

91200 to 91299

SERVICE ENGINE  **SALES MANUAL**

**MODEL 91200 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 5:** Drill and retap end of crankshaft 5/16"-24 (5/8" deep).
- 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 34:** If the replacement engine supersedes to or is a Model 90000 series engine, refer to the illustrations located after the conversion data for this model series. The overall dimensions which differ, are shown in the illustrations. If after making a visual inspection and it is determined the Model 93400 series engine cannot be used because of equipment interference, the original engine should be repaired with a short block and/or individual parts.
- NOTE 46:** Original engine was equipped with special Gear and Shaft Assembly. Transfer these parts to the replacement engine.
- NOTE 73:** Transfer Flywheel Assembly to the 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

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 A:** Drill and re-tap end of Crankshaft 5/16"-24 (5/8" deep). Use Letter "I" (0.272) tap drill.
- NOTE D:** Cut off Crankshaft so that extension is 1-11/16" from shoulder to end of shaft.
- NOTE R:** Cut off 1-7/16" on Flywheel end of Crankshaft.

91200 to 91299

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	91202	492880	93302	0016					15 34				495914	
0002	91212	492880	No Replacement Repair With Individual Parts.						15		All	3400		
0003	91212	493767	93312	0022	1	492880	1	493767	15 34		All	2500		
0004	91212	492880	No Replacement Repair With Individual Parts.						15		All	3400		
0005	91212	493599	93352	0049					15 34 46		All	2700	497655	
0007	91252	493599	93352	0049					15 34		All	3300	497655	
0010	91232	495210	93332	0036					15 34		All	4000	497653	
0012	91232	495211	93332	0035					15 34		All	4000	497652	
0013	91202	493767	93302	0017					15 34		All	2850	495915	
0014	91232	495211	93332	0035					15 34		All	2700	497652	
0015	91202	492880	93302	0016					15 34		All	3900	495914	

91200 to 91299

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
0016	91202	492880	93302	0016					15 34		All	3300	495914	
0017	91202	493767	93302	0017					15 34		All	3600	495915	
0018	91202	493767	93302	0017					15 34		All	3900	495915	
0019	91202	492880	93302	0016					15 34		All	3300	495914	
0020	91232	495211	93332	0035					15 34		All	4000	497652	
0021	91232	495211	93332	0035					15 34		All	4000	497652	
0022	91212	492880	93312	0022					15 34		All	3600	495920	
0023	91212	492880	93312	0022					15 34		All	3300	495920	
0024	91212	495210	93332	0036					15 34		All	2500	497653	
0031	91232	493767	93332	0040					15 34		All	4000	497654	
0032	91232	493767	93332	0040					15 34		All	4000	497654	
0033	91232	495210	93332	0036					15 34		All	3800	497653	
0034	91232	495211	93332	0035					15 34		All	4000	497652	
0035	91232	495211	93332	0035					15 34		01 02 03	3300 3600 4000	497652	
0036	91232	495210	93332	0036					15 34		All	4000	497653	
0037	91202	492880	93302	0016					15 34		All	3300	495914	
0038	91232	495211	93332	0035					15 34		All	4000	497652	
0039	91232	493767	93332	0040					15 34		All	3600	497654	
0040	91232	493767	93332	0040					15 34		All	3300	497654	
0041	91232	495211	93332	0035					15 34		All	2900	497652	
0042	91212	492880	93312	0022					15 34		All	3600	495920	
0046	91232	493767	93332	0040					15 34		All	2500	497654	
0048	91232	493767	93332	0040					15 34		All	3300	497654	
0049	91252	493599	93352	0049					15 34		All	3300	497655	
0050	91252	493599	93352	0049					15 34		All	3600	497655	
0051	91232	495210	93332	0036					15 34		All	4000	497653	
0052	91232	495210	93332	0036					15 34		All	4000	497653	
0053	91232	495211	93332	0035					15 34		All	3600	497652	
0057	91202	493767	93302	0017					15 34		All	3200	495915	

