

**407500 to 407599**

**SERVICE ENGINE**



**SALES MANUAL**

**MODEL 407500 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 35:** Transfer the Speed Limiter Control Assembly to the 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.

**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
0025	407577	691046	STD.								All	3300	692714	
0026	407577	691047	STD.								All	3300	698178	
0027	407577	691046	STD.								All	3300	692714	
0110	407577	691046	407577	0027					81		All	3700	692714	
0111	407577	691046	407577	0027	1	494439					All	3200	692714	
0112	407577	699700	40H777	0027					23 88 90		All	3500	692714	
0113	407577	699700	40H777	0027					23		All	3500	692714	
0211	4075A7	691046	407577	0025							All	3300	692714	
0217	407577	691046	407577	0025							All	3300	692714	
0218	407577	691046	407577	0027					90		All	3300	692714	
0257	407577	691046	407577	0025					81		All	2700	692714	
0283	407577	691046	407577	0025					88		All	3300	692714	
0284	407577	691046	407577	0027							All	3300	692714	
0287	407577	691047	407577	0026					35 81 88		All	2500	698178	
0288	407577	691046	407577	0027					35 81		All	2500	692714	
0291	407577	691046	407577	0025							All	3300	692714	
0292	407577	691046	407577	0025					90		All	3300	692714	
0294	407577	691046	407577	0027					90		All	3300	692714	
0306	407577	691046	407577	0027					81 90		All	2650	692714	
0308	407577	691046	407577	0025					81 90		All	2650	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
0309	407577	691046	407577	0027					81 90		All	2650	692714	
0317	407577	691046	407577	0027					81 90		All	3700	692714	
0346	407577	699700	407577	0025					90		All	3300	692714	
0392	407577	699700	407577	0027					90		All	3300	692714	
0398	407577	699700	407577	0027					81 90		All	3600	692714	