

95900 to 95999

SERVICE ENGINE



SALES MANUAL

**MODEL 95900 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 73: Transfer Flywheel Assembly to the replacement engine.

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:

NOTE FF: Change Drive Shaft in Short Block. Remove 230948. Add 230831.

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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
0100	95902	492748	9M902	0015							All	3200	398210	
0102	95902	492086	9M902	0016							All	3200	398211	
0106	95902	492086	9M902	0016							All	3200	398211	
0107	95902	492748	9M902	0015							All	3600	398210	
0108	95902	493846	9M902	0018							All	3100	398213	
0109	95902	492086	9M902	0016							All	3600	398211	
0110	95902	492748	9M902	0015							All	3300	398210	
0111	95902	492748	9M902	0015							All	3200	398210	
0112	95902	492748	9M902	0015							All	3300	398210	
0113	95902	492748	9M902	0015							All	3300	398210	
0114	95902	492748	9M902	0015							All	3300	398210	
0115	95902	492748	9M902	0015							All	3600	398210	
0116	95902	492748	9M902	0015							All	3600	398210	
0117	95902	492748	9M902	0015							All	3600	398210	
0118	95902	492086	9M902	0016							All	3300	398211	
0119	95902	493846	9M902	0018							All	3500	398213	
0120	95902	492748	9M902	0015							All	3300	398210	
0121	95902	492748	9M902	0015							All	3300	398210	
0122	95902	492748	9M902	0015							All	3300	398210	
0123	95902	492086	9M902	0016							All	3300	398211	
0124	95902	492748	9M902	0015							All	3300	398210	
0125	95902	492748	9M902	0015							All	3300	398210	
0126	95902	492748	9M902	0015							All	3600	398210	
0127	95902	492748	9M902	0015							All	3300	398210	
0128	95902	492748	9M902	0015							All	3100	398210	
0129	95902	492748	9M902	0015							All	3600	398210	
0130	95902	492748	9M902	0015							All	3200	398210	
0131	95902	493846	9M902	0018							All	3600	398213	
0132	95902	493846	9M902	0018					73		All	3500	398213	
0133	95902	492748	9M902	0015							All	2900	398210	
0134	95902	492748	9M902	0015							All	3200	398210	

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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		
0135	95902	492086	98902	0016	1	395653	1	496893			All	3100	398211			
0136	95902	492086	9M902	0016							All	3100	398211			
0137	95902	492748	9M902	0015							All	3000	398210			
0138	95902	492748	9M902	0015							All	3300	398210			
0139	95902	492748	9M902	0015							All	3100	398210			
0140	95902	492086	9M902	0016							All	3100	398211			
0206	95902	492086	9M902	0016							All	3000	398211			
0207	95902	492748	9M902	0015							All	3000	398210			
0209	95902	492086	9M902	0016							All	3200	398211			
0215	95902	492086	9M902	0016							All	3200	398211			
0216	95982	492086	No Replacement Repair With Individual Parts.									All	3000			
0217	95902	492086	9M902	0016							All	3000	398211			
0218	95902	492086	9M902	0016							All	3000	398211			
0219	95902	492086	9M902	0016							All	3000	398211			
0220	95902	492086	9M902	0016							All	3000	398211			
0221	95902	492086	9M902	0016					73		All	3200	398211			
0222	95902	492086	9M902	0016							All	3000	398211			
0223	95902	492086	9M902	0016					73		All	3000	398211			
0224	95902	492086	9M902	0016					73		All	3000	398211			
0225	95902	492086	9M902	0016					73		All	3200	398211			
0226	95902	492086	9M902	0016							All	3000	398211			
0227	95902	492748	9M902	0015							All	3300	398210			
0228	95902	492086	9M902	0016					73		All	3300	398211			
0229	95902	492748	9M902	0015							All	3000	398210			
3102	95902	492086	9M902	0016							All	3200	398211			
3105	95902	493846	9M902	0018							All	3150	398213			
3107	95902	492748	9M902	0015							All	3200	398210			
3108	95902	493846	9M902	0018							All	3100	398213			
3109	95902	493846	9M902	0018							All	3100	398213			
3110	95982	492748	No Replacement Repair With Short Block and/or Individual Parts									All	3000	398215	FF	
3111	95902	493846	9M902	0018							All	3100	398213			
3112	95902	492748	9M902	0015							All	3100	398210			
3113	95902	492748	9M902	0015							All	3200	398210			
3114	95902	492748	9M902	0015							All	3100	398210			
3115	95902	493846	9M902	0018							All	3100	398213			
3116	95902	492086	9M902	0016							All	3100	398211			
3117	95902	492086	9M902	0016							All	3100	398211			
3118	95982	492748	No Replacement Repair With Short Block and/or Individual Parts									All	3200	398214		
3119	95902	492086	9M902	0016							All	3100	398211			
3120	95902	492086	9M902	0016							All	3100	398211			
3121	95902	492748	9M902	0015							All	3200	398210			
3122	95902	492748	9M902	0015							All	3200	398210			
3123	95902	492086	9M902	0016							All	3100	398211			
3124	95902	493846	9M902	0018							All	3100	398213			
3125	95982	492748	No Replacement Repair With Short Block and/or Individual Parts									All	3200	398215		
3126	95902	492748	9M902	0015							All	3400	398210			
3127	95902	492086	9M902	0016							All	3500	398211			
3128	95902	493618	No Replacement Repair With Short Block and/or Individual Parts									All	3500	398212		
3129	95902	492748	9M902	0015							All	3300	398210			
3130	95902	493618	No Replacement Repair With Short Block and/or Individual Parts									All	3100	398212		
3131	95902	493846	9M902	0018							All	3100	398213			
3132	95902	492086	9M902	0016							All	3100	398211			
3133	95902	492086	9M902	0016							All	3100	398211			
3135	95902	492748	9M902	0015							All	3200	398210			
3137	95902	492086	9M902	0016							All	3100	398211			

