

94200 to 94299

SERVICE ENGINE



SALES MANUAL

**MODEL 94200 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 5:** Drill and retap end of crankshaft 5/16"-24 (5/8" deep).
- NOTE 15:** For all Go-Karts use only a Model 136200 series engine as a replacement, regardless of the original Model.

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:

- NOTE A:** Drill and re-tap end of Crankshaft 5/16"-24 (5/8" deep). Use Letter "I" (0.272) tap drill.
- NOTE D:** Cut off Crankshaft so that extension is 1-11/16" from shoulder to end of shaft.
- NOTE R:** Cut off 1-7/16" on Flywheel end of Crankshaft.

94200 to 94299

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
0104	94202	492880	93302	0016					15		All	3300	495914	R
0114	94202	497232	93302	0017					15		All	3600	495915	R D
0115	94202	492880	93302	0016					15		All	3200	495914	R
0117	94202	497232	93302	0017					15		All	3600	495915	R D
0118	94202	492880	93302	0016					15		All	3200	495914	R
0119	94202	691473	93302	0016					5 15		All	3600	495914	R A
0120	94212	691473	93312	0022					5 15		All	3600	495920	R A
0205	94212	691473	93312	0022					5 15		All	3600	495920	R A
0319	94212	493632	93312	0002	1	497232	1	493632	15		All	3500		