

325400 to 325499

SERVICE ENGINE  **SALES MANUAL**

**MODEL 325400 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 49:** Replacement engine is equipped with Electric Starter. However, if original Electric Starter parts are suitable for additional service, the parts can be transferred to Rope Starter Model 326431 Type 2520.
- NOTE 50:** Replacement engine is not available in the U. S. A. Repair with individual parts.
- NOTE 53:** Reverse Engine Base.
- NOTE 58:** The original engine was equipped for or with a 12 Volt Starter Generator. Transfer Starter parts to replacement engine.
- NOTE 65:** Transfer base from original engine, or add 391165 base as a new part.
- NOTE 77:** Transfer Fuel Pump and related parts 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:

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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	325431	261218	326431	2520					50		01	3750	393870	
0021	325431	261219	326431	2520	1	261218	1	261219	50		01	2900		
					1	391062	1	291710						
0022	325431	261245	326431	2520	1	261218	1	261245	50		01	3700		
					1	391062	1	291710						
0023	325434	261218	326437	2528					50		01	3750	393870	
0027	325437	261218	326437	2527					50		01	3750	393870	
0050	325431	261223	326431	2550					50		01	3750		
0111	325431	261218	326431	2520					50		01	2900	393870	
0112	325431	261219	326431	2520	1	261218	1	261219	50		01	2900		
					1	299609	1	291675						
0113	325431	261225	326431	2520	1	261218	1	261225	50		01	2900		
					1	299609	1	291675						
0114	325431	261245	326431	2520	1	261218	1	261245	50		01	2900		
					1	299609	1	291675						
0115	325437	261218	326437	2527					50		01	2900	393870	
0117	325431	261218	326431	2520					50		All	2900	393870	
0118	325434	261218	326437	2528					50		01	2900	393870	
0120	325431	261218	326431	2520					50		01	2900	393870	
0121	325431	261218	326431	2520	1	391065	1	391068	50		01	2900	393870	
									65					
									77					

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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	
0123	325437	261218	326437	2527					50 65		01	2900	393870		
0125	325431	261220	326431	2582					50		01	3750			
0126	325431	261220	326431	2582					50		01 02	3750 3750			
0127	325435	261218	326437	2527					50 53		01	3400	393870		
0128	325431	261218	326431	2520			1	221976	50		01	2900	393870		
							1	299907			02	2900			
0129	325434	261218	326431	2520	1	391065	1	391068	50 58 65		01 02	3400 3400	393870		
0130	325431	261218	326431	2520					50		01	2900	393870		
0131	325431	261218	326431	2520					50		01	2900	393870		
0132	325431	261218	326431	2520			1	299361	50		01	3600	393870		
0133	325434	261218	326437	2528			1	299361	50		01	3600	393870		
0134	325431	261219	326431	2520	1	261218	1	261219	50		01	2900			
					1	391062	1	291710							
0135	325431	261245	326431	2520	1	261218	1	261245	50		01	2900			
					1	391062	1	291710							
0136	325431	261223	326431	2550					50		01	2900			
0137	325431	261221	326431	2520	1	261218	1	261221	39 50 53 58		01	3500			
					1	391065	1	391070							
0138	325437	261222	No Replacement Repair With Individual Parts.							50		01	3500		
0139	325431	261218	No Replacement Repair With Individual Parts.							50		All	3600		
0140	325431	261218	326431	2520					50		01	3750	393870		
0141	325435	261218	326437	2527					50		01	3750	393870		
0144	325437	261218	326437	2527					39 50		01	2900	393870		
0145	325431	261110	326431	2520	1	261218	1	261110	39 50 53 58		01	3500			
					1	391065	1	391070							
0146	325437	261218	326437	2527	1	391065	1	391070	39 50 53		01	3500	393870		
0147	325431	261218	326431	2520					50		01	2900	393870		
0148	325431	261218	326431	2520	1	298975	1	391116	50		All	2900	393870		
0149	325431	261221	No Replacement Repair With Individual Parts.									01 02	3500 3500		
0150	325431	261222	No Replacement Repair With Individual Parts.									01 02	3500 3500		
0151	325431	261218	326431	2520					50 53		01	2900	393870		
0152	325431	261218	326431	2520	1	391065	1	391070	39 50 53		01	3600	393870		
0153	325437	261223	326437	2527	1	261218	1	261223	50		01	2900			
0154	325437	261223	326437	2527	1	261218	1	261223	50		01	2900			
0155	325434	261223	326437	2528	1	261218	1	261223	49 50		01	2900			
					1	299609	1	291675							
0156	325431	261222	326431	2520	1	261218	1	261222	39 50 58		01	3500			
					1	391065	1	391070							
0157	325431	261221	No Replacement Repair With Individual Parts.									01	3500		

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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
0158	325434	261218	326437	2528	1	391065	1	391070	39 49 50 65		01	3750	393870	
0159	325434	261218	326437	2528					39 49 50		01	3750	393870	
0160	325434	261218	326437	2528					39 49 50		01	2900	393870	
0161	325434	261218	326437	2528					49 50		01	3600	393870	