

386400 to 386499

SERVICE ENGINE



SALES MANUAL

**MODEL 386400 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 67:** Transfer Blower Housing and Rotating Screen Group to replacement engine.
- NOTE 68:** Transfer Flywheel and Alternator Assembly from original to replacement engine.
- NOTE 72:** Transfer Exhaust Ducting and/or Muffler Assembly from original engine to replacement engine.
- NOTE 96:** Transfer the Air Cleaner Assembly and related parts to the replacement engine.
- NOTE 107:** Transfer the Main Governor Spring to the replacement engine.
- NOTE 108:** Transfer the Muffler and/or Spark Arrester Assembly from the original engine if suitable for additional service, or add new parts as required. In some cases it maybe necessary to transfer the Oil Filter Adapter to the replacement engine.
- NOTE 114:** Transfer Regulator and Lead Wires to the replacement engine.
- NOTE 120:** Transfer the Carburetor Float Bowl and Fuel Solenoid 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	
0020	386447	809844	STD.						15		All	3600			
0048	386447	809834	STD.						15		All	3600	695391		
0065	386447	809844	STD.						15		All	3600	695390		
0077	386447	809800	STD.						15		All	3600			
0078	386447	809813	STD.						15		All	3750	695392		
0079	386447	809844	STD.						15		All	3600	695390		
0111	386447	809844	386447	0079					15		All	3600	695390		
									108						
0112	386447	809813	386447	0078					15		All	3150	695392		
									107						
									108						
0113	386447	809844	386447	0065					15		All	3600	695390		
									72						
									114						
0114	386447	809844	386447	0065					15		All	3600	695390		
									114						
0115	386442	809844	No Replacement Repair With Short Block and/or Individual Parts									All	3600	695390	
0119	386447	809834	386447	0079	1	809844	1	809834	15		All	3600	695391		
0120	386447	809834	386447	0048					15		All	3600	695391		
									68						
0121	386447	809834	386447	0048					15		All	4000	695391		
									107						
									108						

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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	
0122	386447	809834	386447	0079	1	809844	1	809834	15 72 96		All	3800	695391		
0125	386447	809844	386447	0171					15		All	3600			
0129	386447	809844	No Replacement Repair With Individual Parts.									All	3600		
0131	386447	809813	386447	0078					15 107 120		All	3750	695392		
0132	386447	809844	No Replacement Repair With Short Block and/or Individual Parts									All	3600	695390	
0134	386447	809834	No Replacement Repair With Short Block and/or Individual Parts									All	3600	695391	
0140	386447	809800	386447	0077					15 67		All	3600			
0171	386447	809844	STD.						15		All	3600			