

407700 to 407799**SERVICE ENGINE****SALES MANUAL****MODEL 407700 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
0027	407777	691046	STD.						23 88 107		All	3600	692714	
0117	407777	691046	407777	0027					23 88		All	3600	692714	
0118	407777	691046	407777	0027					23 88 107		All	3300	692714	
0119	407777	691046	407777	0027					23 88 107		All	3300	692714	
0120	407777	691047	407777	0122					23 88		All	3300	698178	
0121	407777	691046	407777	0027					23 88 107		All	3300	692714	
0122	407777	691047	STD.						23 88		All	3300	698178	
0123	407777	691046	407777	0027					23 88 107		All	3400	692714	
0124	407777	691046	407777	0027	1	690948	1	693996	23 88 107		All	3300	692714	
0125	407777	691046	407777	0027					23 88		All	3600	692714	
0126	407777	691046	40H777	0027					23 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
0128	407777	691046	407777	0027					23 88 107		All	3300	692714	
0129	407777	691046	407777	0027					23 88 107		All	2800	692714	
0130	407777	691046	40H777	0027					23 88		All	3500	692714	
0131	407777	699700	40H777	0027					23 107		All	3350	692714	
0135	407777	691046	407777	0027					23 88		All	3600	692714	
0136	407777	691046	407777	0027					23 88 107		All	3000	692714	
0137	407777	691046	407777	0027					23 88 107		All	3400	692714	
0138	407777	691046	407777	0027					23 68 88 107		All	3200	692714	
0139	407777	691046	407777	0027					23 88 107		All	3000	692714	
0140	407777	691046	407777	0027					23 88 107		All	3300	692714	
0141	407777	691047	407777	0122					23 88 107		All	3600	698178	
0147	407777	691046	407777	0027					23 88		All	3400	692714	
0156	407777	691046	407777	0027					23 88 107		All	2700	692714	
0167	407777	691046	407777	0027					23 68 88		All	3300	692714	
0171	407777	691047	407777	0122					23 88 107		All	3300	698178	
0172	407777	691046	407777	0027					23 68 88 107		All	3300	692714	
0174	407777	691046	407777	0027					23 68 88		All	3300	692714	
0176	407777	691046	40H777	0027					23 68 88 107		All	2700	692714	
0184	407777	691046	407777	0027					23 88		All	3300	692714	
0187	407777	691046	40H777	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
0205	407777	691046	407777	0027					23 88 107		All	2600	692714	
0218	407777	691047	407777	0122					23 88 107		All	2600	698178	
0219	407777	691046	407777	0027					23 68 88 107		All	2600	692714	
0220	407777	691046	407777	0027							All	3000	692714	
0229	407777	691046	40H777	0027					23 68 88 107		All	3300	692714	
0230	407777	691046	40H777	0027					23 88 107		All	3300	692714	
0255	407777	691046	40H777	0027					23 68 88 107		All	2650	692714	
0260	407777	691046	40H777	0027					23 88 107		All	2650	692714	
0268	407777	691046	40H777	0027					23 68 88 107		All	3300	692714	
0405	407777	699700	40H777	0027					23		All	3600	698177	
0607	407777	699700	407777	0027			1	790544	23 88 107		All	3300	692714	