

**111700 to 111799**

**SERVICE ENGINE**



**SALES MANUAL**

**MODEL 111700 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 25:** If the replacement engine supersedes to or is a Model 120000 series engine, refer to the illustrations located after the conversion data for this model series. The overall dimensions that differ, are shown in the illustrations. If after making a visual inspection and it is determined the Model 120000 series engine cannot be used because of equipment interference, the original engine should be repaired with individual parts.

**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:

**111700 to 111799**

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
0101	111707	492096	No Replacement		Repair With Individual Parts.						All	3500		
0102	111702	492096	122K02	0515					25		All	3200		
0106	111708	492096	122K02	0515					25		All	3200		
0160	111702	492087	No Replacement		Repair With Individual Parts.						All	3300		
0161	111782	492096	No Replacement		Repair With Individual Parts.						All	3100		
0162	111787	492096	No Replacement		Repair With Individual Parts.						All	3100		
0163	111707	492096	No Replacement		Repair With Individual Parts.						All	2900		
0164	111702	492096	122K02	0515					25		All	3200		
0165	111702	492087	No Replacement		Repair With Individual Parts.						All	3300		
0166	111702	492087	No Replacement		Repair With Individual Parts.						All	3300		
0167	111782	492096	122K82	0051	1	231748	1	231671	25		All	3000		
0168	111707	492096	No Replacement		Repair With Individual Parts.						All	3200		
0169	111788	492096	No Replacement		Repair With Individual Parts.						All	2900		
0170	111787	492096	No Replacement		Repair With Individual Parts.						All	3000		
0171	111788	492096	122K82	0050	1	231748	1	231671	25		All	2900		
0172	111788	492096	No Replacement		Repair With Individual Parts.						All	2800		
0173	111782	492096	122K82	0051	1	231748	1	231671	25		All	3200		
0174	111782	492096	No Replacement		Repair With Individual Parts.						All	3200		
0175	111782	492096	122K82	0051					25		All	3200		
0176	111787	492096	No Replacement		Repair With Individual Parts.						All	3200		
0177	111708	492096	122K02	0515					25		All	2900		
0178	111782	492096	122K82	0051					25		All	3000		
0179	111787	492096	No Replacement		Repair With Individual Parts.						All	3000		
0180	111708	492096	122K02	0515					25		All	2900		
0181	111708	492087	122K02	0515					25		All	2900		
0182	111702	492096	122K02	0515					25		All	2900		
0183	111782	492096	No Replacement		Repair With Individual Parts.						All	3500		
0184	111708	492087	122K02	0516					25		All	2900		
0185	111702	492096	122K02	0515					25		All	2900		

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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
0186	111788	492096	122K82	0051	1	231748	1	231671	25		All	2900		
0187	111702	492087	122K02	0516					25		All	2800		
0188	111702	492096	122K02	0515					25		All	3100		
0189	111702	492087	No Replacement Repair With Individual Parts.								All	3300		
0190	111782	492087	No Replacement Repair With Individual Parts.								All	2800		
0191	111782	492087	No Replacement Repair With Individual Parts.								All	2800		
0192	111708	492096	122K02	0515					25		All	3100		
0193	111782	492087	No Replacement Repair With Individual Parts.								All	3100		
0194	111708	492087	122K02	0516					25		All	3100		
0195	111707	492087	No Replacement Repair With Individual Parts.								All	3100		
0196	111707	492087	No Replacement Repair With Individual Parts.								All	2900		
0197	111702	492087	122K02	0516					25		All	2900		
0198	111787	492096	No Replacement Repair With Individual Parts.								All	3100		
0199	111707	492087	No Replacement Repair With Individual Parts.								All	3100		
0200	111708	492096	122K02	0515					25		All	3200		
0201	111702	492096	122K02	0515					25		All	3200		
0202	111788	492087	No Replacement Repair With Individual Parts.								All	3200		
0203	111707	492087	No Replacement Repair With Individual Parts.								All	2900		
0204	111708	492087	122K02	0516					25		All	3100		
0205	111788	492087	122K82	0051	1	231748	1	231671	25		All	3200		
3000	111702	492096	122K02	0515					25		All	3200		
3036	111707	492096	No Replacement Repair With Individual Parts.								All	3200		
3041	111702	492096	122K02	0515	1	492177	1	492893	25		All	3300		
3042	111702	492096	122K02	0515					25		All	3000		
3043	111702	492096	122K02	0515	1	690319	1	691851	25		All	3300		
3044	111702	492096	122K02	0515					25		All	3200		
3045	111702	492096	122K02	0515	1	690319	1	691851	25		All	3300		
3046	111707	492096	No Replacement Repair With Individual Parts.								All	3300		
3047	111702	492096	122K02	0515	1	690319	1	691851	25		All	3300		
3048	111707	492096	No Replacement Repair With Individual Parts.								All	3300		
3049	111702	492096	122K02	0515					25		All	3000		
3050	111702	492096	122K02	0515					25		All	2850		
3051	111707	492096	No Replacement Repair With Individual Parts.								All	3300		
3052	111707	492096	122K02	0515	1	492177	1	492893	25		All	3300		
						1	690319	1	691851					
3053	111702	492096	122K02	0515	1	492177	1	492893	25		All	3300		
						1	690319	1	691851					
3054	111702	492096	122K02	0515	1	690319	1	691291	25		All	3600		
3055	111702	492096	122K02	0515	1	690319	1	691851	25		All	3300		
3056	111707	492096	No Replacement Repair With Individual Parts.								All	3300		
3057	111702	492096	122K02	0515	1	690319	1	691851	25		All	3300		
3058	111707	492096	No Replacement Repair With Individual Parts.								All	3300		