91200 to 91299

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
0059	91202	492880	93302	0016					15 34		All	3600	495914	
0060	91212	492880	No Replacement Repair With Individual Parts.						15		01 02	3600 3400		
0061	91232	495211	93332	0035					15 34 81		All	4000	497652	
0062	91232	495210	93332	0036					15 34 81		All	4000	497653	
0063	91232	495210	No Replacement Repair With Individual Parts.						15		All	3800	497653	
0064	91232	493767	93332	0040					15 34		01 02	3300 3600	497654	
0067	91232	493767	93332	0040					15 34 81		All	3800	497654	
0068	91232	495211	93332	0035					15 34		All	3300	497652	
0107	91232	495211	93332	0035					15 34		All	3300	497652	
0111	91202	492880	93302	0016					15 34		All	3600	495914	
0113	91212	495211	93312	0022					15 34		All	3700	495920	
0114	91232	495211	93332	0035					15 34		All	3600	497652	
0115	91232	495211	93332	0035					15 34 81		All	2500	497652	
0116	91232	495211	93332	0035					15 34 81		All	3950	497652	
0117	91232	495210	93332	0036					15 34 81		All	4000	497653	
0118	91232	495211	93332	0035					15 34 81		All	2900	497652	
0119	91232	493767	93302	0017					15 34		All	3600	495915	
0120	91202	492880	93302	0016					15 34		All	3600	495914	
0121	91212	492880	No Replacement Repair With Individual Parts.						15		All	3600	495920	
0122	91202	492880	93302	0016					15 34		All	3600	495914	
0123	91202	493767	93302	0017					15 34		All	3300	495915	
0124	91202	492880	93302	0016					15 34		All	4000	495914	
0125	91212	492880	93312	0022					15 34		All	3600	495920	
0126	91202	492880	93302	0016					15 34		All	3200	495914	
0127	91232	493767	93332	0040					15 34		All	2200	497654	
0128	91202	493767	93302	0017					15 34		All	3900	495915	
0129	91232	493767	93332	0040					15 34		All	3900	497654	

91200 to 91299

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
0130	91202	492880	93302	0017					15 34		All	3300	495915	
0131	91202	492880	93302	0017					15 34		All	3100	495915	
0132	91232	495210	93332	0035					15 34		All	3300	497652	
0133	91232	495210	93332	0035					15 34		All	4000	497652	
0134	91232	495210	93332	0035					15 34		All	4000	497652	
0135	91202	497232	93302	0017					15 34 81		All	2600	495915	
0136	91212	492880	93312	0022					15 34		All	4000	495920	
0137	91212	492880	93312	0022					15 34		All	3600	495920	
0138	91212	492880	93312	0022					15 34		All	3600	495920	
0139	91252	493599	93352	0049					15 34		All	3400	497655	
0140	91212	492880	93312	0022					15 34		All	3600	495920	
0141	91202	492880	93302	0016					15 34		All	3200	495914	
0142	91212	492880	93312	0022					15 34		All	3500	495920	
0143	91212	492880	93312	0022					15 34		All	3400	495920	
0144	91212	497232	93302	0017					15 34 81		All	2600	495915	
0145	91232	495211	93332	0035					15 34		All	3600	497652	
0146	91232	497232	93332	0040					15 34 81		All	2600	497654	
0147	91212	492880	93312	0022					15 34		All	3400	495920	
0148	91212	492880	93312	0022					15 34		All	3400	495920	
0149	91202	497232	93302	0017					15 34		All	3600	495915	
0150	91202	497232	93302	0017					15 34 81		All	2600	495915	
0151	91232	497232	93332	0040					15 34		All	3600	497654	
0152	91202	493767	93302	0017					15 34		All	3600	495915	
0153	91232	495211	93332	0035					15 34		All	3600	497652	
0154	91202	492880	93302	0016					15 34		All	3300	495914	
0155	91232	495211	93332	0035					15 34		All	3600	497652	
0156	91232	495211	93332	0035					15 34		All	3600	497652	

