

143300 to 143499**SERVICE ENGINE****SALES MANUAL****MODEL 143300 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 1: Cut off PTO shaft so it is 1-3/4" long from shoulder to outer end.

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 17: Gear Red. @ 3 o'clock.

NOTE 21: If the Gear Reduction parts are suitable for additional service, use Model 196412 Type No. 1024.

NOTE 113: Gear Red. @ 6 o'clock.

NOTE 116: If necessary, to make the original engine crankshaft center line the same add 695154 spacer kit.

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:

143300 to 143499

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
0110	143301	260607	202432	0036					15 116		All	3600		
0111	143302	260607	202432	0036					15 116		All	3600		
0112	143304	260607	202437	0041					15 116		All	3600		
0113	143305	260607	202437	0041					15 116		All	3600		
0114	143307	260607	202437	0041					15 116		All	3600		
0115	143331	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0116	143332	260358	No Replacement Repair With Individual Parts.						15		All	3700		
0120	143351	260389	202452	0049					15 116		All	3600		
0121	143352	260389	202452	0049					15 116		All	3600		
0123	143355	260389	202452	0049					15 116		All	3600		
0125	143401	260425	No Replacement Repair With Individual Parts.						15		All	3600		
0126	143402	260425	No Replacement Repair With Individual Parts.						15		All	3600		
0127	143431	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0128	143432	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0129	143302	260607	202432	0036					15 116					
0130	143307	260607	No Replacement Repair With Individual Parts.						15					
0131	143407	260425	No Replacement Repair With Individual Parts.						15		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
0132	143334	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0133	143335	260425	203437	0041					15		All	3600		
									116					
0134	143337	260358	No Replacement Repair With Individual Parts.						15		All	4000		
0135	143337	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0136	143430	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0137	143434	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0138	143435	260508	No Replacement Repair With Individual Parts.						15		All	3600		
0139	143357	260389	No Replacement Repair With Individual Parts.						15		All	4000		
0140	143357	260389	No Replacement Repair With Individual Parts.						15		All	3600		
0141	143451	260389	202452	0049					15		All	3600		
									116					
0142	143452	260389	202452	0049					15		All	3600		
									116					
0143	143331	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0144	143302	260607	202432	0036					15		All	4000		
									116					
0145	143302	260607	202432	0036					15		All	4000		
									116					
0146	143402	260472	No Replacement Repair With Individual Parts.						15		All	3800		
0147	143331	260425	201432	0036					15		All	3600		
									116					
0148	143332	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0149	143402	260472	No Replacement Repair With Individual Parts.						15		All	3600		
0150	143332	260609	No Replacement Repair With Individual Parts.						15		All	3600		
0151	143332	260425	201432	0036					15		All	2600		
									116					
0152	143302	260607	202432	0036					15		All	3600		
									116					
0153	143302	260607	202432	0036					15		All	3600		
									116					
0154	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0155	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0156	143332	260472	No Replacement Repair With Individual Parts.						15		All	4000		
0157	143431	260425	201432	0036					15		All	4000		
									116					
0158	143332	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0159	143351	260389	202452	0049					15		All	3600		
									17					
									116					
0160	143302	260607	202432	0036					15		All	4000		
									116					
0161	143331	260423	No Replacement Repair With Individual Parts.						15		All	2700		
0162	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0163	143302	260607	202432	0036					15					
									116					
0164	143352	260389	202452	0049					15		All	2800		
									17					
									116					
0165	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0166	143432	260472	No Replacement Repair With Individual Parts.						15		All	3600		
0167	143332	260423	No Replacement Repair With Individual Parts.						15		All	3600		
0168	143431	260425	201432	0036					15		All	3600		
									116					
0169	143302	260607	No Replacement Repair With Individual Parts.						15		All	4100		
0170	143432	260359	No Replacement Repair With Individual Parts.						15		All	3680		
0171	143431	260358	No Replacement Repair With Individual Parts.						15		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
0172	143432	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0173	143302	260607	202432	0036					15		All	3600		
									116					
0174	143302	260607	202432	0036					15		All	3600		
									116					
0175	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0176	143331	260358	No Replacement Repair With Individual Parts.						15		All	3300		
0177	143402	260609	No Replacement Repair With Individual Parts.						15		All	3600		
0178	143352	260389	202452	0049					15		All	3800		
									17					
									116					
0179	143302	260607	202432	0036					15		All	4000		
									116					
0180	143331	260425	201432	0036					15		All	3600		
									116					
0181	143351	260389	202452	0049					15		All	3600		
									16					
									116					
0182	143432	260467	No Replacement Repair With Individual Parts.						15		All	4000		
0183	143332	260425	201432	0036					15		All	3600		
									116					
0184	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0185	143352	260389	202452	0049					15		All	3600		
									113					
									116					
0186	143331	260425	201432	0036					15		All	3600		
									116					
0187	143351	260389	202452	0049					15		All	3600		
									113					
									116					
0188	143331	260358	No Replacement Repair With Individual Parts.						15		All	4000		
0189	143351	260389	202452	0049					15		All	4000		
									16					
									116					
0190	143432	260359	No Replacement Repair With Individual Parts.						15		All	4000		
0191	143331	260423	No Replacement Repair With Individual Parts.						15		All	3600		
0192	143331	260423	No Replacement Repair With Individual Parts.						15		All	3600		
0193	143330	260644	No Replacement Repair With Individual Parts.						15		All	4000		
0194	143301	260607	202432	0036					15		All	3600		
									116					
0195	143331	260425	201432	0036					15		All	4000		
									116					
0196	143302	260607	No Replacement Repair With Individual Parts.						15		All	3600		
0197	143402	260425	No Replacement Repair With Individual Parts.						15		All	2900		
0198	143351	260389	202452	0049					15		All	3600		
									16					
									116					
0199	143332	260425	201432	0036					15		All	3600		
									116					
0200	143332	260425	201432	0036					15		All	3900		
									116					
0201	143331	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0202	143331	260425	201432	0036					15		All	3600		
									116					
0203	143352	260389	202452	0049					15		All	3000		
									116					
0204	143307	260607	No Replacement Repair With Individual Parts.						15					
0205	143332	260358	No Replacement Repair With Individual Parts.						15		All	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
0206	143351	260389	202452	0049					15 116		All	3600		
0207	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0208	143331	260425	201432	0036					15 116		All	4000		
0209	143402	260472	No Replacement Repair With Individual Parts.						15		All	4000		
0210	143352	260389	202452	0049					15 116		All	4000		
0211	143332	260425	201432	0036					15 116		All	3600		
0212	143431	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0213	143332	260358	No Replacement Repair With Individual Parts.						15		All	4000		
0214	143351	260389	202452	0049					15 116		All	3600		
0215	143302	260607	202432	0036					15 116		All	4000		
0216	143302	260607	202432	0036					15 116		All	4000		
0217	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0218	143402	260425	No Replacement Repair With Individual Parts.						15		All	3600		
0219	143302	260607	202432	0036					15 116		All	3000		
