

31D700 to 31D799**SERVICE ENGINE****SALES MANUAL**

**MODEL 31D700 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 35: Transfer the Speed Limiter Control Assembly to the replacement engine.

NOTE 81: Transfer Governor Spring 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:

31D700 to 31D799

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
0035	31D777	697127	31Q777	0036							All	3300	697762	
0193	31D707	697127	31N707	0026							All	3300	697761	
0232	31D707	697127	31N707	0026							All	3300	697761	
0233	31D777	697127	31Q777	0036							All	3300	697762	
0235	31D777	697127	31Q777	0036							All	3300	697762	
0236	31D777	697127	31Q777	0036					81		All	2650	697762	
0419	31D707	697127	31N707	0026	1	691840			35 81		All	2500	697761	
0458	31D707	697127	31N707	0026							All	3300	697761	
0567	31D707	697127	31N707	0026	1	691840			35 81		All	2500	697761	
0601	31D707	697127	31N707	0026							All	3300	697761	