

233400 to 233499

SERVICE ENGINE



SALES MANUAL

**MODEL 233400 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 6:** Drill and Retap end of Crankshaft 7/16"-20 (1" Deep). Use 25/64" Tap Drill.
- NOTE 15:** For all Go-Karts use only a Model 136200 series engine as a replacement, regardless of the original Model.
- NOTE 40:** Original engine was equipped for kerosene operation. To convert replacement engine for use with kerosene, install an additional Head Gasket and transfer Fuel Line and special Carburetor Needle Valve and Bleed Screw.
- NOTE 43:** Original engine was equipped with a Rotating Screen. These parts can be transferred to the replacement engine.
- NOTE 50:** Replacement engine is not available in the U. S. A. Repair with individual parts.
- NOTE 53:** Reverse Engine Base.
- 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:

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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
0010	233401	260761	243431	2520					15 50		01	2900		
0020	233431	260761	243431	2520					15 50		All	2900		
0021	233431	260760	243431	2520	1	260895	1	260885	15 50		All	2900		
0022	233431	260804	No Replacement Repair With Individual Parts.						15		01	2900		
0023	233434	260761	243437	2528					15 50		01	2900		
0024	233431	260763	No Replacement Repair With Individual Parts.						15		ALL	3700		
0025	233431	260761	No Replacement Repair With Individual Parts.						15		01	2900		
0026	233431	260762	No Replacement Repair With Individual Parts.						15		All	2900		
0030	233451	260764	No Replacement Repair With Individual Parts.						15		All	2900		
0039	233452	261174	No Replacement Repair With Individual Parts.						15		All	2900		
0040	233461	260765	No Replacement Repair With Individual Parts.						15		All	2900		
0041	233452	261458	No Replacement Repair With Individual Parts.						15		All	2900		
0060	233432	260580	No Replacement Repair With Individual Parts.						15		01	2900		
0061	233432	261422	No Replacement Repair With Individual Parts.						15		01	2900		

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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
0110	233401	260761	243431	2520					15 50			2900 2900 3300 2900 2900 2900 3600 2900 2900 2900 2900 3600 2900 2900		
0112	233431	260760	243431	2520	1	260895	1	260885	15 50			2900 2900 2900 2900 2900 3600 2900 2900 2900 2900 3600 2900		
0113	233431	260761	243431	2520					15 50			2900 2900 3600 2900 3600 2900 2900 2900 2900 2900 2900 3600 2900 2900 2900 2900 3750 2900 2400		
0114	233431	260762	No Replacement Repair With Individual Parts.						15		All	2900		
0115	233431	260763	No Replacement Repair With Individual Parts.						15			2900 3750 2900		
0116	233451	260764	No Replacement Repair With Individual Parts.						15			2900 2900 2900 3750 3200 2900 2900		
0118	233432	261422	No Replacement Repair With Individual Parts.						15		01	2900		
0120	233431	260763	No Replacement Repair With Individual Parts.						15		01	3600		
0121	233431	260763	No Replacement Repair With Individual Parts.						15		01	3600		
0122	233431	260761	243431	2520					15 50		01	2900		

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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
0123	233431	260761	243431	2520					15 50		All	2900		
0124	233431	260763	No Replacement Repair With Individual Parts.						15		01 02 03 04 05	3600 3000 3750 3600 2900		
0125	233431	260763	No Replacement Repair With Individual Parts.						15		01	2900		
0126	233431	260780	No Replacement Repair With Individual Parts.						15		All	3800		
0127	233431	260761	243431	2520	1	298809	1	391919	15 40 50		01	2900		
0128	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
0129	233434	260761	243437	2528					15 50		01	2900		
0130	233431	260763	No Replacement Repair With Individual Parts.						15		01	3600		
0131	233431	260780	No Replacement Repair With Individual Parts.						15		01	3400		
0132	233431	260781	243431	2520					6 15 50		01	3800		
0133	233431	260806	243431	2520	1	260895	1	261153	15 43 50		01	2900		
						1	291665	1	291710					
0134	233431	260761	243431	2520					15 50		01	2900		
0135	233434	260761	243437	2528					15 50		01	3200		
0136	233431	260762	No Replacement Repair With Individual Parts.						15		All	3800		
0137	233431	260760	No Replacement Repair With Individual Parts.						15		All	2900		
0138	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
0139	233434	260780	No Replacement Repair With Individual Parts.						15		01	3800		
0140	233431	260781	243431	2520				1	29372		01	3600		
									43 50					
0141	233431	260762	No Replacement Repair With Individual Parts.						15		All	3600		
0142	233401	260761	243431	2520					15 50		01	3600		
0143	233431	260763	No Replacement Repair With Individual Parts.						15		01	3700		
0144	233434	260780	No Replacement Repair With Individual Parts.						15		01	3800		
0145	233404	260761	243437	2528					15 50		01	4000		
0146	233431	260761	243431	2520					15 50		All	2900		
0147	233401	260761	243431	2520	1	298809	1	391919	15 40 50		01	2900		
0148	233451	260764	No Replacement Repair With Individual Parts.						15		All	2900		
0149	233431	260761	243431	2520					15 50 53		01 02 03	3600 2900 3750		
0150	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
0152	233431	260761	No Replacement Repair With Individual Parts.						15		01	3000		
0153	233404	260761	243437	2528					15 50		01	3500		
0155	233431	260763	No Replacement Repair With Individual Parts.						15		01	2900		
0156	233451	260764	No Replacement Repair With Individual Parts.						15		All	2900		
0157	233431	260761	243431	2520	1	298809	1	29693	15 50		01	2900		