0220	143431	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0221	143431	260359	No Replacement Repair With Individual Parts.						15		All	4000		
0222	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0223	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0224	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0225	143331	260425	201432	0036					15 116		All	3600		
0226	143302	260607	202432	0036					15 116		All	4000		
0227	143302	260607	202432	0036					15 116		All	3600		
0228	143302	260607	202432	0036					15 116					
0229	143302	260607	202432	0036					15 116		All	2500		
0230	143332	260425	No Replacement Repair With Individual Parts.						15		All	3600		
0231	143331	260425	No Replacement Repair With Individual Parts.						15		All	3600		
0234	143431	260425	201432	0036					15 116		All	4000		
0235	143432	260425	201432	0036					15 116		All	4000		
0236	143304	260607	202437	0041					15 116		All	4000		
0237	143332	260425	201432	0036					15 116		All	4000		
0238	143301	260315	202432	0036					15 116		All	4000		
0239	143302	260607	No Replacement Repair With Individual Parts.						15		All	3600		
0240	143352	260389	No Replacement Repair With Individual Parts.						15		All	3600		
0241	143331	260423	No Replacement Repair With Individual Parts.						15		All	3600		
0242	143334	260425	203437	0041					15 116		All	2400		
0243	143432	260425	201432	0036					15 116		All	3600		
0244	143404	260425	No Replacement Repair With Individual Parts.						15		All	3300		
0245	143431	260359	No Replacement Repair With Individual Parts.						15		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
0246	143401	260472	No Replacement Repair With Individual Parts.						15		All	3800		
0247	143302	260607	202432	0036					15		All	3600		
									116					
0248	143332	260425	201432	0036					15		All	4000		
									116					
0249	143331	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0250	143432	260508	No Replacement Repair With Individual Parts.						15		All	3600		
0251	143435	260508	No Replacement Repair With Individual Parts.						15		All	3600		
0252	143401	260425	No Replacement Repair With Individual Parts.						15		All	3600		
0253	143302	260607	202432	0036					15		All	4000		
									116					
0254	143431	260425	201432	0036					15		All	3600		
									116					
0255	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0256	143401	260425	No Replacement Repair With Individual Parts.						15		All	3000		
0257	143432	260425	201432	0036					15		All	4000		
									116					
0258	143431	260425	201432	0036					15		All	3600		
									116					
0259	143331	260425	201432	0036					15		All	4000		
									116					
0260	143451	260389	202452	0049					15		All	3600		
									116					
0261	143331	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0262	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0263	143331	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0264	143331	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0265	143432	260425	201432	0036					15		All	4000		
									116					
0266	143302	260667	No Replacement Repair With Individual Parts.						15		All	4000		
0267	143302	260607	202432	0036					15		All	3600		
									116					
0268	143332	260423	No Replacement Repair With Individual Parts.						15		All	3600		
0269	143302	260607	202432	0036					15		All	3600		
									116					
0270	143431	260425	201432	0036					15		All	3600		
									116					
0271	143331	260425	201432	0036					15		All	3200		
									116					
0272	143301	250507	No Replacement Repair With Individual Parts.						15		All	3600		
0273	143332	260423	No Replacement Repair With Individual Parts.						15		All	3200		
0274	143302	260607	202432	0036					15		All	3600		
									116					
0275	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
0276	143351	260389	202452	0049					15		All	3600		
									116					
0277	143432	260425	201432	0036					15		All	3600		
									116					
0278	143302	260607	No Replacement Repair With Individual Parts.						15		All	4000		
0279	143431	260432	No Replacement Repair With Individual Parts.						15		All	3600		
0280	143431	260432	No Replacement Repair With Individual Parts.						15		All	3600		
0281	143301	260607	202432	0036					15		All	2400		
									116					
0282	143332	260425	201432	0036					15		All	3600		
									116					
0283	143431	260359	No Replacement Repair With Individual Parts.						15		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
0284	143332	260425	201432	0036					15 116		All	3600		
0285	143331	260425	201432	0036					15 116		All	3600		
0286	143302	260607	202432	0036					15 116		All	4100		
0287	143331	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0288	143332	260425	201432	0036					15 116		All	4000		
0289	143432	260425	201432	0036					15 116		All	3600		
0290	143302	260607	202432	0036					15 116		All	4100		
0291	143331	260358	No Replacement Repair With Individual Parts.						15		All	3600		
0292	143302	260607	202432	0036					15 116		All	4100		
502510	143301	260607	202432	0036					15 116					
502511	143302	260607	202432	0036					15 116					
502513	143304	260607	202437	0041					15 116					
502514	143305	260607	202437	0041					15 116					
502516	143302	260607	202432	0036					15 116					
502519	143305	260607	202437	0041					15 116					
502520	143302	260607	202432	0036					15 116					
502521	143302	260607	202432	0036					15 116		All	4100		
502522	143302	260607	202432	0036					15 116					
502523	143302	260607	202432	0036					15 116		All	3800		
502524	143302	260607	202432	0036					15 116		All	3100		
502525	143302	260607	202432	0036					15 116		All	4000		
502526	143305	260607	202437	0041					15 116		All	3800		
502527	143302	260607	202432	0036					15 116		All	3800		
502528	143302	260407	No Replacement Repair With Individual Parts.						15					
502529	143302	260607	202432	0036					15 116					
502530	143302	260607	202432	0036					15 116					
502531	143302	260607	202432	0036					15 116		All	3600		
502532	143302	260609	No Replacement Repair With Individual Parts.						15		All	3800		
502533	143305	260609	No Replacement Repair With Individual Parts.						15		All	3800		
502534	143302	260607	202432	0036					15 116		All	4000		
502535	143332	260358	No Replacement Repair With Individual Parts.						15					
502537	143302	260607	202432	0036					15 116		All	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
502538	143302	260607	202432	0036					15 116		All	4000		
502539	143302	260607	202432	0036					15 116					
502540	143302	260607	202432	0036					15 116					
502541	143302	260607	202432	0036					15 116		All	3600		
502542	143302	260607	202432	0036					15 116					
502543	143332	260423	No Replacement Repair With Individual Parts.						15					
502544	143332	260425	201432	0036					15 116					
502545	143432	260358	No Replacement Repair With Individual Parts.						15					
502546	143352	260389	202452	0049					15 116					
502547	143302	260607	202432	0036					15 116		All	3600		
502548	143332	260423	No Replacement Repair With Individual Parts.						15					
502549	143302	260607	202432	0036					15 116					
502550	143302	260358	No Replacement Repair With Individual Parts.						15		All	4000		
502551	143302	260607	202432	0036					15 116		All	4000		
502552	143302	260607	202432	0036					15 116					
502553	143302	260607	202432	0036					15 116					
502554	143302	260607	202432	0036					15 116		All	3600		
502555	143302	260607	202432	0036					15 116		All	4000		
502556	143302	260607	202432	0036					15 116					
502557	143332	260425	No Replacement Repair With Individual Parts.						15					
502558	143302	260607	202432	0036					15 116		All	4000		
502559	143302	260607	202432	0036					15 116					
502560	143402	260425	No Replacement Repair With Individual Parts.						15					
502561	143452	260389	202452	0049					15 116					
502562	143432	260358	No Replacement Repair With Individual Parts.						15					
502563	143304	260607	202437	0041					15 116		All	3600		
502564	143302	260607	202432	0036					15 116		All	4000		
502565	143432	260359	No Replacement Repair With Individual Parts.						15					
502566	143352	260389	202452	0049					15 17 116		All	2800		
502567	143305	260609	No Replacement Repair With Individual Parts.						15		All	3800		
502568	143332	260358	No Replacement Repair With Individual Parts.						15		All	4000		
502569	143332	260425	201432	0036					15 116					
502570	143432	260425	201432	0036					15 116					

