

**210400 to 210499**

**SERVICE ENGINE**



**SALES MANUAL**

**MODEL 210400 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 24:** Transfer the Manual Friction Control Assembly,
- NOTE 76:** Transfer Flywheel, Blower Housing, Alternator and/or Gear Drive Electric Starter and Panel Assembly 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 97:** Transfer the Blower Housing, Rewind Assembly and related parts from the original engine to replacement engine.
- NOTE 102:** Transfer the Flywheel, Alternator and/or 12V Starter Assembly to the replacement engine.
- NOTE 118:** The original engine was equipped with a weather guard. Transfer all related parts 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
0035	210432	695818	STD.						15		All	3800	698555	
0036	210432	695462	STD.						15		All	3600	698553	
0046	210432	695369	STD.						15		All	3750	699302	
0070	210412	694678	STD.						15		All	3750	698554	
0105	210412	695462	210432	0036					15		All	3600	698553	
									88					
0124	210412	695462	210432	0036					15		All	3600	698553	
0125	210432	695462	210432	0036					15		All	3600	698553	
									88					
									97					
0127	210415	694678	210412	0070					15		All	3750	698554	
									97					
									102					
0132	210417	695369	210432	0046					15		All	3600	699302	
									24					
									76					
									88					
0133	210437	695818	210432	0035					15		All	3800	698555	
									76					
									88					
0134	210417	694678	210412	0070					15		All	3750	698554	
									76					
									88					
0135	210412	694678	210412	0070					15		All	3750	698554	
									97					

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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	210412	694678	210412	0070					15 88 118		All	3750	698554		
0137	210415	694678	210412	0070					15 88 102 118		All	3750	698554		
0138	210415	694678	210412	0070					15 88 102 118		All	3750	698554		
0140	210415	694678	210412	0070					15 97 102		All	3750	698554		
0142	210417	694678	210412	0070					15 97 102		All	3750	698554		
0145	210412	694678	210412	0070					15 88 97 118		All	3750	698554		
0150	210412	694678	210412	0070					15 88 97		All	3750	698554		
0152	210417	695369	No Replacement Repair With Short Block and/or Individual Parts									All	3600	699302	