

404400 to 404499**SERVICE ENGINE****SALES MANUAL**
**MODEL 404400 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:**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:

404400 to 404499

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	
0100	404437	393823	No Replacement Repair With Individual Parts.									01	3600		
0102	404437	393823	No Replacement Repair With Individual Parts.									01	3600		
0103	404437	393823	No Replacement Repair With Individual Parts.									01	3600		
0104	404437	393823	No Replacement Repair With Individual Parts.									01	3600		
0109	404417	393823	No Replacement Repair With Individual Parts.									01	3600		
0110	404437	393823	No Replacement Repair With Individual Parts.									01	3400		
0111	404437	393823	No Replacement Repair With Individual Parts.									01	3400		
0112	404437	393823	No Replacement Repair With Individual Parts.									01	3400		
0113	404437	393823	No Replacement Repair With Individual Parts.									01	3400		
0114	404437	393823	No Replacement Repair With Individual Parts.									01	4200		
0115	404437	393823	No Replacement Repair With Individual Parts.									01	3400		
0116	404437	393823	No Replacement Repair With Individual Parts.									01	3400		
0117	404437	393823	No Replacement Repair With Individual Parts.												
0118	404437	393823	No Replacement Repair With Individual Parts.												
1205	404437	393823	No Replacement Repair With Individual Parts.									01	3400		
1206	404437	393823	No Replacement Repair With Individual Parts.									01	3400		
1207	404437	393823	No Replacement Repair With Individual Parts.									01	3400		
1208	404437	393823	No Replacement Repair With Individual Parts.									01	3400		
1209	404437	393823	No Replacement Repair With Individual Parts.									01	3400		
1210	404437	393823	No Replacement Repair With Individual Parts.									01	3400		
1211	404447	492227	No Replacement Repair With Individual Parts.									01	3400		
4002	404447	492227	No Replacement Repair With Individual Parts.									01	3400		
4005	404447	492227	No Replacement Repair With Individual Parts.									01	3400		