

146700 to 146708

147700 to 147703

Illustrated Parts List

MODEL SERIES

146700 to 146708

TYPE NUMBERS

0010 through 0019

0110 through 0165

0510 through 0664

1010 through 1154

1610 through 1639

147700 to 147703

TYPE NUMBERS

0110 through 0133

TO FIND

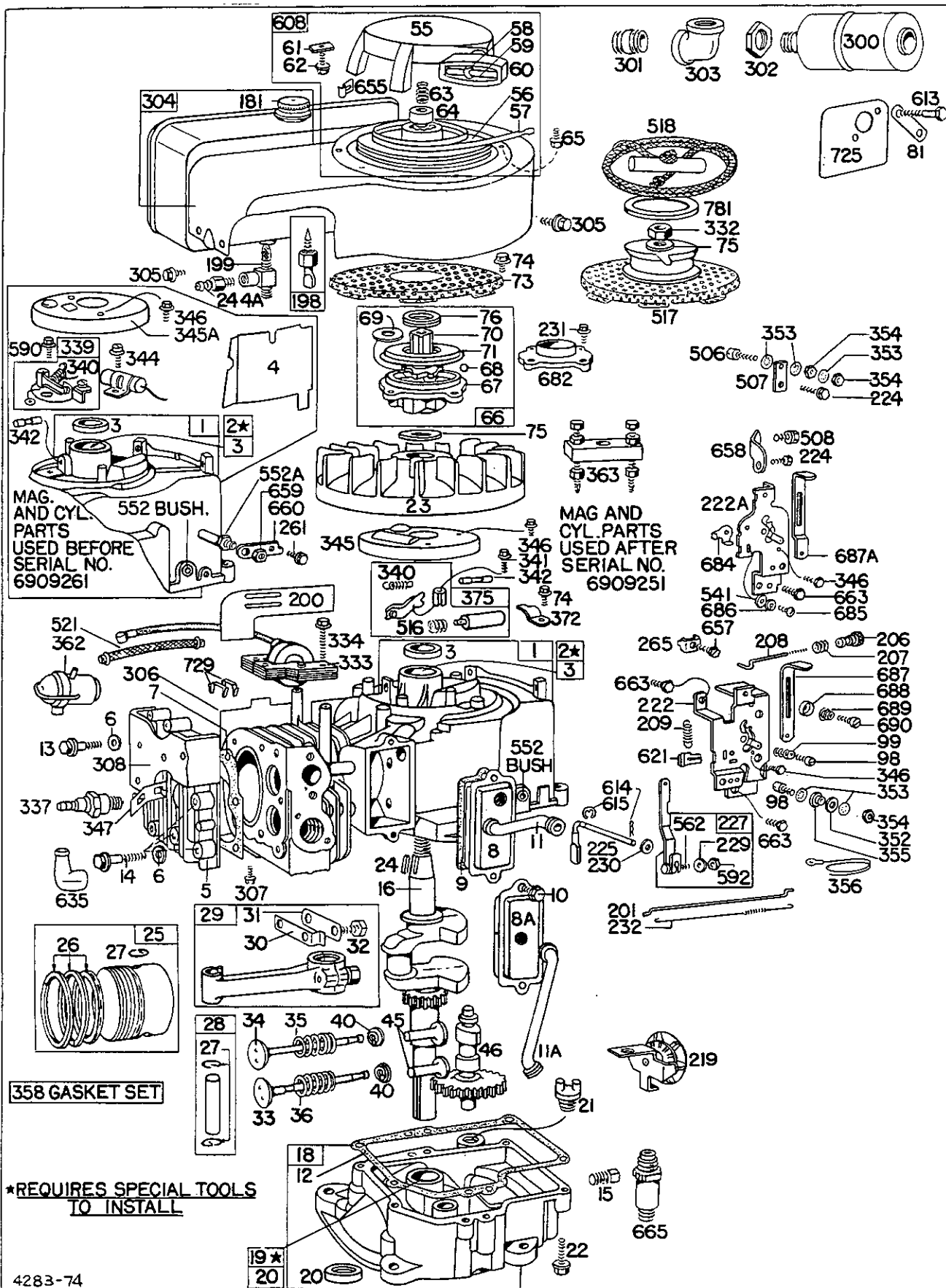
**THE CORRECT NUMBER OF THE PART YOU NEED:
FOLLOW THE INSTRUCTIONS BELOW:**

- A. Refer to Engine Model, Type and Code Number that is stamped on the blower housing or name plate of engine. Engine type numbers such as 0147 01 are listed herein only as 0147. The two digits (01 or 02, etc.) to the right of the space are not needed for parts identification. Then use the Illustrated Parts List covering these Model Series.
- B. Refer to Illustrated Parts section and compare the old part with illustration. The number on the illustration is the Reference Number. Assemblies include all parts shown in frames. All parts shown in assembly frames on which individual reference numbers are given can be purchased separately.
- C. After the Reference Number has been identified, refer to the Numerical Parts List, where Reference and Master Part Numbers are listed. **THE MASTER PART IS USED ON ALL TYPE NUMBERS EXCEPT THOSE TYPE NUMBERS UNDER "NOTE".**
- D. If a "Note" appears below the Master Part Number, this means that this part differs from the Master Part for certain types. If the Type Number is listed under "Note", order the part referred to.
- E. If the Engine Type Number does not appear after any part number listed under "Note", use the Master Part Number.
- F. For Type Numbers higher than those covered by this book, please refer to the factory if you are unable to identify the part by comparison.

