

80500 to 80599

SERVICE ENGINE



SALES MANUAL

**MODEL 80500 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:

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:

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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
0110	80501	260390	9M902	0015										
0126	80502	260124	9M902	0015							All	4100		
0129	80506	260124	9M902	0015							All	4100		
0130	80596	260099	No Replacement Repair With Individual Parts.								All	4100		
0131	80592	260099	No Replacement Repair With Individual Parts.											
0132	80502	260096	9M902	0016							All	3500		
0133	80502	260098	9M902	0018							All	3500		
0134	80502	260670	No Replacement Repair With Individual Parts.								All	3500		
0135	80506	260670	No Replacement Repair With Individual Parts.								All	3500		
0136	80502	260096	9M902	0016							All	3500		
0137	80506	260096	122K02	0516							All	3500		
0138	80502	260124	9M902	0015							All	3500		
0139	80502	260670	No Replacement Repair With Individual Parts.								All	3500		
0140	80502	260670	No Replacement Repair With Individual Parts.								All	3500		
0141	80502	260319	122K02	0516	1	492177	1	492893			All	4100		
0142	80502	260124	9M902	0015							All	3500		
0143	80502	260124	No Replacement Repair With Individual Parts.								All	3500		
0144	80506	260124	9M902	0015							All	3500		
0145	80502	260096	9M902	0016							All	3500		
0146	80501	260094	No Replacement Repair With Individual Parts.								All	3600		
0147	80502	260098	No Replacement Repair With Individual Parts.								All	3600		
0148	80502	260124	122K02	0515										
0149	80502	260098	9M902	0018							All	3500		
0150	80502	260124	9M902	0015							All	4100		
0151	80506	260124	9M902	0015							All	4100		
0152	80502	260124	9M902	0015							All	3500		
0153	80502	260096	9M902	0016							All	4100		
0154	80502	260124	9M902	0015							All	3500		
0155	80502	260204	No Replacement Repair With Individual Parts.											
0156	80592	26099	No Replacement Repair With Individual Parts.								All	3500		
0157	80502	260096	9M902	0016							All	4100		

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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
0158	80502	260124	9M902	0015							All	3600		
0159	80502	260124	9M902	0015							All	3500		
0160	80506	260124	9M902	0015							All	3500		
0161	80502	260124	9M902	0015										
0162	80502	260124	9M902	0015							All	3500		
0163	80502	260124	9M902	0015										
0164	80502	260096	9M902	0016							All	3500		
0165	80502	260124	9M902	0015							All	3500		
0166	80506	260098	122K02	0518							All	3500		
0167	80502	260096	9M902	0016							All	4100		
0168	80502	260411	No Replacement Repair With Individual Parts.								All	3700		
0169	80506	260124	9M902	0015							All	3500		
0170	80502	260124	9M902	0015							All	3500		
0171	80502	260124	9M902	0015							All	3600		
0174	80506	260124	9M902	0015							All	3500		
0175	80502	260411	No Replacement Repair With Individual Parts.								All	3600		
0176	80502	260098	122K02	0518							All	4100		
0177	80502	260124	9M902	0015							All	3500		
0178	80506	260097	No Replacement Repair With Individual Parts.								All	3500		
0179	80502	260096	9M902	0016							All	3500		
0180	80506	260098	122K02	0518							All	4100		
0181	80592	260099	No Replacement Repair With Individual Parts.								All	3500		
0182	80502	260124	122K02	0515							All	4100		
0183	80502	260096	9M902	0016							All	3500		
0184	80502	260096	122K02	0516							All	3500		
0185	80502	260124	9M902	0015							All	3600		
0186	80502	260124	9M902	0015							All	3500		
0187	80506	260124	9M902	0015										
0188	80506	260096	9M902	0016							All	4100		
0189	80502	260096	9M902	0016							All	3500		
0190	80502	260124	122K02	0515							All	4100		
0191	80502	260096	9M902	0016							All	4100		
0192	80506	260124	9M902	0015										
0193	80506	260124	9M902	0015							All	4100		
0194	80506	260124	122K02	0515							All	3500		
0195	80502	260096	9M902	0016							All	4100		
0196	80501	260092	9M902	0016										
0197	80502	260096	122K02	0516							All	4100		
0198	80500	260097	No Replacement Repair With Individual Parts.								All	2300		
909010	80501	260390	9M902	0015										
909011	80501	260092	9M902	0016										
909012	80501	260093	No Replacement Repair With Individual Parts.											
909013	80501	260094	9M902	0018										
909014	80502	260096	9M902	0016										
909015	80502	260124	9M902	0015										
909016	80502	260096	9M902	0016										
909017	80502	260097	No Replacement Repair With Individual Parts.											
909018	80502	260098	9M902	0018										
909019	80503	260390	9M902	0015										
909021	80503	260092	9M902	0016										
909022	80503	260093	No Replacement Repair With Individual Parts.											
909023	80503	260094	9M902	0018										
909025	80592	260099	No Replacement Repair With Individual Parts.											
909026	80502	260124	9M902	0015										
909027	80502	260096	9M902	0016										
909028	80502	260133	No Replacement Repair With Individual Parts.											