91200 to 91299

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
0157	91212	492880	93312	0022					15 34		All	3400	495920	
0158	91212	492880	93312	0022					15 34		All	3200	495920	
0159	91212	492880	No Replacement Repair With Individual Parts.						15		All	3600		
0160	91232	497232	93332	0040					15 34 81		All	2600	497654	
0161	91212	492880	93312	0022					15 34 73		All	3600	495920	
0162	91232	495211	93332	0035					15 34		All	3300	497652	
0163	91232	495211	93332	0035					15 34		All	3300	497652	
0164	91202	492880	93302	0016					15 34		All	3600	495914	
0165	91252	493599	93352	0049					15 34 46		All	3250	497655	
0166	91202	492880	93302	0016					15 34		All	3300	495914	
0167	91212	492880	93312	0040					15 34		All	3400	495920	
0168	91212	492880	93312	0040					15 34		All	3600	495920	
0169	91212	493599	93352	0049					15 34 46		All	3250	497655	
0170	91212	492880	93312	0022					15 34		All	3750	495920	
0171	91212	492880	93312	0022					15 34		All	3400	495920	
0172	91212	493767	93312	0002					15 34		All	3500		
0173	91202	492880	93312	0016					15 34		All	3300	495914	
0174	91232	495211	93332	0035					15 34		All	4000	497652	
0175	91232	495210	93332	0036					15 34		All	4000	497653	
0176	91212	492880	93312	0022					15 34		All	3600	495920	
0177	91202	492880	93302	0016					15 34		All	4000	495914	
0178	91252	493599	93352	0049					15 34		All	3300	497655	
0179	91202	492880	93302	0016					15 34 81		All	2900	495914	
0180	91202	492880	93302	0016					15 34		All	3900	495914	
0181	91232	495211	93332	0035					15 34		All	3600	497652	
0182	91202	492880	93302	0016					15 34 81		All	3900	495914	

91200 to 91299

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
0183	91252	493599	93352	0049					15 34 81		All	3300	497655	
0184	91202	492880	93302	0016					15 34		All	3600	495914	
0185	91212	493767	93312	0002					15 34		All	3600		
0186	91232	493767	93332	0040					15 34		All	2500	497654	
0187	91202	492880	93302	0016					15 34		All	3200	495914	
0188	91232	495211	93332	0035					15 34		All	3300	497652	
0189	91212	493767	93312	0002					15 34		All	3500		
0190	91212	492880	No Replacement Repair With Individual Parts.						15		All	3400	495920	
0191	91232	495211	93332	0035					15 34		All	3300	497652	
0192	91212	495211	93312	0022					5 15 34		All	3000	495920	A
0193	91212	492880	93312	0022					15 34		All	3400	495920	
0194	91232	495211	93332	0035					15 34		All	3600	497652	
0195	91232	493767	93332	0040					15 34		All	2200	497654	
0196	91212	492880	93312	0022					15 34 81		All	4000	495920	
0197	91212	492880	93312	0022					15 34		All	3600	495920	
0198	91202	497232	93302	0017					15 34		All	3000	495915	
0199	91212	497232	93312	0002					15 34		All	2950		
0200	91202	492880	No Replacement Repair With Individual Parts.						15		All	3200	495914	
0201	91232	495211	93332	0035					15 34 81		All	2800		
0202	91212	492880	93312	0022					15 34		All	3100	495920	
0203	91232	495211	93332	0035					15 34		All	3400	497652	
0204	91232	495210	93332	0036					15 34 81		All	3800	497653	
0205	91212	492880	No Replacement Repair With Individual Parts.						15		All	3600		
0206	91232	495211	93332	0035					15 34		All	3400	497652	
0207	91232	495211	93332	0035					15 34		All	3400	497652	
0208	91232	495210	93332	0036					15 34 81		All	3800	497653	
0209	91202	497232	93302	0017					15 34 81		All	3800	495915	

