

122700 to 122799**SERVICE ENGINE****SALES MANUAL****MODEL 122700 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.

NOTE VV: Change Drive Shaft in Short Block. Add 231711.

122700 to 122799

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
0115	122702	493282	122K02	0525					88		All	3000	498829	
0116	122702	493282	122K02	0525							All	3000	498829	
0117	122702	493282	122K02	0525					88		All	3000	498829	
0118	122702	493381	12F802	2926					51 88		All	3000	498830	
0119	122702	493362	122K02	0515					88		All	3000	498826	
0120	122702	493362	122K02	0515					88		All	3000	498826	
0121	122702	493363	122K02	0516					88		All	3000	498827	
0122	122702	493363	122K02	0516					88		All	3000	498827	
0123	122707	493362	No Replacement Repair With Short Block and/or Individual Parts								All	3000	498826	
0124	122702	493381	12F802	2926					51 88		All	3000	498830	
0125	122702	493362	122K02	0515	1	690319	1	691851			All	3300	498826	
0126	122702	493464	No Replacement Repair With Individual Parts.								All	3200		
0127	122702	493381	12F802	2926					51		All	3100	498830	
0128	122707	493381	No Replacement Repair With Short Block and/or Individual Parts								All	3100	498830	
0129	122702	493381	12F802	2926					51		All	3200	498830	
0130	122782	493381	122K82	0050	1	691451	1	691454			All	3000		
0131	122782	493381	122K82	0051	1	690522	1	691454			All	3200		
					1	691451	1	691778						
0132	122702	493381	12F802	2926					51		All	3200	498830	
0133	122702	493381	12F802	2926					51		All	3100	498830	
0134	122702	493381	12F802	2926	1	263044	1	691851	51		All	3300	498830	
0135	122702	493282	122K02	0525							All	3000	498829	
0136	122702	493282	122K02	0525					88		All	3000	498829	
0137	122702	493381	12F802	2926					51		All	3000	498830	
0138	122707	493381	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
0139	122782	493381	122K82	0051	1	690522	1	691454			All	3200		
					1	691451	1	691778						
0140	122707	493381	No Replacement Repair With Short Block and/or Individual Parts								All	3200	498830	
0141	122702	493362	122K02	0515							All	3000	498826	
0142	122702	494547	128802	1715					51 88		All	3000	498832	
0143	122702	493362	122K02	0515							All	3100	498826	
0144	122702	493363	122K02	0516							All	3100	498827	
0145	122707	493363	No Replacement Repair With Short Block and/or Individual Parts								All	3100	498827	
0146	122702	493362	122K02	0515	1	690319	1	691290			All	3700	498826	
0147	122702	493381	12F802	2926	1	690319	1	691851	51		All	3300	498830	
0148	122702	493363	122K02	0516							All	3000	498827	
0149	122707	493363	No Replacement Repair With Short Block and/or Individual Parts								All	3000	498827	
0150	122707	493381	No Replacement Repair With Short Block and/or Individual Parts								All	3000	498830	
0151	122702	493362	122K02	0515	1	690319	1	691851			All	3300	498826	
0152	122702	493362	122K02	0515					88		All	2900	498826	
0153	122702	493282	122K02	0525							All	3100	498829	
0154	122702	493363	122K02	0516							All	3100	498827	
0155	122707	493381	No Replacement Repair With Short Block and/or Individual Parts								All	3300	498830	
0156	122702	493362	122K02	0515							All	3100	498826	
0157	122702	493362	122K02	0515					88		All	3000	498826	
0158	122702	493363	122K02	0516					88		All	3000	498827	
0159	122702	493437	122K02	0518					88		All	3100	498828	
0160	122707	493362	No Replacement Repair With Short Block and/or Individual Parts								All	2900	498826	
0161	122702	493363	122K02	0516							All	2900	498827	
0162	122707	493363	No Replacement Repair With Short Block and/or Individual Parts								All	2900	498827	
0163	122702	493437	122K02	0518	1	690319	1	691851	73 88		All	3300	498828	
0164	122707	493381	No Replacement Repair With Short Block and/or Individual Parts								All	3100	498830	
0165	122782	493381	122K82	0051	1	691451	1	691454			All	3200		
0166	122702	493282	122K02	0525	1	690319	1	691851	88		All	3300	498829	
0167	122707	493282	No Replacement Repair With Short Block and/or Individual Parts								All	3000	498829	
0168	122702	493381	12F802	2926					51 88		All	3100	498830	
0169	122702	493282	122K02	0525	1	690319	1	691851	88		All	3300	498829	
0170	122702	493362	122K02	0515	1	690319	1	691851	73 88		All	3300	498826	
0171	122702	493381	12F802	2926					51 88		All	3000	498830	
0172	122702	493428	No Replacement Repair With Individual Parts.								All	3000		
0173	122782	493362	122K82	0051	1	690319	1	691851	73		All	3300	498833	UU
0174	122782	493362	122K82	0051							All	3100	498833	
0175	122702	493362	122K02	0515							All	3100	498826	
0176	122702	493566	No Replacement Repair With Individual Parts.								All	3000		
0177	122702	493282	122K02	0525							All	3000	498829	
0178	122702	493282	122K02	0525							All	3000	498829	
0179	122702	493282	122K02	0525							All	3200	498829	
0180	122702	493381	12F802	2926					51		All	3000	498830	
0181	122702	493566	No Replacement Repair With Individual Parts.								All	3000		
0182	122702	494547	128802	1715					51 88		All	3000	498832	
0183	122702	493437	122K02	0518	1	690319	1	691291	73		All	3600	498828	
0184	122702	493362	122K02	0515	1	690319	1	691851	73 88		All	3300	498826	
0185	122707	493362	No Replacement Repair With Short Block and/or Individual Parts								All	3500	498826	