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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
909029	80502	260124	9M902	0015										
909030	80502	260370	No Replacement Repair With Individual Parts.											
909031	80502	260124	9M902	0015										
909032	80502	260097	No Replacement Repair With Individual Parts.											
909033	80502	260124	9M902	0015										
909034	80502	260204	No Replacement Repair With Individual Parts.											
909035	80502	260124	9M902	0015										
909036	80502	260124	9M902	0015										
909037	80502	260124	9M902	0015										
909038	80502	260124	9M902	0015										
909039	80502	260207	9M902	0015										
909040	80502	260207	9M902	0015										
909041	80502	260124	9M902	0015										
909042	80502	260124	9M902	0015										
909043	80502	260124	9M902	0015										
909044	80502	260096	9M902	0016										
909045	80502	260096	9M902	0016										
909046	80502	260235	9M902	0015			1	93061						
909047	80502	260124	9M902	0015										
909048	80502	260124	9M902	0015										
909049	80502	260124	9M902	0015						All	3500			
909050	80502	260124	9M902	0015										
909051	80502	260096	9M902	0016										
909052	80502	260124	9M902	0015										
909053	80502	260670	9M902	0015										
909054	80502	260124	122K02	0515										
909055	80502	260124	9M902	0015										
909056	80502	260670	9M902	0015										
909057	80502	260124	122K02	0515										
909058	80502	260124	9M902	0015										
909059	80502	260096	9M902	0016										
909060	80502	260124	9M902	0015										
909061	80502	260124	9M902	0015										
909062	80592	260224	No Replacement Repair With Individual Parts.											
909063	80502	260096	9M902	0016										
909064	80502	260124	9M902	0015										
909065	80502	260096	9M902	0016										
909066	80502	260124	9M902	0015										
909067	80503	260092	9M902	0016										
909068	80502	260416	9M902	0016										
909069	80502	260416	9M902	0016										
909070	80502	260096	9M902	0016										
909071	80502	260096	9M902	0016										
909072	80502	260124	9M902	0015										
909073	80502	260124	9M902	0015										
909074	80502	260096	9M902	0016										
909075	80592	260099	No Replacement Repair With Individual Parts.											
909076	80502	260096	9M902	0016						All	3500			
909077	80502	260096	9M902	0016										
909078	80502	260133	No Replacement Repair With Individual Parts.											
909079	80502	260096	9M902	0016										
909080	80502	260096	9M902	0016										
909081	80502	260124	9M902	0015										
909082	80502	260124	9M902	0015										
909083	80502	260124	9M902	0015										