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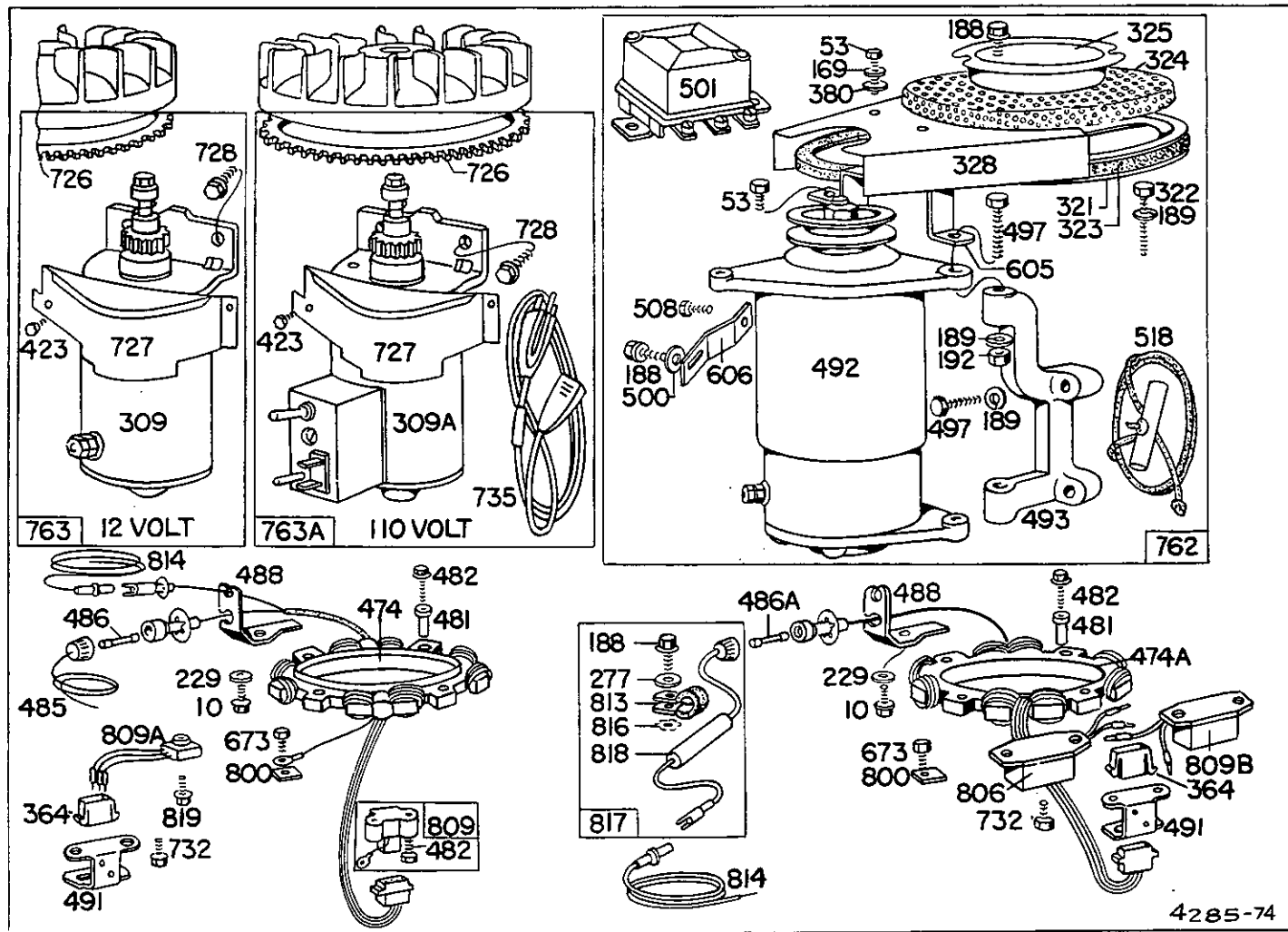
146700 to 146708
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Assemblies include all parts shown in frames.



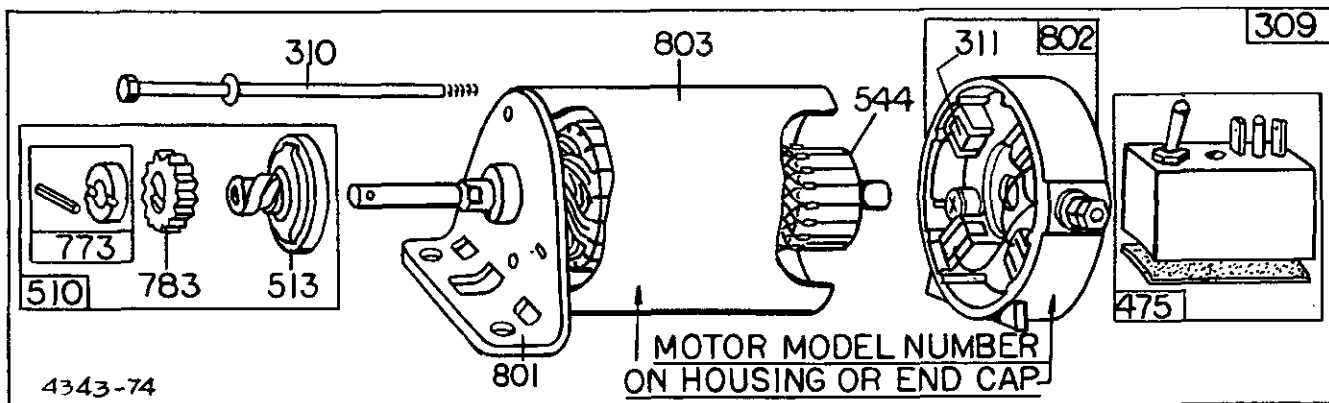
3



Assemblies include all parts shown in frames.

INSTRUCTIONS

To determine the part number of a starter motor, or starter motor part, first identify the starter motor manufacturer and motor model number. See illustration for location. Next, use chart to select part number.



Subject	Ref. No. 309	Ref. No. 510	Ref. No. 801	Ref. No. 544	Ref. No. 803	Ref. No. 802	Ref. No. 311	Ref. No. 310	Ref. No. 475
Starter Motor Mfr. and Motor Model Number	Motor and Drive Assy.	Drive Assembly	End Cap Assy. Drive	Armature Assy.	Housing Assy.	End Cap Assy. Commutator*	Brush Assy.	Thru Bolt Assy.	Rectifier Assy.
American Bosch									
12 V. SMH 12-A11	390307	390443	390444	390446	390447	390448	390449	390450	
12 V. SME 12-A8	299330	390094	390092	390086	390097	390089		390080	
12 V. 01965-23-MO-30-SM	390838	391461**	390444	391607	390447	390448	390449	390450	
110 V. SME 110-C3	299329	390094	390091	390088	390096	390098	390081	390080	390099
110 V. SME 110-C6	299556	390094	390092	390088	390095	390098	390081	390080	390084
110 V. SME 110-C8	299764	390094	390093	390088	390096	390098	390081	390080	390099
Mitsubishi									
12 V. MMO-5ML	390307	299963	390454	390456	390452	390455	390990	299962	
12 V. MMO-4FL	299330	299963	390454	390457	390453	390455	390990	299962	
12 V. MOOIT02271	390838	391461**	391585	391584	390452	390455	390990	93771	
110 V. J282188	299329	299963	299964	299968	299967	299965		299962	299966
Briggs & Stratton									
12 V.	390838	391461**	390825	390837	390849	390846	391705	391706	

