

**123800 to 123899**

**SERVICE ENGINE**



**SALES MANUAL**

**MODEL 123800 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 51:** Replacement engine listed is not available in the State of California. Repair with individual parts.
- NOTE 73:** Transfer Flywheel Assembly to the replacement engine.
- NOTE 88:** Transfer Muffler and/or Spark Arrester Assembly from the original engine if suitable for additional service or add new parts as required

**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:

- NOTE UU:** Change Drive Shaft in Short Block. Add 231748.

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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
0106	123802	493282	122K02	0525							All	3000	498829	
0206	123802	493282	122K02	0525							All	3000	498829	
0207	123802	493282	122K02	0525					88		All	3000	498829	
0208	123802	493362	122K02	0515							All	3000	498826	
0209	123802	493363	122K02	0516							All	3000	498827	
0210	123802	493946	12F802	2926					51		All	3000	498830	
0211	123882	493362	122K82	0051	1	690522	1	691778	88		All	3000	498833	
0212	123887	493362	No Replacement Repair With Short Block and/or Individual Parts								All	3000	498833	
0213	123887	493362	No Replacement Repair With Short Block and/or Individual Parts								All	3100	498833	
0214	123802	493946	12F802	2926					51 88		All	3000	498830	
0215	123802	493362	122K02	0515							All	3000	498826	
0216	123802	493363	122K02	0516					88		All	3000	498827	
0217	123807	493946	No Replacement Repair With Short Block and/or Individual Parts								All	3000	498830	
0218	123807	493362	No Replacement Repair With Short Block and/or Individual Parts								All	3000	498826	
0219	123882	493362	122K82	0051	1	690522	1	691778	88		All	3000	498833	
0220	123802	493363	122K02	0516					73		All	3000	498826	
0221	123887	493362	No Replacement Repair With Short Block and/or Individual Parts								All	3000	498833	
0222	123802	493282	122K02	0525	1	690319	1	691851			All	3300	498829	
0223	123802	493282	122K02	0525					88		All	3000	498829	
0224	123802	493282	122K02	0525					88		All	3000	498829	
0225	123807	493946	No Replacement Repair With Short Block and/or Individual Parts								All	3000	498830	
0226	123807	493282	No Replacement Repair With Short Block and/or Individual Parts								All	3200	498829	
0227	123807	493282	No Replacement Repair With Short Block and/or Individual Parts								All	3200	498829	
0228	123802	493362	122K02	0515	1	690319	1	691851			All	3300	498826	
0229	123802	493362	122K02	0515							All	3000	498826	
0230	123882	493282	122K82	0051	1	691451	1	691450			All	3000	498833	UU
0263	123802	493282	122K02	0525							All	3000	498829	
0264	123803	493946	12F802	2926					51		All	3000	498830	

123800 to 123899

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	
0265	123802	493362	122K02	0515					88		All	3000	498826		
0266	123802	493363	122K02	0516					88		All	3000	498827		
0267	123882	493362	122K82	0051	1	690522	1	691778	88		All	3000	498833		
0268	123887	493362	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498833	
0269	123802	493363	122K02	0516					88		All	3000	498827		
0270	123807	493363	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498827	
0271	123802	493282	122K02	0525					88		All	3000	498829		
0406	123802	493282	122K02	0525							All	3000	498829		
0409	123802	493362	122K02	0515					88		All	3000	498832		
0410	123802	493946	12F802	2926					51		All	3000	498830		
0411	123802	493362	122K02	0515							All	3000	498826		
0412	123802	493363	122K02	0516							All	3000	498827		
0413	123802	493282	122K02	0525					88		All	3000	498829		
0414	123802	493946	12F802	2926					51		All	3000	498830		
									88						
0415	123802	493362	122K02	0515					88		All	3000	498826		
0416	123802	493363	122K02	0516					88		All	3000	498827		
0417	123802	493282	122K02	0525	1	690319	1	691851	88		All	3300	498829		
0418	123802	493362	122K02	0515	1	690319	1	691851			All	3300	498826		
0419	123882	493362	122K82	0051	1	690522	1	691778	88		All	3000	498833		
0420	123802	493363	122K02	0516					88		All	3000	498827		
0421	123887	493362	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498833	
0422	123807	493282	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498829	
0423	123802	493282	122K02	0525					88		All	3000	499929		
0424	123807	493946	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498830	
0425	123802	493362	122K02	0515					73		All	3200	498826		
									88						
0426	123882	493362	122K82	0051	1	690522	1	691778			All	3200	498833		
0427	123802	493282	122K02	0525					88		All	3000	498829		
0428	123807	493362	No Replacement Repair With Short Block and/or Individual Parts									All	2900	498826	
0429	123802	493282	122K02	0525	1	690319	1	691851			All	3300	498829		
0430	123802	493946	12F802	2926					51		All	3000	498830		
0431	123807	493363	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498827	
0432	123807	493363	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498827	
0433	123807	493362	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498826	
0434	123882	493946	122K82	0051	1	691451	1	691454	88		All	3000			
0435	123802	493362	122K02	0515	1	690319	1	691851			All	3300	498826		
0436	123802	493362	122K02	0515					88		All	3000	498826		
0437	123807	493362	No Replacement Repair With Short Block and/or Individual Parts									All	2900	498826	
0438	123882	493362	122K82	0051							All	3000	498833	UU	
0439	123802	493363	122K02	0516					88		All	3000	498827		
0440	123882	493362	122K82	0051					73		All	3000	498833	UU	
									88						
0441	123882	493282	12F782	2755					51		All	3000			
0442	123887	493282	No Replacement Repair With Individual Parts.									All	3000		
0443	123802	493362	122K02	0515					73		All	3000	498826		
									88						
0444	123802	493363	122K02	0516					88		All	3000	498827		
0445	123807	493362	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498826	
0446	123802	493946	12F802	2926					51		All	3000	498830		
									88						
0447	123807	493362	122K07	0560					88		All	3000	498826		
0448	123802	493282	122K02	0525					88		All	3000	498829		
0449	123802	493363	122K02	0516					88		All	3000	498827		
0450	123882	493362	122K82	0051	1	690522	1	691778	88		All	3000	498833		

