

28S700 to 28S799

SERVICE ENGINE



SALES MANUAL

**MODEL 28S700 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 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	
1111	28S777		28CH77	0036					23 32 88		All	3000	697762		
1141	28S777		28CH77	0036					23 32 88		All	3300	697762		
1142	28S777		No Replacement Repair With Individual Parts.									All	3300		
1144	28S777		28CH77	0036					23 32 88		All	3600	697762		
1148	28S777		28CH77	0036					23 32 88		All	3400	697762		
1149	28S707		285H07	0026					23 32 88		All	3400	697761		
1150	28S707		285H07	0026					23 32 88		All	3400	697761		
1151	28S777		28CH77	0036					23 32 88		All	3250	697762		
1152	28S777		28CH77	0036					23 32 88		All	3300	697762		