

205400 to 205499**SERVICE ENGINE****SALES MANUAL****MODEL 205400 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 16: Gear Red. @ 12 o'clock.

NOTE 42: Original engine was equipped special Remote Throttle Control or Governor Control. Transfer these parts to replacement engine.

NOTE 48: Remove Fuel Tank Assembly from replacement engine.

NOTE 76: Transfer Flywheel, Blower Housing, Alternator and/or Gear Drive Electric Starter and Panel Assembly to replacement engine.

NOTE 81: Transfer Governor Spring to 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

NOTE 90: Transfer Oil Sensor to the replacement engine.

NOTE 97: Transfer the Blower Housing, Rewind Assembly and related parts from the original engine to replacement engine.

NOTE 101: Transfer the Extended Oil Fill Tube and Dipstick Assembly to the replacement engine.

NOTE 118: The original engine was equipped with a weather guard. Transfer all related parts to the replacement engine.

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	205432	695818	STD.						15		All	3600	696098	
0036	205432	695369	STD.						15		All	3600	696095	
0038	205432	694678	STD.						15		All	3750	696096	
0041	205437	695369	STD.						15		All	3600	696095	
0049	205452	695817	STD.						15		All	3600	696097	
0050	205457	695817	STD.						15		All	3600	696097	
0112	205457	695817	205457	0050					15 90		All	3600	696097	
0113	205412	695369	205432	0036					15 81		All	3600	696095	
0114	205432	695369	205432	0036					15		All	3600	696095	
0115	205432	695462	206432	0036					15 81 97		All	4000	696094	
0116	205412	694678	205432	0038					15 48 81 90		All	3150	696096	
0117	205412	695369	205432	0036					15		All	3600	696095	
0118	205437	694678	205432	0038					15 48 76		All	3750	696096	

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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
0119	205436	695369	205432	0036					15 76 81		All	3600	696095	
0120	205412	695369	205432	0036					15 48		All	3600	696095	
0121	205412	696512	205432	0036	1	694951	1	695372	15		All	3600		
					1	695369	1	696512						
0122	205412	695369	205432	0036					15		All	3600	696095	
0123	205417	695369	205437	0041					15		All	3800	696095	
0124	205437	695369	205437	0041					15 48 81	0124	All	3800	696095	
0125	205412	695369	205432	0036					15		All	3800	696095	
0126	205412	695306	206432	0036	1	695372	1	694951	15		All	3600		
					1	695434	1	695306						
					1	695462								
0127	205412	695369	205432	0036					15		All	3800	696095	
0128	205412	695369	205432	0036					15		All	3600	696095	
0129	205412	695369	205432	0036					15		All	3800	696095	
0130	205412	694678	205432	0038					15 48		All	3750	696096	
0131	205412	694678	205432	0038					15 48 90		All	3750	696096	
0132	205432	695369	205432	0036					15		All	3600	696095	
0133	205412	695369	205432	0036					15		All	3600	696095	
0134	205412	695369	205432	0036					15		All	3600	696095	
0135	205412	695369	205432	0036					15 90		All	3600	696095	
0136	205432	695369	205432	0036					15 90		All	3600	696095	
0137	205432	695818	205432	0035					15		All	3600	696098	
0138	205432	695818	205432	0035					15		All	3600	696098	
0139	205432	695818	205432	0035					15		All	3600	696098	
0140	205412	694678	205432	0038					15 48 90		All	3750	696096	
0141	205432	695462	206432	0036					15 81		All	4000	696094	
0142	205432	695818	205432	0035					15 90		All	3600	696098	
0143	205437	695369	205437	0041					15		All	3600	696095	
0144	205437	695369	205437	0041					15		All	3600	696095	
0145	205432	695369	205432	0036					15		All	3600	696095	
0146	205432	695369	205432	0036					15 81		All	4000	696095	
0147	205432	695369	205432	0036					15		All	3600	696095	
0148	205437	695369	205437	0041					15		All	3800	696095	
0149	205432	695369	205432	0036					15		All	3600	696095	
0150	205437	695369	205437	0041					15		All	3600	696095	
0151	205412	695462	206432	0036					15		All	3900	696094	
0152	205412	694678	205432	0038					15 48 90		All	3750	696096	
0153	205412	694678	205432	0038					15 90		All	3750	696096	

