

235400 to 235499**SERVICE ENGINE****SALES MANUAL****MODEL 235400 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 48: Remove Fuel Tank Assembly from replacement engine.

NOTE 78: Transfer Fuel Tank Assembly from the original engine 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:

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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
0035	235432	715342	STD.						15		All	3600	499535	
0037	235432	715432	235432	0235					15 48 88		All	3600	499535	
0042	235432	715343	245432	0042					15		All	3800		
0043	235437	715344	245437	0284	1	715342	1	715344	15		All	3600		
0047	235432	715344	245432	0247					15		All	3600	499536	
0058	235432	715343	245432	0070					15		All	3150	499537	
0070	235432	715343	245432	0070					15		All	3800	499537	
0071	235432	715343	245432	0070					15 48		All	3800	499537	
0074	235437	715343	245437	0284	1	710567	1	710655	15		All	3800		
					1	715342	1	715343						
0076	235437	715342	245437	0284					15		All	3600	499538	
0080	235437	715343	245437	0284	1	715342	1	715343	15		All	3150		
0083	235432	715343	245432	0042	1	710655	1	710580	15 78 88		All	3150		
0084	235437	715342	245437	0284					15		All	3600	499538	
0090	235432	715343	245432	0070	1	710655	1	710580	15		All	3150	499537	
0120	235432	715342	235432	0235					15		All	3600	499535	
0121	235432	715342	235432	0235					15		All	3600	499535	
0122	235436	715342	245437	0284					15		All	3600	499538	
0123	235432	715342	235432	0235					15		All	3600	499535	
0124	235437	715432	245437	0284					15		All	3600	499535	
0235	235432	715342	STD.						15		All	3600	499535	
0247	235432	715344	245432	0247					15		All	3600	499536	
0276	235437	715342	245437	0284					15		All	3600	499538	

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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
0280	235437	715343	245437	0284	1	715342	1	715343	15		All	3150		
0284	235437	715432	245437	0284					15		All	3600	499538	
0290	235432	715343	245432	0270	1	710655	1	710580	15		All	3150	499537	
0520	235432	715342	235432	0235					15		All	3600	499535	
0521	235432	715432	235432	0235					15		All	3600	499535	
0535	235432	715432	235432	0235					15		All	3600	499535	
0540	235432	715432	235432	0235					15		All	4000	499535	
0549	235432	715432	235432	0235					15		All	3600	499535	
0561	235432	715344	245432	0247					15		All	4000	499536	
0563	235432	715343	245432	0270	1	710655	1	710580	15		All	3150	499537	
0595	235432	715343	245432	0270					15 48 88		All	3800	499537	
0596	235432	715343	245432	0270					15 48		All	3750	499537	
0597	235432	715343	245432	0270	1	710655	1	710580	15 48		All	3150	499537	
0599	235432	715343	245432	0270					15 48 88		All	3800	499537	