

203400 to 203499**SERVICE ENGINE****SALES MANUAL****MODEL 203400 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 17: Gear Red. @ 3 o'clock.

NOTE 48: Remove Fuel Tank Assembly from replacement engine.

NOTE 74: Transfer Flywheel Guard, Blower Housing, Alternator and/or Gear Drive Starter, Alternator and Panel Assembly to replacement engine.

NOTE 76: Transfer Flywheel, Blower Housing, Alternator and/or Gear Drive Electric Starter and Panel Assembly 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.

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:

203400 to 203499

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	203432	695818	STD.						15		All	3800	696098	
0036	203432	695462	STD.						15		All	3600	696094	
0041	203437	695462	STD.						15		All	3600	696094	
0049	203452	695817	STD.						15		All	3600	696097	
0110	203437	695462	203437	0041					15		All	3600	696094	
0111	203432	695462	203432	0036					15		All	3600	696094	
0112	203432	694678	205432	0038					15		All	3750	696096	
									48					
									90					
0113	203437	694678	205432	0038					15		All	3750	696096	
									48					
									76					
									90					
0114	203432	694678	205432	0038					15		All	3750	696096	
									48					
									90					
0115	203437	694678	205432	0038					15		All	3750	696096	
									48					
									76					
									90					
0116	203432	695462	203432	0036					15		All	3800	696094	
0117	203432	695462	203432	0036					15		All	3600	696094	
0118	203432	696412	203432	0036	1	695462	1	696412	15	0118	All	3600		

203400 to 203499

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
0119	203455	695817	203452	0049					15 17 74		All	3600	696097	
0120	203432	694678	205432	0038					15 90		All	3750	696096	
0121	203432	696412	203432	0036	1	695462	1	696412	15	0121	All	3600		
0124	203432	695462	203432	0036					15		All	3600	696094	
0128	203437	695818	203432	0035					15 76		All	3600	696098	
0129	203432	695462	203432	0036					15 88		All	3600	696094	
0130	203432	695818	203432	0035					15		All	3600	696098	
0131	203432	695462	203432	0036					15		All	3600	696094	
0132	203432	694678	206432	0036	1	695462	1	694678	15 81 88		All	3750	696096	
0133	203452	695817	203452	0049					15		All	3600	696097	
0134	203432	695432	203432	0036					15		All	3600	696094	