

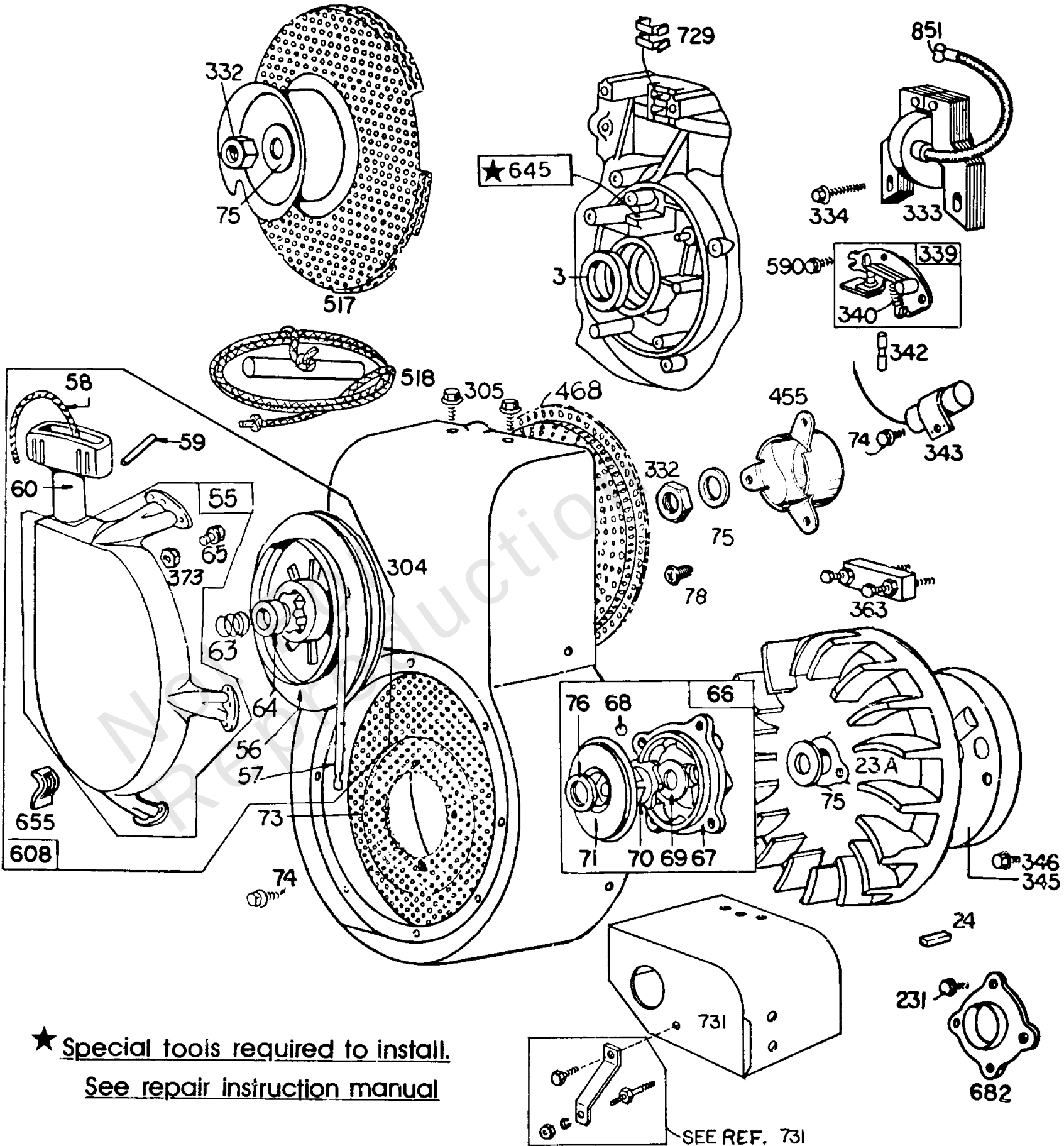


Parts Manual

Mfg. No: 220432-0147-99