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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
909084	80502	260096	9M902	0016										
909085	80502	260096	9M902	0016										
909086	80502	260124	9M902	0015										
909087	80502	260426	No Replacement Repair With Individual Parts.											
909088	80502	260426	No Replacement Repair With Individual Parts.											
909089	80502	260096	9M902	0016										
909090	80502	260124	9M902	0015										
909091	80502	260096	122K02	0516										
909092	80502	260096	9M902	0016										
909093	80502	260096	9M902	0016										
909094	80502	260096	9M902	0016										
909095	80502	260096	9M902	0016										
909096	80502	260124	9M902	0015										
909097	80502	260124	9M902	0015										
909098	80502	260124	9M902	0015										
909099	80502	260124	9M902	0015						All	3500			
909100	80502	260124	9M902	0015										
909101	80502	260124	9M902	0015										
909102	80502	260124	9M902	0015						All	3500			
909103	80592	260099	No Replacement Repair With Individual Parts.											
909104	80596	260099	No Replacement Repair With Individual Parts.											
909105	80506	260124	9M902	0015										
909106	80502	260124	9M902	0015						All	3600			
909107	80506	260124	9M902	0015										
909108	80506	260124	9M902	0015										
909109	80596	260099	No Replacement Repair With Individual Parts.											
909110	80596	260099	No Replacement Repair With Individual Parts.											
909111	80502	260124	9M902	0015										
909112	80592	260224	No Replacement Repair With Individual Parts.											
909113	80506	260124	9M902	0015										
909114	80506	260124	9M902	0015						All	3500			
909115	80596	260224	No Replacement Repair With Individual Parts.											
909116	80596	260099	No Replacement Repair With Individual Parts.											
909117	80506	260124	9M902	0015						All	3500			
909118	80502	260124	9M902	0015										
909119	80506	260124	9M902	0015										
909120	80592	260099	No Replacement Repair With Individual Parts.											
909121	80502	260096	9M902	0016										
909122	80502	260096	9M902	0016										
909123	80502	260096	9M902	0016										
909124	80506	260096	9M902	0016										
909125	80592	260224	No Replacement Repair With Individual Parts.											
909126	80592	260099	No Replacement Repair With Individual Parts.											
909127	80596	260099	No Replacement Repair With Individual Parts.											
909128	80582	260124	9M902	0015										
909129	80502	260096	9M902	0016										
909130	80502	260096	9M902	0016										
909131	80502	260096	9M902	0016										
909132	80502	260124	9M902	0015										
909133	80506	260124	9M902	0015	1	692009	1	690843						
909134	80502	260124	9M902	0015	1	692009	1	690843						
909135	80502	260124	9M902	0015										
909136	80506	260124	9M902	0015										
909137	80592	260099	No Replacement Repair With Individual Parts.											
909138	80502	260124	9M902	0015										

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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
909139	80506	260096	122K02	0516										
909140	80502	260096	9M902	0016										
909141	80502	260096	9M902	0016										
909142	80506	260124	9M902	0015										
909143	80506	260124	9M902	0015						All	3500			
909144	80502	260204	No Replacement Repair With Individual Parts.											
909145	80506	260124	9M902	0015										
909146	80506	260124	9M902	0015										
909147	80502	260098	9M902	0018						All	3500			
909148	80506	260098	122K02	0518						All	3500			
909149	80502	260124	9M902	0015										
909150	80502	260124	9M902	0015						All	3500			
909151	80506	260124	9M902	0015										
909152	80592	260099	No Replacement Repair With Individual Parts.							All	3500			
909153	80502	260096	9M902	0016										
909154	80506	260096	122K02	0516										
909155	80502	260124	9M902	0015						All	3500			
909156	80506	260124	9M902	0015						All	3500			
909157	80502	260096	9M902	0016						All	3500			
909158	80502	260096	9M902	0016						All	3500			
909159	80502	260124	9M902	0015						All	4100			
909160	80502	260124	9M902	0015										
909161	80506	260124	9M902	0015						All	4100			
909162	80502	260098	9M902	0018						All	3500			
909163	80502	260670	No Replacement Repair With Individual Parts.							All	3500			
909164	80502	260670	9M902	0015						All	3500			
909165	80506	260670	122K02	0515						All	3500			
909166	80502	260096	9M902	0016										
909167	80502	260096	9M902	0016						All	3500			
909168	80502	260096	9M902	0016						All	3500			
909169	80506	260124	9M902	0015										
909170	80506	260096	122K02	0516						All	3500			
909171	80592	260686	No Replacement Repair With Individual Parts.							All	3500			
909173	80502	260400	No Replacement Repair With Individual Parts.											
909174	80502	260670	No Replacement Repair With Individual Parts.											
909175	80502	260096	9M902	0016						All	3500			
909176	80502	260096	9M902	0016						All	3500			
909177	80506	260096	122K02	0516						All	3500			
909178	80592	260224	No Replacement Repair With Individual Parts.							All	3500			
909179	80596	260224	No Replacement Repair With Individual Parts.							All	3500			
909180	80502	260124	9M902	0015						All	3500			
909181	80506	260124	9M902	0015						All	3500			
909182	80502	260370	No Replacement Repair With Individual Parts.											
909183	80502	260096	9M902	0016										
909184	80502	260670	No Replacement Repair With Individual Parts.							All	3500			
909185	80506	260670	No Replacement Repair With Individual Parts.							All	3500			
909186	80502	260096	9M902	0016						All	3500			
909187	80502	260124	9M902	0015										
909188	80506	260096	122K02	0516										
909189	80502	260124	9M902	0015										
909190	80502	260124	9M902	0015										
909191	80506	260124	9M902	0015										
909192	80506	260124	9M902	0015										
909194	80506	260124	9M902	0015										
909195	80502	260670	No Replacement Repair With Individual Parts.							All	3500			
909196	80502	260124	9M902	0015										

