

**350700 to 350799**

**SERVICE ENGINE**  **SALES MANUAL**

**MODEL 350700 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 23:** If the original engine is equipped with a Six Pin Wiring Harness transfer to the replacement engine.
- NOTE 41:** Original engine was equipped for or with a 12 volt or 120 volt Gear Drive Starter and/or with alternator only. Transfer all related parts as required.
- NOTE 44:** Original engine was equipped with Manual Friction or a Fixed Speed. Transfer these parts to the replacement engine.
- NOTE 61:** The original engine was equipped with Debris Gard. Transfer these parts to replacement engine.
- NOTE 72:** Transfer Exhaust Ducting and/or Muffler Assembly from original engine to replacement engine.
- NOTE 87:** Transfer Main and Idler Governor Springs.
- NOTE 90:** Transfer Oil Sensor to the replacement engine.
- NOTE 94:** Transfer Static Guard from original engine to replacement engine.
- NOTE 97:** Transfer the Blower Housing , Rewind Assembly and related parts from the original engine to replacement engine.
- NOTE 108:** Transfer the Muffler and/or Spark Arrester Assembly from the original engine if suitable for additional service, or add new parts as required. In some cases it maybe necessary to transfer the Oil Filter Adapter to the replacement engine.
- NOTE 110:** Transfer the Rewind Starter 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:

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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
0034	350777	807779	350777	1034					23		All	3300	496241	
0035	350777	807779	350777	1034	1	805462	1	805460	23		All	3600	496241	
									108					
									110					
0044	350777	807779	350777	1034	1	805462	1	805460	23		All	3600	496241	
									61					
									108					
0045	350772	807779	350777	1034	1	805462	1	805460	23		All	3600	496241	
									61					
									108					
									110					
0046	350776	807779	350776	1046					23		02	3600	496241	
									108					
0110	350777	807779	350777	1034					23		01	3000	496241	
									108					
0111	350772	807779	350777	1034	1	805462	1	805460	23		01	3600	496241	
									108					
									110					
0113	350777	807779	350777	1034					23		01	3400	496241	
									72					
									108					

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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
0114	350777	807779	350777	1034					23 108 110		01	3300	496241	
0115	350777	807779	350777	1034	1	805462	1	805460	23 61 108		01	3600	496241	
0116	350777	807779	350777	1034					23 108		01	3300	496241	
0117	350777	807779	350777	1034	1	805462	1	805460	23 72 108		01	3600	496241	
0118	350777	807779	350777	1034	1	805462	1	805460	23 108		01	3600	496241	
0119	350775	See Equipment Manufacturer for Replacement Engines and Parts.												
0120	350777	807779	350777	1034					23 108		01	3300	496241	
0122	350776	807779	350776	1046					23 108		01	3600	496241	
0123	350777	807779	350777	1034					23 72 108		01	3200	496241	
0125	350777	807779	350777	1034					23 108		01	3300	496241	
0450	350777		350777	1034					23 108		01	3300	496241	
1034	350777		STD.						23 108		All	3300	496241	
1035	350777		350777	1034	1	805462	1	805460	23 108 110		All	3600	496241	
1044	350777		350777	1034	1	805462	1	805460	23 61 108		All	3600	496241	
1045	350772		350777	1034	1	805462	1	805460	23 61 108 110		All	3600	496241	
1046	350776		STD.						23 108		All	3600	496241	
1047	350777	807779	350777	1034					23 41 108		A1	3300	496241	
1048	350777	808429	350776	1046					23 41 61 108		E1	3600	496241	
1049	350777	692172	350777	1034					23 87 97 108		All	3600	496241	
1112	350777		350777	1034					23 108		All	3250	496241	
1113	350777		350777	1034					23 72 108		All	3400	496241	
1114	350777	807779	350777	1034					23 108 110		A1	3300	496241	

