

216900 to 216999**SERVICE ENGINE****SALES MANUAL****MODEL 216900 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 44: Original engine was equipped with Manual Friction or a Fixed Speed. Transfer these parts to the 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

NOTE 90: Transfer Oil Sensor to the replacement engine.

NOTE 97: Transfer the Blower Housing, Rewind Assembly and related parts from the original engine to replacement engine.

NOTE 110: Transfer the Rewind Starter 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
0015	216902	697390	STD.								All	3400	697740	
0016	216902	697390	STD.								All	3400	697740	
0019	216907	697390	STD.								All	3600	697740	
0020	216902	697390	STD.								All	3400	697740	
0025	216907	697390	STD.								All	3600	697740	
0028	216907	697390	STD.								All	3600	697740	
0049	216907	697390	216907	0028			1	698183	88		All	3600	697740	
0050	216907	697390	216907	0028			1	698183	88		All	3600	697740	
									97					
0115	216977	697390	21B977	0036					68		All	3600	697739	
									81					
									88					
									90					
									97					
0116	216977	697390	21B977	0036					68		All	3600	697739	
									81					
									90					
0117	216902	697390	216902	0015					88		All	3400	697740	
0118	216907	697390	216907	0019					88		All	3600	697740	
0120	216902	697390	216902	0020			1	698183	88		All	3600	697740	
0121	216907	697390	216907	0028					88		All	3600	697740	
									97					
0122	216902	697390	216902	0020					88		All	3300	697740	
0123	216902	697390	216902	0020			1	698183	88		All	3600	697740	
0125	216902	697390	216902	0015					88		All	3400	697740	
									110					

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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
0126	216907	697390	216907	0028			1	698183	68 88 97		All	3600	697740	
0127	216902	697390	216902	0020			1	698183	44 88		All	3600	697740	
0128	216902	697390	216902	0020			1	698183	88		All	3600	697740	