

**31P700 to 31P799**

**SERVICE ENGINE**



**SALES MANUAL**

**MODEL 31P700 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 35:** Transfer the Speed Limiter Control Assembly to the replacement engine.
- NOTE 64:** Transfer Alternator Assembly from original engine 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 114:** Transfer Regulator and Lead Wires 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:

**31P700 to 31P799**

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
0115	31P777	697127	31Q777	0036					81		All	3750	697762	
0116	31P777	697127	31Q777	0036					23 88		All	3300	697762	
0117	31P777		31Q777	0036					23 114		All	3350	697762	
0120	31P777	697127	31Q777	0036	1	691840			114		All	3500	697762	
0121	31P777	697127	31Q777	0036	1	691840			114		All	3500	697762	
0293	31P777	697127	31Q777	0036							All	3300	697762	
0296	31P777	697127	31Q777	0036							All	3300	697762	
0297	31P777	697127	31Q777	0036							All	3300	697762	
0299	31P777	697127	31Q777	0036							All	3300	697762	
0337	31P777	697127	31Q777	0036					35 81		All	2500	697762	
0348	31P777	697127	31Q777	0036							All	3300	697762	
0349	31P777	697127	31Q777	0036					114		All	3500	697762	
0366	31P777	697127	31Q777	0036							All	3300	697762	
0367	31P777	697516	STD.								All	3350	697762	
0371	31P777	697127	31Q777	0036					114		All	3300	697762	
0378	31P777	697127	31Q777	0036							All	3300	697762	
0379	31P777	697127	31Q777	0036					64		All	3300	697762	
0492	31P777	697127	31Q777	0036							All	3300	697762	
0565	31P777	697127	31Q777	0036	1	691840			35		All	2500	697762	
0581	31P777	697127	31Q777	0036							All	3300	697762	
0602	31P777	697127	31Q777	0036							All	3300	697762	