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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
502571	143352	260389	202452	0049					15 16 116		All	3600		
502572	143302	260607	202432	0036					15 116		All	4000		
502573	143432	260467	No Replacement Repair With Individual Parts.						15		All	3600		
502574	143332	260423	No Replacement Repair With Individual Parts.						15		All	3800		
502575	143302	260607	202432	0036					15 116					
502576	143332	260538	No Replacement Repair With Individual Parts.						15		All	3200		
502577	143405	260472	No Replacement Repair With Individual Parts.						15		All	3800		
502578	143402	260472	No Replacement Repair With Individual Parts.						15		All	3800		
502579	143332	260425	201432	0036					15 116		All	3600		
502580	143352	260389	202452	0049					15 16 116		All	3600		
502581	143304	260607	No Replacement Repair With Individual Parts.						15		All	3600		
502582	143352	260389	202452	0049					15 16 116					
502583	143332	260425	201432	0036					15 116		All	3600		
502584	143405	260609	No Replacement Repair With Individual Parts.						15		All	3800		
502585	143332	260358	No Replacement Repair With Individual Parts.						15					
502586	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
502587	143302	260607	202432	0036					15 116		All	3900		
502588	143352	260389	202452	0049					15 16 116		All	3600		
502589	143432	260359	No Replacement Repair With Individual Parts.						15					
502590	143302	260607	202432	0036					15 116		All	3600		
502591	143332	260425	201432	0036					15 116		All	3600		
502592	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
502593	143304	260607	202437	0041					15 116		All	3600		
502594	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
502595	143332	260425	201432	0036					15 116		All	3600		
502596	143352	260389	202452	0049					15 116		All	4000		
502597	143402	260472	No Replacement Repair With Individual Parts.						15		All	3800		
502598	143302	260607	202432	0036					15 116					
502599	143332	260425	201432	0036					15 116		All	3900		
502601	143432	260359	No Replacement Repair With Individual Parts.						15					
502602	143452	260389	202452	0049					15 116					
502603	143302	260607	202432	0036					15 116		All	4000		
502604	143405	260425	No Replacement Repair With Individual Parts.						15					
502605	143332	260358	No Replacement Repair With Individual Parts.						15		All	4000		
502606	143332	260423	No Replacement Repair With Individual Parts.						15					

