

287700 to 287799**SERVICE ENGINE****SALES MANUAL****MODEL 287700 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 67: Transfer Blower Housing and Rotating Screen Group to replacement engine.

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

NOTE 77: Transfer Fuel Pump and related parts from original engine to replacement engine.

NOTE 81: Transfer Governor Spring 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

NOTE 97: Transfer the Blower Housing, Rewind Assembly and related parts from the 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:

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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	287707	495162	285H07	0026					32		All	3300	496050	
0101	287707	495162	285H07	0026					32		All	3300	496050	
0111	287707	495162	285H07	0026					32		All	3300	496050	
0112	287707	495162	285H07	0026					32		All	3300	496050	
0113	287707	495162	285H07	0026					32		All	3300	496050	
									68					
0114	287707	495162	285H07	0026					32		All	3300	496050	
0115	287707	495162	285H07	0026					32		All	3300	496050	
0116	287707	495162	285H07	0026					32		All	3300	496050	
									88					
0117	287707	495162	285H07	0026					32		All	3400	496050	
0119	287707	495162	285H07	0026					32		All	3100	496050	
0120	287707	495162	285H07	0026					32		All	3300	496050	
									64					
									88					
0121	287707	495162	285H07	0026					32		All	3600	496050	
									64					
									88					
0122	287707	495162	No Replacement Repair With Short Block and/or Individual Parts								All	3500	496050	
0153	287707	495162	285H07	0026					32		All	3300	496050	
0156	287707	495162	285H07	0026					32		All	3300	496050	
									64					

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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
0160	287707	495162	285H07	0026					32 64 88		All	3600	496050	
0210	287707	495162	285H07	0026					32 64 88		All	3300	496050	
0211	287707	495162	285H07	0026					32 88		All	3300	496050	
0212	287707	495162	285H07	0026					32		All	3300	496050	
0213	287707	495162	285H07	0026					32 88		All	3100	496050	
0214	287707	495162	285H07	0026					32 64 88		All	3600	496050	
0215	287707	495162	285H07	0026					32 64 88		All	3300	496050	
0216	287707	495162	285H07	0026					32 88		All	3300	496050	
0220	287707	495162	285H07	0026					32 88		All	3300	496050	
0224	287707	495162	280H07	0036					23 32 88		All	3300	496050	
0225	287707	495162	285H07	0026					32 88		All	3400	496050	
0227	287707	495162	285H07	0026					32 88		All	3300	496050	
0228	287707	495162	285H07	0026					32 88		All	3100	496050	
0229	287707	495162	285H07	0026					32 88		All	2900	496050	
0230	287707	495162	285H07	0026					32		All	3300	496050	
0231	287707	495162	285H07	0026					32		All	2850	496050	
0232	287707	495162	285H07	0026					32 88		All	3300	496050	
0233	287707	495162	285H07	0026					32 88		All	3300	496050	
0234	287707	495162	285H07	0026					32		All	2750	496050	
0235	287707	495162	No Replacement Repair With Short Block and/or Individual Parts								All	3500	496050	
0246	287707	495162	285H07	0026					32 88		All	3300	496050	
0247	287707	495162	285H07	0026					32 64 88		All	3500	496050	
0249	287707	495162	280H07	0005					32 88		All	3500	496050	
0255	287707	495162	285H07	0026					32 88		All	3300	496050	
0256	287777	495162	28CH77	0036					32 88		All	3300	697762	
0267	287777	495162	28CH77	0036					32 88		All	3300	697762	
0272	287707	495162	285H07	0026					32 88		All	3400	496050	
0622	287707	495162	No Replacement Repair With Short Block and/or Individual Parts								All	3400	496050	
0625	287707	495162	No Replacement Repair With Short Block and/or Individual Parts								All	3400	496050	

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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
0634	287707	495162	285H07	0026					32 88		All	3300	496050	
0644	287707	495162	285H07	0026					32 88		All	3300	496050	
0648	287707	495162	285H07	0026					32 88		All	3500	496050	
0656	287777	495162	28CH77	0036					32 88		All	3300	697762	
1005	287707	495162	No Replacement Repair With Short Block and/or Individual Parts								All	3300	496050	
1006	287777		No Replacement Repair With Short Block and/or Individual Parts								All	3300	697762	
1026	287707	495162	280H07	0036					23 32 88		All	3300	496050	
1036	287707	495162	280H07	0036					23 32 88		All	3300	496050	
1201	287707	693944	285H07	0026					23 32 88		All	3300	496050	
1210	287707		285H07	0026					23 32 88		All	3300	496050	
1224	287707	495162	285H07	0026					23 32 88		All	3300	496050	
1225	287707	495162	No Replacement Repair With Short Block and/or Individual Parts								All	3400	496050	
1228	287707	495162	No Replacement Repair With Short Block and/or Individual Parts								All	3100	496050	
1229	287707	495162	No Replacement Repair With Short Block and/or Individual Parts								All	2900	496050	
1230	287707	693944	285H07	0026					23 32 88		All	3600	496050	
1231	287707	693944	285H07	0026					23 32 88		All	3600	496050	
1232	287707	693944	285H07	0026					23 32 81 88		All	2900	496050	
1235	287707	495162	280H07	0005					23 32 88		All	3500	496050	
1236	287707	495162	No Replacement Repair With Short Block and/or Individual Parts								All	3400	496050	
1237	287776	693944	No Replacement Repair With Short Block and/or Individual Parts								All	3300	697762	
1238	287707	693944	285H07	0026					32 64 88		All	2800	496050	
1239	287707	693944	285H07	0026					88		All	3000	496050	
1240	287707	693944	No Replacement Repair With Short Block and/or Individual Parts								All	3600	496050	
1241	287707	693944	285H07	0026					23 32 88		All	3000	496050	
1249	287707	495162	No Replacement Repair With Short Block and/or Individual Parts								All	3100	496050	
1250	287707	495162	No Replacement Repair With Short Block and/or Individual Parts								All	3500	496050	
1255	287707	495162	285H07	0026					23 32 88		All	3300	496050	
1256	287777		28CH77	0036					32 88		All	3300	697762	
1257	287707	495162	No Replacement Repair With Short Block and/or Individual Parts								All	3500	496050	

