

132400 to 132499

SERVICE ENGINE  **SALES MANUAL**

**MODEL 132400 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 17:** Gear Red. @ 3 o'clock.
- NOTE 22:** If the gear reduction parts are suitable for additional service, use model 121412 type no. 0014 and transfer the reduction parts from the original engine.
- NOTE 25:** If the replacement engine supersedes to or is a Model 120000 series engine, refer to the illustrations located after the conversion data for this model series. the overall dimensions that differ, are shown in the illustrations. If after making a visual inspection and it is determined the Model 120000 series engine cannot be used because of equipment interference, the original engine should be repaired with 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:

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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
0111	132432	493898	121332	0036					15 25		01	3600		
0115	132432	397090	121332	0033					15 25		01	3300	694196	
0116	132452	493770	121352	0049					15 22 25		01	3600		
0117	132492	397084	No Replacement Repair With Individual Parts.						15		01	3600		
0121	132432	492089	121332	0035					15 25		01	3600	694195	
0130	132432	493898	No Replacement Repair With Individual Parts.						15		01	3600		
0131	132432	493898	121332	0036					15 25		01	3200		
0132	132431	492089	121332	0035					15 25		01	3600	694195	
0133	132432	397090	No Replacement Repair With Individual Parts.						15		01	3150	694196	
0134	132432	397090	No Replacement Repair With Individual Parts.						15		01	3150	694196	
0135	132432	397090	121332	0033					15 25		01	3150	694196	
0136	132432	493898	121332	0036					15 25		01	3300		
0200	132432	492089	121332	0035					15 25		All	3600	694195	
0201	132432	493898	121332	0036					15 25		99	3600		
0202	132431	493898	121332	0036					15 25		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
0203	132432	397090	121332	0033					15 25		All	3800	694196	
0204	132432	397090	121332	0033					15 25		01	3300	694196	
0205	132432	397090	No Replacement Repair With Individual Parts.						15		01	3700	694196	
0206	132432	493898	121332	0036					15 25		99	3600		
0207	132437	397099	No Replacement Repair With Individual Parts.						15		01	3000		
0208	132437	397099	No Replacement Repair With Individual Parts.						15		01	3000		
0209	132432	493898	121332	0036					15 25		All	3600		
0210	132452	493770	121352	0049					15 17 22 25		01	3200		
0211	132452	493770	121352	0049					15 17 22 25		01	3200		
0212	132432	493898	No Replacement Repair With Individual Parts.						15		01	4000		
0213	132432	493898	121332	0036					15 25		01	3200		
0214	132432	493898	121332	0036					15 25		01	3400		
0215	132432	397090	No Replacement Repair With Individual Parts.						15		01	3150	694196	
0217	132431	493898	121332	0036					15 25		01 02	3000 3600		
0218	132432	397090	121332	0033					15 25		01	3300	694196	
0219	132452	493770	121352	0049					15 17 22 25		01	3200		
0220	132432	493898	121332	0036					15 25		01	3800		
0221	132432	493898	121332	0036					15 25		01	3600		
0222	132412	397084	No Replacement Repair With Individual Parts.						15		01	3500		
0223	132431	492089	No Replacement Repair With Individual Parts.						15		01	3600	694195	
0224	132412	398318	121312	0060					15 25		01	3400		
0225	132432	397090	121332	0033					15 25		01	3150	694196	
0226	132432	492089	No Replacement Repair With Individual Parts.						15		01	3600	694195	
0227	132432	493898	No Replacement Repair With Individual Parts.						15		01	3600		
0228	132431	492089	121332	0035					15 25		All	3600	694195	
0229	132436	397099	No Replacement Repair With Individual Parts.						15		01	3600		
0230	132432	397090	121332	0033					15 25		01	3300	694196	
0231	132431	492089	121332	0035					15 25		All	3600	694195	
0232	132432	493898	121332	0036					15 25		01	3000		
0233	132432	493898	121332	0036					15 25		01	4000		
0234	132432	397090	121332	0033					15 25		01	3150	694196	

