Repair With Individual Parts.						15					
500586	141407	260425	No Replacement Repair With Individual Parts.						15					
500587	141332	260423	No Replacement Repair With Individual Parts.						15		All	3600		
500588	141401	260425	No Replacement Repair With Individual Parts.						15		All	3600		
500589	141401	260425	No Replacement Repair With Individual Parts.						15					
500590	141352	260389	202452	0049					15		All	2800		
									17					
									116					
500591	141352	260389	202452	0049					15		All	3000		
									116					
500592	141302	260607	202432	0036					15		All	2300		
									116					
500593	141331	260425	201432	0036					15		All	3200		
									116					
500594	141432	260359	No Replacement Repair With Individual Parts.						15		All	3300		
500595	141432	260359	No Replacement Repair With Individual Parts.						15		All	3200		
500596	141332	260425	No Replacement Repair With Individual Parts.						15					
500597	141331	260425	No Replacement Repair With Individual Parts.						15					
500598	141302	260607	No Replacement Repair With Individual Parts.						15					
500599	141332	260425	201432	0036					15		All	3600		
									116					
500600	141331	260358	No Replacement Repair With Individual Parts.						15					
500601	141302	260607	202432	0036					15		All	4000		
									116					
500602	141332	260423	No Replacement Repair With Individual Parts.						15					
500603	141331	260425	No Replacement Repair With Individual Parts.						15					
500604	141302	260607	202432	0036					15		All	4000		
									116					
500605	141307	260607	No Replacement Repair With Individual Parts.						15		All	3600		
500606	141302	260607	202432	0036					15		All	3600		
									116					
500607	141431	260425	201432	0036					15		All	4000		
									116					
500608	141352	260489	202452	0049					15		All	3000		
									16					
									116					
500609	141302	260607	No Replacement Repair With Individual Parts.						15		All	3000		
500610	141452	260389	202452	0049					15		All	2900		
									116					
500611	141431	260359	No Replacement Repair With Individual Parts.						15		All	2000		
500612	141302	260607	202432	0036					15		All	3000		
									116					

141300 to 141499

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
500613	141432	260359	No Replacement Repair With Individual Parts.					15		All	1860			
500614	141351	260389	No Replacement Repair With Individual Parts.					15						
500615	141302	260607	202432	0036					15					
									116					
500616	141302	260607	202432	0036					15	All	3000			
									116					
500617	141331	260425	201432	0036					15					
									116					
500618	141431	260425	201432	0036					15					
									116					
500619	141432	260425	201432	0036					15					
									116					
500620	141452	260389	202452	0049					15					
									116					
500621	141302	260607	202432	0036					15					
									116					
500622	141431	260425	No Replacement Repair With Individual Parts.					15						
500623	141351	260389	202452	0049					15					
									116					
500624	141352	260389	202452	0049					15	All	3000			
									16					
									116					
500625	141332	260358	No Replacement Repair With Individual Parts.					15		All	3200			
500626	141335	260425	No Replacement Repair With Individual Parts.					15						
500627	141352	260389	202452	0049					15					
									116					
500628	141352	260389	202452	0049					15					
									116					
500629	141332	260425	201432	0036					15	All	4000			
									116					
500630	141351	260389	202452	0049					15					
									116					
500631	141301	260607	202432	0036					15					
									116					
500632	141332	260425	201432	0036					15					
									116					
500633	141431	260973	No Replacement Repair With Individual Parts.					15						
500634	141332	260423	No Replacement Repair With Individual Parts.					15						
500635	141332	260358	No Replacement Repair With Individual Parts.					15						
500636	141402	260472	No Replacement Repair With Individual Parts.					15						
500637	141352	260389	202452	0049					15					
									17					
									116					
500638	141332	260425	201432	0036					15	All	4000			
									116					
500639	141302	260607	202432	0036					15	All	4000			
									116					
500640	141352	260389	202452	0049					15					
									116					
500641	141302	260607	202432	0036					15	All	2300			
									116					
500642	141351	260389	202452	0049					15					
									116					
500643	141302	260607	202432	0036					15	All	4000			
									116					
500644	141351	260389	No Replacement Repair With Individual Parts.					15		All	3000			
500645	141302	260607	202432	0036					15					
									116					

