

217800 to 217899

SERVICE ENGINE



SALES MANUAL

MODEL 217800 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 44: Original engine was equipped with Manual Friction or a Fixed Speed. Transfer these parts to the replacement engine.
- NOTE 77: Transfer Fuel Pump and related parts from original engine 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 96: Transfer the Air Cleaner Assembly and related parts to the replacement engine.
- NOTE 99: Transfer the Blower Housing to the 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
0113	217802	697390	217902	0015					88 110		All	3400	697740	
0114	217802	697390	217902	0020	1	691840			44		All	3400	697740	
0115	217802	697390	217902	0020							All	3300	697740	
0117	217802	698382	217902	0020					81 88 110		All	3700	697740	
0118	217807	697390	217907	0028					88		All	3400	697740	
0119	217807	697390	21B907	0028					88		All	3200	697740	
0121	217802	697390	217902	0015					77		All	3300	697740	
0125	217807	697390	217907	0019							All	3600	697740	
0138	217802	697390	217902	0015			1	494768	81 88		All	2600	697740	
0287	217807	698382	217907	0025					23 81 88		All	3300	697740	
0381	217807	698382	217907	0025					23 81 88		All	2650	697740	
0393	217807	697390	217907	0025					81 88 96 99		All	3300	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
0426	217807	698382	217907	0025					23 81 88		All	2650	697740	
0439	217807	697390	217907	0025					81 88		All	3300	697740	