

**133200 to 133299**

**SERVICE ENGINE**



**SALES MANUAL**

**MODEL 133200 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 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:

**NOTE R:** Cut off 1-7/16" on Flywheel end of Crankshaft.

**133200 to 133299**

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
0001	133212	397095	121312	0014					15 25		All	2800		
0002	133232	495645	121332	0036					15 25		01	3600		
0003	133232	495645	121332	0036					15 25		All	3600		
0005	133232	495645	121332	0036					15 25		01	4000		
0007	133232	495643	121332	0033					15 25		All	3150	694196	R
0008	133232	495642	No Replacement Repair With Individual Parts.						15		All	4000		
0009	133252	397095	121352	0049					15 22 25		All	3600		
0010	133232	495645	121332	0036					15 25		All	3600		
0011	133232	495644	121332	0035					15 25		All	4000	694195	R
0013	133232	495645	121332	0036					15 25		All	3600		
0014	133232	495643	121332	0033					15 25		All	3150	694196	R
0019	133292	492088	No Replacement Repair With Individual Parts.						15		01	3600		
0020	133237	495645	121337	0050					15 25		01	2900		
0021	133237	495645	121337	0050					15 25		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	
0024	133212	397095	121312	0014					15 25		01	3600			
0026	133232	495645	121332	0036					15 25		01	3800			
0027	133252	397095	121352	0049					15 22 25		01	3600			
0035	133232	495644	121332	0035					15 25		All	4000	694195	R	
0036	133232	495645	121332	0036					15 25		01 02 04 07 09 10 11	3600 3750 3600 3600 4000 3600 3600			
0038	133232	495643	121332	0033					15 25		01 02	3750 3800	694196	R	
0040	133232	495645	121332	0036					15 25		01	4000			
0049	133252	397095	121352	0049					15 22 25		All	3600			
0050	133237	495645	121337	0050					15 25		01	3600			
0060	133212	495649	121312	0060					15 25		01	4000			
0061	133232	495643	121332	0033					15 25		01	3150	694196	R	
0062	133232	495644	121332	0035					15 25		01	4000	694195	R	
0063	133252	397095	121352	0049					15 25		01	3600			
0064	133232	495645	121332	0036					15 22 25		01	3600			
0065	133232	495645	121332	0036					15 25		01	3600			
0066	133232	495645	121332	0036					15 25		01	3600			
0070	133232	495644	121332	0035					15 25		01	4250	694195	R	
0071	133232	495642	No Replacement Repair With Individual Parts.							15		01	4000		
0072	133232	495644	121332	0035					15 25		01	4250	694195	R	
0090	133232	495645	121332	0036					15 25		01	3600			
0091	133232	495644	121332	0035					15 25		01	4000	694195	R	
0111	133232	495645	121332	0036					15 25		01	4000			
0112	133252	397095	121352	0049					15 22 25		01	4000			
0113	133212	492088	121312	0023					15 25		01	3600			
0114	133232	495645	121332	0036					15 25		All	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
0115	133232	495643	121332	0033					15 25		01	3150		
0116	133212	494035	No Replacement Repair With Individual Parts.						15		All	3750	496821	R
0117	133232	495644	121332	0035					15 25		All	4000	694195	R
0118	133232	495645	121332	0036					15 25		01	3600		
0120	133212	495649	121312	0060					15 25		01	4000		
0121	133212	495649	121312	0060					15 25		01	3700		
0122	133212	495649	121312	0060					15 25		01	4000		
0123	133232	495644	121332	0035					15 25		01	4000	694195	R
0124	133202	397103	No Replacement Repair With Individual Parts.						15		All	3600		
0125	133232	495642	No Replacement Repair With Individual Parts.						15		01	3600		
0126	133232	495645	121332	0036					15 25		01	3600		
0127	133212	495649	121312	0060					15 25		01	3500		
0128	133232	495645	121332	0036					15 25		01	3600		
0129	133237	495645	121337	0050					15 25		01	4000		
0130	133232	495645	121332	0036					15 25		01	4000		
0131	133212	494035	No Replacement Repair With Individual Parts.						15		01	3750	496821	R
0132	133232	495645	121332	0036					15 25		01	3600		
0133	133232	495644	121332	0035					15 25		01	3600	694195	R
0134	133232	495645	121332	0036	1	693206	1	692571	15 25		01	3150		
0135	133232	495645	121332	0036	1	693206	1	692571	15 25		01	2900		
0136	133237	495645	121337	0050					15 25		01	3800		
0137	133212	495649	121312	0060					15 25		01	3600		
0138	133232	495643	121332	0033					15 25		01	3150	694196	R
0139	133232	495645	121332	0036					15 25		01	3600		
0140	133212	495845	No Replacement Repair With Individual Parts.						15		01	3600	694199	
0141	133232	495645	121332	0036					15 25		01	3600		
0142	133212	495649	121312	0060					15 25		01	3600		
0143	133237	495645	121337	0050					15 25		01	3800		
0144	133213	495649	No Replacement Repair With Individual Parts.						15		01	4000		
0145	133232	495643	121332	0033					15 25		01	3150	694196	R
0146	133232	495644	121332	0035					15 25		01	4000	694195	R
0147	133232	495645	121332	0036					15 25		01	4000		

