

121800 to 121899

SERVICE ENGINE



SALES MANUAL

**MODEL 121800 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 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	121802	493282	122K02	0525							All	3000	498829		
0206	121802	493282	122K02	0525							All	3000	498829		
0210	121802	493946	12F802	2926					51		All	3000	498830		
0211	121802	493362	122K02	0515							All	3000	498826		
0212	121802	493363	122K02	0516							All	3000	498827		
0213	121802	493282	122K02	0525					88		All	3000	498829		
0214	121802	493946	12F802	2926					51 88		All	3000	498830		
0215	121802	493362	122K02	0515					88		All	3000	498826		
0216	121802	493363	122K02	0516					88		All	3000	498827		
0217	121802	493363	122K02	0516	1	492177	1	492893	88		All	3000	498827		
0218	121807	493362	122K07	0560					88		All	3000	498826		
0219	121802	493282	122K02	0525					88		All	3000	498829		
0220	121882	493362	122K82	0051					88		All	3000	498833		
0221	121807	493946	122K07	0560	1	691451	1	691454	88		All	3000	498830		
0222	121802	493362	122K02	0515	1	690319	1	691851	88		All	3300	498826		
0223	121807	493362	12F807	0560					88		All	3000	498826		
0224	121802	493362	122K02	0515					88		All	3000	498826		
0225	121802	493363	122K02	0516					88		All	3000	498827		
0226	121807	493363	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498827	
0229	121807	493282	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498829	
0230	121882	493362	122K82	0051					88		All	3000	498833		
0262	121802	493362	122K02	0515					88		All	3000	498826		
0263	121802	493282	122K02	0525					88		All	3000	498829		
0264	121802	493946	12F802	2926					51 88		All	3000	498830		
0265	121802	493362	122K02	0515					88		All	3000	498826		
0266	121802	493363	12F802	0516					88		All	3000	498827		
0267	121802	493363	12F802	0516					88		All	3000	498827		
0270	121882	493362	122K82	0051	1	690522	1	691778	88		All	3000	498833		

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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	
0404	121802	493282	122K02	0525							All	3000	498829		
0405	121802	493363	122K02	0516							All	3200	498827		
0406	121802	493282	122K02	0525							All	3000	498829		
0407	121802	493362	122K02	0515	1	690319	1	691851			All	3300	498826		
0408	121802	493363	122K02	0516							All	3100	498827		
0409	121882	493363	122K82	0051	1	690522	1	690524			All	3100			
					1	691451	1	691452							
0410	121802	493946	12F802	2926					51		All	3000	498830		
0411	121802	493362	122K02	0515							All	3000	498826		
0412	121802	493363	122K02	0516							All	3000	498827		
0413	121802	493282	122K02	0525					88		All	3000	498829		
0414	121802	493946	12F802	2926					51		All	3000	498830		
									88						
0415	121802	493362	122K02	0515					88		All	3000	498826		
0416	121802	493363	122K02	0516					88		All	3000	498827		
0417	121802	493282	122K02	0525	1	690319	1	691851	88		All	3300	498829		
0418	121802	493362	122K02	0515	1	690319	1	691851	88		All	3300	498826		
0419	121882	493362	122K82	0051					88		All	3000	498833		
0420	121802	493362	122K02	0515					88		All	3100	498826		
0421	121802	493946	12F802	2926					51		All	3000	498830		
									88						
0422	121802	493363	122K02	0516					88		All	3000	498827		
0423	121887	493362	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498833	
0424	121802	493946	12F802	2926					51		All	3000	498830		
									88						
0425	121882	493362	122K82	0050	1	690319	1	691851	88		All	3300	498834		
0426	121807	493363	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498827	
0427	121802	493282	122K02	0525					88		All	3000	498830		
0428	121802	493363	122K02	0516							All	3100	498827		
0429	121807	493363	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498827	
0430	121807	493946	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498830	
0431	121807	493946	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498830	
0432	121802	493566	No Replacement Repair With Individual Parts.									All	3100		
0433	121802	493946	12F802	2926	1	492177	1	492893	51		All	3500	498830		
					1	690319	1	691851	88						
0434	121807	493362	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498826	
0435	121807	493362	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498826	
0436	121802	493946	12F802	2926					51		All	3000	498830		
									88						
0437	121807	493362	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498826	
0438	121807	493362	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498826	
0439	121802	493363	122K02	0516	1	262665	1	262655	88		All	3500	498827		
					1	492177	1	492893							
0440	121802	493362	122K02	0515					88		All	3000	498826		
0441	121807	493362	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498826	
0442	121802	493362	122K02	0515					88		All	3000	498826		
0443	121802	493362	122K02	0515	1	690319	1	691851			All	3300	498826		
0444	121802	493363	122K02	0516	1	262665	1	262654	88		All	3700	498827		
0445	121882	493362	122K82	0051					88		All	3200	498833	UU	
0446	121802	493363	122K02	0516					88		All	3000	498827		
0447	121802	493362	122K02	0515					88		All	3000	498826		
0448	121802	493363	122K02	0516	1	492177	1	492893	88		All	3000	498827		
0449	121807	493946	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498830	
0450	121802	493362	122K02	0515					88		All	3000	498826		
0451	121807	493946	No Replacement Repair With Short Block and/or Individual Parts									All	3000	498830	