91200 to 91299

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
0210	91232	495211	93332	0035					15 34 81		All	2600	497652	
0212	91212	492880	93312	0022					15 34		All	3600	495920	
0213	91212	492880	93312	0022					15 34		All	3500	495920	
0214	91202	497232	93302	0017					15 34		All	3600	495915	
0215	91212	492086	93312	0022	1	492880	1	492086	15 34		All	3600		
0216	91212	492086	93312	0022	1	492880	1	492086	15 34		All	3500		
0219	91212	493632	93312	0022	1	492880	1	493632	15 34		All	3500		
0220	91232	495211	93332	0035					15 34		AI	3600	497652	
0221	91202	492880	93302	0016					15 34		All	3300	495914	
0222	91212	497232	93312	0002					15 34		All	2500		
0223	91232	495211	93332	0035					15 34 81		All	4000	497652	
0224	91232	495211	93332	0035					15 34		All	3300	497652	
0225	91232	495211	93332	0035					15 34 81		All	2900	497652	
0226	91202	492880	93302	0016					15 34		All	3300	495914	
0227	91202	492880	93302	0016					15 34 81		All	3300	495914	
0228	91232	495211	93332	0035					15 34		All	3600	497652	
0229	91232	495211	No Replacement Repair With Individual Parts.						15		All	3100	497652	
0248	91202	492880	93302	0016					15 34		All	3600	495914	
0249	91212	492880	93302	0016					15 34		All	3500	495914	
0250	91212	492880	93312	0022					15 34		All	2800	495920	
0320	91232	495211	93332	0035					15 34		All	4000	497652	
0354	91232	495211	93332	0035					15 34		All	4000	497652	
0359	91202	492880	93302	0016					15 34		All	3600	495914	
0609	91202	497232	93302	0017					15 34		All	3800	495915	
0616	91202	497232	93302	0017					15 34		All	3600	495915	
0619	91212	493632	93312	0022	1	492880	1	493632	15 34		All	3500		
0620	91202	497232	93302	0017					15 34		All	3600	495915	
0621	91202	492880	93302	0016					15 34		All	3600	495914	

91200 to 91299

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	
0631	91202	497232	93302	0017					15 34		All	3600	495915		
0649	91202	497232	93302	0017					15 34		All	3600	495915		
0651	91232	497232	93332	0040					15 34		All	3800	497654		
0653	91232	495211	93332	0035					15 34		All	3600	497652		
0654	91202	492880	93302	0016					15 34		All	3600	495914		
0661	91212	492880	No Replacement Repair With Individual Parts.							15		All	3600		
0664	91202	492880	93302	0016					15 34		All	3600	495914		
0673	91202	492880	93302	0016					15 34		All	3300	495914		
0800	91232	692146	93332	0035					15 34		All	3400	497652		
1002	91212	497232	93312	0002					15 34		All	3300			
1005	91202	497232	93302	0017					15 34		All	3300	495915	R	
1013	91202	497232	93302	0017					15 34 81		All	2850	495915	R	
1014	91232	692146	93332	0035					15 34 81		All	2700	497652	R	
1016	91202	492880	93302	0016					15 34		All	3300	495914	R	
1017	91202	497232	93302	0017					15 34		All	3600	495915	R	
1019	91202	492880	93302	0016					15 34		All	3300	495914	R	
1020	91232	692146	93332	0035					15 34		All	4000	497652	R	
1022	91212	492880	93312	0022					15 34		All	3600	495920	R	
1025	91212	497232	93312	0002					15 34		All	3600			
1026	91202	497232	93302	0017					15 34		All	3300	495915	R	
1034	91232	692146	93332	0035					15 34		All	4000	497652	R	
1035	91232	692146	93332	0035					15 34		E1 E2	3300 3600	497652	R	
1036	91232	691489	93332	0036					15 34		All	4000	497653	R	
1040	91232	497232	93332	0040					15 34		All	3300	497654	R	
1042	91212	492880	93312	0022					15 34		All	3600	495920	R	
1047	91232	692146	93332	0035					15 34		All	4000	497652	R	
1049	91252	493599	93352	0049					15 34		All	3300	497655	R	
1052	91232	691489	93332	0036					15 34		All	4000	497653	R	
1054	91232	692146	93332	0035					15 34		All	4000	497652	R	