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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
0148	133232	495643	121332	0033					15 25		01	3150	694196	R
0149	133232	495645	121332	0036					15 25		01	3600		
0150	133232	495645	121332	0036	1	693206	1	692571	15 25		All	2900		
0151	133232	495645	121332	0036					15 25		01	3600		
0152	133232	495645	121332	0036					15 25		01	4000		
0153	133237	495645	121337	0050					15 25		All	3600		
0154	133217	492088	No Replacement Repair With Individual Parts.						15		01	2900		
0155	133232	495645	121332	0036					15 25		All	3600		
0156	133202	492088	121332	0036					15 25		01	3200		
0157	133232	495645	121332	0036					15 25		01	2900		
0158	133212	494035	No Replacement Repair With Individual Parts.						15		01	3750	496821	R
0159	133212	492088	121332	0036					15 25		01	3750		
0160	133212	495649	121312	0060					15 25		01	3700		
0161	133212	492088	121312	0023					15 25		01	3600		
0162	133232	495645	121332	0036					15 25		01	3600		
0163	133232	495645	121332	0036					15 25		01	3600		
0302	133232	495645	121332	0036					15 25		A1	3600		
0313	133232	495645	121332	0036					15 25		A1	3600		
0324	133212	397095	121312	0014					15 25		A1	3600		
0335	133232	495644	121332	0035					15 25		A1	4000	694195	R
0336	133232	495645	121332	0036					15 25		02 A1	3750 3600		
0338	133232	495643	121332	0033					15 25		A1	3800	694196	R
0349	133252	397095	121352	0049					15 22 25		All	3600		
0350	133237	495645	121337	0050					15 25		A1	3600		
0360	133212	495649	121312	0060					15 25		A1	4000		
0512	133252	397095	121352	0049					15 22 25		A1	4000		
0514	133232	495645	121332	0036					15 25		A1	3600		
0516	133212	494035	No Replacement Repair With Individual Parts.						15		A2	3750	496821	R
0518	133232	495645	121332	0036					15 25		A1	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
0522	133212	495649	121312	0060					15 25		A1	4000		
0524	133202	397103	No Replacement Repair With Individual Parts.						15		A1	3600		
0525	133212	499068	121312	0060					6 15 25		A1	3800		
0526	133212	495649	121312	0060					15 25		A1	4000		
0550	133237	495645	121337	0050					15 25		All	3600		
1002	133232	495645	121332	0036					15 25		E1	3600		
1012	133252	397095	121352	0049					15 22 25		All	4000		
1013	133232	495645	121332	0036					15 25		E1	3600		
1014	133232	495643	121332	0033					15 25		E1	3150	694196	R
1015	133232	495645	121332	0036					15 25		E1	3600		
1024	133212	397095	121312	0014					15 25		E1	3600		
1029	133232	495644	121332	0035					15 25		E1	4000	694195	R
1035	133232	495644	121332	0035					15 25				694195	R
1036	133232	495645	121332	0036					15 25		E1	36000		
1038	133232	495643	121332	0033					15 25		E1	3800	694196	R
1040	133232	495645	121332	0036					15 25		E1	4000		
1049	133252	397095	121352	0049					15 22 25		All	3600		
1050	133237	495645	121337	0050					15 25		E1	3600		
1060	133212	495649	121312	0060					15 25		All	4000		
1063	133252	397095	121352	0049					15 22 25		All	3600		
1064	133232	495645	121332	0036					15 25		E1	3600		
1117	133232	495644	121332	0035					15 25		E2	4000	694195	R
1118	133232	495645	121332	0036					15 25		E1	3600		
1125	133212	692142	121312	0060					6 15 25		E1	3800		
1126	133232	495645	121332	0036					15 25		E1	3600		
1130	133252	397095	121352	0049					15 22 25		E1	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
1140	133252	397095	121352	0049					15 17 22 25		All	3600		
1143	133237	495645	121337	0050					15 25		E1	3600		
1151	133232	495645	121332	0036					15 25		E1	3600		
1163	133232	495645	121332	0036					15 25		E1	3600		
1164	133212	499068	121312	0060					6 15 25		E1	3800		
8003	133232	495645	No Replacement Repair With Individual Parts.											
8004	133230	495645	No Replacement Repair With Individual Parts.											
8014	133230	495645	No Replacement Repair With Individual Parts.											
8124	133230	495645	No Replacement Repair With Individual Parts.											
8134	133230		No Replacement Repair With Individual Parts.											

**MODEL 133200**

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