

144200 to 144299

SERVICE ENGINE  **SALES MANUAL**

**MODEL 144200 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 16:** Gear Red. @ 12 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 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:

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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
0015	144202	260607	202432	0036					15 116		All	3600		
0110	144202	260607	202432	0036					15 116		All	3600		
0115	144231	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0116	144232	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0120	144251	260389	202452	0049					15 116		All	3600		
0121	144252	260389	202452	0049					15 116		All	3600		
0130	144231	260425	201432	0036					15 116		All	3600		
0131	144202	260833	No Replacement Repair With Individual Parts.						15		All	4000		
0132	144202	260607	202432	0036					15 116		All	3600		
0133	144202	260607	202432	0036					15 116		All	3600		
0134	144232	260425	201432	0036					15 116		All	3600		
0135	144202	260607	202432	0036					15 116		All	3800		
0136	144232	260425	201432	0036					15 116		All	3600		
0137	144202	260607	202432	0036					15 116		All	3300		
0138	144202	260607	202432	0036					15 116		All	3600		
0139	144202	260607	202432	0036					15 116		All	4000		

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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
0140	144231	260423	No Replacement Repair With Individual Parts.						15		All	2700		
0141	144202	260607	202432	0036					15 116		All	3600		
0142	144202	260607	202432	0036					15 116		All	3600		
0143	144232	260423	No Replacement Repair With Individual Parts.						15		All	3900		
0144	144201	260607	202432	0036					15 116		All	3600		
0145	144231	260425	201432	0036					15 116		All	4000		
0146	144251	260389	202452	0049					15 16 116		All	3800		
0147	144202	260607	202432	0036					15 116		All	3000		