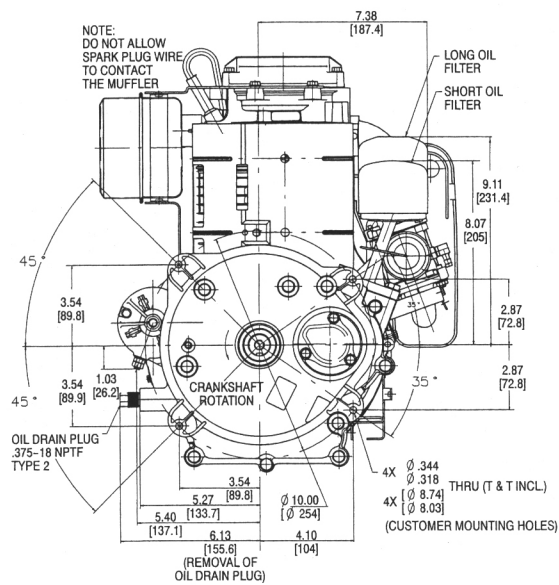
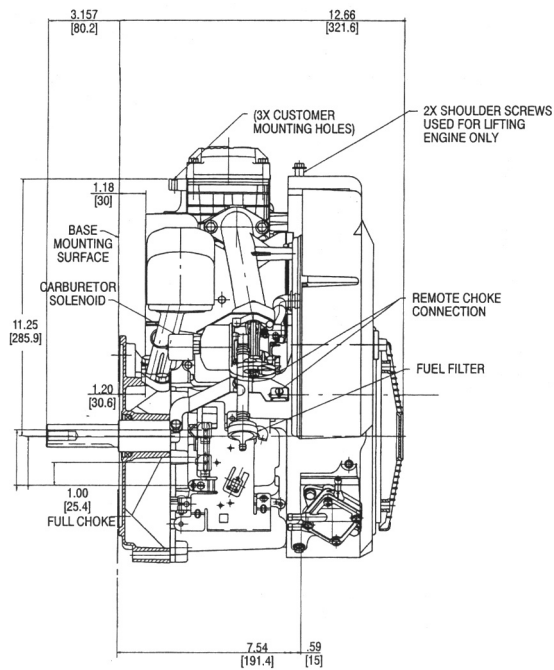
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Original Engine			Make From		Remove		Add		Note	Change to Type	Trim	RPM	Short Block	
Type	Model	Crank	Model	Type #	Qty	Part #	Qty	Part #					Part #	Notes
1258	287707	495162	285H07	0026					32 64 77 88		All	3300	496050	
1259	287707	693944	285H07	0026					23 32 88		All	3300	496050	
1260	287707	693944	280H07	0036					23 32 88		All	3400	496050	
1261	287707	693944	No Replacement Repair With Short Block and/or Individual Parts								All	2900	496050	
1263	287707	693944	280H07	0036					23 32 88		All	3400	496050	
1264	287777	693944	28CH77	0036					23 32 88		All	3300	697762	
1272	287707	495162	280H07	0036					23 32 88		All	3400	496050	
1273	287707	495162	285H07	0026					23 32 64 88		All	3400	496050	
1274	287707	495162	285H07	0026					23 32 88		All	3300	496050	
1276	287777		28CH77	0036					23 32 88		All	3300	697762	
1277	287707	495162	285H07	0026					23 32 64 88		All	3300	496050	
1278	287777		28CH77	0036					23 32 88		All	3300	697762	
1279	287707		285H07	0026					23 32 64 88		All	3400	496050	
1281	287707		280H07	0005					23 32 88		All	3300	496050	
1283	287777	693944	28CH77	0036					23 32 88		All	3300	697762	
1284	287777	693944	28CH77	0036					23 32 88		All	3300	697762	
1285	287777	693944	28CH77	0036					23 32 88		All	3300	697762	
1286	287707	693944	285H07	0026					23 32 81 88		All	2600	496050	
1287	287777	693944	28CH77	0036					23 81 88		All	2600	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
1288	287707	693944	285H07	0026					23 32 88		All	3300	496050	
1290	287707	693944	285H07	0026					23 32 64 88		All	3300	496050	

MODEL 287700



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