

320400 to 320499

SERVICE ENGINE



SALES MANUAL

**MODEL 320400 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 39:** Original engine used special PTO Shaft Extension on Flywheel side. Transfer Shaft Extension #230950, Screen #222044 and Fan/Pulley #211739 from original engine, or add as new parts.
- NOTE 50:** Replacement engine is not available in the U. S. A. Repair with individual parts.
- NOTE 53:** Reverse Engine Base.
- NOTE 65:** Transfer base from original engine, or add 391165 base as a new part.
- NOTE 84:** Transfer Intake Elbow and Governor Link from original engine, or add #211419 Intake Elbow and #26725 Governor Link.

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
0020	320421	261218	326431	2520					50		01	3750	393870	
0023	320424	261218	326437	2528					50		01	3750	393870	
0027	320427	261218	326437	2527					50		01	3750	393870	
0111	320421	261218	326431	2520					50		01	2900	393870	
0115	320427	261218	326437	2527					50		01	2900	393870	
											02	2900		
0117	320421	261218	326431	2520					50		All	2900	393870	
0119	320427	261218	326437	2527					50		01	3750	393870	
0120	320427	261218	326437	2527	1	391065	1	391070	39		01	3600	393870	
									50					
									53					
0121	320427	261218	326437	2527	1	391065	1	391070	39		01	3600	393870	
									50					
									1					
									66538					
0122	320424	261218	326437	2527	1	391065	1	391070	50		01	3400	393870	
									65		02	3400		
0123	320427	261218	326437	2527	1	291404	1	298398	50		01	3750	393870	
									53					
									1					
									391065					
									1					
									391070					
									39		01	3300	393870	
									50					
									53					
0124	320421	261218	326431	2520					50		01	2900	393870	
									53					
0125	320421	261218	326431	2520					50		01	2900	393870	
0126	320427	261218	326437	2527					50		01	2900	393870	
0127	320424	261218	326437	2527	1	391065	1	391070	39		01	3300	393870	
									50					
									53					
0128	320421	261218	326431	2520					50		01	2900	393870	

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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	
0129	320427	261218	326437	2527					50 53		01	3400	393870		
0130	320424	261218	326437	2528	1	391065	1	391070	50		01	3600	393870		
0131	320427	260999	No Replacement Repair With Individual Parts.									01	3500		
0132	320421	261218	No Replacement Repair With Individual Parts.									All	3600	393870	
0133	320424	261218	326437	2528					50		01	2900	393870		
											02	2900			
0134	320421	261218	No Replacement Repair With Individual Parts.									01	3750	393870	
											02	3750			
0135	320424	261218	326437	2528	1	391065	1	391070	39 50		01	3600	393870		
											02	3600			
0136	320421	261218	326431	2520				1 299361	50		01	3600	393870		
0137	320424	261218	326437	2528				1 299361	50		01	3600	393870		
0138	320424	261218	326437	2528				1 299361	50		01	3600	393870		
0139	320421	260999	No Replacement Repair With Individual Parts.									01	3500		
0140	320424	260999	No Replacement Repair With Individual Parts.									01	3500		
0141	320421	261110	No Replacement Repair With Individual Parts.									01	3500		
0142	320424	261110	No Replacement Repair With Individual Parts.									01	3500		
0143	320427	261218	326437	2527	1	391065	1	391070	39 50 53		01	3500	393870		
0144	320424	261218	326437	2528	1	391065	1	391070	50		01	3500	393870		
0145	320424	261218	326437	2528					50		01	3750	393870		
0146	320424	261218	326437	2528					50		01	3750	393870		
0147	320427	261218	326437	2527	1	391065	1	391070	39 50 53		01	3500	393870		
0148	320421	261218	326431	2520	1	391065	1	391070	39 50		01	3600	393870		
0149	320424	261218	326437	2528	1	391065	1	391070	50		01	3750	393870		
0150	320427	261218	326437	2527					39 50		01	2900	393870		
0151	320421	261218	No Replacement Repair With Individual Parts.									01	3600	393870	
											02	3600			
0152	320424	261218	326437	2527					50		01	2900	393870		
0153	320425	261218	326437	2527					50 53		01	3400	393870		
0154	320427	261218	No Replacement Repair With Individual Parts.									01	3600	393870	
0155	320424	261218	326437	2528					50		01	3600	393870		