143300 to 143499

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
502607	143302	260607	202432	0036					15					
									116					
502608	143452	260389	202452	0049					15					
									116					
502609	143432	260425	201432	0036					15					
									116					
502610	143307	260607	202437	0041					15					
									116					
502611	143307	260607	202437	0041					15					
									116					
502612	143302	260607	202432	0036					15		All	4000		
									116					
502613	143352	260389	202452	0049					15		All	4000		
									116					
502614	143352	260389	202452	0049					15					
									16					
									116					
502615	143352	260389	202452	0049					15		All	3600		
									116					
502616	143332	260425	201432	0036					15		All	3600		
									116					
502617	143402	260472	No Replacement Repair With Individual Parts.						15					
502619	143332	260358	No Replacement Repair With Individual Parts.						15		All	4000		
502620	143407	260425	No Replacement Repair With Individual Parts.						15					
502621	143302	260607	202432	0036					15		All	4000		
									116					
502622	143332	260425	No Replacement Repair With Individual Parts.						15					
502623	143302	260607	202432	0036					15					
									116					
502624	143432	260359	No Replacement Repair With Individual Parts.						15					
502625	143407	260472	No Replacement Repair With Individual Parts.						15		All	3800		
502626	143307	260607	202437	0041					15		All	3800		
									116					
502627	143402	260425	No Replacement Repair With Individual Parts.						15					
502628	143452	260389	202452	0049					15		All	4000		
									116					
502629	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
502630	143357	260389	No Replacement Repair With Individual Parts.						15		All	4000		
502631	143337	260358	No Replacement Repair With Individual Parts.						15		All	4000		
502632	143337	260358	No Replacement Repair With Individual Parts.						15					
502633	143357	260389	No Replacement Repair With Individual Parts.						15					
502634	143302	260607	202432	0036					15					
									116					
502635	143307	260607	No Replacement Repair With Individual Parts.						15					
502636	143332	260423	No Replacement Repair With Individual Parts.						15		All	2700		
502637	143304	260607	202437	0041					15		All	4000		
									116					
502638	143352	260389	202452	0049					1		All	3000		
									15					
									116					
502639	143332	260425	201432	0036					15					
									116					
502640	143432	260425	201432	0036					15					
									116					
502641	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
502642	143332	260425	201432	0036					15		All	4000		
									116					

