

301400 to 301499

SERVICE ENGINE



SALES MANUAL

**MODEL 301400 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 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 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	301431	261218	326431	2520					50		All	3750	393870	
0021	301431	261219	326431	2520	1	261218	1	261219	50		01	2900		
					1	391062	1	291710						
0022	301431	261245	326431	2520	1	261218	1	261163	50		01	3700		
					1	391062	1	291710						
0023	301434	261218	326437	2528					50		01	3750	393870	
0111	301431	261218	326431	2520					50		01	2900	393870	
											02	2900		
0112	301431	261219	326431	2520	1	261218	1	261219	50		01	2900		
					1	299609	1	291675						
0113	301431	261225	326431	2550					50		01	2900		
0114	301431	261245	326431	2520	1	261218	1	261245	50		01	2900		
					1	299609	1	291675						
0117	301431	261218	326431	2520					50		All	2900	393870	
0118	301434	261218	326431	2520					50		All	2900	393870	
									58					
0120	301431	261218	326437	2528					50		01	2900	393870	
0125	301431	261218	326431	2520	1	220197	1	221976	50		01	2900	393870	
								1 299907						
0126	301431	261218	326431	2520					50		01	2900	393870	
0127	301431	261218	326431	2520					50		01	2900	393870	
0128	301431	261219	326431	2520	1	261218	1	261219	50		01	2900		
					1	391062	1	291710						
0129	301431	261245	326431	2520	1	261218	1	261245	50		01	2900		
					1	391062	1	291710						
0130	301434	261218	326437	2528					50		01	3400	393870	
									65					

301400 to 301499

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	
0131	301431	261220	326431	2582					50		01	3750			
0132	301431	261218	326431	2520					50		01	3750	393870		
0133	301431	261218	326431	2520	1	220197	1	221976	50		01	2900	393870		
								1 299907							
0134	301434	261218	326437	2528					50		01	2900	393870		
0135	301431	261218	326431	2520	1	391065	1	390927	50		01	2900	393870		
									53						
									84						
0136	301431	261223	326431	2550					50		01	2900			
0137	301431	261218	326431	2520	1	298975	1	391116	50		All	2900	393870		
0138	301431	261218	326431	2520					50		01	2900	393870		
0140	301431	261221	No Replacement Repair With Individual Parts.									01	3500		