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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
0235	132432	493898	121332	0036					15 25		01	3300		
0236	132432	493898	121332	0036					15 25		01	3600		
0237	132432	397101	No Replacement Repair With Individual Parts.						15		01	3600		
0238	132431	492089	121332	0035					15 25		01	3600	694195	
0239	132437	397099	No Replacement Repair With Individual Parts.						15		01	2900		
0240	132432	493898	121332	0036					15 25		01	3600		
0241	132432	492089	No Replacement Repair With Individual Parts.						15		01	3600	694195	
0242	132452	493770	121352	0049					15 22 25		01	3100		
0243	132432	492089	No Replacement Repair With Individual Parts.						15		01	4000	694195	
0244	132432	397090	121332	0033					15 25		01	3600	694196	
0245	132432	493898	121332	0036					15 25		01	3600		
0246	132432	493898	121332	0036					15 25		01	2600		
0247	132432	397090	121332	0033					15 25		01	3750	694196	
0248	132432	397090	121332	0033					15 25		01	3150	694196	
0249	132432	397090	121332	0033					15 25		01	3150	694196	
0250	132432	493898	121332	0036					15 25		01	3200		
0251	132432	493898	121332	0036					15 25		01	3200		
0252	132432	493898	121332	0036					15 25		01	2600		
0253	132432	397090	121332	0033					15 25		01	3150	694196	
0254	132432	493898	121332	0036					15 25		01	3600		
0255	132432	397101	No Replacement Repair With Individual Parts.						15		01	3600		
0256	132432	397090	121332	0033					15 25		01	3000	694196	
0257	132432	397090	121332	0033					15 25		All	3150	694196	
0258	132432	492089	No Replacement Repair With Individual Parts.						15		01	3200	694195	
0259	132432	493898	No Replacement Repair With Individual Parts.						15		01	3600		
0260	132432	493898	No Replacement Repair With Individual Parts.						15		01	3600		
0261	132412	494035	No Replacement Repair With Individual Parts.						15		01	3600	496821	
0262	132436	397099	No Replacement Repair With Individual Parts.						15		01	3750		
0263	132432	397090	121332	0033					15 25		01	3150	694196	
0264	132412	493980	121332	0033					15 25		01	3750	694196	
0265	132432	397090	121332	0033					15 25		01	3150	694196	
0266	132432	493980	121332	0033					15 25		01	3150	694196	
0267	132431	492089	121332	0035					15 25		01	3600	694195	

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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
0268	132432	492089	121332	0035					15 25		01	3600	694195	
2035	132432	492089	121332	0035					15 25		01	4000	694195	
2036	132432	493898	121332	0036					15 25		01	4000		
2038	132432	397090	121332	0033					15 25		01	3700	694196	
2049	132452	493770	121352	0049					15 22 25		All	4000		
2080	132431	492089	No Replacement Repair With Individual Parts.						15		01	4000	694195	
2135	132432	492089	121332	0035					15 25		01	4000	694195	
2136	132432	493898	121332	0036					15 25		All	4000		
2138	132432	397090	121332	0033					15 25		01 02	3700 3150	694196	
2149	132452	493770	121352	0049					15 22 25		All	4000		
2180	132431	492089	No Replacement Repair With Individual Parts.						15		01	4000	694195	
2181	132431	493898	No Replacement Repair With Individual Parts.						15		01	4000		
4001	132432	397090	121332	0033					15 25		All	3150	694196	
4002	132432	397090	121332	0033					15 25		All	3750	694196	
4003	132432	492089	121332	0035					15 25		All	3600	694195	
4004	132432	493898	121332	0036					15 25		01	3600		
4005	132452	493770	121352	0049					15 22 25		All	3200		
4006	132412	398318	No Replacement Repair With Individual Parts.						15		01	3400		
4007	132432	397090	121332	0033					15 25		All	3150	694196	
4008	132432	492089	121332	0035					15 25		All	3300	694195	
4009	132432	493898	121332	0036					15 25		All	3600		
4010	132432	493898	121332	0036					15 25		01 02 03	2700 2600 2600		
4011	132432	397101	No Replacement Repair With Individual Parts.						15		01	3600		
4012	132432	493898	121332	0036					15 25		01 02 03	3600 3400 3600		
4013	132437	396820	No Replacement Repair With Individual Parts.						15		01	3150		
4035	132432	492089	121332	0035					15 25		01	3600	694195	
4036	132432	493898	121332	0036					15 25		All	3600		
4037	132432	492089	121332	0035					15 25		01	3250	694195	
4038	132432	397090	121332	0033					15 25		All	3750	694196	

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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
4039	132432	492089	121332	0033					15 25		01	3250	694195	
4049	132452	493770	121352	0049					15 25		01	3600		

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