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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
0186	122782	493362	122K82	0051	1	690319	1	691851	73		All	3300	498833	UU
0187	122702	493282	122K02	0525							All	3100	498829	
0188	122782	493362	122K82	0051	1	690319	1	691851	73		All	3300	498833	UU
0189	122702	493362	122K02	0515	1	690319	1	691851	73 88		All	3500	498826	
0190	122702	493362	122K02	0515	1	690319	1	691851			All	3300	498826	
0191	122702	493282	122K02	0525	1	690319	1	691851	88		All	3300	498829	
0192	122702	493282	122K02	0525	1	690319	1	691851			All	3300	498829	
0193	122702	493282	122K02	0525	1	690319	1	691851	88		All	3300	498829	
0194	122702	493437	122K02	0518	1	690319	1	691851			All	3300	498828	
0195	122702	493362	122K02	0515	1	690319	1	691851			All	3300	498826	
0196	122707	493282	No Replacement Repair With Short Block and/or Individual Parts								All	3300	498829	
0197	122707	493282	No Replacement Repair With Short Block and/or Individual Parts								All	3300	498829	
0198	122702	493362	122K02	0515	1	690319	1	691851			All	3300	498826	
0199	122707	493362	No Replacement Repair With Short Block and/or Individual Parts								All	3300	498826	
0200	122702	493362	122K02	0515	1	690319	1	691851			All	3300	498826	
0201	122702	493282	122K02	0525	1	690319	1	691851			All	3300	498829	
0202	122702	493381	12F802	2926	1	690319	1	691851	51		All	3300	498830	
0203	122782	493282	122K82	0051	1	690522	1	691450	88		All	3000		
					1	691451	1	691788						
0204	122787	493282	No Replacement Repair With Individual Parts.								All	3000		
0205	122782	493362	122K82	0051							All	3100	498833	UU
0206	122702	494546	128802	1715					51		All	3400	498832	
0207	122702	493362	122K02	0515					88		All	3100	498826	
0208	122782	493282	122K82	0050	1	690319	1	691450	88		All	3300		
					1	690522	1	691788						
					1	691451	1	691851						
0209	122782	493282	122K82	0051	1	690522	1	691450	88		All	3000		
					1	691451	1	691788						
0210	122787	493282	No Replacement Repair With Individual Parts.								All	3000		
0211	122782	493282	122K82	0050	1	690319	1	691450	88		All	3300		
					1	690522	1	691788						
					1	691451	1	691851						
0212	122702	493282	122K02	0525	1	690319	1	691851			All	3300	498829	
0213	122702	493362	122K02	0515	1	690319	1	691851			All	3300	498826	
0214	122707	493362	No Replacement Repair With Short Block and/or Individual Parts								All	3300	498826	
3115	122702	493362	122K02	0515							All	3100	498826	
3116	122702	493381	12F802	2926	1	690319	1	691851	51		All	3500	498830	
3117	122702	493362	122K02	0515							All	3100	498826	
3118	122702	493381	12F802	2926	1	690319	1	691851	51		All	3300	498830	
3120	122702	493363	122K02	0516							All	3100	498827	
3121	122702	493362	122K02	0515							All	3100	498826	
3122	122702	493362	122K02	0515	1	690319	1	691851			All	3300	498826	
3123	122702	493437	122K02	0518							All	3100	498828	
3124	122782	493282	12F782	2755							All	3100		
3125	122782	493362	122K82	0051	1	690522	1	691788			All	3000	498833	
3126	122702	493362	122K02	0515							All	3100	498826	
3127	122702	493362	122K02	0515	1	690319	1	691851			All	3300	498826	
3128	122702	493381	12F802	2926					51		All	3000	498830	
3129	122702	493282	122K02	0525							All	3100	498829	
3130	122782	493363	122K82	0050	1	691451	1	691452			All	3100		
3131	122702	493433	12F702	2624							All	3200	498831	
3132	122782	493362	122K82	0051							All	3100	498833	UU