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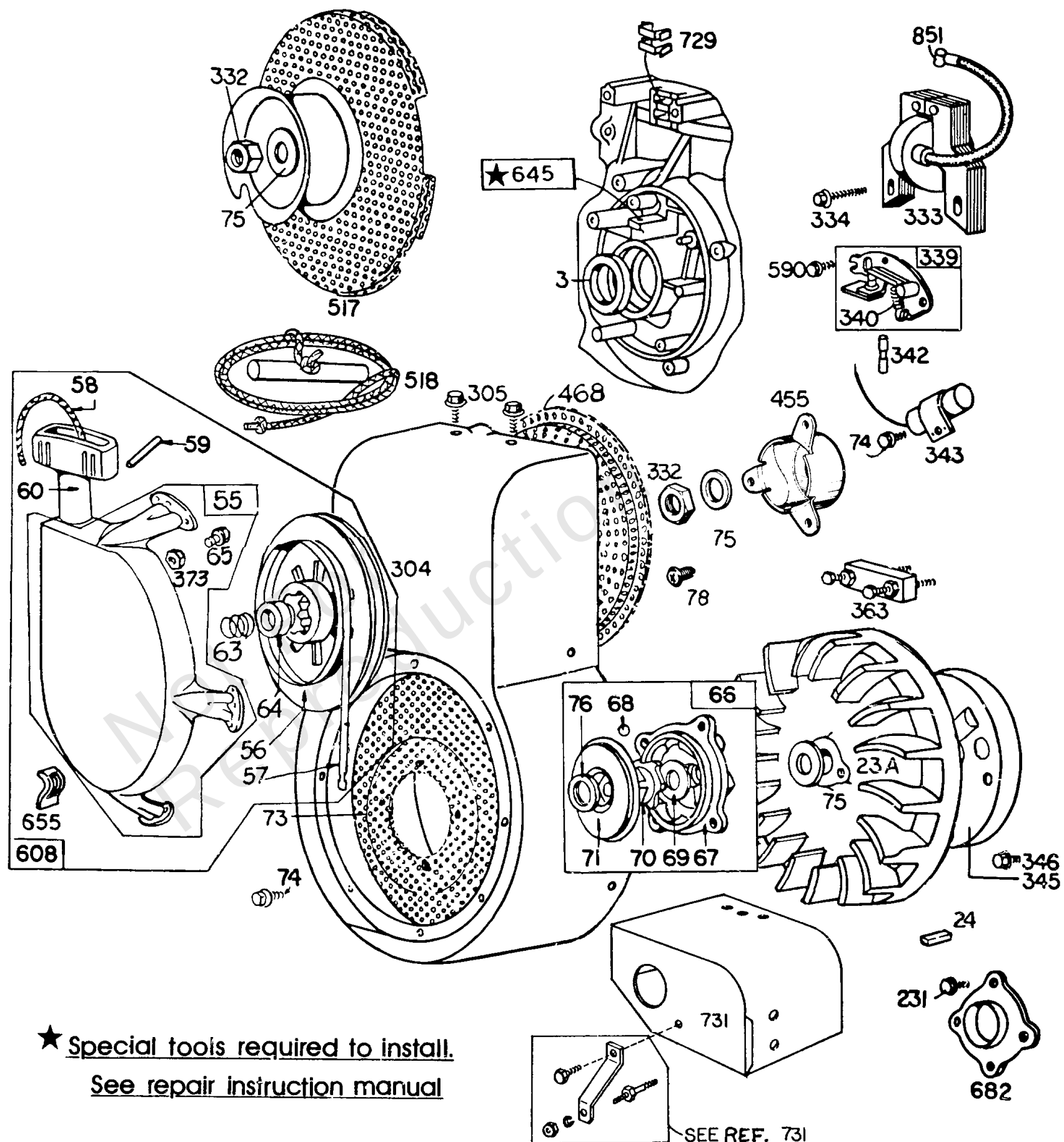