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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	
909197	80592	260686	No Replacement Repair With Individual Parts.								All	3500			
909198	80502	260124	9M902	0015							All	3500			
909199	80502	260097	9M902	0016											
909200	80502	260124	No Replacement Repair With Individual Parts.												
909201	80592	260224	No Replacement Repair With Individual Parts.								All	3500			
909202	80506	260098	9M902	0018											
909203	80506	260096	122K02	0516											
909204	80502	260096	9M902	0016											
909205	80502	260124	9M902	0015							All	3500			
909206	80506	260097	No Replacement Repair With Individual Parts.								All	3500			
909207	80506	260124	9M902	0015							All	3500			
909208	80506	260097	No Replacement Repair With Individual Parts.								All	3500			
909209	80502	260124	9M902	0015											
909210	80502	260096	9M902	0016							All	3500			
909211	80502	260096	9M902	0016							All	3500			
909212	80502	260124	9M902	0015											
909213	80502	260096	9M902	0016											
909214	80506	260096	122K02	0516											
909215	80506	260096	122K02	0516							All	3500			
909216	80502	260124	9M902	0016							All	3500			
909218	80502	260124	122K02	0515											
909219	80502	260096	9M902	0016							All	3500			
909220	80502	260124	9M902	0015											
909221	80506	260670	No Replacement Repair With Individual Parts.								All	3500			
909222	80502	260670	No Replacement Repair With Individual Parts.								All	3500			
909223	80506	260670	No Replacement Repair With Individual Parts.								All	3500			
909224	80502	260670	No Replacement Repair With Individual Parts.								All	3500			
909225	80506	260670	No Replacement Repair With Individual Parts.								All	3500			
909226	80502	260670	No Replacement Repair With Individual Parts.								All	3500			
909227	80501	260094	9M902	0018											
909228	80502	260124	9M902	0015											
909229	80506	260124	9M902	0015											
909230	80506	260124	9M902	0015											
909231	80502	260124	9M902	0015							All	3500			
909232	80502	260124	9M902	0015											
909233	80502	260124	No Replacement Repair With Individual Parts.								All	3500			
909234	80506	260124	No Replacement Repair With Individual Parts.								All	3500			
909235	80501	260094	No Replacement Repair With Individual Parts.								All	3600			
909236	80502	260096	9M902	0016							All	3500			
909237	80502	260098	9M902	0018							All	3500			
909238	80502	260670	No Replacement Repair With Individual Parts.								All	3500			
909239	80502	260124	9M902	0015							All	3500			
909240	80502	260098	No Replacement Repair With Individual Parts.								All	3600			
909241	80502	260096	9M902	0016							All	3500			
909242	80502	260096	122K02	0516											
909243	80506	260096	122K02	0516											
909244	80502	260098	9M902	0018							All	3500			
909245	80506	260124	9M902	0015							All	3500			
909246	80502	260124	9M902	0015											
909247	80502	260124	122K02	0515							All	3500			
909248	80506	260096	9M902	0016							All	3500			
909249	80502	260319	122K02	0516	1	492177	1	492893			All	4100			
909250	80306	260124	9M902	0015							All	3500			
909251	80506	260124	9M902	0015							All	3500			
909252	80502	260096	9M902	0016											

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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	
909253	80506	260096	122K02	0016							All	3500			
909254	80502	260124	9M902	0015							All	3500			
909255	80506	260096	122K02	0516											
909256	80502	260096	9M902	0016											
909257	80502	260096	9M902	0016											
909258	80506	260096	122K02	0516											
909259	80502	260096	122K02	0516							All	3300			
909260	80502	260098	9M902	0018							All	3500			
909261	80506	260124	9M902	0015											
909262	80502	260124	9M902	0015											
909263	80502	260411	No Replacement Repair With Individual Parts.									All	3700		
909264	80506	260096	122K02	0516							All	3500			
909265	80501	260092	9M902	0016							All	3300			
909266	80502	260204	No Replacement Repair With Individual Parts.												
909267	80502	260124	9M902	0015							All	4100			
909268	80502	260096	9M902	0016							All	3500			
909269	80592	260099	No Replacement Repair With Individual Parts.												
909270	80502	260124	9M902	0015											