

**385400 to 385499**

**SERVICE ENGINE**



**SALES MANUAL**

**MODEL 385400 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 90:** Transfer Oil Sensor to the replacement engine.

**NOTE 99:** Transfer the Blower Housing 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.

**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	385447	809844	STD.						15 108		All	3600		
0075	385447	809844	STD.						15 108		All	3600	695390	
0111	385447	809813	No Replacement Repair With Short Block and/or Individual Parts								All	3150	695392	
0112	385447	809844	No Replacement Repair With Short Block and/or Individual Parts								All	3600	695390	
0113	385442	809844	No Replacement Repair With Short Block and/or Individual Parts								All	3600	695390	
0115	385447	809834	No Replacement Repair With Short Block and/or Individual Parts								All	3100	695391	
0121	385447	809813	386447	0078					15 99 108		All	3750	695392	
0123	385447	809813	386447	0078					15		All	3750	695392	
0132	385447	809844	386447	0079					15 90 108		All	3600	695390	
0137	385447	809844	386447	0079					15		All	3600	695390	
0139	385447	809813	No Replacement Repair With Short Block and/or Individual Parts								All	3150	695392	