123800 to 123899

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	
0451	123807	493946	122K07	0560	1	691451	1	691454	88		All	3000	498830		
0452	123882	493946	122K82	0051	1	691451	1	691454	88		All	3000			
0453	123807	493363	122K07	0560	1	691451	1	691452	88		All	3000	498827		
0463	123802	493282	122K02	0525					88		All	3000	498829		
0464	123802	493282	122K02	0525					88		All	3000	498829		
0465	123802	493362	122K02	0515					88		All	3000	498826		
0466	123802	493363	122K02	0516					88		All	3000	498827		
0467	123807	493946	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498830	
0468	123807	493282	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498829	
0469	123807	493363	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498827	
0470	123807	493363	122K07	0560	1	691451	1	691452	88		All	3000	498827		
0471	123802	493363	122K02	0516					88		All	3000	498827		
0472	123882	493362	122K82	0051					88		All	3000	498833	UU	
0473	123807	493362	122K07	0560					88		All	3000	498826		
0474	123802	493362	122K02	0515					73 88		All	3000	498826		
0475	123807	493946	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498830	
0476	123802	493363	122K02	0516					88		All	3200	498827		
0477	123807	493363	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498827	
0478	123802	493946	12F802	2926					51 88		All	3000	498830		
0479	123882	493946	122K82	0051	1	691451	1	691454	88		All	3000			
0480	123887	493946	12J887	2981	1	690522	1	691454	51 88		All	3000			
					1	691451	1	691778							
0481	123807	493363	122K07	0560	1	691451	1	691452	88		All	3000	498827		
0482	123807	493362	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498826	
0483	123802	493362	122K02	0515					88		All	3000	498826		
0484	123802	493282	122K02	0525	1	690319	1	691851			All	3300	498829		
0485	123802	493362	122K02	0515					73		All	2900	498826		
0486	123802	493362	122K02	0515							All	3000	498826		
0560	123802	493362	122K02	0515	1	690319	1	691851			All	3300	498826		
0561	123802	493946	12F802	2926					51		All	3000	498830		
0567	123882	493362	122K82	0051	1	690522	1	691778			All	3000	498833		
0568	123887	493362	12J887	2981	1	690522	1	691778	51 88		All	3000	498833		
0569	123802	493363	122K02	0516							All	3000	498826		
3106	123802	493282	122K02	0525							All	3000	498829		
3206	123802	493282	122K02	0525							All	3000	498829		
3212	123807	493946	122K07	0560	1	691451	1	691454			All	3200	498830		
3213	123802	493946	12F802	2926					51		All	3200	498830		
3214	123802	493946	12F802	2926					51 88		All	3000	498830		
3215	123707	493946	122K07	0560	1	691451	1	691454	88		All	3000	498830		
3216	123802	493282	122K02	0525					88		All	3200	498829		
3217	123802	493282	122K02	0525					88		All	3200	498829		
3218	123802	493282	122K02	0525					88		All	3200	498829		
3219	123807	493282	122K07	0560	1	691451	1	691450	88		All	3000	498829		
3220	123802	493282	122K02	0525					88		All	3000	498829		
3406	123802	493282	122K02	0525							All	3000	498829		
3411	123802	493282	122K02	0525					88		All	2900	498829		
3412	123802	493946	12F802	2926					51		All	3200	498830		
3413	123807	493946	122K07	0560	1	691451	1	691454			All	3200	498830		
3414	123802	493946	12F802	2926					51 88		All	3200	498830		
3415	123802	493282	122K02	0525					88		All	2900	498829		

**123800 to 123899**

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
3416	123802	493362	122K02	0515					88		All	2900	498826	
3417	123807	493362	122K07	0560					88		All	2900	498826	
3418	123802	493363	122K02	0516					88		All	3000	498827	
3419	123807	493363	122K07	0560	1	691451	1	691452	88		All	3000	498827	
3420	123882	493946	122K82	0051	1	690522	1	691454	88		All	2900		
					1	691451	1	691778						
3427	123807	493946	122K07	0560	1	691451	1	691454	88		All	3000	498830	
3428	123802	493946	12F802	2926					51		All	3000	498830	
									88					
4400	123707	493282	No Replacement Repair With Short Block and/or Individual Parts								All	3000	498829	
4401	123807	493362	No Replacement Repair With Short Block and/or Individual Parts								All	3000	498826	
4403	123707	493946	No Replacement Repair With Short Block and/or Individual Parts								All	3000	498830	