143300 to 143499

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
502643	143352	260389	202452	0049					15 116		All	3000		
502644	143302	260607	202432	0036					15 116		All	4000		
502645	143331	260358	No Replacement Repair With Individual Parts.						15					
502646	143431	260358	No Replacement Repair With Individual Parts.						15					
502647	143351	260389	202452	0049					15 116					
502648	143331	260425	201432	0036					15 116					
502649	143431	260425	201432	0036					15					
502650	143351	260389	202452	0049					15 16 116					
502651	143301	260607	202432	0036					15 116		All	4000		
502652	143352	260389	202452	0049					15 116					
502653	143332	260423	No Replacement Repair With Individual Parts.						15					
502654	143432	260359	No Replacement Repair With Individual Parts.						15					
502655	143331	260358	No Replacement Repair With Individual Parts.						15					
502656	143332	260358	No Replacement Repair With Individual Parts.						15					
502657	143302	260607	202432	0036					15 116					
502658	143331	260425	201432	0036					15 116		All	4000		
502659	143332	260358	No Replacement Repair With Individual Parts.						15					
502660	143402	260472	No Replacement Repair With Individual Parts.						15		All	4000		
502661	143432	260359	No Replacement Repair With Individual Parts.						15		All	3200		
502662	143402	260425	No Replacement Repair With Individual Parts.						15					
502663	143331	260425	201432	0036					15 116		All	3600		
502664	143407	260472	No Replacement Repair With Individual Parts.						15		All	4000		
502665	143302	260607	No Replacement Repair With Individual Parts.						15		All	3600		
502666	143351	260389	202452	0049					15 17 116		All	3600		
502667	143307	260607	No Replacement Repair With Individual Parts.						15					
502668	143352	260389	202452	0049					15 116					
502669	143302	260607	202432	0036					15 116		All	3600		
502670	143302	260607	202432	0036					15 116		All	3600		
502671	143430	260472	No Replacement Repair With Individual Parts.						15		All	3600		
502672	143331	260425	201432	0036					15 116		All	3600		
502673	143332	260425	No Replacement Repair With Individual Parts.						15		All	3600		
502674	143352	260389	202452	0049					15 116		All	3600		
502675	143332	260425	201432	0036					15 116		All	4000		
502676	143301	260607	202432	0036					15 116		All	3600		
502677	143432	260508	No Replacement Repair With Individual Parts.						15		All	3600		
502678	143431	260359	No Replacement Repair With Individual Parts.						15		All	3600		
502679	143301	260607	202432	0036					15 116		All	4000		

143300 to 143499

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
502680	143431	260425	No Replacement Repair With Individual Parts.						15					
502681	143332	260425	No Replacement Repair With Individual Parts.						15					
502682	143302	260607	202432	0036					15		All	4100		
									116					
502683	143331	260425	201432	0036					15		All	3200		
									116					
502684	143332	260423	No Replacement Repair With Individual Parts.						15		All	4000		
502685	143331	260358	No Replacement Repair With Individual Parts.						15					
502686	143331	260358	No Replacement Repair With Individual Parts.						15					
502687	143302	260607	202432	0036					15					
									116					
502688	143331	260425	No Replacement Repair With Individual Parts.						15					
502689	143302	260607	202432	0036					15		All	3200		
									116					
502690	143331	260358	No Replacement Repair With Individual Parts.						15		All	3600		
502691	143432	260425	201432	0036					15					
									116					
502692	143301	260607	202432	0036					15		All	4000		
									116					
502693	143307	260607	202437	0041					15		All	4000		
									116					
502694	143332	260423	No Replacement Repair With Individual Parts.						15		All	3200		
502695	143432	260359	No Replacement Repair With Individual Parts.						15					
502696	143331	260425	201432	0036					15					
									116					
502697	143302	260609	No Replacement Repair With Individual Parts.						15		All	4000		
502698	143331	260425	201432	0036					15					
									116					
502699	143351	260389	202452	0049					15					
									16					
									116					
502700	143332	260425	No Replacement Repair With Individual Parts.						15					
502701	143432	260358	No Replacement Repair With Individual Parts.						15					
502702	143332	260358	No Replacement Repair With Individual Parts.						15		All	3600		
502703	143452	260389	202452	0049					15		All	2900		
									116					
502704	143351	260389	202452	0049					15		All	4000		
									116					
502705	143302	260607	202432	0036					15		All	4000		
									116					
502706	143302	260607	202432	0036					15					
									116					
502707	143301	260607	202432	0036					15		All	3600		
									116					
502708	143432	260359	No Replacement Repair With Individual Parts.						15		All	3680		
502709	143352	260389	202452	0049					15		All	2800		
									17					
									116					
502710	143302	260607	202432	0036					15		All	3000		
									116					
502711	143301	260607	202432	0036					15		All	3000		
									116					
502712	143401	260425	No Replacement Repair With Individual Parts.						15		All	3000		
502713	143432	260359	No Replacement Repair With Individual Parts.						15		All	4000		
502714	143432	260359	No Replacement Repair With Individual Parts.						15					
502715	143332	260425	201432	0036					15		All	3600		
									116					

