

351400 to 351499

SERVICE ENGINE



SALES MANUAL

**MODEL 351400 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
0023	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							01	3600	499540		
0024	351447	807780	No Replacement Repair With Short Block and/or Individual Parts							01	3750	499542		
0042	351447	807780	No Replacement Repair With Short Block and/or Individual Parts							01	3750	499542		
0046	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							01	3600	499540		
0064	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							01	3300	499540		
0096	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							01	3600	499540		
0115	351447	807780	No Replacement Repair With Short Block and/or Individual Parts							01	3150	499542		
0116	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							01	3600	499540		
0117	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							01	3600	499540		
0118	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							01	3600	499540		
0180	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							01	3500	499540		
0181	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							01	3600	499540		
0182	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							01	3400	499540		
0183	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							01	3600	499540		
0184	351447	807780	No Replacement Repair With Short Block and/or Individual Parts							01	3150	499542		
0185	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							01	3600	499540		
0186	351442	807778	No Replacement Repair With Short Block and/or Individual Parts							01	3600	499540		
0187	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							01	3600	499540		
1023	351447		No Replacement Repair With Short Block and/or Individual Parts							All	3600	499540		
1024	351447	808428	No Replacement Repair With Short Block and/or Individual Parts							E1	3600	499540		
1042	351447		No Replacement Repair With Short Block and/or Individual Parts							All	3750	499542		
1043	351447		No Replacement Repair With Short Block and/or Individual Parts							All	3100	499542		
1045	351447	808428	No Replacement Repair With Short Block and/or Individual Parts							E1	3600	499540		
1046	351447		No Replacement Repair With Short Block and/or Individual Parts							All	3600	499540		
1047	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							All	3600	499540		
1048	351447	808531	No Replacement Repair With Individual Parts.							All	3600			
1064	351447		No Replacement Repair With Short Block and/or Individual Parts							All	3300	499540		
1065	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							A1	3600	499540		
1074	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							A1	3300	499540		
1075	351447		No Replacement Repair With Short Block and/or Individual Parts							All	3600	499540		
1076	351447		No Replacement Repair With Short Block and/or Individual Parts							All	3600	499540		

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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
1077	351447										All	3600	499541	
1078	351447										All	3750	499542	
1079	351447										All	3600	499540	
1080	351447	807778									A1	3300	499540	
1081	351447	807778									A1	3600	499540	
1082	351442	807778									A1	3600	499540	
1083	351442	807778									A1	3600	499540	
1084	351447	807778									A1	3600	499540	
1085	351447	807780									A2	3750	499542	
1086	351447	807778									A1	3600	499540	
1087	351447	807778									A1	4000	499540	
1088	351447	807780									A1	3150	499542	
1089	351447	807778									A1	3600	499540	
1096	351447										A1	3600	499540	
1098	351447	807780									A1	3150	499542	
1113	351442	808428									E1	3600		
1115	351447	807780									A1	3150	499542	
1116	351447	807778									A1	3600	499540	
1117	351447	807778									A1	3600	499540	
1118	351447	807778									A1	3600	499540	
1119	351447	807778									A1	3600	499540	
1120	351442	807778									A1	3600	499540	
1121	351447	807778									A1	3600	499540	
1122	351442	807778									A1	3600	499540	
1123	351447	807778									All	3600	499540	
1124	351447	807778									A1	3600	499540	
1125	351447	807780									A1	3150	499542	
1126	351447	807778									A1	3600	499540	
1127	351447	807780									A1	3150	499542	
1129	351447	807778									A1	3600	499540	
1130	351447										All	3600	499540	
1131	351447										E1	3150	499542	
1137	351447	807778									A1	3500	499540	
1138	351447	807778									A1	3600	499540	
1139	351447	807780									A1	3150	499542	
1140	351447	807780									A1	3150	499540	
1141	351442	807778									A1	3600	499540	
1142	351447	807778									A1	3600	499540	
1143	351447	807780									A1	3750	499542	
1170	351447										All	3750	499542	
1171	351447	693073									E1	3600		
1172	351447	807780									A1	3150	499542	
1173	351447	807778									All	3600		
1175	351442	807778									A1	3600	499540	
1176	351447	807778									All	3600	499540	
1177	351447	807778									A1	3600	499540	
1178	351447	808428									E1	3600	499540	
1180	351447										All	3500	499540	
1181	351447										All	3600	499540	
1182	351447	807778									A1	2800	499540	
1183	351447	807778									A1	3600	499540	
1184	351447	807780									A1	3150	499542	
1185	351447	807778									A1	3600	499540	
1186	351447	807778									A1	3600	499540	
1187	351447	807778									A1	3600	499540	
1188	351442	807777									A1	3600	499541	

