

405700 to 405799

SERVICE ENGINE



SALES MANUAL

**MODEL 405700 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 68:** Transfer Flywheel and Alternator Assembly from original 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 107:** Transfer the Main Governor Spring 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
0005	405777	691046	407777	0027					23 68 88		All	3600	692714	
0112	405777	691047	407777	0122					23 88		All	3600	698178	
0113	405777	691046	407777	0027					23 68 88 107		All	3300	692714	
0114	405777	691046	407777	0027					88 107		All	3300	692714	
0116	405777	691046	407777	0027					23 88 107		All	3300	692714	
0117	405777	691046	407777	0027					23 88 107		All	3400	692714	
0118	405777	691046	407777	0027					23 88 107		All	3400	692714	
0119	405777	691046	407777	0027					88 107		All	3300	692714	
0121	405777	691046	407777	0027					23 88 107		All	3300	692714	
0122	405777	691046	407777	0027					23 68 88 107		All	3300	692714	

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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
0123	405777	691046	407777	0027					23 68 88 107		All	3200	692714	
0124	405777	691046	407777	0027					23 88		All	3600	692714	
0126	405777	691046	40H777	0027					23 68 88 107		All	3200	692714	
0129	405777	691046	407777	0027					23 88 107		All	3300	692714	
0131	405777	691046	407777	0027					23 68 88 107		All	3200	692714	
0132	405777	691046	407777	0027					23 88 107		All	3200	692714	
0133	405777	691046	407777	0027					23 88 107		All	3300	692714	
0134	405777	691046	407777	0027					23 68 88 107		All	3400	692714	
0135	405777	691046	407777	0027					23 88 107		All	3400	692714	
0136	405777	691046	407777	0027					23 88 107		All	3000	692714	
0137	405777	691046	407777	0027					23 68 88 107		All	3300	692714	
0138	405777	691046	407777	0027					23 88		All	3600	692714	
0139	405777	691046	407777	0027					23 88		All	3400	692714	
0140	405777	691046	40H777	0027					23 88		All	3600	692714	
0141	405777	691046	40H777	0027					23 68 107		All	3200	692714	