

311700 to 311799

SERVICE ENGINE



SALES MANUAL

**MODEL 311700 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 68:** Transfer Flywheel and Alternator Assembly from original to replacement engine.
- NOTE 81:** Transfer Governor Spring to replacement engine.
- NOTE 88:** Transfer Muffler and/or Spark Arrester Assembly from the original engine if suitable for additional service or add new parts as required

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:

311700 to 311799

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
0005	311707	690136	31G707	0026					88		All	3300	697761	
0026	311707	690136	31G707	0026					23		All	3300	697761	
0028	311707	690136	31G707	0026					23		All	3300	697761	
0036	311777		31G777	0036					23		All	3300	697762	
0038	311777		31G777	0036					23		All	3300	697762	
0070	311777		31G777	0036					23		All	3300	697762	
0114	311707	690136	31G707	0026					23		All	3400	697761	
									68					
									88					
0115	311777		31G777	0036					88		All	3300	697762	
0116	311777	690136	31G777	0036					23		All	3250	697762	
									68					
									88					
0117	311777	690136	31G777	0036					23		All	3500	697762	
									68					
									88					
0118	311777	690136	31G777	0036					23		All	3000	697762	
0120	311777		31G777	0036					23		All	3300	697762	
									88					
0121	311707	690136	31G707	0026					23		All	3300	697761	
									88					
0125	311707	690136	31G707	0026					23		All	3300	697761	
									88					
0126	311777	690136	31G777	0036					23		All	3200	697762	
									88					
0131	311777		31G777	0036					23		All	3300	697762	
									41					
									88					

311700 to 311799

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
0132	311707	690136	31G707	0026					23 88		All	3300	697761	
0133	311777		31G777	0036					23 88		All	3300	697762	
0134	311777		31G777	0036					23 88		All	3300	697762	
0135	311777		31G777	0036					23 88		All	3200	697762	
0136	311777	690136	31G777	0036					23 88		All	3300	697762	
0137	311777		31G777	0036					23 88		All	3400	697762	
0138	311707	690136	31G707	0026					23 88		All	3200	697761	
0139	311777		31G777	0036					88		All	3600	697762	
0140	311777		31G777	0036					23 88		All	3600	697762	
0141	311777	694187	311777	0152					23 88		All	3750	694187	
0142	311777		31G777	0036					23 88		All	3300	697762	
0143	311777		31G777	0036					23 88		All	3300	697762	
0144	311777		31G777	0036					23 88		All	3300	697762	
0145	311707	690136	31G707	0026					23 88		All	3200	697761	
0146	311707	690136	31G707	0026					23 88		All	3400	697761	
0147	311777		31G777	0036					88		All	3200	697762	
0148	311777	690136	31G777	0036					23 41 88		All	3300	697762	
0149	311777	690136	31G777	0036					88		All	3200	697762	
0150	311707	690136	31G707	0026					23 88		All	3400	697761	
0151	311777	690136	31G777	0036					23 88		All	3200	697762	
0152	311777	694187	STD.								All	3750	694267	
0153	311777	690136	31G777	0036					23 88		All	3000	697762	
0154	311777	690136	31G777	0036					23 88		All	3250	697762	
0155	311777	690136	31G777	0036					23 88		All	3250	697762	
0156	311777	694187	311777	0152							All	3750	694267	
0157	311777	690136	31G777	0036					23 88		All	3300	697762	
0158	311777	690136	31G777	0036					23 88		All	3300	697762	
0159	311777	690136	31G777	0036					23 68 81 88		All	3000	697762	
0160	311777	690136	31G777	0036					23 88		All	3300	697762	
0162	311777	690136	31G777	0036					23 88		All	3300	697762	

311700 to 311799

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
0163	311777	690136	31G777	0036					23 88		All	3250	697762	
0164	311777	690136	31G777	0036					23 88		All	3300	697762	
0165	311777	690136	31G777	0036					23 88		All	3300	697762	
0166	311777	690136	31G777	0036					23 81 88		All	2700	697762	
0167	311777	690136	31G777	0036					23 81 88		All	2900	697762	
0209	311777	690136	31G777	0036					23 88		All	3300	697762	