

217900 to 217999

SERVICE ENGINE  **SALES MANUAL**

**MODEL 217900 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 63:** Transfer Rewind Assembly from original engine 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
- 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.

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:

217900 to 217999

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	217902	697390	STD.								All	3400	697740	
0016	217902	697390	STD.								All	3400	697740	
0019	217907	697390	STD.								All	3600	697740	
0020	217902	697390	STD.								All	3400	697740	
0025	217907	697390	STD.								All	3600	697740	
0028	217907	697390	STD.								All	3600	697740	
0112	217977	697390	21B977	0036			1	494768	81 88		All	3600	697739	
0114	217907	697390	21B907	0028					81 88		All	3000	697740	
0115	217902	697390	21B902	0015			1	494768	63 81		All	2900	697740	
0116	217907	697390	21B907	0028							All	3200	697740	
0117	217902	697390	21B906	0020	1	695132	1	790415			All	3400	697740	
0118	217977	697390	21B977	0036			1	698600	81 88		All	3600	697739	
0119	217902	697390	21B902	0015			1	494768	81 88		All	2800	697740	
0121	217907	697390	217907	0028					88		All	3400	697740	
0122	217977	697390	21B977	0036					68 81 90		All	3600	697739	
0123	217907	697390	21B907	0028			1	494768	81 88		All	3600	697740	

217900 to 217999

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
0125	217907	697390	21B907	0028			1	494768	68 81 88		All	3600	697740	
0127	217902	697390	217902	0020			1	494768			All	3600	697740	
0128	217907	697390	217907	0028			1	698600			All	3600	697740	
0133	217907	697390	217907	0025					88		All	3600	697740	
0134	217902	697390	217902	0020			1	494768	44 88		All	3600	697740	
0135	217907	697390	217907	0028			1	494768	88 97		All	3600	697740	
0140	217907	697390	217907	0025					68 88		All	3600	697740	