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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
0158	233431	260761	243431	2520	1	298809	1	29693	15 43 50		01	2900		
0159	233431	260761	243431	2520					15 50		01	2900		
0160	233431	260763	No Replacement Repair With Individual Parts.						15		01	3600		
0161	233431	260782	No Replacement Repair With Individual Parts.						15		01	1800		
0162	233431	260760	No Replacement Repair With Individual Parts.						15		01	2900		
0163	233401	260761	243431	2520					15 50		01	2900		
0164	233404	260761	243437	2528					15 50		01	2900		
0165	233431	260763	No Replacement Repair With Individual Parts.						15		01 02	3750 2900		
0166	233431	260766	No Replacement Repair With Individual Parts.						15		01	3700		
0167	233401	260761	243431	2520					15 50		01	2900		
0168	233431	260776	No Replacement Repair With Individual Parts.						15		01	3600		
0169	233431	260763	No Replacement Repair With Individual Parts.						15		01	3800		
0170	233404	260761	243437	2528					15 50		All	2900		
0171	233431	260761	243431	2520					15 50 53		01	2900		
0172	233401	260761	243431	2520					15 50 53		01	2600		
0173	233434	260761	243437	2528					15 50		01	2900		
0174	233431	260780	No Replacement Repair With Individual Parts.						15		01	3400		
0175	233431	260763	No Replacement Repair With Individual Parts.						15		01	3600		
0176	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
0177	233431	260781	243431	2520					6 15 50		01	2900		
0178	233431	260763	No Replacement Repair With Individual Parts.						15		01	1800		
0180	233431	260762	No Replacement Repair With Individual Parts.						15		01	3600		
0181	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
0182	233432	260580	243432	2561					15 50		01	3000		
0183	233431	260761	243431	2520					15 50		01	2900		
0184	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
0185	233461	260765	No Replacement Repair With Individual Parts.						15		01	2900		
0186	233434	260761	243437	2528					15 50		01	2900		
0187	233454	260764	No Replacement Repair With Individual Parts.						15		01	3300		
0188	233404	260761	243437	2528					15 50		01	2900		
0189	233401	260761	243431	2520					15 50		All	2900		
0190	233431	260761	243431	2520					15 50		01	2900		
0191	233411	260807	No Replacement Repair With Individual Parts.						15		01	2000		
0192	233431	260763	No Replacement Repair With Individual Parts.						15		01	3600		
0193	233431	260761	243431	2520					15 50 53		01	2700		

