

**219900 to 219999**

**SERVICE ENGINE**



**SALES MANUAL**

**MODEL 219900 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 23:** If the original engine is equipped with a Six Pin Wiring Harness transfer to the replacement engine.
- NOTE 63:** Transfer Rewind Assembly from original engine to replacement engine.
- 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 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

**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
0110	219907	697390	21B907	0026					23 81 88		All	3000	697740	
0111	219907	697390	21B907	0026					23 68 88		All	3200	697740	
0112	219907	697390	21B907	0026			1	494768	23 68 81 88		All	3000	697740	
0114	219907	697390	21B907	0028					67 81 88		All	3000	697740	
0118	219907	697390	21B907	0026					23 81 88		All	3000	697740	
0119	219907	697390	21B907	0026					23 68 81 88		All	3000	697740	
0120	219907	697390	21B907	0026	1	690480	1	691795	23 68 88		All	2800	697740	
0123	219907	697390	21B907	0029					63 81 88		All	2900	697740	
0131	219907	697390	21B907	0029					63 88		All	3400	697740	

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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
0170	219907	697390	21B907	0026					88		All	3300	697740	
0171	219907	697390	21B907	0026	1	690480	1	260902	88		All	2600	697740	