

113900 to 113999

SERVICE ENGINE  **SALES MANUAL**

**MODEL 113900 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:

113900 to 113999

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	113908	394643	10M902	0015							All	3100		
0016	113908	394793	10M902	0016							All	3100		
0018	113908	394881	10M902	0018							All	3100		
0051	113988	394643	122K82	0051	1	231748	1	231671	25		All	3100		
0052	113988	394793	No Replacement Repair With Individual Parts.								All	3100		
0117	113908	394643	10M902	0015							All	3200		
0120	113988	394643	No Replacement Repair With Individual Parts.								All	3200		
0130	113988	394643	122K82	0051	1	231748	1	231671	25		All	3000		
0131	113908	394643	10M902	0015							All	3300		
0132	113908	394643	10M902	0015							All	3300		
0133	113988	394793	No Replacement Repair With Individual Parts.								All	3100		
0134	113908	394793	10M902	0016							All	3700		
0135	113908	394643	10M902	0015							All	3100		
0136	113908	394881	10M902	0018							All	3300		
0137	113908	394643	10M902	0015							All	3300		
0138	113908	394793	10M902	0016							All	3500		
0139	113908	394793	10M902	0016							All	3300		
0140	113908	394793	10M902	0016							All	3000		
0141	113988	394643	No Replacement Repair With Individual Parts.								All	3300		
0146	113988	394643	No Replacement Repair With Individual Parts.								All	3500		
0147	113988	394643	No Replacement Repair With Individual Parts.								All	3000		
0148	113908	394793	10M902	0016							All	3000		
0149	113988	394643	No Replacement Repair With Individual Parts.								All	3200		
0156	113988	394643	122K82	0051	1	231748	1	231671	25		All	3000		
0158	113908	394643	10M902	0015							All	2800		
0160	113988	394643	122K82	0051					25		All	2800		
0515	113908	492093	10M902	0015							All	3100		
0516	113908	397231	10M902	0016							All	3100		
0517	113908	394881	10M902	0018							All	3100		

113900 to 113999

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	
0551	113988	492093	122K82	0051	1	231748	1	231671	25		All	3100			
0552	113988	397231	No Replacement Repair With Individual Parts.									All	3100		
0632	113988	492093	No Replacement Repair With Individual Parts.									All	3200		
0633	113908	492093	10M902	0015							All	3100			
0634	113908	492093	10M902	0015							All	3000			
0635	113908	397231	10M902	0016							All	3000			
0636	113988	492093	122K82	0051	1	231748	1	231671	25		All	3000			
0637	113988	492093	No Replacement Repair With Individual Parts.									All	3200		
0638	113988	397231	No Replacement Repair With Individual Parts.									All	3400		
0639	113988	397231	No Replacement Repair With Individual Parts.									All	3100		
0640	113908	397231	10M902	0016							All	3100			
0641	113908	397231	10M902	0016							All	3000			
0642	113988	492093	No Replacement Repair With Individual Parts.									All	3000		
0643	113988	397231	No Replacement Repair With Individual Parts.									All	2800		
0644	113988	397231	No Replacement Repair With Individual Parts.									All	2800		
0645	113988	394793	No Replacement Repair With Individual Parts.									All	3000		
0646	113988	394881	No Replacement Repair With Individual Parts.									All	3400		
0647	113908	492093	10M902	0015							All	3000			
0648	113908	394881	10M902	0018							All	3100			
0649	113908	397231	10M902	0016							All	3300			
0650	113908	394881	10M902	0018							All	3200			
0651	113908	492093	10M902	0015							All	2900			
0652	113908	397231	10M902	0016							All	2900			
0654	113908	397231	10M902	0016							All	2900			
0655	113988	397231	No Replacement Repair With Individual Parts.									All	3000		
0656	113908	492093	10M902	0015							All	3200			
0657	113907	492087	No Replacement Repair With Individual Parts.									All	3100		
0658	113907	492087	No Replacement Repair With Individual Parts.									All	3200		
0659	113907	492093	No Replacement Repair With Individual Parts.									All	3000		
0660	113987	492093	No Replacement Repair With Individual Parts.									All	3000		
0661	113987	492094	No Replacement Repair With Individual Parts.									All	3300		
0662	113908	397231	10M902	0016							All	2800			
0663	113988	397231	No Replacement Repair With Individual Parts.									All	3100		
0664	113988	392093	122K82	0051	1	231748	1	231671	25		All	2900			
0665	113988	397231	122K82	0051	1	231748	1	231671	25		All	2900			
0666	113988	397943	No Replacement Repair With Individual Parts.									All	2900		
0667	113908	492093	10M902	0015							All	2900			
0668	113908	397231	10M902	0016							All	2900			
0669	113908	492093	10M902	0015							All	3400			
0670	113908	397231	10M902	0016							All	2800			
0671	113908	397231	10M902	0016							All	2900			
0672	113908	492093	10M902	0015							All	3400			
0673	113908	397231	10M902	0016							All	3400			
0674	113908	397231	10M902	0016							All	3300			
2999	113908	399405	STD.									All	3750		
3107	113907	492093	No Replacement Repair With Individual Parts.									All	3200		
3121	113908	492093	No Replacement Repair With Individual Parts.									All	3200		
3130	113988	397230	No Replacement Repair With Individual Parts.									All	3200		
3132	113987	397235	No Replacement Repair With Individual Parts.									All	2800		
3133	113987	397230	No Replacement Repair With Individual Parts.									All	3000		
3138	113987	492087	No Replacement Repair With Individual Parts.									All	2800		
5902	113908	397231	10M902	0016							All	3000			
5903	113988	397231	No Replacement Repair With Individual Parts.									All	3000		
5904	113988	397231	No Replacement Repair With Individual Parts.									All	3200	398224	
5905	113908	397231	10M902	0016							All	3000			

113900 to 113999

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
5911	113908	492093	10M902	0015							All	3000	398220	
5912	113908	397231	10M902	0016							All	3000		