

**28P700 to 28P799**

**SERVICE ENGINE**  **SALES MANUAL**

**MODEL 28P700 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 32:** If the replacement engine supersedes to or is a Model 280000 series engine, refer to the illustrations located after the conversion data for this model series. The overall dimensions which differ, are shown in the illustrations. If after making a visual inspection and it is determined the Model 280000 series engine cannot be used because of equipment interference, the original engine should be repaired with a short block and/or individual parts.
- NOTE 64:** Transfer Alternator Assembly from original engine to replacement engine.
- NOTE 68:** Transfer Flywheel and Alternator Assembly from original 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:

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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
0026	28P777	495162	28CH77	0036					32 88		All	3300	697762	
0110	28P777	495162	28CH77	0036					32 88		All	3300	697762	
0115	28P777	495162	28CH77	0036					32 88		All	3300	697762	
0134	28P777	495162	28CH77	0036					32 88		All	3300	697762	
0140	28P777	495162	28CH77	0036					32 68 88		All	3500	697762	
0163	28P777	495162	28CH77	0036					32 88		All	3300	697762	
0526	28P777	495162	28CH77	0036					32 88		All	3300	697762	
0530	28P777		28CH77	0036					23 32 64 88		All	3300	697762	
0536	28P777	495162	28CH77	0036					32 88		All	3400	697762	
0610	28P777	495162	28CH77	0036					32 88		All	3300	697762	
0615	28P777	495162	28CH77	0036					32 88		All	3300	697762	
0626	28P777	495162	28CH77	0036					32 88		All	3300	697762	

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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	
0627	28P777	495162	28CH77	0036					32 68 88		All	3500	697762		
0634	28P777	495162	28CH77	0036					32 88		All	3300	697762		
0635	28P777	495162	28CH77	0036					32 64 88		All	3600	697762		
0640	28P777	495162	28CH77	0036					32 68		All	3500	697762		
0641	28P777		No Replacement Repair With Individual Parts.										All	3400	
0642	28P777	495162	28CH77	0036					32 88		All	3250	697762		
0643	28P777	495162	28CH77	0036					32 88		All	3200	697762		
0644	28P777		28CH77	0036					23 32 88		All	3250	697762		
0645	28P777	495162	28CH77	0036					32 88		All	3400	697762		
0646	28P777		28CH77	0036					23 32 88		All	3600	697762		
0647	28P777		28CH77	0036					32 88		All	3250	697762		
0648	28P777		28CH77	0036					32 68 88		All	3300	697762		
0649	28P777		28CH77	0036					32 64 88		All	3300	697762		
0658	28P777		28CH77	0036					32 88		All	3400	697762		

**MODEL 28P700**

**MODEL 280000**

