

212400 to 212499

SERVICE ENGINE



SALES MANUAL

**MODEL 212400 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 41:** Original engine was equipped for or with a 12 volt or 120 volt Gear Drive Starter and/or with alternator only. Transfer all related parts as required.
- NOTE 42:** Original engine was equipped special Remote Throttle Control or Governor Control. Transfer these parts to replacement engine.
- NOTE 81:** Transfer Governor Spring to replacement engine.
- NOTE 88:** Transfer Muffler and/or Spark Arrester Assembly from the original engine if suitable for additional service or add new parts as required
- NOTE 90:** Transfer Oil Sensor to the replacement engine.
- NOTE 97:** Transfer the Blower Housing , Rewind Assembly and related parts from the original engine to replacement engine.
- NOTE 101:** Transfer the Extended Oil Fill Tube and Dipstick Assembly to the replacement engine.

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
0036	212432	695462	STD.						15		All	3600		
0041	212437	695369	STD.						15		All	3600		
0070	212412	694678	STD.						15		All	3750		
0112	212437	695369	212437	0041					15		All	3600		
									88					
0113	212412	695462	212432	0036					15		All	3600		
									88					
									101					
0115	212415	694678	212412	0070					15		All	3750		
									41					
									88					
0116	212437	695369	212437	0041					15		All	4000		
									81					
									88					
0117	212412	695369	212432	0036	1	695462	1	695369	15		All	3800		
									42					
									90					
									101					
0118	212417	695369	212437	0041					15		All	3800		
									88					
0119	212417	695369	212437	0041					15		All	3800		
									88					

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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
0120	212412	695369	212432	0036	1	695462	1	695369	15 88 90 97 101		All	3800		
0122	212432	695462	212432	0036					15 88 90 101		All	3600		