* Includes Brush Set

** Includes # 391135 Clutch Assembly (Ref. No. 513)
280104 Gear (Ref. No. 783)
391462 Retainer and Pin (Ref. No. 773)

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147700 to 147703

REF. NO. I - 24

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	390381	Cylinder Assembly "Kool-Bore ★" This group of Cylinders, used on <i>Model 146700</i> Series type Nos. 0500 and up.		Note:	298747 Tube-Breather Used on <i>Model 146700</i> Series type Nos. 0127, 0135, 0143, 0144, 0151, 0152, 0153, 0632, 0649, 0651, 0663.			0161, 0652, 0654, 0658, 1121, 1128, 1147, 1639.
	Note:	299218 Cylinder Assembly. Used on <i>Model 146700</i> Series type Nos. 0010 to 0500.	12	♦27750	Gasket-Crankcase Cover-1/64" thick			260536 Crankshaft Used on <i>Model 146700</i> Series type Nos. 0160, 0660, 0664, 1134, 1145, 1630; also used on <i>Model</i> <i>147700</i> Series type No. 0132.
				♦27876	Gasket-Crankcase Cover-.005" thick			260818 Crankshaft Used on <i>Model 146700</i> Series type Nos. 0124, 1130.
				♦27877	Gasket-Crankcase Cover-.009" thick			
	299281	Cylinder Assembly (Sleeve Bore) This group of Cylinders, used on <i>Model 147700</i> Series type Nos. 0110 to 0135.	13	93210	Screw-Cylinder Head (2-9/32" long)			
			14	93211	Screw-Cylinder Head (2-21/32" long)	18	298616	Sump-Oil
				Note:	93583 Stud-Cylinder Head (1)		Note:	296594 Sump-Oil Used on <i>Model 146700</i> Series type Nos. 0148, 0633, 0660, 0664, 1134, 1139, 1145, 1630.
2	295962	Bushing-Cylinder			22963 Washer (1) Used on <i>Model 146700</i> Series type Nos. 1150, 1151, 1632, 1633.			390479 Sump-Oil Used on type Nos. 1152, 1625.
	Note:	Requires special tools for installation.				19	295963	Bushing-Oil Sump
3	294606	Seal-Oil					Note:	Requires special tools for installation.
4	221001	Plate-Cylinder Baffle	15	91084	Plug-Oil Drain	20	298423	Seal-Oil
	Note:	Used only on type type Nos. 0110 through 0133.		Note:	92738 Plug-Oil Drain (Magnetic) Used on <i>Model 146700</i> Series type No. 0155; also used on <i>Model</i> <i>147700</i> Series type No. 0127.	21	66768	Plug-Oil Filler
5	210578	Head-Cylinder			93418 Plug-Oil Drain (Hex. Socket) Used on <i>Model 146700</i> Series type No. 1137.	22	93585	Screw-Sump Mtg. Sem
6	22963	Washer-Plain			93448 Plug-Oil Drain (Hex. Socket) Used on <i>Model 146700</i> Series type Nos. 1152, 1625.	23	298260	Flywheel-Magneto
7	♦270340	Gasket-Cylinder Head					Note:	299375 Flywheel-Magneto Used on <i>Model 146700</i> Series type Nos. 0614, 1112, 1120, 1149, 1612, 1614, 1627, 1635.
8	299848	Breather Assembly Used on <i>Model 146700</i> Series type Nos. 1010 and up.						390180 Flywheel-Magneto Used on <i>Model 146700</i> Series type Nos. 1114, 1115, 1151, 1154, 1615, 1629, 1633.
8A	294988	Breather Assembly Used on <i>Model 146700</i> and <i>147700</i> Series type Nos. 0010 to 0665.				24	61760	Key-Flywheel
9	♦27803	Gasket-Valve Cover	16	260356	Crankshaft			
10	93536	Screw-Sem		Note:	260498 Crankshaft Used on <i>Model 146700</i> Series type Nos. 0633, 0644, 1139.			
11	280005	Tube-Breather Used on <i>Model 146700</i> Series type Nos. 1010 and up.			260506 Crankshaft Used on <i>Model 146700</i> Series type Nos. 0126, 0132, 0139, 0150, 0152, 0153,			
11A	67068	Tube-Breather Used on <i>Model 146700</i> and <i>147700</i> Series type Nos. 0010 to 0665.						

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♦ Included in Gasket Set-
Part No. 295970

REF. NO. 25 - 28

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
MODEL 146700 SERIES			297706 Ring Set—Piston—			Includes: 210889		
PISTON ASSEMBLIES			.020" O.S.			Ring—		
"Kool-Bore ★"			Consists of:			Piston,		
25	297692	Piston Assembly—	211242 Ring, Piston,			Comp. ,		
		Standard	Comp. , Top,			Top and		
	297693	Piston Assembly—	.020" O.S.			Center,		
		.010" O.S.	211245 Ring, Piston,			.010 O.S.		
	297694	Piston Assembly—	Comp. , Center,			295847		
		.020" O.S.	.020" O.S.			Ring—		
	297695	Piston Assembly—	211248 Ring, Piston,			Piston,		
		.030" O.S.	Oil, .020" O.S.			Oil,		
MODEL 147700 SERIES			297707 Ring Set—Piston—			.010" O.S.		
PISTON ASSEMBLIES			.030" O.S.			(with/		
(SLEEVE BORE)			Consists of:			expander)		
	295842	Piston Assembly—	211243 Ring, Piston,			295854 Ring Set—Piston—		
		Standard	Comp. , Top,			.020" O.S.		
	295846	Piston Assembly—	.030" O.S.			Includes: 210893		
		.010" O.S.	211246 Ring, Piston,			Ring—		
	295848	Piston Assembly—	Comp. , Center,			Piston,		
		.020" O.S.	.030" O.S.			Comp. ,		
	295850	Piston Assembly—	211249 Ring, Piston,			Top and		
		.030" O.S.	Oil, .030" O.S.			Center,		
MODEL 146700 SERIES			MODEL 147700 SERIES			.020" O.S.		
PISTON RING SETS			PISTON RING SETS			295849		
"Kool-Bore ★"			(SLEEVE BORE)			Ring—		
Note: For Chrome Piston			Note: For Chrome Piston			Piston,		
Ring Set—standard			Ring Set—standard			Oil,		
size—order Part No.			size—order Part No.			.020" O.S.		
298745.			298451.			(with/		
26	297815	Ring Set—Piston—Std.	295852	Ring Set—Piston—Std.		expander)		
		Consists of:				295855 Ring Set—Piston—		
		210600 Ring, Piston,				.030" O.S.		
		Comp. , Top, Std.				Includes: 210897		
		211037 Ring, Piston,				Ring—		
		Comp. , Center, Std.				Piston,		
		210602 Ring, Piston,				Comp. ,		
		Oil, Standard				Top and		
	297705	Ring Set—Piston—				Center,		
		.010" O.S.				.030" O.S.		
		Consists of:				295851		
		211241 Ring, Piston,				Ring—		
		Comp. , Top, .010" O.S.				Piston,		
		211244 Ring, Piston,				Oil,		
		Center, .010" O.S.				.030" O.S.		
		211247 Ring, Piston,				(with/		
		Piston, Oil,				expander)		
		.010" O.S.				27 68546 Lock—Piston Pin		
			295853	Ring Set—Piston—		28 295840 Pin Assembly—		
				.010" O.S.		Standard		
						295841 Pin Assembly—		
						.005" O.S.		