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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
0194	233451	260764	No Replacement Repair With Individual Parts.						15		All	2900		
0195	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
0196	233461	260765	No Replacement Repair With Individual Parts.						15		01	2900		
0197	233401	260761	243431	2520					15		01	2900		
									50					
									53					
0198	233431	260762	No Replacement Repair With Individual Parts.						15		01	3750		
0199	233431	260763	No Replacement Repair With Individual Parts.						15		01	2900		
0200	233434	260777	No Replacement Repair With Individual Parts.						15		01	2900		
0201	233431	260761	243431	2520					15		01	2900		
									50					
0202	233434	260761	243437	2528					15		01	2900		
									50					
0203	233431	260777	No Replacement Repair With Individual Parts.						15		01	2900		
0204	233431	260761	243431	2520					15		01	2900		
									50					
0205	233451	260764	No Replacement Repair With Individual Parts.						15		01	2400		
											02	3600		
0206	233454	260764	No Replacement Repair With Individual Parts.						15		01	2900		
0207	233431	260778	No Replacement Repair With Individual Parts.						15		All	3600		
0208	233431	260761	243431	2520					15		01	2900		
									50					
0209	233431	260762	No Replacement Repair With Individual Parts.						15		All	2900		
0210	233431	260510	No Replacement Repair With Individual Parts.						15		01	3600		
0211	233434	260763	No Replacement Repair With Individual Parts.						15		01	3600		
0212	233431	260761	243431	2520					15		01	2900		
									50					
0213	233431	260762	No Replacement Repair With Individual Parts.						15		01	2900		
											02	2900		
											03	3300		
0214	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
											02	3600		
0215	233451	260764	No Replacement Repair With Individual Parts.						15		01	3600		
0216	233431	260761	243431	2520					15		01	2900		
									50					
0217	233451	260764	No Replacement Repair With Individual Parts.						15		01	3200		
0218	233431	260761	243431	2520					15		01	2900		
									50					
0219	233461	260765	No Replacement Repair With Individual Parts.						15		01	2900		
0220	233431	260762	No Replacement Repair With Individual Parts.						15		01	2900		
0221	233431	260761	243431	2520	1	298809	1	391919	15		01	2900		
									40		02	2900		
									50		03	3600		
											04	2900		
											05	2900		
											06	2900		
0222	233431	260763	No Replacement Repair With Individual Parts.						15		01	2900		
0223	233451	260764	No Replacement Repair With Individual Parts.						15					
0224	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
0225	233404	260761	No Replacement Repair With Individual Parts.						15		01	2900		
0226	233431	260760	243431	2520	1	260895	1	260885	15		01	2900		
									50					
									53					
0227	233431	260777	No Replacement Repair With Individual Parts.						15		01	2900		
0228	233431	260776	No Replacement Repair With Individual Parts.						15		01	2900		
0229	233431	260761	243431	2520					15		01	2900		
									50					
0230	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		

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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
0231	233431	260763	No Replacement Repair With Individual Parts.						15		01	3700		
0232	233401	260761	243431	2520					15		01	2900		
									50					
0233	233431	260761	243431	2520	1	220197	1	29693	15		All	2900		
									50					
									53					
0234	233431	260761	243431	2520					15		All	2900		
									50					
0235	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
0236	233431	260760	243431	2520	1	260895	1	260885	15		01	2900		
									50					
0237	233431	260776	No Replacement Repair With Individual Parts.						15		01	2900		
0238	233431	260761	243431	2520					15		01	2200		
									50					
									53					
0239	233431	260761	243431	2520					15		01	2900		
									43					
									50					
									53					
0240	233434	260777	No Replacement Repair With Individual Parts.						15		01	3000		
0241	233451	260764	No Replacement Repair With Individual Parts.						15		01	3300		
0242	233401	260761	243431	2520					15		01	2900		
									50					
0243	233431	260761	243431	2520					15		All	2900		
									50					
0244	233401	260781	243431	2520					6		01	2900		
									15					
									50					
0245	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
0246	233431	260761	243431	2520					15		01	2900		
0247	233431	260781	243431	2520					6	0247	01	3500		
									15					
									50					
									53					
0248	233401	260761	243431	2520					15		01	3300		
									50					
									53					
0249	233401	260761	243431	2520					15		01	3600		
									50		02	2900		
											03	2900		
0250	233404	260761	243437	2528					15		01	3600		
									50		02	2900		
0251	233431	260760	243431	2520	1	260895	1	260885	15		01	2900		
									50					
									53					
0252	233431	260761	243431	2520					15		01	3750		
									50					
									53					
0253	233431	260763	No Replacement Repair With Individual Parts.						15		01	2900		
0254	233434	260761	243437	2528					15		01	2900		
									50					
0255	233431	260762	No Replacement Repair With Individual Parts.						15		01	2900		
0256	233431	260761	243431	2520			1	221976	15		All	2900		
									50					
0257	233431	260777	No Replacement Repair With Individual Parts.						15		01	2900		
0258	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
0259	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
0260	233431	260776	No Replacement Repair With Individual Parts.						15		01	3700		

