

**94900 to 94999**

**SERVICE ENGINE**



**SALES MANUAL**

**MODEL 94900 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:

**94900 to 94999**

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
0015	94908	394030	9M902	0015						All	3000			
0016	94908	394322	9M902	0016						All	3000			
0017	94908	394371	9M902	0018						All	3000			
0050	94988	394030	No Replacement Repair With Individual Parts.							All	3000			
0051	94988	394030	No Replacement Repair With Individual Parts.							All	3000			
0052	94988	394322	No Replacement Repair With Individual Parts.							All	3000			
0117	94908	394030	9M902	0015						All	3200			
0150	94908	394030	9M902	0015						All	3200			
0151	94908	394030	9M902	0015						All	3000			
0152	94908	394322	9M902	0016						All	3200			
0153	94908	394322	9M902	0016						All	3100			
0154	94988	394030	No Replacement Repair With Individual Parts.							All	3000			
0155	94908	394030	9M902	0015						All	3000			
0156	94908	394030	9M902	0015						All	2900			
0157	94908	394322	9M902	0016						All	3100			
0158	94988	394030	No Replacement Repair With Individual Parts.							All	3200			
0159	94908	394030	9M902	0015						All	3200			
0160	94908	394322	9M902	0016						All	3200			
0161	94988	394322	No Replacement Repair With Individual Parts.							All	3000			
0162	94908	394322	9M902	0016						All	3000			
0163	94908	394371	9M902	0018						All	3000			
0164	94908	394371	9M902	0018						All	3200			
0165	94908	394030	9M902	0015						All	3000			
0166	94908	394371	9M902	0018						All	3100			
0167	94908	394030	9M902	0015						All	3000			
0168	94988	394322	No Replacement Repair With Individual Parts.							All	3100			
0169	94988	394030	No Replacement Repair With Individual Parts.							All	3200			
0170	94908	394030	9M902	0015						All	3200			
0171	94908	394030	9M902	0015						All	3200			

94900 to 94999

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
0172	94988	394030	No Replacement Repair With Individual Parts.					All	3200					
0173	94908	394030	9M902	0015						All	3200			
0174	94908	394030	9M902	0015						All	3100			
0175	94988	394322	No Replacement Repair With Individual Parts.					All	2800					
0176	94908	394322	9M902	0016						All	2800			
0177	94908	394030	9M902	0015						All	3200			
0178	94908	394322	9M902	0016						All	3000			
0179	94908	394371	9M902	0018						All	3000			
0180	94908	394322	9M902	0016						All	3000			
0181	94908	394030	9M902	0015						All	3200			
0182	94908	394030	9M902	0015						All	3100			
0183	94908	394371	9M902	0018						All	3100			
0184	94908	394322	9M902	0016						All	3200			
0185	94908	394371	9M902	0018						All	3300			
0186	94908	394322	9M902	0016						All	3000			
0187	94908	394322	9M902	0016						All	3400			
0188	94908	394371	9M902	0018						All	3100			
0189	94908	394371	9M902	0018						All	3100			
0190	94908	394322	9M902	0016						All	3100			
0191	94908	394030	9M902	0015						All	3300			
0192	94908	394371	9M902	0018						All	3400			
0193	94908	394371	9M902	0018						All	3400			
0194	94908	394030	9M902	0015						All	3100			
0195	94988	394030	No Replacement Repair With Individual Parts.					All	3100					
0196	94908	394030	9M902	0015						All	3200			
0197	94988	394030	No Replacement Repair With Individual Parts.					All	3200					
0198	94908	394030	9M902	0015						All	3100			
0200	94908	394030	9M902	0015						All	2800			
0201	94908	394371	9M902	0018						All	2800			
0515	94908	394030	9M902	0015						All	3000			
0516	94908	394322	9M902	0016						All	3000			
0517	94908	394371	9M902	0018						All	3000			
0550	94988	394030	No Replacement Repair With Individual Parts.					All	3000					
0551	94988	394030	No Replacement Repair With Individual Parts.					All	3000					
0552	94988	394322	No Replacement Repair With Individual Parts.					All	3000					
0617	94908	394030	9M902	0015						All	3200			
0618	98408	394322	9M902	0016						All	3000			
0619	94908	394030	9M902	0015						All	3000			
0621	94908	394030	No Replacement Repair With Individual Parts.					All	3200					
0622	94988	394030	No Replacement Repair With Individual Parts.					All	3200					
0623	94907	394030	No Replacement Repair With Individual Parts.					All	3200					
0630	94988	394030	No Replacement Repair With Individual Parts.					All	3200					
0631	94908	394030	9M902	0015						All	3200			
0632	94908	394371	9M902	0018						All	3200			
0634	94907	394322	No Replacement Repair With Individual Parts.					All	3000					
0635	94908	394322	9M902	0016						All	3000			
0636	94908	394322	9M902	0016						All	3000			
0637	94988	394322	No Replacement Repair With Individual Parts.					All	3000					
0638	94908	394322	9M902	0016						All	3000			
0639	94988	394322	No Replacement Repair With Individual Parts.					All	3200					
0640	94908	394371	122K02	0518	1	690319	1	691851	25	All	3400			
0641	94908	394030	122K02	0515	1	690319	1	691851	25	All	3400			
0642	94908	396226	No Replacement Repair With Individual Parts.					All	2800					
0643	94988	394371	No Replacement Repair With Individual Parts.					All	3200					
0644	94988	394030	No Replacement Repair With Individual Parts.					All	3000					

**94900 to 94999**

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	
0645	94908	394030	9M902	0015							All	3000			
0646	94908	397049	No Replacement Repair With Individual Parts.									All	3100		
0647	94907	397049	No Replacement Repair With Individual Parts.									All	3100		
0648	94907	397049	No Replacement Repair With Individual Parts.									All	3100		
0649	94988	394030	No Replacement Repair With Individual Parts.									All	2900		
0653	94908	397049	9M902	0016							All	2800			
0654	94988	394030	No Replacement Repair With Individual Parts.									All	3100		
0655	94988	397049	No Replacement Repair With Individual Parts.									All	3100		
0669	94908	397049	9M902	0016							All	2800			
3131	94902	260911	9M902	0015							All	2900			
5902	94908	397049	9M902	0016							All	3100			
5911	94908	394030	9M902	0015							All	3100			
5912	94908	397049	9M902	0016							All	3100			

# MODEL 94900

# MODEL 120000

