

**251400 to 251499**

**SERVICE ENGINE**



**SALES MANUAL**

**MODEL 251400 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 15:** For all Go-Karts use only a Model 136200 series engine as a replacement, regardless of the original Model.

**NOTE 30:** If the replacement engine supersedes to or is a Model 200000 series engine, refer to the illustrations located after the conversion data for this model series. To make the crankshaft center line the same add 695154 spacer kit, other overall dimensions which differ, are shown in the illustrations. If after making a visual inspection and it is determined the Model 200000 series engine cannot be used because of equipment interference, the original engine should be repaired with a short block and/or individual parts.

**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:

**251400 to 251499**

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	251412	261336	205432	0036					15 30		01	3600		
0025	251417	261291	205437	0041					15 30		01	3600		
0026	251417	261291	205432	0041					15 30		01	3600		
0070	251412	261326	205432	0038					15 30		All	3800	399022	
0071	251412	261354	No Replacement Repair With Individual Parts.						15		All	3750		
0072	251417	261354	No Replacement Repair With Individual Parts.						15		All	3750		
0111	251412	261336	205432	0036					15 30		01	3600		
0118	251417	261291	No Replacement Repair With Individual Parts.						15		01 02	3600 4000		
0119	251417	261291	205437	0041					15 30		01	3600		
0130	251417	261291	No Replacement Repair With Individual Parts.						15		01	3600		
0131	251417	261291	205437	0041					15 30		01	3800		
0132	251417	261291	No Replacement Repair With Individual Parts.						15		01	3500		
0133	251417	261291	205437	0041					15 30		01	3600		
0134	251417	261291	No Replacement Repair With Individual Parts.						15		All	3600		
0135	251417	261291	No Replacement Repair With Individual Parts.						15		01	3400		
0136	251417	261291	No Replacement Repair With Individual Parts.						15		01	3300		
0137	251417	261291	No Replacement Repair With Individual Parts.						15		01	3300		
0138	251417	261291	No Replacement Repair With Individual Parts.						15		01	3600		
0139	251417	261291	No Replacement Repair With Individual Parts.						15		01	3600		
0140	251417	261291	No Replacement Repair With Individual Parts.						15		01	3400		

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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
0141	251417	261291	No Replacement Repair With Individual Parts.						15		01	3600		
0142	251417	261291	No Replacement Repair With Individual Parts.						15		01	3600		
0143	251417	261291	No Replacement Repair With Individual Parts.						15		01	3600		
0144	251417	261291	205437	0041					15		01	3600		
									30					
0145	251417	261291	No Replacement Repair With Individual Parts.						15		01	4000		
0146	251417	261291	No Replacement Repair With Individual Parts.						15		All	4000		
0147	251411	261326	No Replacement Repair With Individual Parts.						15		All	3800	399022	
0148	251411	261291	No Replacement Repair With Individual Parts.						15		All	3600		
0149	251416	261291	No Replacement Repair With Individual Parts.						15		All	3600		
0150	251417	261291	No Replacement Repair With Individual Parts.						15		01	3600		
0151	251417	261291	No Replacement Repair With Individual Parts.						15		All	3700		
0152	251415	261326	No Replacement Repair With Individual Parts.						15		01	3800	399022	
0153	251417	261291	No Replacement Repair With Individual Parts.						15		01	4000		
0154	251412	261326	205432	0038					15		All	3800	399022	
									30					
0155	251417	261291	No Replacement Repair With Individual Parts.						15		01	3600		
0156	251417	261291	205437	0041					15		01	3000		
									30					
0157	251411	261291	No Replacement Repair With Individual Parts.						15		01	3600		
0158	251412	261326	205432	0038					15		01	3750	399022	
									30					
0159	251417	261291	No Replacement Repair With Individual Parts.						15		01	3400		
0160	251412	261354	No Replacement Repair With Individual Parts.						15		01	3600		
											02	3800		
											03	3700		
0161	251415	261326	No Replacement Repair With Individual Parts.						15		01	3750		
0162	251412	261336	205432	0036					15		01	3600		
									30					
0163	251415	261291	205437	0041					15		01	4000		
									30					
0164	251412	261336	205432	0036					15		01	4000		
									30					
0165	251412	261326	205432	0038					15		01	3700	399022	
									30					
0166	251417	261354	No Replacement Repair With Individual Parts.								01	3600		
0167	251412	261336	205432	0036					15		01	3600		
									30					
0168	251412	261326	No Replacement Repair With Individual Parts.						15		01	3150	399022	
0169	251412	261376	No Replacement Repair With Individual Parts.						15		01	3600		
0170	251412	261326	205432	0038					15		01	3700	399022	
									30					
0171	251412	261326	205432	0036					15		01	3100		
									30					
0172	251417	261291	No Replacement Repair With Individual Parts.						15		01	3400		
0173	251417	261291	205437	0041					15		01	3300		
									30					
0174	251417	261291	No Replacement Repair With Individual Parts.						15		01	4000		
0175	251411	261291	No Replacement Repair With Individual Parts.						15		01	3600		
0176	251417	261291	No Replacement Repair With Individual Parts.						15		01	3300		
0177	251417	261336	No Replacement Repair With Individual Parts.						15		01	3800		
0178	251412	261336	205432	0036					15		All	3600		
									30					
0179	251412	261336	205432	0036					15		01	3600		
									30					
0180	251412	261336	205432	0036					15		01	3600		
									30					