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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
0261	233431	260761	No Replacement Repair With Individual Parts.					15			01	2900		
0262	233401	260761	243431	2520					15		01	3300		
									43					
									50					
									53					
0263	233431	260763	No Replacement Repair With Individual Parts.					15			01	1800		
0264	233431	260762	No Replacement Repair With Individual Parts.					15			01	3600		
0265	233431	260761	243431	2520	1	220197	1	221976	15		All	2900		
									50					
0266	233431	260762	No Replacement Repair With Individual Parts.					15			01	2900		
0267	233451	260764	No Replacement Repair With Individual Parts.					15			All	3300		
0268	233434	260804	No Replacement Repair With Individual Parts.					15			01	2900		
0269	233431	260761	243431	2520			1	221976	15		All	2900		
									50					
0270	233431	260761	243431	2520					15		01	3750		
									50					
0271	233431	260760	No Replacement Repair With Individual Parts.					15			All	2900		
0272	233451	260764	No Replacement Repair With Individual Parts.					15			01	2900		
0273	233401	260138	243431	2520					15		01	3600		
									50					
0274	233451	260764	No Replacement Repair With Individual Parts.					15			01	3600		
0275	233431	260776	No Replacement Repair With Individual Parts.					15			01	3700		
0276	233401	260761	243431	2520					15		01	3600		
									50					
0277	233431	260763	No Replacement Repair With Individual Parts.					15			01	3600		
0278	233411	260807	No Replacement Repair With Individual Parts.					15			01	2000		
0279	233451	260764	No Replacement Repair With Individual Parts.					15			01	3600		
0280	233431	260761	243431	2520			1	291519	15		01	2900		
								1	99458			50		
0281	233431	260760	243431	2520	1	260895	1	260885	15		01	2900		
								1	291665			40		
								1	298809			50		
0282	233431	260762	No Replacement Repair With Individual Parts.					15			01	2900		
0283	233431	260763	No Replacement Repair With Individual Parts.					15			01	3600		
										02	3200			
0284	233431	260763	No Replacement Repair With Individual Parts.					15			01	3700		
0285	233451	260764	No Replacement Repair With Individual Parts.					15			01	3600		
0286	233451	260764	No Replacement Repair With Individual Parts.					15			01	3600		
0287	233431	260761	243431	2520			1	297866	15		01	3750		
									50					
0288	233431	260761	243431	2520	1	220197	1	221976	15		01	2900		
									50					
0289	233452	261174	No Replacement Repair With Individual Parts.					15			01	3300		
0290	233431	260761	243431	2520					15		All	2900		
									50					
0291	233401	260761	243431	2520					15		01	2900		
									50					
0292	233431	260761	243431	2520					15		01	3100		
									50					
									53					
0293	233431	260763	No Replacement Repair With Individual Parts.					15			01	3800		
0294	233431	260763	No Replacement Repair With Individual Parts.					15			01	3600		
0295	233431	260761	243431	2520	1	220197	1	29693	15		01	2900		
								1	298809			50		
									53					
0296	233454	260764	No Replacement Repair With Individual Parts.					15			01	2900		
0297	233431	260762	No Replacement Repair With Individual Parts.					15			01	2900		

