

**195700 to 195799**

**SERVICE ENGINE**



**SALES MANUAL**

**MODEL 195700 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 33:** If the replacement engine supersedes to or is a Model 210000 series engine, refer to the illustrations located after the conversion data for this model series. The overall dimensions which differ, are shown in the illustrations. If after making a visual inspection and it is determined the Model 210000 series engine cannot be used because of equipment interference, the original engine should be repaired with a short block and/or 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:

**195700 to 195799**

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	
0111	195707	396876	215907	0028					33		All	3300			
0112	195707	396876	215907	0026					33		All	3400			
0113	195707	396876	215907	0026					33		All	3300			
0114	195707	396876	215907	0028					33		All	3250			
0115	195702	396876	215902	0020					33		All	3500			
0116	195706	396876	No Replacement Repair With Individual Parts.									All	3400		
0117	195707	396876	215907	0026					33		All	3200			
0118	195707	396876	215907	0026					33		All	3300			
0119	195707	396876	215907	0026					33		All	3500			
0120	195707	396876	215907	0028					33		All	3600			
0121	195707	396876	215907	0026					33		All	3300			
0122	195702	396876	215902	0020					33		All	3600			
0123	195702	396876	215902	0020					33		All	3500			
0124	195707	396876	215907	0028					33		All	2600			
0125	195707	396876	215907	0026					33		All	3200			
0126	195702	396876	215902	0020					33		All	3600			
0127	195707	396876	215907	0028					33		All	3600			
0128	195702	396876	215902	0015					33		All	3600			
0129	195702	396876	No Replacement Repair With Individual Parts.									All	3600		
0130	195707	396876	215907	0025					33		All	3600			
0131	195703	396876	No Replacement Repair With Individual Parts.									All	3600		
0132	195702	396876	215902	0020					33		All	3600			
0133	195707	396876	215907	0025					33		All	3500			
0134	195702	396876	215902	0020					33		All	2600			
0135	195702	396876	215902	0015					33		All	3500			
0136	195702	495629	215902	0020					33		All	3000			
0137	195707	495629	215907	0028					33		All	3000			
0138	195702	495629	215902	0015					33		All	2900			
0139	195707	495629	215907	0025					33		All	2900			

195700 to 195799

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
0140	195702	495629	215902	0015					33		All	3500		
0141	195707	495629	215907	0025					33		All	3500		
0142	195702	495629	215902	0015					33		All	3500		
0143	195707	495629	215907	0026					33		All	2900		
0144	195702	495629	215902	0020					33		All	3600		
0145	195707	495629	215907	0026					33		All	3500		
0146	195707	495629	215907	0028					33		All	3300		
0147	195707	495629	215907	0028					33		All	3300		
0148	195706	495629	215907	0028					33		All	3300		
0149	195702	495629	215902	0020					33		All	3600		
0150	195702	495629	215902	0020					33		All	3600		
0151	195702	495629	215902	0020					33		All	3600		
0152	195702	495629	215902	0020					33		All	3000		
0153	195707	495629	215907	0026					33		All	3000		
0154	195707	495629	215907	0028					33		All	3600		
0155	195702	495629	215902	0020					33		All	3600		
0156	195702	495629	215902	0020					33		All	3400		
0157	195702	495629	215902	0020					33		All	3400		
0160	195702	495629	215902	0015					33		All	3200		
0161	195707	495629	215907	0025					33		All	3500		
0162	195707	495629	215907	0028					33		All	3600		
0189	195707	495629	215907	0025					33		All	2900		
0315	195702	495629	215902	0020					33		All	3600		
0412	195707	495629	215907	0026					33		All	3400		
0413	195707	495629	215907	0026					33		All	3300		
0414	195707	495629	215907	0028					33		All	3250		
0421	195707	495629	215907	0026					33		All	3300		
0426	195702	495629	215902	0020					33		All	3400		
0428	195702	495629	215902	0015					33		All	3600		
0429	195702	495629	No Replacement Repair With Individual Parts.								All	3600		
0430	195707	495629	215907	0025					33		All	3600		
0431	195703	495629	No Replacement Repair With Individual Parts.								All	3600		
0432	195707	495629	215907	0025					33		All	3600		
0436	195702	495629	215902	0020					33		All	3000		
0437	195707	495629	215907	0028					33		All	3000		
0449	195702	495629	215902	0020					33		All	3600		
0450	195702	495629	215902	0020					33		All	3600		
0451	195702	495629	215902	0020					33		All	3400		
0452	195702	495629	215902	0015					33		All	3500		
0455	195702	495629	No Replacement Repair With Individual Parts.								All	3600		
0457	195702	495629	215902	0020					33		All	3400		
0460	195702	495629	215902	0015					33		All	3600		
0461	195707	495629	215907	0025					33		All	3500		
0462	195702	495629	215902	0020					33		All	3000		
0463	195707	495629	215907	0028					33		All	3000		
0465	195707	495629	215902	0020					33		All	3600		
0466	195707	495629	215907	0028					33		All	3600		
0467	195702	495629	215902	0020					33		All	3600		
0468	195707	495629	215907	0028					33		All	3600		
0490	195707	495629	No Replacement Repair With Individual Parts.								All	3600		
0491	195702	495629	215902	0020					33		All	3500		
0492	195707	495629	215907	0026					33		All	3600		
4002	195702	396876	215902	0020					33		All	3600		
4015	195702	396876	215902	0020					33		All	3400		
4016	195702	396876	215902	0020					33		All	4000		
4018	195702	396877	No Replacement Repair With Individual Parts.								All	3100		

**195700 to 195799**

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	
4019	195707	396876	215907	0025					33		All	3400			
4020	195702	396876	215902	0015					33		All	3400			
4025	195707	396876	215907	0028					33		All	3600			
4026	195707	396876	215907	0028					33		All	3100			
4027	195707	396877	No Replacement Repair With Individual Parts.									All	3100		
4502	195702	495629	215902	0020					33		All	3600			
4515	195702	495629	215902	0020					33		All	3400			
4516	195702	495629	215902	0020					33		All	4000			
4518	195702	495632	No Replacement Repair With Individual Parts.									All	3100		
4519	195707	495629	215907	0025					33		All	3400			
4520	195702	495629	215902	0015					33		All	3400			
4525	195707	495629	215907	0028					33		All	3600			
4526	195707	495629	215907	0028					33		All	3500			
4527	195707	495632	No Replacement Repair With Individual Parts.									All	3100		