91200 to 91299

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	
1059	91202	492880	93302	0016					15 34		All	3600	495914	R	
1060	91212	492880	93312	0022					15 34		All	3400	495920	R	
1061	91232	692146	93332	0035					15 34		All	4000	497652	R	
1062	91232	691489	93332	0036					15 34		All	4000	497653	R	
1063	91232	691489	93332	0036					15 34		All	3800	497653	R	
1068	91232	692146	93332	0035					15 34		All	3300	497652	R	
1203	91212	497232	93312	0002					15 34		All	2500			
1204	91202	492880	93302	0016					15 34		All	3300	495914	R	
1205	91232	692146	93332	0035					15 34		E1	3300	497652	R	
1207	91232	692146	93332	0035					15 34		All	3300	497652	R	
1208	91252	493599	93352	0049					15 34		All	3300	497655	R	
1209	91202	499006	93302	0017					15 34		All	3600	495915	R D	
1210	91202	492880	93302	0016					15 34 81		All	3000	495914	R	
1211	91202	492880	93302	0016					15 34		All	3600	495914	R	
1212	91202	492880	93302	0016					15 34		All	3600	495914	R	
1213	91232	692146	93332	0035					15 34		All	3300	497652	R	
1214	91232	692146	93332	0035					15 34		All	3600	497652	R	
1215	91232	692146	93332	0035					15 34 81		All	2700	497652	R	
1217	91232	691489	93332	0036					15 34 81		All	4000	497653	R	
1218	91232	692146	93332	0035					15 34 81		All	2900	497652	R	
1220	91202	497232	93302	0017					15 34		All	3600	495915	R	
1221	91212	492880	No Replacement Repair With Individual Parts.							15		All	3600		
1222	91202	492880	93302	0016					15 34		All	3300	495914	R	
1223	91202	492880	93302	0016					15 34		All	3300	495914	R	
1224	91232	692146	93332	0035					15 34 81		All	4000	497652	R	
1225	91202	492880	93302	0016					15 34 81		All	3000	495914	R	

91200 to 91299

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
1226	91212	497232	93312	0002					15 34 81		All	3600	495915	
1227	91232	690821	93332	0035					15 34 81		All	4000	497652	R
1228	91202	492880	93302	0016					15 34		All	3000	495914	R
1229	91232	690821	93332	0035					15 34		All	3300	497652	R
1230	91212	791414	93312	0022					15 34 88		All	2700	495920	R
1231	91202	691474	93302	0002					15 34		All	3600	495915	R D
1234	91232	692146	93332	0035					15 34 81		All	3000	497652	R
1235	91202	497232	93302	0017					15 34 81		All	2700	495915	R
1237	91212	492880	93312	0022					15 34		All	3600	495920	R
1239	91252	690673	93352	0049					15 34		All	3400	497655	R
1240	91212	492880	93312	0022					15 34		All	3600	495920	R
1241	91202	492880	93302	0016					15 34		All	3600	495914	R
1242	91212	492880	93312	0022					15 34		All	3500	495920	R
1244	91202	497232	93302	0017					15 34 81		All	2600	495915	R
1249	91202	497232	93302	0017					15 34		All	3600	495915	R D
1250	91252	690673	93352	0049					15 34		All	3600	497655	R
1251	91212	497232	93312	0002					15 34		All	3500		
1253	91232	692146	93332	0035					15 34		All	3600	497652	R
1257	91212	492880	93312	0022					15 34		All	3400	495920	R
1258	91202	492880	93302	0016					15 34		All	3300	495914	R
1259	91252	690673	93352	0049					15 17 34 81		All	2800	497655	R
1260	91212	492880	93312	0022					15 34 81		All	3200	495920	R
1264	91202	492880	93302	0016					15 34		All	3600	495914	R
1265	91232	690821	93332	0035					15 34		All	3300	497652	R
1267	91212	492880	93312	0022					15 34		All	3400	495920	R