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REF. NO. 29 - 66

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
29	295839	Rod Assembly—Connecting Note: For Connecting Rod with .020" undersize Crankpin Bore—order No. 298788.	36	65906	Spring—Exhaust Valve Note: 26828 Spring—Exhaust Valve Used on <i>Model</i> 146700 Series type No. 0155; also used on <i>Model</i> 147700	55	295272	Housing—Rewind Starter Note: 298402 Housing—Rewind Starter Used on <i>Model</i> 146700 Series type Nos. 0122, 0131, 0629, 1120.
30	221725	Dipper—Connecting Rod	40	221596	Retainer—Valve Spring (Used with Valves with groove in stem) Used after Code No. 6711030.	56	295871	Pulley—Rewind Starter
31	220811	Lock—Connecting Rod Screw			Note: 230477 Retainer—Valve Spring	57	294303	Spring—Rewind Starter
32	92659	Screw—Connecting Rod and Bracket Mtg.			230476 Pin—Valve Spring Retainer Used before Serial No. 6711060 with Valves with hole in stem except those with Rotocoil.	58	66564	Rope—Rewind Starter (63" long) Note: If longer rope is needed order No. 66574 and cut to required length.
33	299885	Valve—Exhaust (Grooved Stem—includes Retainer No. 221596) Used after Code No. 6711030. Note: 260444 Valve—Exhaust (with hole in stem) For Pins and Retainers for this Valve see Note under Ref. No. 40. Used on <i>Model</i> 146700 Series type No. 0155; also used on <i>Model</i> 147700 Series type No. 0127.			292260 Rotocoil—Exhaust Valve	59	230228	Pin—Starter Grip
					230570 Pin—Valve Rotocoil Spring Retainer	60	66728	Grip—Starter Rope
					230569 Retainer—Exhaust Valve Rotocoil Used on <i>Model</i> 146700 Series type No. 0155; also used on <i>Model</i> 147700 Series type No. 0127.	61	68848	Bumper—Starter Pulley
34	261055	Valve—Intake Used after Code No. 6909251. Note: 299884 Valve—Intake (Grooved Stem—includes Retainer No. 221596) Used before Code No. 6909261. 299885 Valve—Intake (with hole in stem) Used on <i>Model</i> 146700 Series type No. 0155; also used on <i>Model</i> 147700 Series type No. 0127. For Pins and Retainers for Valves with hole in stem see Note under Ref. No. 40.	45	260933	Tappet—Valve	62	93254	Screw—Pulley Bumper Mounting Sem
			46	210728	Gear—Cam	63	260414	Spring—Ratchet
			50	295759	Elbow—Intake Note: 211459 Elbow—Intake Used on <i>Model</i> 146700 Series type Nos. 0127, 0135, 0143, 0144, 0151, 0152, 0153, 0632, 0649, 0651, 0663.	64	230543	Adapter—Ratchet Spring
			51	† 65647	Gasket—Intake Elbow	65	93572	Screw—Rewind Starter Housing Mtg. Sem (Used after Code No. 6904301) Note: 93163 Screw—Rewind Starter Housing Mtg. Sem Used before Code No. 6905011. 230796 Nut—Starter Mounting
			52	† 27828	Gasket—Intake Elbow Mounting			93420 Screw—Sem (on Blower Housing)
			52A	† 270538	Gasket—Carburetor Mounting			92290 Washer—Lock
			53	93128	Screw—Sem			90289 Washer—Lock (on Blower Housing) Used on <i>Model</i> 146700 Series type Nos. 0122, 0131, 0629, 1120.
35	65906	Spring—Intake Valve				66	298798	Clutch Assembly—Rewind Starter Used after Code No. 6601171.

† Included in Carburetor Overhaul Kit—Part No. 295938

♦ Included in Gasket Set—Part No. 295970

REF. NO. 66 - 98

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
	Note:	295684 Clutch Assembly—Rewind Starter Used before Code No. 6601181.	74	93042	Screw—Sem			299162 Carburetor Assembly Used on <i>Model</i> 146700 Series type Nos. 0135, 0144, 0151, 0152, 0153, 0632, 0649, 0651, 0663.
67	211383	Housing—Rewind Starter Clutch Used after Code No. 6601171.		Note:	93014 Screw—Rotating Screen Mounting (To Fan Blades) 93335 Screw—Fan to Clutch Housing Mtg. Used after <i>Model</i> 146700 Series type Nos. 0122, 0131, 0629.	91	298473	Body Assembly—Upper Carburetor Note: 298774 Body Assy.—Upper Carburetor Used on <i>Model</i> 146700 Series type Nos. 0127, 0128, 0131, 0135, 0138, 0143, 0144, 0151, 0152, 0153, 0632, 0649, 0651, 0663.
	Note:	210400 Housing—Rewind Starter Clutch Used before Code No. 6601181.	75	220865	Washer—Spring	92	299158	Body—Upper Carb.
68	63770	Ball—Clutch	76	68238	Washer—Ratchet Sealing	93	23108	Bushing—Throttle Shaft
69	66718	Washer—Starter Clutch, Thrust	81	222265	Lock—Screw	94 †	‡292681	Valve Assembly—Carburetor Idle
70	298799	Ratchet—Rewind Starter Clutch Used after Code No. 6601171.	90	298472	Carburetor Assembly (Manual Choke) Note: 298773 Carburetor Assembly Uses: 221787 Strap—Remote Choke 91359 Screw—Strap Mtg. Used on <i>Model</i> 146700 Series type Nos. 0127, 0128, 0131, 0143. 299159 Carburetor Assembly. (Choke-A-Matic) Used on <i>Model</i> 146700 Series type Nos. 0015, 0017, 0019, 0120, 0124, 0126, 0132, 0136, 0138, 0147, 0154, 0155, 0156, 0158, 0161, 0162, 0515, 0517, 0625, 0626, 0634, 0635, 0636, 0643, 0645, 0646, 0647, 0648, 0651, 0652, 0656, 0657, 0658, 0659; also used on <i>Model</i> 147700 Series type Nos. 0126, 0127, 0128, 0129, 0130, 0626.	95	93038	Screw—Throttle and Choke Valve Mounting Sem
	Note:	296916 Ratchet—Rewind Starter Clutch Used before Code No. 6601181.				96	221600	Valve—Throttle
71	221653	Washer—Retainer Used after Code No. 6601171.				97	297845	Shaft and Lever—Throttle Note: 298772 Shaft and Lever—Throttle Used on <i>Model</i> 146700 Series type Nos. 0127, 0128, 0131, 0135, 0143, 0144, 0151, 0152, 0153, 0632, 0649, 0651, 0663.
	Note:	221301 Washer—Retainer Used before Code No. 6601181. Uses: 26032 Ring				98	91920	Screw—Machine, Fill. Hd. 8-32 x 5/8"
73	221796	Screen—Rewind Starter Used after Code No. 6601171.					Note:	93067 Screw—Sem Used to mount Ground Terminal Insulator on <i>Model</i> 146700 Series type No. 0160; also used on <i>Model</i> 147700 Series type No. 0132.
	Note:	220823 Screen—Rewind Starter Used before Code No. 6601181. 221668 Screen—Rewind Starter Used on <i>Model</i> 146700 Series type Nos. 0122, 0131, 0629, 1120.						

