

28D700 to 28D799

SERVICE ENGINE



SALES MANUAL

**MODEL 28D700 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 33:** If the replacement engine supersedes to or is a Model 210000 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 210000 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.

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:

- NOTE R:** Cut off 1-7/16" on Flywheel end of Crankshaft.

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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	
0025	28D707	495162	217907	0025					33		All	3300	496606	R	
0027	28D707	496784	No Replacement Repair With Individual Parts.									All	3200		
0028	28D707	495162	21B907	0028					33		All	3600	496606		
0116	28D707	495162	217907	0025					33		All	3400	496606	R	
0117	28D707	495162	21B907	0028					33		All	3600	496606		
0118	28D707	495162	217907	0028					33		All	3600	496606	R	
0123	28D707	495162	217907	0025					33		All	3300	496606	R	
0124	28D707	495162	217907	0025					23		All	3300	496606	R	
									33						
0125	28D707	495162	217907	0028					23		All	3600	496606	R	
									33						
0130	28D707	495162	217907	0025					33		All	3200	496606	R	
0131	28D707	495162	217907	0028					33		All	3600	496606	R	
0132	28D707	495162	21B907	0028					33		All	3250	496606		
0133	28D707	495162	217907	0025					33		All	3500	496606	R	
0134	28D707	495162	21B907	0028					33		All	3600	496606		
0135	28D707	495162	217907	0028					33		All	3100	496606	R	
0136	28D707	495162	217907	0028					33		All	3600	496606	R	
0137	28D707	495162	217907	0025					33		All	3400	496606	R	
0138	28D707	495162	21B907	0028					33		All	3600	496606	R	
0139	28D707	495162	21B907	0028					33		All	3600	496606		
0140	28D707	495162	217907	0025					33		All	3100	496606	R	
0145	28D707	495162	217907	0025					33		All	3100	496606	R	
0191	28D707	495162	217907	0025					33		All	3300	496606	R	
0192	28D707	495162	217907	0025					33		All	3300	496606	R	
0643	28D707	495162	217907	0025					33		All	3300	496606	R	
1025	28D707	495162	217907	0025					23		All	3300	496606	R	
									33						

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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
1123	28D707	495162	217907	0025					23 33		All	3300	496606	R
1125	28D707	495162	217907	0028					23 33		All	3600	496606	R
1126	28D707	495162	217907	0028					23 33		All	3600	496606	R
1127	28D707	495162	217907	0028					23 33		All	3600	496606	R
1134	28D707	495162	217907	0025					23 33		All	3600	496606	R
1135	28D707	495162	217907	0025					23 33		All	3100	496606	R
1137	28D707	495162	217907	0025					23 33		All	3400	496606	R
1141	28D707		217907	0025					23 33		All	3600	496606	R
1142	28D702		217902	0020					33		All	3600	496606	
1143	28D707		21B907	0028					23 33		All	3600	496606	
1146	28D707	495162	217907	0025					23 33 64		All	3300	496606	R
1147	28D707	495162	217907	0025					23 33 64		All	3300	496606	R
1148	28D707	495162	217907	0028					23 33		All	3600	496606	R
1149	28D707		217907	0028					23 33		All	3600	496606	R