91200 to 91299

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	
1269	91212	492880	93312	0022					15 34		All	3600	495920	R	
1278	91252	499009	93352	0049					15 34		All	3300	497655	R	
1286	91232	691488	93332	0040					15 34 81		All	2500	497654	R	
1290	91212	492880	93312	0022					15 34		All	3400	495920	R	
1291	91232	497232	93332	0040					15 34		All	2800	497654	R	
1292	91212	499004	93312	0022					15 34 81		All	3000	495920	R A	
1296	91212	492880	93312	0022					15 34 81		All	4000	495920	R	
1297	91212	492880	93312	0022					15 34 81		All	3000	495920	R	
1298	91232	690821	93332	0035					15 34		All	3300	497652	R	
1300	91202	492880	93302	0016					15 34		All	3200	495914	R	
1302	91212	492880	93312	0022					15 34 81		All	3100	495920	R	
1304	91232	691489	No Replacement Repair With Short Block and/or Individual Parts									All	3800	497653	R
1305	91212	492880	No Replacement Repair With Individual Parts.							15	All	3600			
1307	91232	692146	93332	0035					15 34		All	3400	497652	R	
1308	91232	691489	93332	0036					15 34		All	3800	497653	R	
1309	91202	691474	93302	0017					15 34		All	3600	495915	R D	
1310	91232	692146	93332	0035					15 34 81		All	2600	497652	R	
1319	91212	493632	93312	0022	1	492880	1	493632	15 34		All	3500			
1323	91232	692146	93332	0035					15 34		All	4000	497652	R	
1325	91232	692146	93332	0035					15 34 81		All	2900	497652	R	
1326	91202	492880	93302	0016					15 34		All	3300	495914	R	
1327	91202	497232	93302	0017					15 34		All	3300	495915	R	
1328	91232	692146	93332	0035					15 34		All	3600	497652	R	
1330	91232	692146	93332	0036					15 34		All	3600	497653	R	
1331	91212	492880	93312	0022					15 34		All	3400	495920	R	
1332	91232	690821	93332	0035					15 34		All	3100	497652	R	
1352	91212	492880	93312	0022					15 34		All	3600	495920	R	

91200 to 91299

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
1353	91232	691488	93332	0040					15 34		All	3900	497654	R
1354	91202	497232	93302	0017					15 34		All	3900	495915	R
1355	91202	497232	93302	0017					15 34		All	3900	495915	R
1356	91212	497232	93312	0002					15 34		All	2800		
1357	91212	492880	93312	0022					15 34		All	3100	495920	R
1358	91212	492880	93312	0022					15 34		All	3100	495920	R
1359	91202	497232	93302	0017					15 34 81		All	3000	495915	R
1360	91212	492880	93312	0022					15 34		All	3500	495920	R
1361	91202	492880	93302	0016					15 34		All	3300	495914	R
1362	91232	692146	93332	0035					15 34		All	2500	497652	R
1363	91232	692146	93332	0035					15 34 81		All	2500	497652	R
1364	91232	692146	93332	0035					15 34		All	4000	497652	R
1365	91232	692146	93332	0035					15 34		All	4000	497652	R
1366	91212	497232	93312	0002					15 34		All	3600		
1367	91212	492880	93312	0022					15 34 81		All	3000	495920	R
1368	91212	497232	93312	0002					15 34		All	3500		
1369	91232	692146	93332	0035					15 34		All	3400	497652	R
1370	91212	492880	93312	0022					15 34 81		All	2800	495920	R
1371	91202	497232	93302	0017					15 34		All	3300	495915	R
1372	91202	493632	93302	0016	1	492880	1	493632	15 34		All	3300		
1374	91232	692146	93332	0035					15 34		All	3600	497652	R
1375	91232	692146	93332	0035					15 34 81		All	2500	497652	R
1376	91212	497232	93312	0002					15 34 81		All	2800		
1377	91212	492880	93312	0022					15 34		All	3600	495914	R
1378	91232	692146	93332	0035					15 34		All	2600	497652	R
1379	91212	492880	93312	0022					15 34 81		All	3000	495920	R

91200 to 91299

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
1380	91212	691473	93312	0022					5 15 34 81		All	3000	495920	R A
1381	91212	492880	93312	0022					15 34 81		All	3000	495920	R
1382	91252	690673	93352	0049					15 34 81		All	2800	497655	R
1383	91202	492880	93302	0016					15 34 73 81		All	3600	495914	R
1384	91202	492880	93302	0016					15 34		All	3300	495914	R
1385	91202	492880	93302	0016					15 34		All	3300	495914	R