143300 to 143499

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
502716	143302	260607	202432	0036					15					
									116					
502717	143351	260389	202452	0049					15					
									16					
									116					
502718	143432	260425	201432	0036					15					
									116					
502719	143352	260389	202452	0049					15		All	3000		
									116					
502720	143352	260389	202452	0049					15					
									116					
502721	143351	260389	202452	0049					15					
									113					
									116					
502722	143332	260358	No Replacement Repair With Individual Parts.						15		All	4000		
502723	143432	260425	201432	0036					15		All	3000		
									116					
502724	143451	260389	202452	0049					15					
									116					
502725	143431	260359	No Replacement Repair With Individual Parts.						15		All	3600		
502726	143407	260472	No Replacement Repair With Individual Parts.						15		All	3800		
502727	143402	260472	No Replacement Repair With Individual Parts.						15		All	3800		
502728	143302	260607	202432	0036					15		All	4000		
									116					
502729	143302	260607	202432	0036					15		All	3000		
									116					
502730	143402	260425	No Replacement Repair With Individual Parts.						15					
502731	143302	260607	202432	0036					15		All	4000		
									116					
502732	143332	260358	No Replacement Repair With Individual Parts.						15		All	3800		
502733	143331	260423	No Replacement Repair With Individual Parts.						15		All	4000		
502734	143332	260423	No Replacement Repair With Individual Parts.						15					
502735	143332	260358	No Replacement Repair With Individual Parts.						15					
502736	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
502737	143432	260425	201432	0036					15					
									116					
502738	143352	260389	No Replacement Repair With Individual Parts.						15					
502739	143402	260472	No Replacement Repair With Individual Parts.						15		All	3800		
502740	143407	260472	No Replacement Repair With Individual Parts.						15		All	3800		
502741	143352	260389	202452	0049					15					
									16					
									116					
502742	143332	260423	No Replacement Repair With Individual Parts.						15		All	3800		
502743	143307	260607	202437	0041					15		All	3600		
									116					
502744	143352	260389	202452	0049					15		All	3800		
									17					
									116					
502745	143332	260358	No Replacement Repair With Individual Parts.						15					
502746	143352	260389	202452	0049					15					
									17					
									116					
502747	143332	260423	No Replacement Repair With Individual Parts.						15					
502748	143331	260358	No Replacement Repair With Individual Parts.						15		All	3300		
502749	143432	260425	201432	0036					15		All	4000		
									116					
502750	143352	260389	202452	0049					15					
									116					

143300 to 143499

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
502751	143451	260389	202452	0049					15 116					
502752	143432	260358	No Replacement Repair With Individual Parts.						15					
502753	143301	260607	202432	0036					15 116		All	3000		
502754	143301	260607	202432	0036					15 116		All	4000		
502755	143302	260607	202432	0036					15 116					
502756	143307	260607	202437	0041					15 116		All	4000		
502757	143452	260389	202452	0049					15 17 116		All	4000		
502758	143352	260389	202452	0049					15 113 116					
502759	143431	260359	No Replacement Repair With Individual Parts.						15		All	3600		
502760	143301	260607	202432	0036					15 116		All	4000		
502761	143302	260607	202432	0036					15 116		All	4000		
502762	143302	260607	202432	0036					15 116		All	4100		
502763	143331	260472	No Replacement Repair With Individual Parts.						15		All	4000		
502764	143401	260425	No Replacement Repair With Individual Parts.						15					
502765	143302	260607	202432	0036					15 116					
502766	143337	260425	203437	0041					15 116					
502767	143331	260423	No Replacement Repair With Individual Parts.						15		All	3800		
502768	143302	260607	202432	0036					15 116					
502769	143332	260425	201432	0036					15 116					
502770	143302	260607	202432	0036					15 116		All	4000		
502771	143431	260425	201432	0036					15 116					
502772	143302	260607	202432	0036					15 116					
502773	143304	260607	No Replacement Repair With Individual Parts.						15					
502774	143432	260425	201432	0036					15 116					
502775	143332	260425	No Replacement Repair With Individual Parts.						15					
502776	143432	260359	No Replacement Repair With Individual Parts.						15					
502777	143432	260425	201432	0036					15 116					
502778	143335	260425	203437	0041					15 116					
502779	143302	260609	No Replacement Repair With Individual Parts.						15					
502780	143332	260425	201432	0036					15 116		All	3100		
502781	143302	260607	202432	0036					15 116		All	4000		
502782	143331	260425	201432	0036					15 116					

143300 to 143499

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
502783	143351	260389	202452	0049					15 16 116					
502784	143352	260389	No Replacement Repair With Individual Parts.						15					
502785	143432	260425	201432	0036					15 116		All	3000		
502786	143402	260472	No Replacement Repair With Individual Parts.						15		All	3800		
502787	143332	260425	201432	0036					15 116		All	4000		
502788	143302	260607	202432	0036					15 116		All	4000		
502789	143331	260358	No Replacement Repair With Individual Parts.						15					
502790	143432	260425	201432	0036					15 116					
502791	143301	260607	202432	0036					15 116					
502792	143352	260389	202452	0049					15 116					
502793	143332	260425	201432	0036					15 116		All	4000		
502794	143451	260389	202452	0049					15 116		All	4000		
502795	143332	260423	No Replacement Repair With Individual Parts.						15		All	4000		
502796	143352	260389	202452	0049					15 113 116		All	3600		
502797	143331	260358	No Replacement Repair With Individual Parts.						15		All	4000		
502799	143332	260425	201432	0036					15 116					
502800	143430	260472	No Replacement Repair With Individual Parts.						15		All	3600		
502801	143352	260389	No Replacement Repair With Individual Parts.						15					
502802	143431	260359	No Replacement Repair With Individual Parts.						15					
502803	143431	260359	No Replacement Repair With Individual Parts.						15					
502804	143302	260607	202432	0036					15 116		All	3600		
502805	143332	260358	No Replacement Repair With Individual Parts.						15		All	3700		
502806	143332	260425	No Replacement Repair With Individual Parts.						15		All	4000		
502807	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
502808	143432	260359	No Replacement Repair With Individual Parts.						15					
502809	143302	260607	202432	0036					15 116					
502810	143334	260358	No Replacement Repair With Individual Parts.						15					
502811	143304	260607	No Replacement Repair With Individual Parts.						15					
502812	143432	260359	No Replacement Repair With Individual Parts.						15		All	3600		
502813	143404	260425	No Replacement Repair With Individual Parts.						15		All	4000		
502814	143331	260425	201432	0036					15 116		All	3600		
502815	143402	260609	No Replacement Repair With Individual Parts.						15					
502816	143302	260607	No Replacement Repair With Individual Parts.						15		All	3600		
502817	143302	260607	202432	0036					15 116		All	4100		
502818	143432	260425	201432	0036					15 116		All	3300		
502819	143302	260607	202432	0036					15 116					
502820	143302	260607	202432	0036					15 116					

