

400400 to 400499

SERVICE ENGINE  **SALES MANUAL**

**MODEL 400400 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:

400400 to 400499

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
0015	400437	393823	No Replacement		Repair With Individual Parts.						All	3400		
0016	400437	393823	No Replacement		Repair With Individual Parts.						All	3400		
0111	400437	393823	No Replacement		Repair With Individual Parts.						01	3600		
0112	400437	393823	No Replacement		Repair With Individual Parts.						01	3600		
0113	400437	393823	No Replacement		Repair With Individual Parts.						01	3600		
0119	400417	399899	No Replacement		Repair With Individual Parts.						01	3600		
0120	400437	393823	No Replacement		Repair With Individual Parts.						01	3600		
0121	400437	393823	No Replacement		Repair With Individual Parts.						01	3600		
0122	400437	393823	No Replacement		Repair With Individual Parts.						01	3600		
1205	400437	393823	No Replacement		Repair With Individual Parts.						01	3600		
1206	400447	492227	No Replacement		Repair With Individual Parts.						01	3600		
1207	400447	492227	No Replacement		Repair With Individual Parts.						01	3400		
4002	400447	492227	No Replacement		Repair With Individual Parts.						01	3400		
4015	400437	393823	No Replacement		Repair With Individual Parts.						All	3400		
4016	400437	393823	No Replacement		Repair With Individual Parts.						All	3400		