† Included in Carburetor Overhaul Kit—Part No. 295938

‡ Included in Carburetor Overhaul Kit—Part No. 299852

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REF. NO. 99 - 125

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
99	26157	Spring—Throttle Adjustment	109	298875	Shaft and Lever — Choke (Manual)	119	90746	Screw—Machine, Fill. Hd. — 10-32 x 5/8"
100	61967	Stop—Throttle	Note:	298944	Shaft Assy. — Choke (Choke-A-Matic) Used on <i>Model 146700</i> Series type Nos. 0015, 0017, 0019, 0120, 0124, 0126, 0132, 0136, 0138, 0147, 0154, 0155, 0156, 0158, 0161, 0162, 0515, 0517, 0625, 0626, 0634, 0635, 0636, 0645, 0646, 0647, 0648, 0652, 0656, 0657, 0658, 0659; also used on <i>Model 147700</i> Series type Nos. 0126, 0127, 0128, 0129, 0130, 0626.	Note:	91359	Screw—Machine, Fill. Hd. 10-32 x 3/4" Used to mount Strap to Carburetor on <i>Model 146700</i> Series type Nos. 0127, 0128, 0131, 0143.
101	93043	Pin—Throttle Stop						
102	† 27918	Gasket—Carb. Body						
103	99333	Float—Carburetor						
104	† ‡ 230896	Pin—Float Hinge						
105	299096	Valve—Fuel Inlet						
107	295860	Body Assembly—Lower Carburetor (Manual Choke)						
	Note:	299160 Body Assembly—Lower Carburetor (Choke-A-Matic) Used on <i>Model 146700</i> Series type Nos. 0015, 0017, 0019, 0120, 0124, 0126, 0132, 0136, 0138, 0147, 0154, 0155, 0156, 0158, 0161, 0162, 0515, 0517, 0625, 0626, 0634, 0635, 0636, 0643, 0645, 0646, 0647, 0648, 0652, 0656, 0657, 0658, 0659; also used on <i>Model 147700</i> Series type Nos. 0126, 0127, 0128, 0129, 0130, 0626.						
		299161 Body Assy. — Lower Carburetor Used on <i>Model 146700</i> Series type Nos. 0127, 0128, 0131, 0143.						
		299163 Body Assy. — Lower Carburetor. Used on <i>Model 146700</i> Series type Nos. 0135, 0144, 0151, 0152, 0153, 0632, 0649, 0651, 0663.						
108	62872	Valve Choke	110	62899	Washer—Choke Lever	120	92290	Washer—Lock—No. 10 x 1/16" x 3/64"
108A	222010	Valve Choke	110A	220899	Washer—Choke Lever	121	299852	Carburetor Overhaul Kit (Used only for Ref. No. 125 Carburetors)
			111	26155	Spring—Choke Lever	121A	295938	Carburetor Overhaul Kit Used only for Ref. No. 90 Carburetors.
			111A	26229	Spring—Choke Lever	123	91456	Screw—Cap, Hex. Hd. —1/4-20 x 1"
			112	23123	Screw—Choke Lever	Note:	93483	Screw—Sem (2) Used on <i>Model 146700</i> Series type Nos. 0127, 0128, 0131, 0135, 0143, 0151, 0152, 0153, 0632, 0649, 0651, 0663.
			112A	23270	Screw—Choke Lever			
			113	390395	Nozzle—Carburetor	123A	93357	Screw—Carburetor Mounting
			114	† 68667	Gasket—Nozzle	124	92636	Screw—Cap, Hex. Hd. —1/4-20 x 2"
			118	† 391233	Valve Assy.—Needle	125	390411	Carburetor Assembly (Manual Choke)
			118A	† 99525	Valve Assy.—Needle	Note:	390417	Carburetor Assembly (Choke-A-Matic) Used on <i>Model 146700</i> Series type Nos. 1015, 1017, 1120, 1121, 1122, 1123, 1125, 1126, 1128, 1130, 1131, 1137, 1138, 1142, 1143, 1144, 1146, 1149, 1150, 1151, 1152, 1153, 1154.

