

**356700 to 356799****SERVICE ENGINE****SALES MANUAL**

**MODEL 356700 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 43:** Original engine was equipped with a Rotating Screen. These parts can be transferred to the replacement engine.

**NOTE 68:** Transfer Flywheel and Alternator Assembly from original to replacement engine.

**NOTE 87:** Transfer Main and Idler Governor Springs.

**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.

**NOTE 107:** Transfer the Main Governor Spring to the 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.

**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:

**356700 to 356799**

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	356777	809807	STD.								All	3300	496241	
0046	356776	809807	STD.								All	3600	496241	
0110	356777		356777	0034					68 90 107		All	2800	496241	
0113	356777		356777	0034					23 90		All	3400	496241	
0114	356777		356777	0034					87 107		All	3600	496241	
0115	356777		356777	0034					68 90 97 107		All	3650	496241	
0116	356777	809807	356777	0034					97 107		All	3600	496241	
0117	356777	809807	No Replacement Repair With Short Block and/or Individual Parts								All	3300	496241	
0118	356777	809807	356777	0034							All	3300	496241	
0119	356777	809807	No Replacement Repair With Short Block and/or Individual Parts								All	3300	496241	
0120	356777	809807	356777	0034					43 107		All	3000	496241	
0121	356777	809807	356777	0034					43 107		All	3600	496241	
0130	356777	809807	No Replacement Repair With Short Block and/or Individual Parts								All	3600	496241	
1137	356777	809807	STD.						108		All	3350		