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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
0452	121807	493363	122K07	0560	1	691451	1	691452	88		All	3000	498827	
0453	121802	493363	122K02	0516					88		All	3000	498827	
0454	121802	493946	12F802	2926					51		All	3000	498830	
									88					
0455	121802	493363	122K02	0516					88		All	3000	498827	
0456	121802	493362	122K02	0515					88		All	3000	498826	
0457	121807	493946	No Replacement Repair With Short Block and/or Individual Parts								All	3000	498830	
0458	121807	493946	122K07	0560	1	691451	1	691454			All	3000	498830	
0459	121802	493282	122K02	0525							All	3000	498829	
0460	121882	493363	122K82	0051	1	492177	1	492893			All	3000		
						1	690522	1	691452					
						1	691451	1	691778					
0461	121807	493363	No Replacement Repair With Short Block and/or Individual Parts								All	3000	498827	
0462	121802	493946	12F802	2926					51		All	3000	498830	
0463	121802	493282	122K02	0525					88		All	3000	498829	
0464	121802	493946	12F802	2926					51		All	3000	498830	
									88					
0465	121802	493362	122K02	0515					88		All	3000	498826	
0466	121802	493363	122K02	0516					88		All	3000	498827	
0467	121802	493362	122K02	0515					88		All	3000	498826	
0468	121802	493363	122K02	0516					88		All	3000	498827	
0469	121807	493363	122K07	0560	1	691451	1	691452	88		All	3000	498827	
0470	121882	493362	122K82	0051					88		All	3000	498833	
0471	121887	493362	12J887	2981					51		All	3000	498833	
									88					
0472	121802	493363	122K02	0516					88		All	3000	498827	
0473	121807	493363	No Replacement Repair With Short Block and/or Individual Parts								All	3000	498827	
0478	121882	493362	122K82	0050	1	690319	1	691778	88		All	3300	498834	
						1	690522	1	691851					
0479	121802	493362	122K02	0515					88		All	3000	498826	
0480	121802	493362	122K02	0515					88		All	3000	498826	
0481	121802	493362	122K02	0515					88		All	3000	498826	
0482	121887	493363	12J887	2981	1	690522	1	690524	51		All	3000		
						1	691451	1	691452	88				
0483	121807	493946	122K07	0560	1	691451	1	691454	88		All	3000	498830	
0484	121882	493363	122K82	0051	1	690522	1	690524	88		All	3000		
						1	691451	1	691452					
0485	121807	493363	No Replacement Repair With Short Block and/or Individual Parts								All	3000	498827	
0486	121802	493363	122K02	0516	1	492177	1	492893	88		All	3000	498827	
0550	121802	493946	12F802	2926					51		All	3000	498830	
0551	121802	493363	122K02	0516					88		All	3000	498826	
3106	121802	493282	122K02	0525							All	3000	498829	
3206	121802	493282	122K02	0525							All	3000	498829	
3211	121802	493946	12F802	2926					51		All	3200	498830	
3212	121807	493946	122K07	0560	1	691451	1	691452	88		All	3200	498830	
3214	121802	493946	12F802	2926					51		All	3000	498830	
									88					
3225	121802	493362	122K02	0515					88		All	3000	498826	
3226	121882	493282	122K82	0051	1	691451	1	691450	88		All	3000		
3227	121802	493282	122K02	0525					88		All	3000	498829	
3228	121802	493282	122K02	0525					88		All	3000	498829	
3406	121802	493282	122K02	0525							All	3000	498829	
3411	121882	493363	122K82	0051	1	690522	1	690524			All	3100		
						1	691451	1	691452					

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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
3412	121887	493363	12J887	2981	1	690522	1	690524	51		All	3100		
					1	691451	1	691452						
3413	121802	493282	122K02	0525					88		All	2900	498829	
3414	121802	493946	12F802	2926					51		All	3200	498830	
3415	121807	493946	122K07	0560	1	691451	1	691454			All	3200	498830	
3416	121882	493566	No Replacement Repair With Individual Parts.								All	3100		
3417	121802	493282	122K02	0525					88		All	2900	498829	
3418	121807	493363	122K07	0560	1	691451	1	691452	88		All	3100	498827	
3419	121802	493946	12F802	2926					51		All	3000	498830	
									88					
3420	121802	493946	122K07	0560	1	691451	1	691454	88		All	3000	498830	
3421	121802	493946	12F802	2926					51		All	3000	498830	
									88					
3422	121807	493946	122K07	0560	1	691451	1	691454	88		All	3000	498830	
3423	121887	493436	No Replacement Repair With Individual Parts.								All	3100		
3424	121802	493363	122K02	0516					88		All	3100	498827	
3425	121882	493363	122K82	0051	1	690522	1	690524	88		All	3100		
					1	691451	1	691452						
3426	121882	493282	122K82	0051	1	691451	1	691452	88		All	3200		
3427	121802	493946	12F802	2926					51		All	3000	498830	
									88					
3428	121802	493946	12F802	2926					51		All	3000	498830	
									88					
3429	121807	493946	122K07	0560	1	691451	1	691454	88		All	3000	498830	
3430	121802	493362	122K02	0515					88		All	3000	498826	
3431	121882	493282	122K82	0051	1	691451	1	691452	88		All	3000		
3432	121887	493282	12J887	2981	1	691451	1	691450	51		All	3000		
									88					