141300 to 141499

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
500646	141432	260359	No Replacement Repair With Individual Parts.					15						
500647	141331	260425	No Replacement Repair With Individual Parts.					15						
500648	141331	260425	No Replacement Repair With Individual Parts.					15		All	4000			
500649	141332	260425	201432	0036					15		All	3000		
									116					
500650	141331	260425	201432	0036					15					
									116					
500651	141351	260389	202452	0049					15					
									116					
500652	141351	260389	202452	0049					15					
									17					
									116					
500653	141431	260359	No Replacement Repair With Individual Parts.					15						
500654	141331	260358	No Replacement Repair With Individual Parts.					15		All	3200			
500655	141331	260425	201432	0036					15		All	4000		
									116					
500656	141332	260358	No Replacement Repair With Individual Parts.					15		All	3700			
500657	141332	260425	No Replacement Repair With Individual Parts.					15						
500658	141335	160425	No Replacement Repair With Individual Parts.					15						
500659	141431	260359	No Replacement Repair With Individual Parts.					15		All	3600			
500660	141301	260607	202432	0036					15					
									116					
500661	141301	260607	202432	0036					15		All	4000		
									116					
500662	141432	260425	201432	0036					15		All	4000		
									116					
500663	141431	260359	No Replacement Repair With Individual Parts.					15		All	3600			
500664	141331	260425	201432	0036					15					
									116					
500665	141334	260358	No Replacement Repair With Individual Parts.					15						
500666	141451	260389	No Replacement Repair With Individual Parts.					15		All	3000			
500667	141432	260359	No Replacement Repair With Individual Parts.					15						
500668	141351	260389	202452	0049					15		All	2800		
									17					
									116					
500669	141331	260425	201432	0036					15					
									116					
500670	141432	260359	No Replacement Repair With Individual Parts.					15		All	3600			
500671	141432	260359	No Replacement Repair With Individual Parts.					15		All	3800			
500672	141431	260359	No Replacement Repair With Individual Parts.					15		All	2900			
500673	141352	260389	202452	0049					15		All	3000		
									116					
500674	141352	260389	No Replacement Repair With Individual Parts.					15		All	3000			
500675	141352	260389	202452	0049					1					
									15					
									17					
									116					
500676	141405	260245	No Replacement Repair With Individual Parts.					15		All	3300			
500677	141301	260607	202432	0036					15		All	2400		
									116					
500678	141431	260359	No Replacement Repair With Individual Parts.					15		All	3000			
500679	141301	260607	202432	0036					15		All	4000		
									116					
500681	141332	260425	No Replacement Repair With Individual Parts.					15						
500682	141405	260472	No Replacement Repair With Individual Parts.					15						
500683	141451	260389	202452	0049					15					
									116					
500684	141352	260389	No Replacement Repair With Individual Parts.					15						

141300 to 141499

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
500685	141302	260607	202432	0036					15 116					
500686	141431	260425	201432	0036					15 116					
500687	141451	260389	202452	0049					15 116					
500688	141432	260729	No Replacement Repair With Individual Parts.						15					
500689	141432	260425	201432	0036					15 116	All	4000			
500690	141435	260359	No Replacement Repair With Individual Parts.						15					
500691	141352	260389	202452	0049					15 116	All	3600			
500692	141435	260358	No Replacement Repair With Individual Parts.						15					
500693	141302	260607	202432	0036					15 116	All	4000			
500694	141332	260245	201432	0036					15 116	All	4000			
500695	141351	260389	202452	0049					1 15 113 116					
500696	141302	260607	202432	0036					15 116	All	3000			
500697	141332	260425	201432	0036					15 116	All	4000			
500698	141331	260865	No Replacement Repair With Individual Parts.						15					
500699	141302	260607	202432	0036					15 116	All	3000			
500700	141352	260389	202452	0049					1 15 17 116					
500701	141401	260667	No Replacement Repair With Individual Parts.						15	All	3600			
500702	141302	260607	202432	0036					15 116	All	3600			
500703	141432	260425	201432	0036					15 116					
500704	141404	260425	No Replacement Repair With Individual Parts.						15	All	3300			
500705	141301	260607	202432	0036					15 116					
500706	141351	260389	202452	0049					1 15 113 116					
500707	141331	260358	No Replacement Repair With Individual Parts.						15					
500708	141332	260358	No Replacement Repair With Individual Parts.						15					
500709	141302	260607	202432	0036					15 116	All	2450			
500710	141402	260425	No Replacement Repair With Individual Parts.						15	All	2600			
500711	141335	260425	No Replacement Repair With Individual Parts.						15					
9128	141332	260358	No Replacement Repair With Individual Parts.						15	All	3600			