

31F700 to 31F799

SERVICE ENGINE



SALES MANUAL

**MODEL 31F700 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 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
- NOTE 90:** Transfer Oil Sensor to the replacement engine.
- NOTE 97:** Transfer the Blower Housing , Rewind Assembly and related parts from the original engine to 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:

31F700 to 31F799

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	31F777	697516	31L777	0036					23 88		All	3400	697762	
0111	31F777	697516	31L777	0036					23 68 88		All	3400	697762	
0112	31F707	697127	31G707	0026					23 88		All	3350	697761	
0113	31F777	697127	31G777	0036					23 88		All	3350	697762	
0114	31F707	697127	31G707	0026					23 81 88		All	2950	697761	
0115	31F777	697516	31G777	0036					88 97		All	3500	697762	
0116	31F775	699106	31B775	0120					88		All	3750	699341	
0123	31F777	697127	31G777	0036					23 88		All	3300	697762	
0124	31F777	697516	31G777	0036					23 68 88		All	3400	697762	
0125	31F777	697516	31G777	0036					23 68 88		All	3400	697762	
0126	31F777	697127	31G777	0036					23 68 81 88 90		All	3600	697762	

31F700 to 31F799

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
0127	31F707	697127	31G707	0026					23 88		All	3350	697761	
0128	31F707	697127	31G707	0026					23 81 88		All	2840	697761	
0129	31F707	697127	31G707	0026					23 88		All	3350	697761	
0130	31F707	697127	31G707	0026					23 81 88		All	3000	697761	
0131	31F777	697127	31G777	0036					81		All	3600	697762	
0132	31F707		31G707	0026					23 88		All	3350	697761	
0161	31F777	697127	31G777	0036					68 88		All	3400	697762	
0162	31F777	697127	31G777	0036					68 88		All	3300	697762	
0183	31F777	697127	31G777	0036					88		All	3300	697762	
0284	31F777	697127	31G777	0036			1	790544	23 88		All	3300	697762	
0317	31F777	697127	31G777	0036			1	790544	23 81 88		All	2650	697762	
0318	31F777	697127	31G777	0036					23 88 90		All	3300	697762	
0403	31F777	697127	31G777	0036					23 88		All	3400	697762	