143300 to 143499

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
502821	143301	260607	202432	0036					15		All	3100		
									116					
502822	143407	260425	No Replacement Repair With Individual Parts.						15					
502823	143302	260607	202432	0036					15					
									116					
502824	143301	260607	202432	0036					15					
									116					
502825	143432	260359	No Replacement Repair With Individual Parts.						15					
502826	143302	260607	202432	0036					15		All	3600		
									116					
502827	143402	260609	No Replacement Repair With Individual Parts.						15		All	3600		
502828	143302	260607	202432	0036					15					
									116					
502829	143434	260472	No Replacement Repair With Individual Parts.						15		All	2800		
502830	143302	260607	202432	0036					15					
									116					
502831	143301	260607	202432	0036					15		All	3800		
									116					
502832	143407	260667	No Replacement Repair With Individual Parts.						15		All	3000		
502833	143430	260358	No Replacement Repair With Individual Parts.						15					
502834	143302	260607	No Replacement Repair With Individual Parts.						15					
502835	143331	260358	No Replacement Repair With Individual Parts.						15					
502836	143330	260644	No Replacement Repair With Individual Parts.						15		All	4100		
502837	143332	260425	201432	0036					15		All	3600		
									116					
502838	143434	260358	No Replacement Repair With Individual Parts.						15					
502839	143431	260359	No Replacement Repair With Individual Parts.						15		All	2900		
502840	143331	260425	201432	0036					15					
									116					
502841	143451	260389	No Replacement Repair With Individual Parts.						15		All	4000		
502842	143402	260425	No Replacement Repair With Individual Parts.						15		All	2900		
502843	143302	260607	202432	0036					15		All	3600		
									116					
502844	143304	260607	202437	0041					15		All	3600		
									116					
502845	143302	260607	202432	0036					15					
									116					
502846	143431	260359	No Replacement Repair With Individual Parts.						15					
502847	143302	260607	202432	0036					15		All	4000		
									116					
502848	143431	260425	201432	0036					15		All	4000		
									116					
502849	143332	260358	No Replacement Repair With Individual Parts.						15		All	4000		
502850	143352	260389	202452	0049					15		All	3800		
									116					
502851	143432	260359	No Replacement Repair With Individual Parts.						15					
502852	143302	260607	202432	0036					15					
									116					
502853	143331	260423	No Replacement Repair With Individual Parts.						15					
502854	143302	260607	202432	0036					15		All	3900		
									116					
502855	143302	260607	202432	0036					15					
									116					
502856	143307	260607	No Replacement Repair With Individual Parts.						15					
502857	143332	260358	No Replacement Repair With Individual Parts.						15		All	4000		
502858	143302	260607	202432	0036					15					
									116					

143300 to 143499

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
502859	143351	260389	202452	0049					15					
									16					
									116					
502860	143302	260607	202432	0036					15					
									116					
502861	143307	260407	No Replacement Repair With Individual Parts.						15		All	4000		
502862	143435	260508	No Replacement Repair With Individual Parts.						15		All	3600		
502863	143432	260425	201432	0036					15					
									116					
502864	143332	260425	201432	0036					15		All	4000		
									116					
502865	143331	260423	No Replacement Repair With Individual Parts.						15		All	2700		
502866	143432	260425	201432	0036					15					
									116					
502867	143432	260425	201432	0036					15		All	3600		
									116					
502868	143435	260508	No Replacement Repair With Individual Parts.						15		All	3600		
502869	143302	260607	No Replacement Repair With Individual Parts.						15		All	3600		
502870	143301	260607	202432	0036					15		All	3600		
									116					
502871	143432	260425	No Replacement Repair With Individual Parts.						15					
502872	143302	260607	202432	0036					15		All	4000		
									116					
502873	143331	260358	No Replacement Repair With Individual Parts.						15					
502874	143332	260423	No Replacement Repair With Individual Parts.						15					
502876	143432	260359	No Replacement Repair With Individual Parts.						15					
502877	143332	260425	No Replacement Repair With Individual Parts.						15		All	4000		
502878	143451	260389	202452	0049					15					
									116					
502879	143332	260472	No Replacement Repair With Individual Parts.						15		All	4000		
502880	143332	260358	No Replacement Repair With Individual Parts.						15					
502881	143302	260607	202432	0036					15		All	3600		
									116					
502882	143435	260358	No Replacement Repair With Individual Parts.						15					
502883	143401	260667	No Replacement Repair With Individual Parts.						15		All	3000		
502884	143352	260389	202452	0049					15					
									17					
									116					
502885	143432	260423	No Replacement Repair With Individual Parts.						15					
502886	143432	260423	No Replacement Repair With Individual Parts.						15					
502887	143301	260607	202432	0036					15		All	3600		
									116					
502888	143302	260607	202432	0036					15		All	3600		
									116					
502889	143434	260609	No Replacement Repair With Individual Parts.						15		All	4000		
502890	143302	260607	202432	0036					15		All	3200		
									116					
502891	143431	260425	201432	0036					15					
									116					
502892	143451	260389	202452	0049					15					
									116					
502893	143302	260607	202432	0036					15		All	4000		
									116					
502894	143332	260472	No Replacement Repair With Individual Parts.						15		All	4000		
502895	143432	260359	No Replacement Repair With Individual Parts.						15					
502896	143351	260389	202452	0049					15					
									116					

