

**445700 to 445799**

**SERVICE ENGINE**



**SALES MANUAL**

**MODEL 445700 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 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
0027	445777	691046	STD.						23 88		All	3300	698172	
0112	445777	691047	445777	0027	1	691046	1	691047	88	0112	All	3300	698173	
0113	445777	691046	445777	0027	1	690948	1	693996	88		All	3300	698172	
0114	445777	691046	445777	0027					88		All	3400	698172	
0115	445777	691046	445777	0027					88		All	3300	698172	
0116	445777	691046	445777	0027					23 88		All	3200	698172	
0117	445777	699700	445777	0027					81		All	3600	698172	
0122	445777	691046	445777	0027					88		All	3300	698172	
0123	445777	See Equipment Manufacturer for Replacement Engines and Parts.												
0124	445775	See Equipment Manufacturer for Replacement Engines and Parts.												
0125	445777	691046	445777	0027					88		All	3300	698172	
0126	445777	691046	445777	0027					88		All	3300	698172	
0127	445777	691046	445777	0027					23 88		All	3400	698172	
0129	445777	691046	445777	0027					23 88		All	3300	698172	
0132	445775	See Equipment Manufacturer for Replacement Engines and Parts.												
0133	445777	691047	445777	0027	1	691046	1	691047	23 88	0133	All	3400	698173	
0134	445777	691046	445777	0027					23 88		All	3350	698172	
0135	445777	691046	445777	0027					81		All	3600	698172	
0154	445777	691046	445777	0027					23 88		All	3300	698172	
0155	445777	691046	445777	0027					23 88		All	3300	698172	

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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
0167	445777	691046	445777	0027					23 88		All	3300	698172	
0168	445777	691046	445777	0027					23 88		All	3300	698172	
0170	445777	691046	445777	0027					23 88		All	3300	698172	
0172	445777	691046	445777	0027					23 88		All	3300	698172	
0200	445777	691046	445777	0027					23 88		All	3300	698172	
0211	445777	691046	445777	0027					23 88		All	3300	698172	
0231	445777	691046	445777	0027					23 88		All	3300	698172	
0248	445777	691046	445777	0027					23 68 88		All	3300	698172	
0263	445777	691046	445777	0027					23 68 88		All	3300	698172	
0264	445777		STD.								All	3350	698172	
0315	445777	790136	446777	0025					88		All	3300		
0352	445777	699700	445777	0027					23 81 88		All	2500	698172	
0539	445777	699700	445777	0027					23 88		All	3300	698172	
0560	445777	699700	445777	0027					23		All	3300	698172	