122700 to 122799

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
3133	122702	493363	122K02	0516							All	3000	498827	
3134	122782	493282	12F782	2755					51		All	3100		
3135	122702	493437	122K02	0518	1	690319	1	691851			All	3400	498828	
3136	122782	493362	122K82	0050	1	690319	1	691778			All	3400	498834	
					1	690522	1	691851						
3137	122702	493362	122K02	0515							All	3100	498826	
3138	122702	493437	122K02	0518							All	3100	498828	
3139	122702	493282	122K02	0525							All	3000	498829	
3140	122702	493437	122K02	0518							All	3000	498827	
3141	122702	493381	12F802	2926	1	690319	1	691851	51		All	3400	498830	
3142	122702	493362	122K02	0515							All	3000	498826	
3143	122702	493381	12F802	2926	1	690319	1	691851	51		All	3400	498830	
3144	122782	493362	122K82	0051	1	690522	1	691788			All	3000	498833	
3145	122702	493363	122K02	0516	1	690319	1	691851			All	3500	498827	
3146	122702	493362	122K02	0515							All	3100	498826	
3147	122702	493363	122K02	0516							All	3100	498827	
3148	122702	493362	122K02	0515							All	3100	498826	
3149	122702	493362	122K02	0515							All	3100	498826	
3150	122702	493362	122K02	0515							All	3100	498826	
3151	122702	493282	122K02	0025	1	690319	1	691851			All	3400	498829	
3152	122702	493363	122K02	0516							All	3100	498827	
3153	122702	493363	122K02	0516							All	3100	498827	
3154	122707	493362	122K07	0560							All	3100	498826	
3155	122702	493362	122K02	0515							All	3100	498826	
3156	122702	493362	122K02	0515							All	3100	498826	
3157	122702	493362	122K02	0516							All	3100	498827	
3158	122782	493362	122K82	0051	1	690522	1	690521			All	3100	498833	
3159	122782	493362	122K82	0051							All	3100	498833	UU
3160	122782	493362	122K82	0051							All	3150	498833	UU
3161	122702	493362	122K02	0515							All	3100	498826	
3162	122702	493437	122K02	0518							All	3000	498828	
3163	122702	493946	12F802	2926	1	690319	1	691851	51		All	3400	498830	
3164	122702	493946	12F802	2926	1	690319	1	691851	51		All	3400	498830	
3165	122782	493282	122K82	0051	1	690522	1	691450			All	3100		
					1	691451	1	691778						
3166	122702	493946	12F802	2926					51 88		All	3000	498830	
3167	122702	493282	122K02	0525					88		All	3000	498829	
3168	122707	493433	No Replacement Repair With Short Block and/or Individual Parts									All	3200	493837
3169	122782	493362	12F882	0051	1	690522	1	690521	88		All	3100	498833	VV
3170	122782	493433	No Replacement Repair With Individual Parts.									All	3300	
3171	122702	494546	128802	1715					51		All	3000	498832	
3172	122782	493282	122K82	0051	1	690522	1	691450	88		All	2900		
					1	691451	1	691788						
3173	122787	493433	12F787	2780					51		All	3100		
3174	122782	493362	122K82	0051	1	690522	1	691788			All	3100	498833	
3175	122782	493362	122K82	0051	1	690522	1	691788	88		All	3100	498833	
3176	122787	493362	12J887	2981					51 88		All	3100	498833	VV
3177	122702	493362	122K02	0515							All	3100	498826	
3178	122702	493946	12F802	2926	1	690319	1	691851	51		All	3400	498830	
3179	122702	493946	12F802	2926	1	690319	1	691851	51		All	3400	498830	
3180	122707	493946	122K07	0560	1	691451	1	691454			All	3100	498830	
3181	122702	493362	122K02	0515							All	3100	498826	