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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
1189	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							A1	3400	499540		
1190	351447	807777	No Replacement Repair With Short Block and/or Individual Parts							A1	3600	499541		
1191	351447		No Replacement Repair With Individual Parts.							A1	3000			
1192	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							All	3600	499540		
1193	351447	807780	No Replacement Repair With Short Block and/or Individual Parts							A1	3150	499542		
1194	351442		No Replacement Repair With Short Block and/or Individual Parts							All	3600	499540		
1195	351447		No Replacement Repair With Short Block and/or Individual Parts							All	3600	499540		
1196	351447		No Replacement Repair With Short Block and/or Individual Parts							All	3600	499540		
1197	351447		No Replacement Repair With Short Block and/or Individual Parts							All	3600	499540		
1202	351447	808428	No Replacement Repair With Short Block and/or Individual Parts							E1	3400	499540		
1203	351447		No Replacement Repair With Short Block and/or Individual Parts							All	3600	499540		
1221	351447		No Replacement Repair With Short Block and/or Individual Parts							All	3600	499540		
1223	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							A1	3600	499540		
1227	351447		No Replacement Repair With Individual Parts.							A1	3300			
1228	351447		No Replacement Repair With Short Block and/or Individual Parts							All	3600	499540		
1229	351447		No Replacement Repair With Short Block and/or Individual Parts							All	3600	499540		
1230	351447		No Replacement Repair With Individual Parts.							A1	3300			
1231	351447	807780	No Replacement Repair With Short Block and/or Individual Parts							A1	3750	499542		
1232	351447	807778	No Replacement Repair With Short Block and/or Individual Parts							E1	3600	499540		
1233	351447	692171	No Replacement Repair With Short Block and/or Individual Parts							E1	3800	499540		
1234	351447		No Replacement Repair With Short Block and/or Individual Parts							E1	3600	499540		
1235	351447		No Replacement Repair With Short Block and/or Individual Parts							E1	3600	499540		
1236	351447		No Replacement Repair With Short Block and/or Individual Parts							E1	3150	499542		
1237	351447	692171	No Replacement Repair With Short Block and/or Individual Parts							E1	3600	499540		
1238	351447	692171	No Replacement Repair With Short Block and/or Individual Parts							E1	3600	499540		
1239	351447	692171	No Replacement Repair With Short Block and/or Individual Parts							E1	3600	499540		
1240	351447	806289	No Replacement Repair With Individual Parts.							E1	3600			
1244	351447	692171	No Replacement Repair With Short Block and/or Individual Parts							E1	3600	499540		
1245	351447	692171	No Replacement Repair With Short Block and/or Individual Parts							All	3600	499540		
1246	351447	692171	No Replacement Repair With Short Block and/or Individual Parts							E1	3600	499540		
1247	351447	692171	No Replacement Repair With Short Block and/or Individual Parts							E1	3600	499540		
1248	351447	692171	No Replacement Repair With Short Block and/or Individual Parts							E1	3600	499540		
1249	351447	692171	No Replacement Repair With Short Block and/or Individual Parts							E1	3600	499540		
1250	351447	692171	No Replacement Repair With Short Block and/or Individual Parts							E1	3600	499540		
1251	351447	692171	No Replacement Repair With Short Block and/or Individual Parts							E1	3600	499540		
1252	351447	692171	No Replacement Repair With Short Block and/or Individual Parts							E1	3600	499540		
1253	351447	692171	No Replacement Repair With Short Block and/or Individual Parts							E1	3600	499540		
1254	351447	692171	No Replacement Repair With Short Block and/or Individual Parts							E1	3600	499540		
1255	351447	692171	No Replacement Repair With Short Block and/or Individual Parts							E1	3300	499540		
1256	351447	692173	No Replacement Repair With Short Block and/or Individual Parts							E1	3750	499542		
1257	351447	692173	No Replacement Repair With Short Block and/or Individual Parts							E1	3150	499542		