† Included in Carburetor Overhaul Kit—Part No. 295938

‡ Included in Carburetor Overhaul Kit—Part No. 299852

REF. NO. 125 - 199

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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		390811 Carburetor Assembly (Choke-A-Matic) Used on type Nos. 1625, 1627, 1628, 1629, 1631, 1632, 1633, 1634.	147	‡230932	Screw—Nozzle	182	221088	Bracket—Fuel Tank L. H.
			158	27590	Filter—Carburetor Drain		221087	Bracket—Fuel Tank, R. H.
			159	211954	Retainer—Carburetor Drain Filter		Note:	221906 Bracket—Fuel Tank Used on <i>Model</i> 146700 Series type Nos. 0634, 0653, 0654, 0659, 0662, 1127, 1135, 1138, 1140, 1148, 1626, 1634.
			159A	220521	Retainer—Carburetor Drain Filter			
126	299851	Body Assembly—Carburetor	164	298410	Pipe Assembly—Air Cleaner	183	291367	Strap Assy.—Fuel Tank
127	‡221997	Plug—Welch		Note:	295593 Pipe Assy.—Air Cleaner Used on <i>Model</i> 146700 Series type Nos. 0165, 0650.	184	91257	Screw—Machine, Fill. Hd.—1/4-20 x 1-1/2"
128	211682	Venturi—Carburetor			298756 Pipe Assy.—Air Cleaner Used on <i>Model</i> 146700 Series type 0127, 0128, 0131, 0135, 0143, 0144, 0151, 0152, 0153, 0632, 0649, 0651, 0663.	185	90970	Nut—Square, 1/4-20
130	221986	Valve—Throttle				186	67218	Connector—Fuel Pipe
131	299650	Shaft and Lever—Throttle					Note:	390303 Connector and Shut-Off Valve Used on <i>Model</i> 146700 Series type Nos. 1150, 1151, 1632, 1633.
132	211712	Stop—Throttle				187	296004	Pipe—Fuel
133	299707	Float—Carburetor	165	93456	Nut—Wing		Note:	299146 Pipe—Fuel Used on <i>Model</i> 146700 Series type Nos. 0653, 0659, 0662, 1135.
134	‡299096	Valve—Fuel Inlet	166	230633	Stud—Air Cleaner			
136	221995	Bowl—Float	167	65978	Seal—"O" Ring			
137	‡270511	Gasket—Float Bowl	168	22832	Strap—Air Cleaner Pipe			
138	‡222014	Washer—Float Bowl	169	90832	Washer—Lock—1/4" x 3/32" x 5/64"			
141	299647	Shaft and Lever—Manual Choke	170	91468	Screw—Cap, Hex. Hd.—1/4-20 x 3/8"			
	Note:	299746 Shaft and Lever—Choke-A-Matic Uses: 270382 Washer—Felt Used on <i>Model</i> 146700 Series type Nos. 1015, 1017, 1120, 1121, 1122, 1123, 1125, 1126, 1128, 1130, 1131, 1137, 1138, 1142, 1143, 1144, 1146, 1149, 1150, 1151, 1152, 1153, 1154.	171	92129	Nut—Hex.—1/4-28			
		390684 Shaft and Lever—Choke-A-Matic Uses: 261116 Choke Return Spring 270382 Washer—Felt Used on type Nos. 1625, 1627, 1628, 1629, 1631, 1632, 1633, 1634.	180	290816	Tank Assy.—Fuel (4 quart)			
				Note:	292944 Tank Assembly—Fuel (2 quart) Used on <i>Model</i> 146700 Series type Nos. 0152, 0153.	188	93535	Screw—Sem
					292945 Tank Assy.—Fuel (3 Quart) Used on <i>Model</i> 146700 Series type Nos. 0144, 0651, 0663.	189	90366	Washer—Lock—5/16 x 1/8 x 1/16"
142	‡299740	Nozzle—Carburetor	181	293270	Cap—Fuel Tank	192	91397	Nut—Hex. 5/16-18
			181A	69221	Cap—Fuel Tank	193	90681	Screw—Cap, Hex. Hd.—5/16-18 x 5/8"
						194	90366	Washer—Lock—5/16 x 1/8 x 1/16"
						198	293934	Valve—Fuel Shut-Off
						199	295896	Outlet—Fuel Tank (Includes Strainer)
							Note:	292797 Outlet—Tank (Includes Strainer)

‡ Included in Carburetor Overhaul Kit—Part No. 299852

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REF. NO. 199 - 240

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		Used on <i>Model</i> 146700 Series type Nos. 0144, 0152, 0153, 0663.			260931 Spring—Gov. (For 3000 to 4000 R. P. M.)			Nos. 0016, 0017, 0120, 0124, 0126, 0132, 0135, 0136, 0138, 0144, 0147, 0151, 0152, 0153, 0154, 0155, 0156, 0158, 0161, 0162, 0515, 0517, 0625, 0626, 0632, 0634, 0635, 0636, 0643, 0645, 0646, 0647, 0648, 0649, 0651, 0652, 0656, 0657, 0658, 0659, 0663, 1015, 1017, 1120, 1121, 1122, 1123, 1125, 1126, 1128, 1130, 1131, 1137, 1138, 1142, 1143, 1144, 1146, 1149, 1150, 1151, 1152, 1153, 1154; also used on <i>Model</i> 147700 Series type Nos. 0126, 0127, 0128, 0129, 0130, 0626.
		297563 Outlet—Tank (Less Strainer) Used on <i>Model</i> 146700 Series type No. 0136.			Used on <i>Model</i> 146700 Series type Nos. 0124, 0635, 1130.			
200	221760	Guide—Air	216	260892	Link—Choke			
201	260971	Link—Governor		Note:	260896 Link—Choke			
		Used on <i>Model</i> 146700 Series type Nos. 1010 and up.			Used on <i>Model</i> 146700 Series type 0135, 0144, 0151, 0152, 0153, 0632, 0649, 0651, 0663.			
		Note: 260710 Link—Governor			260979 Link—Choke			
		Used on <i>Model</i> 146700 and 147700 Series type Nos. 0010 to 0665 except as listed below.			Used on <i>Model</i> 146700 Series type Nos. 1015, 1017, 1120, 1121, 1122, 1123, 1125, 1126, 1128, 1130, 1131, 1137, 1138, 1142, 1143, 1144, 1146, 1149, 1150, 1151, 1152.			
		260862 Link— Governor			261117 Link—Choke			
		Used on <i>Model</i> 146700 Series type Nos. 0127, 0128, 0131, 0135, 0143, 0144, 0151, 0152, 0153, 0632, 0649, 0651, 0663.			Used on type Nos. 1625, 1627, 1628, 1629, 1631, 1632, 1633, 1634.	225	230759	Shaft—Gov. Lever
206	230149	Nut—Governor				227	298303	Lever Assembly— Governor
		Control Rod	219	298614	Oil Slinger, Gov. Gear and Bracket Assembly	229	220680	Washer—Gov. Lever
207	26855	Spring—Control Rod				230	221559	Washer—Gov. Lever
208	230853	Rod—Governor	222	390661	Plate—Gov. Control	231	93064	Screw—Sem
		Control		Note:	390662 Plate— Governor Control	232	260584	Spring—Governor Link
209	261129	Spring—Governor (For 3400 to 4000 R. P. M.)			Used on type No. 1625, 1627, 1628, 1629, 1631, 1632, 1633, 1634, 1635, 1636.	240	295977	Filter Assembly—Fuel
		Note: 260723 Spring—Gov. (For 3000 to 4000 R. P. M.)					Note:	295984 Filter Assy. — Fuel
		Used on type Nos. 0010 thru 1155 except as listed under note.	222A	298997	Plate—Gov. Control			Used on <i>Model</i> 146700 Series type Nos. 0128, 0131, 0164, 0634, 0640, 0646, 0647, 0653, 0654, 0659, 0662, 1127, 1135, 1138, 1140, 1148, 1626, 1634.
		260871 Spring—Gov. (For 2700 to 3300 R. P. M.)			Used on type Nos. 0010 thru 1155 except those listed under part No. 298998.			298090 Filter—Fuel (In Fuel Pipe)
		Used on <i>Model</i> 146700 Series type Nos. 0135, 0151, 0625, 0632, 0646, 0647, 0649, 0656, 1631.		Note:	298998 Plate—Gov. Control			Used on <i>Model</i> 146700 Series type No. 0136.
					Used on <i>Model</i> 146700 Series type			