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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
0298	233431	260762	No Replacement Repair With Individual Parts.					15		All	2900			
0299	233431	260760	243431	2520	1	260895	1	260885	15		01	2900		
						1	298809	1	391919	40				
									50					
0300	233434	260761	243437	2528					15		01	2900		
									50					
0301	233452	261174	No Replacement Repair With Individual Parts.					15		01	3300			
0302	233431	260761	243431	2520					15		01	2900		
									50		02	3200		
0303	233431	260761	243431	2520					15		01	2900		
									50					
0304	233451	260764	No Replacement Repair With Individual Parts.					15		01	2900			
0305	233434	260510	No Replacement Repair With Individual Parts.					15		01	3600			
0307	233432	261275	No Replacement Repair With Individual Parts.					15		All	3800			
0308	233431	260781	243431	2520					6		01	3100		
									15					
									50					
0309	233431	260761	243431	2520	1	298809	1	29693	15		01	2900		
									50					
0310	233451	260764	No Replacement Repair With Individual Parts.					15		01	2900			
0311	233434	260510	No Replacement Repair With Individual Parts.					15		01	3600			
0312	233431	260761	243431	2520	1	298809	1	391919	15		01	2900		
									40					
									50					
0313	233451	260764	No Replacement Repair With Individual Parts.					15		01	2900			
0314	233431	260761	243431	2520					15		01	3000		
									43					
									50					
0315	233452	261174	No Replacement Repair With Individual Parts.					15		01	3750			
0316	233431	260763	No Replacement Repair With Individual Parts.					15		01	3700			
0317	233434	260761	243437	2528					15		All	3750		
									50					
									53					
0318	233431	260762	No Replacement Repair With Individual Parts.					15		01	2900			
0319	233431	260778	No Replacement Repair With Individual Parts.					15		01	3600			
0320	233431	260761	243431	2520	1	93415	1	92747	15		01	2900		
								1	99458	50				
0321	233431	260781	243431	2520					6		01	3500		
									15					
									43					
									50					
									53					
0322	233452	261174	No Replacement Repair With Individual Parts.					15		01	2900			
0323	233432	260581	No Replacement Repair With Individual Parts.					15		01	2900			
0324	233451	260764	No Replacement Repair With Individual Parts.					15		01	2900			
0325	233432	260456	No Replacement Repair With Individual Parts.					15		01	3800			
0326	233432	261457	No Replacement Repair With Individual Parts.					15		01	2900			
0327	233452	260458	No Replacement Repair With Individual Parts.					15		01	2500			
0328	233452	261458	No Replacement Repair With Individual Parts.					15		01	2900			
0330	233431	260761	No Replacement Repair With Individual Parts.					15		01	2900			
0331	233452	261458	No Replacement Repair With Individual Parts.					15		01	3600			
0332	233431	260615	No Replacement Repair With Individual Parts.					15		01	2900			
0333	233451	26929	No Replacement Repair With Individual Parts.					15		01	3300			
0334	233431	260761	No Replacement Repair With Individual Parts.					15		All	3600			
0335	233451	260764	No Replacement Repair With Individual Parts.					15		01	2500			
0337	233411	260807	No Replacement Repair With Individual Parts.					15		01	2000			

233400 to 233499

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
0338	233431	260761	243431	2520	1	92674	1	93583	15		01	2900		
								1 99458	50					
0340	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
0341	233431	260780	No Replacement Repair With Individual Parts.						15		01	3800		
0342	233431	260762	No Replacement Repair With Individual Parts.						15		01	2900		
0343	233451	260764	No Replacement Repair With Individual Parts.						15		01	3600		
0344	233431	260760	243431	2520	1	260895	1	260885	15		01	3600		
									40					
									50					
0345	233431	260761	No Replacement Repair With Individual Parts.						15		01	3600		
0346	233431	260761	No Replacement Repair With Individual Parts.						15		01	3600		
0347	233401	260761	243431	2520					15		01	3750		
									50					
0348	233431	260778	No Replacement Repair With Individual Parts.						15		01	3600		
0349	233451	260764	No Replacement Repair With Individual Parts.						15		All	2900		
0350	233431	260763	No Replacement Repair With Individual Parts.						15		01	3700		
0611	233431	260761	243431	2520					15		01	2900		
									50					
0616	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
0631	233431	260778	No Replacement Repair With Individual Parts.						15		All	3600		
0632	233431	260760	243431	2520	1	260895	1	260885	15		01	2900		
									50		02	2900		
											03	2900		
											04	3600		
											05	3600		
											06	2900		
											07	3600		
0633	233431	260761	243431	2520					15		01	2900		
									50		02	2900		
											03	2900		
											04	3750		
0634	233431	260762	No Replacement Repair With Individual Parts.						15		All	3800		
0635	233431	260761	243431	2520					15		01	2900		
									50					
0636	233452	261458	No Replacement Repair With Individual Parts.						15		01	2900		
0638	233431	260760	243431	2520	1	260895	1	260885	15		01	2900		
									40					
									50					
0639	233431	260761	243431	2520					15		01	2900		
									50					
0640	233452	261458	No Replacement Repair With Individual Parts.						15		01	2500		
0641	233451	260764	No Replacement Repair With Individual Parts.						15		01	2500		
0642	233431	260762	No Replacement Repair With Individual Parts.						15		All	3600		
0643	233431	260763	No Replacement Repair With Individual Parts.						15		01	3700		
0644	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
0645	233452	261458	No Replacement Repair With Individual Parts.						15		01	3600		
0646	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
0647	233431	260763	No Replacement Repair With Individual Parts.						15		01	3600		
0648	233431	260761	No Replacement Repair With Individual Parts.						15		01	2900		
0650	233431	260760	243431	2520	1	260895	1	260885	15		01	2900		
									40					
									50					
0651	233431	260760	243431	2520	1	260895	1	260885	15		01	3200		
									50					
0652	233431	260761	No Replacement Repair With Individual Parts.						15		01	3600		
1111	233431	260761	243431	2520					15		01	2900		
									50					

