

310700 to 310799

SERVICE ENGINE  **SALES MANUAL**

**MODEL 310700 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 41:** Original engine was equipped for or with a 12 volt or 120 volt Gear Drive Starter and/or with alternator only. Transfer all related parts as required.
- NOTE 64:** Transfer Alternator Assembly 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

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
0112	310777		31G777	0036					23 88		All	3300	697762	
0113	310707	690136	31G707	0026					23 88		All	3400	697761	
0114	310707	690136	31G707	0026					23 41 88		All	3000	697761	
0115	310707	690136	31G707	0026					23 88		All	3300	697761	
0130	310707	690136	31G707	0026					23 88		All	3300	697761	
0131	310777		31G777	0036					23 88		All	3300	697762	
0132	310707	690136	31G707	0026					88		All	3300	697761	
0133	310777	690136	31G777	0036					88		All	3300	697762	
0134	310707		31G707	0026					88		All	3200	697761	
0135	310707	690136	31G707	0026					23 88		All	3300	697761	
0136	310707	690136	31G707	0026					23 88		All	3300	697761	
0137	310707		31G707	0026					23 88		All	3300	697761	
0138	310707	690136	31G707	0026					23 88		All	3300	697761	
0139	310707	690136	31G707	0026					23 81 88		All	2900	697761	

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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
0142	310777		31G777	0028					23 88		All	3300	697762	
0203	310707	690136	31G707	0026					23 64 81 88		All	2650	697761	