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
241	296019	Cover Assembly—Fuel Filter Note: 296005 Cover Assy.—Fuel Filter Used on <i>Model 146700</i> Series type Nos. 0128, 0131, 0164, 0634, 0640, 0646, 0647, 0653, 0654, 0659, 0662, 1127, 1135, 1138, 1140, 1148, 1626, 1634.	269	26633	65616 and cut to required length. Wire—Control—78" long Note: If longer wire is required, specify length in inches; if shorter wire is needed, order No. 26633 and cut to required length.			91464 Elbow—Muffler, 90° Street Used on <i>Model 146700</i> Series type Nos. 0126, 0127, 0128, 0131, 0132, 0135, 0138, 0143, 0144, 0151, 0152, 0153, 0154, 0159, 0632, 0636, 0649, 0656, 0658, 0663, 1123, 1126.
242	295913	Valve—Fuel Shut-off Note: 293934 Valve—Fuel Shut-Off Used on type Nos. 0136, 0144, 0152, 0153, 0663.	270	63426	Locknut—Control Wire Casing	304	299870	Housing—Blower (with Tank) Note: All Blower Housings under "Note" do not include a tank. 299392 Housing—Blower Used on <i>Model 146700</i> Series type Nos. 0612, 0614, 1112, 1114, 1115, 1149, 1151, 1154, 1612, 1614, 1615, 1627, 1629, 1633, 1635. 299853 Housing—Blower Used on <i>Model 146700</i> Series type Nos. 0015, 0018, 0019, 0127, 0128, 0133, 0135, 0137, 0139, 0141, 0143, 0144, 0149, 0150, 0151, 0153, 0155, 0156, 0158, 0160, 0164, 0515, 0625, 0626, 0632, 0634, 0640, 0647, 0649, 0651, 0653, 0654, 0659, 0660, 0663, 1015, 1122, 1127, 1129, 1131, 1138, 1140, 1144, 1147, 1148, 1150, 1153, 1626, 1628, 1631, 1632, 1634, 1636, 1639, also used on <i>Model 147700</i> Series type Nos. 0127, 0128, 0131, 0132.
243	22547	Screen—Fuel Filter	271	290568	Lever Assembly—Control			
244	67218	Connector—Fuel Pipe Note: 230318 Connector—Fuel Pipe Used on type Nos. 0128, 0131, 0164, 0634, 0640, 0646, 0647, 0653, 0654, 0659, 0662, 1127, 1135, 1138, 1140, 1148, 1626, 1634.	277	22776	Washer—Flat			
244A	230318	Connector—Fuel Pipe Note: 230317 Connector—Fuel Pipe Used on <i>Model 146700</i> Series type Nos. 0152, 0153.	300	294599	Muffler—Exhaust Note: 89953 Muffler—Exhaust Used on <i>Model 146700</i> Series type Nos. 0632, 0637, 0648, 0651, 1122, 1124, 1125, 1142, 1143. 299629 Muffler—Exhaust Used on <i>Model 146700</i> Series type Nos. 0632, 0637, 0648, 0651, 1122, 1124, 1125, 1142, 1143. 390147 Muffler—Exhaust Used on type Nos. 1144, 1153, 1154, 1628, 1629, 1635. 390578 Muffler—Exhaust Used on type No. 1625.			
245	668477	Gasket—Fuel Filter Bowl	301	91245	Nipple—Exhaust			
246	298683	Bowl—Fuel Filter	302	91242	Locknut—Muffler and Elbow			
247	99665	Yoke—Fuel Filter	303	91205	Elbow—Muffler—90° Note: 91219 Elbow—Muffler, 45° Street Used on <i>Model 146700</i> Series type Nos. 0144, 0162, 0657, 0663, 1148, 1626.			
261	93105	Screw—Sem						
265	221535	Clamp—Casing						
268	65616	Casing—Control Wire—72" long Note: If longer casing is required, specify length in inches; if shorter wire is needed, order No.						

♦ Included in Gasket Set—
Part No. 295970

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REF. NO. 304 - 493

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		299861 Housing—Blower Used on <i>Model</i> 146700 Series type Nos. 0121, 0132, 0136, 0152, 0630, 0646, 0662, 1113, 1135, 1613.	333	298968	Armature Assembly	362	291630	Shield—Spark Plug
		299862 Housing—Blower Used on <i>Model</i> 146700 Series type Nos. 0122, 0131, 0629.	334	93381	Screw—Armature Mounting Sem		Note: 89742	Shield—Spark Plug
		299887 Housing—Blower Used on <i>Model</i> 146700 Series type No. 1120.	337	298809	Plug—Spark (1-1/2" high— 38 M. M.)			Used on <i>Model</i> 146700 Series type No. 0155.
305	93158	Screw—Blower Housing Mtg. Sem			29693 Plug—Spark (2" high—51 M. M.)	363	19165	Puller—Flywheel
306	221005	Shield—Cylinder		Note:	Above Spark Plugs use Ignition Cable Terminal No. 221798.	364	280081	Socket—Regulator and Rectifier Lead Wire
307	93163	Screw—Cylinder Shield Mounting Sem	339	29667	Breaker Assembly— Ignition	372	220477	Clamp—Condenser
	Note:	221153 Cover— Cylinder Head Used on <i>Model</i> 146700 Series type No. 0155; also used on <i>Model</i> 147700 Series type No. 0127.	340	26018	Spring—Breaker Arm	375	294628	Breaker Points and Condenser Set
			341	93381	Screw—Breaker Arm Mounting Sem		Note:	299061 Ignition Kit Includes: 294628
			343	29861	Condenser			Point Set
			344	93370	Screw—Condenser Mounting Sem			65704 Plunger 61760 Key— Flywheel
			342	65704	Plunger—Breaker Point	380	62199	Washer—Plain
			345	222117	Cover—Breaker Point	423	93410	Screw—Sem
			345A	221046	Cover—Breaker Point	474	391222	Stator and Bracket— Alternator
			346	93014	Screw—Hex. Head	474A	390185	Stator—Alternator
			347	220884	Switch—Stop (For 1-1/2" High— 38 M. M. Spark Plugs)		Note:	Used on type Nos. 1115, 1151, 1154.
				Note:	221808 Switch—Stop (For 2" High—51 M. M. Spark Plugs)	481	230976	Bushing—Stator
			352	66068	Washer—Insulating	482	93621	Screw—Stator Mtg.
				Note:	66895 Insulator— Terminal	485	390888	Knob Assembly— Fuse
					Uses: 90200 Screw— Terminal	486	67125	Fuse—7-1/2 Ampere
309		Motor—Starting (12 Volt) See Chart on Page 5 for Replacement Parts for Starting Motors			90576 Nut— Hex. (2)	486A	67345	Fuse—15 Ampere
					92791 Washer— Lock (3)		Note:	Used on type No. 1115.
309A		Motor—Starting (110 Volt) See Chart on Page 5 for Replacement Parts for Starting Motors			Used on <i>Model</i> 146700 Series type No. 0160; also used <i>Model</i> 147700 Series type No. 0132.	488	222211	Bracket—Fuse
			353	92791	Washer—Lock— Shakeproof (3)	491	222115	Bracket—Rectifier Plug
321	210899	Pulley—Starter Drive	354	90576	Nut—Hex.—8-32 (2)	492	390555	Starter—Generator (12 volt) (Delco-Remy No. 1101695 and Pulley Delco-Remy No. 1949358)
322	90931	Screw—Cap, Hex. Hd. —1/4-20 x 2-1/4"	355	66554	Collar—Insulating	493	211594	Bracket—Lower Starter
323	68588	Belt—Vee	356	299500	Wire—Ground		Note:	211112 Bracket— Lower Starter
324	221067	Screen—Rotating	358	295970	Gasket Set			Used on <i>Model</i> 146700 Series type Nos. 0132, 0136, 0152.
325	299307	Pulley—Rope Starter (with Screen)						
328	221447	Guard—Belt						
332	92284	Nut						