233400 to 233499

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
1116	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
1130	233431	260761	243431	2520	1	92674	1	93583	15		01	2900		
								99458	43					
									50					
1131	233431	260761	No Replacement Repair With Individual Parts.						15		01	3600		
1132	233431	260761	243431	2520					15		01	2900		
									50		02	3750		
											03	2900		
											04	2900		
1133	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
											02	3200		
1134	233431	260671	243431	2520					15		01	2900		
									50					
1135	233431	260761	No Replacement Repair With Individual Parts.						15		01	3600		
1136	233431	260762	No Replacement Repair With Individual Parts.						15		All	3800		
1137	233431	260760	243431	2520	1	260895	1	260885	15		01	2900		
									40					
									50					
1138	233431	260760	243431	2520	1	260895	1	260885	15		01	2900		
									50		02	4000		
											03	3600		
											04	2900		
											05	2900		
1139	233452	261458	No Replacement Repair With Individual Parts.						15		01	2900		
1141	233452	261458	No Replacement Repair With Individual Parts.						15		01	3600		
1142	233451	260764	No Replacement Repair With Individual Parts.						15		01	2500		
1143	233411	260807	No Replacement Repair With Individual Parts.						15		01	2000		
1144	233431	260760	243431	2520	1	260895	1	260885	15		01	4000		
									50		02	3600		
1145	233431	260134	No Replacement Repair With Individual Parts.						15		01	3600		
1146	233431	260776	No Replacement Repair With Individual Parts.						15		01	3700		
1147	233431	260761	243431	2520	1	92674	1	93583	15		01	2900		
									43					
									50					
1148	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
1149	233431	260763	No Replacement Repair With Individual Parts.						15		01	3100		
1150	233432	262029	No Replacement Repair With Individual Parts.						15		01	3100		
1151	233451	260764	No Replacement Repair With Individual Parts.						15		01	3300		
1152	233452	261458	No Replacement Repair With Individual Parts.						15		01	3600		
1153	233431	260762	No Replacement Repair With Individual Parts.						15		01	3800		
1154	233432	261422	243432	2561					15		01	3750		
									50					
									53					
1155	233431	260760	243431	2520	1	260895	1	260885	15		All	3600		
									50					
									88					
2020	233431	260761	243431	2520					15		All	2900		
									50					
2021	233431	260760	243431	2520	1	260895	1	260885	15		All	2900		
									50					
2022	233431	260804	No Replacement Repair With Individual Parts.						15		01	2900		
2024	233431	260763	No Replacement Repair With Individual Parts.						15		01	3700		
2026	233431	260762	No Replacement Repair With Individual Parts.						15		All	2900		
2027	233431	260761	No Replacement Repair With Individual Parts.						15		01	2900		
2030	233451	260764	No Replacement Repair With Individual Parts.						15		All	2900		
2031	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
2040	233461	260765	No Replacement Repair With Individual Parts.						15		01	2900		
2041	233452	261458	No Replacement Repair With Individual Parts.						15		All	2900		

233400 to 233499

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
2061	233432	261422	No Replacement Repair With Individual Parts.						15		01	2900		
2520	233431	260761	243431	2520					15		All	2900		
									50					
2521	233431	260760	243431	2520	1	260895	1	260885	15		All	2900		
									50					
2522	233431	260804	No Replacement Repair With Individual Parts.						15		01	2900		
2524	233431	260763	No Replacement Repair With Individual Parts.						15		01	3700		
2526	233431	260762	No Replacement Repair With Individual Parts.						15		All	2900		
2527	233431	260761	No Replacement Repair With Individual Parts.						15		01	2900		
2530	233451	260764	No Replacement Repair With Individual Parts.						15		All	2900		
2531	233451	260764	No Replacement Repair With Individual Parts.						15		01	2900		
2540	233461	260765	No Replacement Repair With Individual Parts.						15		01	2900		
2541	233452	261458	No Replacement Repair With Individual Parts.						15		All	2900		
2561	233432	261422	243432	2561					15		01	2900		
									50					