122700 to 122799

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
3182	122702	493282	122K02	0525	1	690319	1	691851			All	3400	498829	
3183	122702	493282	122K02	0525	1	690319	1	691851			All	3300	498829	
3186	122702	493433	12F702	2624							All	3100	498831	
3187	122707	493731	No Replacement Repair With Short Block and/or Individual Parts								All	3000	498832	
3188	122702	493731	128802	1715					51		All	3000	498832	
3191	122782	493362	122K82	0051	1	690522	1	690521			All	3100	498833	VV
3192	122702	493731	128802	1715					51		All	3000	498832	
3193	122782	493362	122K82	0050	1	690319	1	691778			All	3400	498834	
					1	690522	1	691851						
3194	122782	493362	122K82	0051	1	690522	1	691778			All	3150	498833	
3195	122782	493362	122K82	0051	1	690522	1	690521	88		All	3100	498833	VV
3196	122702	493362	122K02	0515							All	3100	498826	
3197	122702	493362	122K02	0515							All	3150	498826	
3198	122702	493362	122K02	0515							All	3100	498826	
3199	122702	493363	122K02	0516							All	3100	498827	
3200	122702	493362	122K02	0515							All	3200	498826	
3207	122702	493433	12F702	2624							All	3200	498831	
3208	122782	493362	122K82	0051							All	3200	498833	UU
3209	122702	493362	122K02	0515							All	3150	498826	
3210	122702	493362	122K02	0515							All	3150	498826	
3212	122702	493362	122K02	0515							All	3200	498826	
3213	122702	493362	122K02	0515							All	3100	498826	
3214	122702	493363	122K02	0516							All	3100	498827	
3215	122702	493362	122K02	0515							All	3150	498826	
3216	122702	493362	122K02	0515	1	690319	1	691851			All	3300	498826	
3217	122702	493363	122K02	0516	1	690319	1	691851			All	3500	498827	
3218	122702	493362	122K02	0515							All	3150	498826	
3219	122702	493363	122K02	0516					88		All	3100	498827	
3221	122702	493464	No Replacement Repair With Individual Parts.								All	3200		
3223	122702	493362	122K02	0515							All	3100	498826	
3224	122702	493282	122K02	0525	1	690319	1	691851			All	3300	498829	
3310	122702	493362	122K02	0515							All	3200	498826	
3311	122782	493362	122K82	0051	1	690522	1	691778			All	3200	498833	
3312	122702	493362	122K02	0515							All	3100	498826	
3313	122702	493363	122K02	0516							All	3100	498827	
3314	122702	493363	122K02	0516							All	3100	498827	
3315	122702	493362	122K02	0515							All	3100	498826	
3316	122707	493362	122K07	0560							All	3100	498826	
3317	122702	493363	122K02	0516							All	3200	498827	
3318	122782	493362	122K82	0051	1	690522	1	690521	88		All	3100	498833	VV
3319	122787	493362	12J887	2981	1	690522	1	690521	51		All	3100	498833	VV
									88					
3320	122782	493362	122K82	0051	1	690522	1	691778			All	3100	498833	
3321	122702	493363	122K02	0516	1	262665	1	262657			All	3400	498827	
3322	122702	493363	122K02	0516	1	262665	1	262657			All	3400	498827	
3323	122702	493362	122K02	0515							All	3150	498826	
3324	122702	493362	122K02	0515							All	3150	498826	
3325	122702	493363	122K02	0516							All	3150	498827	
3327	122702	493947	122K02	0518							All	3000	498828	
3328	122702	493947	122K02	0518							All	3150	498828	
3330	122702	493362	122K02	0515							All	3150	498826	
3331	122702	493362	122K02	0515							All	3150	498826	
3332	122707	493363	122K07	0560	1	691451	1	691452			All	3100	498827	
3335	122702	493363	122K02	0516					88		All	3100	498827	

122700 to 122799

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
3336	122702	494546	128802	1715					51		All	3400	498826	
4000	122702	493381	12F802	2926					51		All	3100	498830	
									88					
4001	122707	493362	No Replacement Repair With Short Block and/or Individual Parts								All	3000	498826	
4002	122702	493363	122K02	0516					88		All	3100	498827	
4003	122702	493362	122K02	0515					88		All	3100	498826	
4004	122702	493362	122K02	0515					88		All	3100	498826	
4005	122702	493362	122K02	0515					73		All	3200	498826	
4006	122702	493437	122K02	0518					73		All	3100	498828	
									88					
4007	122702	493362	122K02	0515	1	690319	1	691291	73		All	3600	498826	
									88					
4008	122702	493362	122K02	0515					88		All	3100	498826	
4009	122707	493362	No Replacement Repair With Short Block and/or Individual Parts								All	3000	498826	
4011	122702	493282	122K02	0525					88		All	3100	498829	
7001	122702	493437	122K02	0518					88		All	3200	498828	
7002	122702	493363	122K02	0516							All	3000	498827	
7015	122702	493362	122K02	0515							All	3100	498826	
7016	122702	493363	122K02	0516							All	3100	498827	
7018	122702	493947	122K02	0518							All	3100	498828	
7025	122702	493282	122K02	0525							All	3100	498829	