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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
0154	205412	694678	205432	0038					15 90		All	3750	696096	
0155	205417	694678	205432	0038					15 76 90		All	3750	696096	
0156	205417	694678	205432	0038					15 48 76 90		All	3750	696096	
0157	205436	695369	205432	0036					15 76		All	3600	696095	
0158	205437	695306	205437	0041					15 81		All	3150		
0159	205432	694678	205432	0038					15 81 90		All	3150	696096	
0160	205412	694678	205432	0038					15 48 90		All	3750	696096	
0161	205412	695369	205432	0036					15		All	3600	696095	
0162	205432	694678	205432	0038					15 81 90		All	3150	696096	
0163	205432	694678	205432	0038					15 81		All	3150	696096	
0164	205432	695369	205432	0036					15 90		All	3600	696095	
0165	205432	695818	205432	0035					15 81 90		All	3150	696098	
0166	205432	695818	205432	0035					15 90		All	3600	696098	
0167	205412	695369	205432	0036					15		All	3800	696095	
0168	205432	695462	206432	0036					15		All	3600	696094	
0169	205437	695369	205437	0041					15		All	3600	696095	
0170	205452	695817	205452	0049					15		All	3600	696097	
0171	205432	695462	206432	0036					15 90		All	3600	696094	
0172	205437	695462	206437	0041					15 90 101		All	3600	696094	
0173	205412	695462	206432	0036					15		All	3600	696094	
0174	205437	694678	205432	0038					15 76 81 90		All	3150	696096	
0175	205412	694678	205432	0038					15 48 90		All	3750	696096	
0176	205432	694678	205432	0038					15 48		All	3750	696096	
0177	205412	694678	205432	0038					15 48 88 90		All	3750	696096	
0178	205412	694678	205432	0038					15 48 88 90		All	3750	696096	

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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
0179	205412	694678	205432	0038					15 48 90		All	3750	696096	
0180	205437	695369	205437	0041					15 90 101		All	3600	696095	
0181	205437	695369	205437	0041					15 90		All	3600	696095	
0182	205412	694678	205432	0038					15 48 88 90 101		All	3750	696096	
0183	205432	695462	206432	0036					15		All	3600	696094	
0184	205412	694678	205432	0038					15 48 90		All	3750	696096	
0185	205437	695369	205437	0041					15 88 101		All	3600	696095	
0186	205437	694678	205437	0041	1	695369	1	694678	15 81 88 101	0186	All	3150	696096	
0187	205412	694678	205432	0038					15 48 90		All	3750	696096	
0188	205412	694678	205432	0038					15 48 88 90 97 101		All	3750	696096	
0190	205412	694678	205432	0038					15 81 88 90		All	3150	696096	
0191	205412	694678	205432	0038					15 81 88 90		All	3150	696096	
0192	205412	694678	205432	0038					15 81 88 90		All	3150	696096	
0194	205412	694678	205432	0038					15 48 90 118		All	3750	696096	
0195	205452	695817	205452	0049					15 76 88		All	3600	696097	
0196	205432	695818	205432	0035					15 88 90		All	3600	696098	
0197	205432	695462	205432	0036	1	695369	1	695462	15 88 90 101	0197	All	3600	696094	

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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
0198	205437	695462	205437	0041	1	695369	1	695462	15 88 90 101	0198	All	3600	696094	
0199	205432	695369	205432	0036					15 88 90 101		All	3600	696095	
0200	205432	695369	205432	0036					15 88 90 101		All	3600	695095	
0201	205432	695369	205432	0036					15 88 90 101		All	3600	696095	
0202	205412	695369	205432	0036					15		All	3600	696095	
0203	205412	695462	205432	0036	1	695369	1	695462	15 97		All	3600	696094	
0204	205437	695369	205437	0041					15 42 88 101		All	3600	696095	
0205	205412	694678	205432	0038					15 48 88 90 97 118		All	3750	696096	
0208	205412	694678	205432	0038					15 88 90		All	3750	696096	
0209	205412	695369	205432	0036					15 88		All	3800	696095	
0211	205432	694678	205432	0038					15 81 88 90		All	3150	696096	
0227	205432	695369	205432	0036					15 48 88		All	3600	696095	
0228	205412	695369	205432	0036					15 48 88		All	3600	696095	
0229	205437	695369	205437	0041					15 42 88 101		All	3600	696095	
0230	205412	696512	205432	0036	1	695369	1	696512	15 97 101		All	3600		
					1	695372	1	696914						
					1	695434								
0232	205432	694678	205432	0038					15 90		All	3600	696096	
0278	205412	695306	205432	0036	1	695369	1	695306	15 88		All	3600		
0299	205412	695462	206432	0036					15		All	3600	696094	