

289700 to 289799**SERVICE ENGINE****SALES MANUAL****MODEL 289700 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.

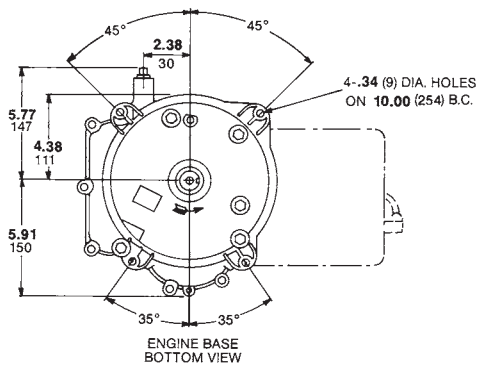
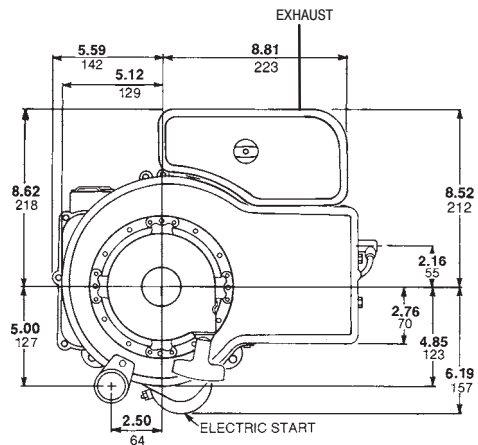
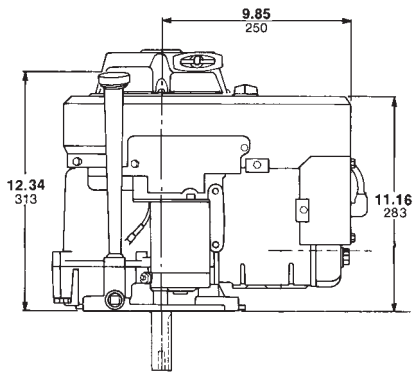
289700 to 289799

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
0101	289707	490466	21B907	0026					33		All	3300	496606	R
0103	289707	495162	21B907	0026					33		All	3300	496606	R
0113	289707	495162	21B907	0026					33		All	3300	496606	R
0114	289707	495162	21B907	0026					33		All	3300	496606	R
0115	289707	495162	21B907	0028					33		All	3250	496606	
0116	289707	495162	21B907	0026					33		All	3600	496606	R
0117	289707	495162	21B907	0026					33		All	3100	496606	R
0120	289707	495162	21B907	0026					33		All	2900	496606	R
0121	289707	495162	21B907	0026					33		All	3300	496606	R
0130	289707	495162	21B907	0026					33		All	3300	496606	R
0150	289707	495162	No Replacement Repair With Short Block and/or Individual Parts								All	3400	496606	R
0154	289707	495162	21B907	0026					33		All	3300	496606	R
0168	289707	495162	21B907	0026					33		All	3300	496606	R
0169	289707	495162	21B907	0026					33		All	3600	496606	R
0170	289707	495162	21B907	0026					33		All	3600	496606	R
0171	289707	495162	21B907	0026					33		All	3500	496606	R
0179	289707	495162	21B907	0026					33		All	3300	496606	R
0186	289707	495162	21B907	0026					33		All	3300	496606	R
0615	289707	495162	21B907	0026					33		All	3300	496606	R
0654	289707	495162	21B907	0026					33		All	3300	496606	R
0686	289707	495162	21B907	0026					33		All	3300	496606	R
0689	289707	495162	21B907	0026					33		All	3300	496606	R
1110	289707	693944	21B907	0026					23 33		All	2600	496606	R
1119	289707	495162	21B907	0026					23 33 64		All	3300	496606	R

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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
1150	289707	495162	21B907	0026					23 33 64		All	3300	496606	R
1151	289702	495162	21B902	0015					33		All	3600	496606	
1154	289707	495162	21B907	0026					23 33		All	3300	496606	R
1155	289707	495162	21B907	0026					23 33		All	3300	496606	R
1171	289707	495162	21B907	0026					23 33		All	3100	496606	R
1179	289707	495162	21B907	0026					23 33		All	3300	496606	R
1186	289707	495162	21B907	0026					23 33		All	3300	496606	R
1200	289707	495162	21B907	0026					23 33 64		All	3300	496606	R
1201	289707	495162	21B907	0028					23 33		All	3600	496606	R
1202	289707	693944	21B907	0028					23 33		All	3600	496606	
1203	289707	495162	21B907	0028					23 33		All	3600	496606	R
1204	289707	495162	21B907	0028					33		All	3400	496606	R

MODEL 289700



MODEL 210000