143300 to 143499

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
502897	143352	260389	202452	0049					15 17 116		All	4000		
502898	143302	260607	202432	0036					15 116		All	3900		
502900	143302	260607	202432	0036					15 116		All	4000		
502901	143402	260644	No Replacement Repair With Individual Parts.						15					
502902	143432	260359	No Replacement Repair With Individual Parts.						15					
502903	143407	260472	No Replacement Repair With Individual Parts.						15		All	4000		
502904	143402	260472	No Replacement Repair With Individual Parts.						15					
502905	143431	260425	201432	0036					15 116					
502906	143432	260425	201432	0036					15 116					
502907	143300	260607	202432	0036					15 116					
502908	143302	260607	202432	0036					15 116		All	3000		
502909	143302	260607	202432	0036					15 116		All	4000		
502910	143332	260425	201432	0036					15 116		All	4000		
502911	143355	260389	No Replacement Repair With Individual Parts.						15					
502912	143302	260607	202432	0036					15 116		All	3600		
502913	143334	260425	No Replacement Repair With Individual Parts.						15					
502914	143432	260359	No Replacement Repair With Individual Parts.						15					
502915	143355	260389	No Replacement Repair With Individual Parts.						15					
502916	143304	260607	202437	0041					15 116		All	4000		
502917	143332	260425	201432	0036					15 116					
502918	143302	260607	202432	0036					15 116					
502919	143431	260425	201432	0036					15 116					
502921	143302	260607	202432	0036					15 116		All	4000		
502922	143432	260425	201432	0036					15 116					
502923	143302	260607	202432	0036					15 116		All	4000		
502924	143302	260607	202432	0036					15 116		All	4100		
502925	143432	260359	No Replacement Repair With Individual Parts.						15					
502926	143401	260425	No Replacement Repair With Individual Parts.						15					
502927	143431	260358	No Replacement Repair With Individual Parts.						15					
502928	143331	260359	No Replacement Repair With Individual Parts.						15					
502929	143302	260607	202432	0036					15 116		All	4100		
502930	143331	260423	No Replacement Repair With Individual Parts.						15					
502931	143452	260389	202452	0049					15 116					
502932	143432	260359	No Replacement Repair With Individual Parts.						15		All	3800		
502933	143402	260472	No Replacement Repair With Individual Parts.						15		All	3600		
502934	143332	260472	No Replacement Repair With Individual Parts.						15		All	3600		

143300 to 143499

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
502935	143302	260607	202432	0036					15 116		All	4000		
502936	143435	260359	No Replacement Repair With Individual Parts.						15		All	3600		
502937	143402	260425	No Replacement Repair With Individual Parts.						15					
502938	143331	260425	201432	0036					15 116		All	4000		
502939	143432	260425	201432	0036					15 116		All	3600		
502940	143431	260425	201432	0036					15 116		All	3600		
502941	143402	260425	No Replacement Repair With Individual Parts.						15					
502942	143331	260425	201432	0036					15 116					
502943	143305	260607	202437	0041					15 116					
502944	143301	260607	202432	0036					15 116		All	4000		
502945	143302	260607	202432	0036					15 116		All	2200		
502946	143432	260359	No Replacement Repair With Individual Parts.						15		All	3680		
502947	143302	260707	202432	0036					15 116		All	4000		
502948	143332	260425	201432	0036					15 116		All	2600		
502949	143432	260472	No Replacement Repair With Individual Parts.						15					
502950	143304	260607	202437	0041					15 116		All	3600		
502951	143302	260607	202432	0036					15 116					
502952	143331	260358	No Replacement Repair With Individual Parts.						15		All	4000		
502953	143302	260607	No Replacement Repair With Individual Parts.						15		All	4000		
502954	143301	260607	202432	0036					15 116					
502955	143302	260607	202432	0036					15 116		All	2500		
502956	143331	260358	No Replacement Repair With Individual Parts.						15					
502957	143432	260359	No Replacement Repair With Individual Parts.						15					
502958	143302	260607	No Replacement Repair With Individual Parts.						15		All	4100		