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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
0181	251412	261336	205432	0036					15 30		01	3500		
0182	251417	261291	No Replacement Repair With Individual Parts.						15		01	3300		
0183	251417	261291	No Replacement Repair With Individual Parts.						15		01	3500		
0184	251417	261291	No Replacement Repair With Individual Parts.						15		01	3300		
0185	251417	261291	No Replacement Repair With Individual Parts.						15		01	3600		
0186	251417	261291	No Replacement Repair With Individual Parts.						15		01	3400		
0187	251412	261354	No Replacement Repair With Individual Parts.								01	3600		
0188	251417	261336	205437	0041					15 30		01	3500		
0189	251417	261291	205437	0041					15 30		01	3600		
0190	251417	261336	205437	0041					15 30		01	4000		
0191	251412	261326	205432	0038					15 30		01	3750	399022	
0192	251416	261461	No Replacement Repair With Individual Parts.						15		01	3750		
0193	251412	261336	No Replacement Repair With Individual Parts.						15		01	3300		
0194	251412	261336	No Replacement Repair With Individual Parts.						15		01	3800		
0195	251412	261336	No Replacement Repair With Individual Parts.						15		01	3600		
0196	251415	261326	No Replacement Repair With Individual Parts.						15		01	3800	399022	
0197	251412	261336	205432	0036					15 30		01 01	3600 3750		
0198	251415	261291	No Replacement Repair With Individual Parts.						15		01	3700		
0199	251412	261326	205432	0038					15 30		All	3000	399022	
0200	251417	261336	No Replacement Repair With Individual Parts.								01 02	4000 3100		
0201	251417	261291	No Replacement Repair With Individual Parts.						15		01	3600		
0202	251417	261336	No Replacement Repair With Individual Parts.						15		01	3800		
0203	251417	261291	No Replacement Repair With Individual Parts.						15		01	3300		
0204	251412	261336	205432	0038					15 30		01	3100	399022	
0205	251412	261336	205432	0036					15 30		01	4000		
0206	251417	261326	No Replacement Repair With Individual Parts.						15		01	3750	399022	
0207	251415	261326	No Replacement Repair With Individual Parts.						15		All	3000	399022	
0208	251412	261326	205432	0038					15 30		01	3000	399022	
0209	251417	261326	No Replacement Repair With Individual Parts.						15		All	3100	399022	
0210	251417	261291	No Replacement Repair With Individual Parts.						15		01	4000		
0211	251415	261326	No Replacement Repair With Individual Parts.						15		01	3700	399022	
0212	251412	261354	No Replacement Repair With Individual Parts.						15		01	3600		
0213	251417	261354	No Replacement Repair With Individual Parts.								01	3600		
0214	251412	261326	205432	0038					15 30		01	3100	399022	
0215	251415	261336	205437	0041					15 30		01	4000		
0216	251417	261336	205437	0041					15 30		01	4000		
0217	251411	261291	No Replacement Repair With Individual Parts.						15		01	3600		
0218	251412	261326	205432	0038					15 30		01	3200	399022	
0219	251415	261326	No Replacement Repair With Individual Parts.						15		01	3750	399022	
0220	251412	261376	No Replacement Repair With Individual Parts.						15		01	3750		
0223	251411	261291	No Replacement Repair With Individual Parts.						15		01	3750		
0224	251417	261336	No Replacement Repair With Individual Parts.						15		01	3600		

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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
0225	251415	261291	No Replacement Repair With Individual Parts.						15		01	3600		
											01	3700		
0226	251412	261326	205432	0038					15		01	3700	399022	
									30					