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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
1115	350777		350777	1034	1	805462	1	805460	23 108		All	3600	496241	
1116	350777	807779	350777	1034	1	805462	1	805460	23 108		A1	3600	496241	
1117	350777		350777	1034	1	805462	1	805460	23 108		All	3600	496241	
1118	350777		350777	1034	1	805462	1	805460	23 108		All	3600	496241	
1119	350777	807779	350777	1034					23 108		A1	3000	496241	
1120	350777		350777	1034					23 108		A1	3300	496241	
1121	350777	692172	350777	1034					23 108		All	3400	496241	
1122	350776		350776	1046					23 108		All	3600	496241	
1123	350777	807779	350777	1034					23 72 108		A1	3200	496241	
1124	350777	807779	350777	1034	1	805462	1	805460	23 108		A1	3600	496241	
1125	350777		350777	1034					23 108		All	3300	496241	
1126	350777	807779	350777	1034					23 108		A1	3200	496241	
1127	350777	807779	350777	1034					23 108		A1	3300	496241	
1128	350777		350777	1034	1	805462	1	805464	23 108		All	3000	496241	
1130	350777		350777	1034					23 108		All	3200	496241	
1131	350777	807779	350777	1034					23 108		A1	3300	496241	
1132	350777		350777	1034	1	805462	1	805464	23 108		All	3000	496241	
1133	350776	807779	350776	1046					23 108		A1	3600	496241	
1134	350777		350777	1034	1	805462	1	805460	23 108 110		All	3600	496241	
1135	350777		350777	1034	1	805462	1	805460	23 108		All	3600	496241	
1136	350777		350777	1034	1	805462	1	805460	23 108		All	3600	496241	
1137	350777	692172	STD.						23 108		E1	3350		
1138	350777	692172	350777	1034	1	805462	1	805464	23 72 108		E1	3100	496241	
1139	350776	692172	350776	1046					23 108		E1	3600	496241	
1140	350777	692172	350777	1034	1	805462	1	805464	23 108		E1	3100	496241	
1141	350777	692172	350777	1034	1	805462	1	805460	23 108		E1	3600	496241	
1142	350777	692172	350777	1034	1	805462	1	805460	23 41 108		E1	3500	496241	

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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
1143	350777	692172	350777	1034	1	805462	1	805464	23 108		E1	3100	496241	
1144	350777	692172	350777	1034	1	805462	1	805460	23 61 108		E1	3600	496241	
1146	350772	808675	350777	1034	1	692172	1	808675	23 44 108 110	1146	E1	3800		
1147	350777	692172	350777	1034					23 108		E1	3350	496241	
1148	350777	692172	350777	1034	1	805462	1	805460	23 108		E1	3600	496241	
1149	350777	692172	350777	1034					23 108		E1	3300	496241	
1150	350777	692172	350777	1034					23 108		E1	3400	496241	
1151	350777	692172	350777	1034					23 108 110		E1	3600	496241	
1152	350777	692172	350777	1034					23 108		E1	3400	496241	
1153	350777	692172	350777	1034					23 108		E1	3300	496241	
1154	350777	692172	350777	1137					23		E1	3350		
1155	350777	692172	350777	1034					23 108		E1	3300	496241	
1156	350777	692172	350777	1034					23 108		E1	3300	496241	
1157	350777	692172	350777	1034					23 87 108		All	3000	496241	
1158	350777	692172	350777	1034					23 87 94 108		All	3600	496241	
1159	350777	692172	350777	1034					23 108		All	3600	496241	
1160	350777	692172	350777	1034					23 87 108		All	3100	496241	
1161	350777	692172	350777	1034					23 108		E1	3400	496241	
1162	350777	692172	350777	1034					23 87 108		All	3000	496241	
1163	350777	692172	350777	1034					23 108		All	3300	496241	
1164	350777	692172	350777	1034					23 87 94 108		All	3000	496241	
1165	350777	692172	350776	1046					23 41 90 108		All	3600	496241	
1166	350777	692172	350777	1034					23 90 108		All	3400	496241	

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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
1168	350777	692172	No Replacement Repair With Short Block and/or Individual Parts							All	3300	496241		
1169	350777	692172	No Replacement Repair With Short Block and/or Individual Parts							All	3300	496241		
1170	350777	809807	350777	1034					23 108		All	3300	496241	
1171	350777	809807	350777	1034					23 61 87 108		All	3600	496241	