REF. NO. 497 - 682

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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
497	91203	Screw—Cap, Hex. Head—5/16-18 x 1-3/4"			Uses: 27907 Gasket—Air Cleaner Mounting	658	221576	Strap—Control Plate
500	91325	Washer—Plain			296270 Cover and Filter—Air Cleaner		Note: 221827	Strap—Speed Control
501	295924	Regulator—Voltage (Delco—Remy No. 1118988)			296704 Bowl—Air Cleaner			Used on Model 146700 Series type Nos. 0015, 0016, 0017, 0120, 0124, 0126, 0132, 0135, 0136, 0138, 0142, 0144, 0147, 0150, 0151, 0152, 0153, 0154, 0155, 0156, 0158, 0161, 0162, 0515, 0516, 0517, 0626, 0632, 0634, 0635, 0636, 0639, 0641, 0643, 0645, 0646, 0647, 0648, 0649, 0651, 0652, 0654, 0655, 0656, 0657, 0658, 0659, 0663, 1015, 1017, 1120, 1121, 1122, 1123, 1125, 1126, 1128, 1130, 1131, 1137, 1138, 1140, 1142, 1143, 1144, 1146, 1149, 1150, 1152, 1153, 1154; also used on Model 147700 Series type Nos. 0125, 0126, 0127, 0128, 0129, 0130, 0625, 0626.
508	93294	Screw—Sem (Control Plate Strap and Blower Housing Mounting)			Used on Model 146700 Series type 0165, 0650.			
516	260374	Spring—Connector	537	270539	Gasket—Air Cleaner			
517	295423	Pulley—Rope Starter (with screen)	541	22398	Washer			
	Note: 221400	Pulley—Rope Starter	552	230927	Bushing—Gov. Shaft (no threads)			
		Used on Model 146700 Series type No. 0121.	552A	230761	Bushing—Gov. Shaft (with threaded end)			
518	69932	Rope—Starter	562	92613	Bolt—Governor Lever			
521	298529	Shielding—Ignition Cable	590	93226	Screw—Breaker Mounting Sem			
527	221428	Clamp (At Cylinder Head)	592	90356	Nut—Hex., 10-24			
527A	221834	Clamp (At Intake Elbow)	601	93053	Clamp—Fuel Pipe			
534	93622	Screw—Air Cleaner	605	298758	Bracket—Guard			
	Note: 93330	Screw—Air Cleaner.	606	221790	Strap—Adjusting			
		Used before Code No. 6909261.	608	295001	Starter Assembly—Rewind (with standard length rope)			
534A	93323	Screw—Air Cleaner		Note: For Starter Assembly with longer than standard rope order No. 298107.				
		Used after Code No. 6909251.		298340 Starter Assembly—Rewind				
535	270528	Element—Air Cleaner		Used on Model 146700 Series type Nos. 0122, 0131, 0629.				
535A	270209	Element—Air Cleaner (Round Type)				659	93390	Nut—Governor Shaft Bushing
536	390379	Cleaner Assembly—Air	613	93549	Screw—Muffler Mounting	660	221577	Bracket—Control Control Plate
		Used after Code No. 6909251.	614	93306	Cotter—Hair Pin	662	222027	Bracket—Carburetor
	Note: 299849	Cleaner Assembly—Air	615	93307	Retainer—E-Ring	663	93572	Screw—Bracket Mtg.
		Used before Code No. 6909261.	621	297472	Switch—Stop	665	296768	Oil Minder
536A	298681	Cleaner Assy.—Air	635	66538	Elbow—Spark Plug	673	93438	Screw—Retainer
	Note: 296434	Cleaner Assembly—Air	638	26404	Washer	682	211516	Shield—Starter Clutch
			642	221634	Cover—Air Cleaner		Note: 211521	Fan—Starter Clutch
			643	280002	Cup—Air Cleaner			Uses: 93335 Screw—Sem
			655	221014	Anchor—Spring			To mount Fan to Starter Clutch
			657	93496	Screw—Sem			

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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		Used on <i>Model</i> 146700 Series type Nos. 0122, 0131, 0629, 1120.			Used on type Nos. 0614, 1120.	781	280068	Cap-Starter Pulley
683	93067	Screw	728	93523	Screw-Sem	800	222212	Retainer
684	221781	Stop-Control Lever	728	93523	Screw-Sem	806	390545	Regulator-
685	93392	Screw-Machine, Rd. Hd. -5-40 x 1/2"	729	221907	Clip-Wire			Alternator
686	91622	Washer-Lock	732	93490	Screw-Sem	809	390892	Rectifier-Alternator
687	390690	Slide-Friction Control	735	390966	Cord-Starter	809A	390692	Rectifier-Alternator
687A	298957	Slide-Friction Control		Note:	390748 Cord-Starter (For Canadian use only)	809B	390546	Rectifier-Alternator
688	221766	Cap-Friction Spring	762	296147	Electric Starter- Generator Kit-12 Volt (high position)		Note:	390408 Rectifier- Alternator
689	260847	Spring-Friction		Note:	Cannot be used on engines with Fuel Tank welded to Blower Housing.			Uses: 230982 Spacer
690	92484	Screw-Machine, Fil. Hd. -10-32 x 1/2"				813	390611	Clamp-Diode
725	221885	Shield-Heat	763	390211	Electric Starter Kit- 12 Volt (Gear Drive)	814	390867	Wire Assembly-
726	299543	Gear-Flywheel Ring (includes mtg. parts)		Note:	Cannot be used on engines with Fuel Tank welded to Blower Housing.			Alternator
727	390233	Cover and Shield- Starter				816	93664	Washer-Lock-
	Note:	221940 Guard-Ring Gear						Shakeproof
		Uses: 93623 Screw (2)	763A	299914	Electric Starter Kit- 110 Volt (Gear Drive)	817	390627	Diode Assembly-
		90366		Note:	Cannot be used on engines with		Note:	Isolation
		Washer-			Alternator or with			For Isolation Diode Kit for 7 Amp.
		Lock (2)			Fuel Tank welded to	818	390608	Diode-Isolation
		To mount			Blower Housing.	819	93680	Screw-Sem
		Guard						