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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
3138	95982	492748	No Replacement Repair With Short Block and/or Individual Parts						All	3200	398214			
3139	95902	492086	9M902	0016						All	3100	398211		
3140	95902	494564	9M902	0018						All	3100	398213		
3142	95902	492748	9M902	0015						All	3200	398210		
3147	95902	492748	9M902	0015						All	3100	398210		
3148	95902	496069	No Replacement Repair With Individual Parts.						All	3400				
3149	95902	493846	9M902	0018						All	3100	398213		
3150	95982	492748	No Replacement Repair With Short Block and/or Individual Parts						All	3100	398215	FF		
3151	95902	492086	9M902	0016						All	3100	398211		
3152	95902	496069	No Replacement Repair With Individual Parts.						All	3000				
3153	96902	496069	No Replacement Repair With Individual Parts.						All	3100				
3154	95902	496069	No Replacement Repair With Individual Parts.						All	3100				
3155	95902	492748	9M902	0015						All	3200	398210		
3156	95902	492748	9M902	0015						All	3000	398210		
3158	95902	492748	9M902	0015						All	3600	398210		
3168	95902	492086	9M902	0016						All	3000	398211		
3176	95902	492748	9M902	0015						All	3200	398210		
3178	95902	492086	9M902	0016						All	3000	398211		
3179	95902	494564	9M902	0018						All	3150	398213		
3180	95902	492748	No Replacement Repair With Short Block and/or Individual Parts						All	3000	398215	FF		
3181	95902	494564	9M902	0018						All	3100	398213		
3182	95902	492086	9M902	0016						All	3000	398211		
3183	95902	492086	9M902	0016						All	3000	398211		
3184	95902	494564	9M902	0018						All	3100	398213		
3185	95902	492086	9M902	0016						All	3150	398211		
3187	95902	492086	9M902	0016						All	3150	398211		
3210	95982	492748	No Replacement Repair With Short Block and/or Individual Parts						All	3200	398215	FF		
3233	95902	492086	9M902	0016						All	3000	398211		
5510	95902	492748	9M902	0015						All	3200	398210		
5511	95982	492748	No Replacement Repair With Short Block and/or Individual Parts						All	3200	398216			
5512	95902	492086	9M902	0016						All	3100	398211		
5515	95902	493618	9M902	0018						All	3100	398213		
5516	95982	492748	No Replacement Repair With Short Block and/or Individual Parts						All	3000	398215	FF		
5517	95902	492086	9M902	0016						All	3000	398211		
5518	95902	492086	9M902	0016						All	3000	398211		
5530	95902	492748	9M902	0016						All	3200	398211		
5531	95902	492748	9M902	0015						All	3200	398210		
5532	95902	492086	9M902	0016						All	3150	398211		