Blower Hsg,Flywheel,Rewind

REF NO	PART NO	QTY	DESCRIPTION
3	391086		SEAL, Oil -(Magneto Side)
23A	392157		FLYWHEEL -(Rope And Rewind Starter)
24	61760		KEY, Flywheel -(Breaker Ignition)
55	393576		HOUSING, Rewind Starter
56	295871		PULLEY, Starter -(63 Rope)
57	294303		SPRING, Rewind Starter
58	66884		ROPE, Starter -(Cut To Required Length)
59	230228		PIN, Starter Grip
60	66728		GRIP, Starter Rope
63	260414		SPRING, Ratchet
64	230543		ADAPTER, Ratchet Spring
65	93067		SCREW -(3/8)
66	298798		CLUTCH, Starter -(Rewind Starter)
67	212132		HOUSING, Clutch
68	63770		BALL, Clutch
69	66718		WASHER -(1-1/16 O.D. X 17/32 I.D.) (1 1/16 O.D. X 17/32 I.D.)
70	298799		RATCHET, Clutch -(engine W/Ring Gear on FW equipped for Elec Start)
71	221653		WASHER
73	221796		SCREEN, Rotating
74	93042		SCREW
75	220865		WASHER -(Heavy Flywheel)
76	68238		SEAL, Ratchet
78	93805		SCREW
231	93064		SCREW
304	391502		HOUSING, Blower
305	93158		SCREW -(1/4-20 X 5/8)
332	92284		NUT -(Flywheel)
333	298968		ARMATURE, Magneto -(Breaker Ignition)
334	93381		SCREW
339	391284		BREAKER, Ignition
340	26018		SPRING, Breaker Arm
342	65704		PLUNGER, Breaker
343	29861		CONDENSER
345	222309		COVER, Breaker
346	93705		SCREW -(8-32 X 3/8)
363	19203		PULLER, Flywheel
373	92987		STARTER, Rewind
455	222561		CUP, Flywheel

Footnotes:

Use 392918 Starter Panel Kit on Engines
Use 222751 Starter Panel on Engines



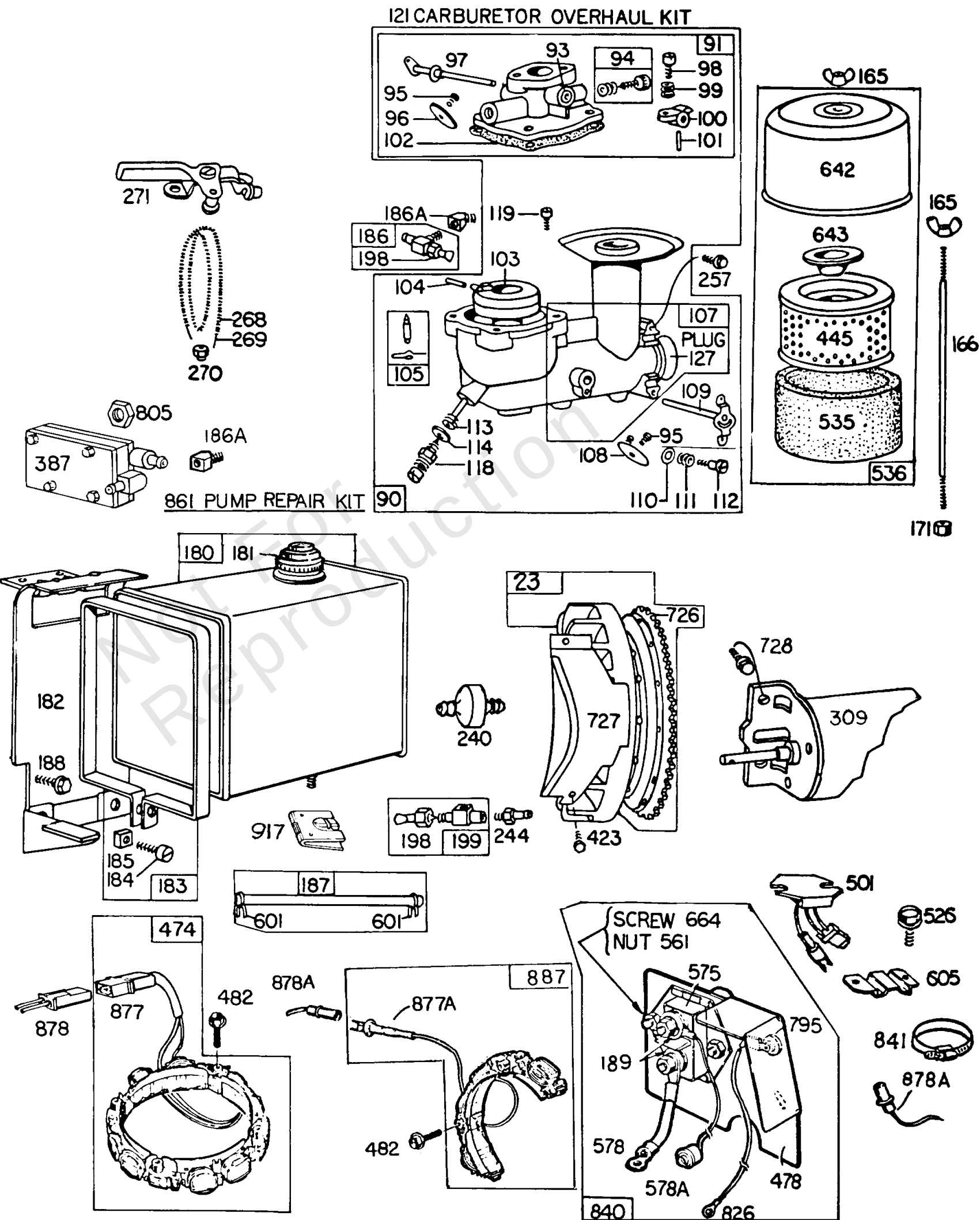
Blower Hsg, Flywheel, Rewind

REF NO	PART NO	QTY	DESCRIPTION
468	222562		SCREEN, Rotating
517	295423		PULLEY, Rope Starter
518	69932		GRIP, Starter Rope
590	93226		SCREW
608	390391		STARTER, Rewind
645	23513		BUSHING, Plunger -(Used only with Breaker Point Ignition)
655	222598		ANCHOR, Rewind Spring -(Stamped Rewind Housing)
682	211516		SHIELD, Starter
729	221907		CLIP, Wire
731	394660		HOOD, Snow -Uses: 222710 Strap-Support 93705 Screw (Hood to Strap) 93042 Screw (Hood to Blower Hsg.) 93559 Screw-Sem (Hood to Cyl. Hd.)
851	221798		TERMINAL, Spark Plug

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Carb,FuelTank,A/C,Electrical

REF NO	PART NO	QTY	DESCRIPTION
23	391988		FLYWHEEL -(Plastic Motor Drive)
90	394745		CARBURETOR -Used Before Code Date 81060200
91	391833		BODY, Upper Carburetor
93	23108		BUSHING, Throttle Shaft
94	292681		VALVE, Idle Mixture -Included in Carburetor Overhaul Kit-See Ref. 121
95	93499		SCREW -(Throttle Valve)
96	221939		VALVE, Throttle
97	391596		SHAFT, Throttle
98	91920		SCREW -(8-32 X 5/8)
99	26157		SPRING, Compression
100	61967		STOP, Throttle
101	93043		PIN, Shaft
102	270268		GASKET, Carburetor Body -Included in Carburetor Overhaul Kit-See Ref. 121. Included in Gasket Set-Part No. 391834
103	298514		FLOAT, Carburetor
104	230896		PIN, Float Hinge -Included in Carburetor Overhaul Kit-See Ref. 121
105	299096		KIT, Needle/Seat -Used Before Code Date 81060200
105	394681		KIT, Needle/Seat -(Gravity Feed) -Used After Code Date 81060100
107	391829		BODY, Lower Carburetor
108	391836		VALVE, Choke
109	391583		SHAFT, Choke
110	62899		WASHER -(Thermostat)
111	26155		SPRING, Friction
112	23123		SCREW
113	390395		NOZZLE, Carburetor -Used Before Code Date 81060200
114	68667		WASHER -(Viton Seat) Included in Carburetor Overhaul Kit-See Ref. 121
118	99525		VALVE, High Speed -Included in Carburetor Overhaul Kit-See Ref. 121
119	93496		SCREW -(10-32 X 5/8)
121	391071		KIT, Carburetor Overhaul -Used Before Code Date 81060200
121	394989		KIT, Carburetor Overhaul -Used After Code Date 81060100
127	221747		PLUG, Welch -Included in Carburetor Overhaul Kit-See Ref. 121
165	93453		NUT
166	231007		STUD -(Air Cleaner)

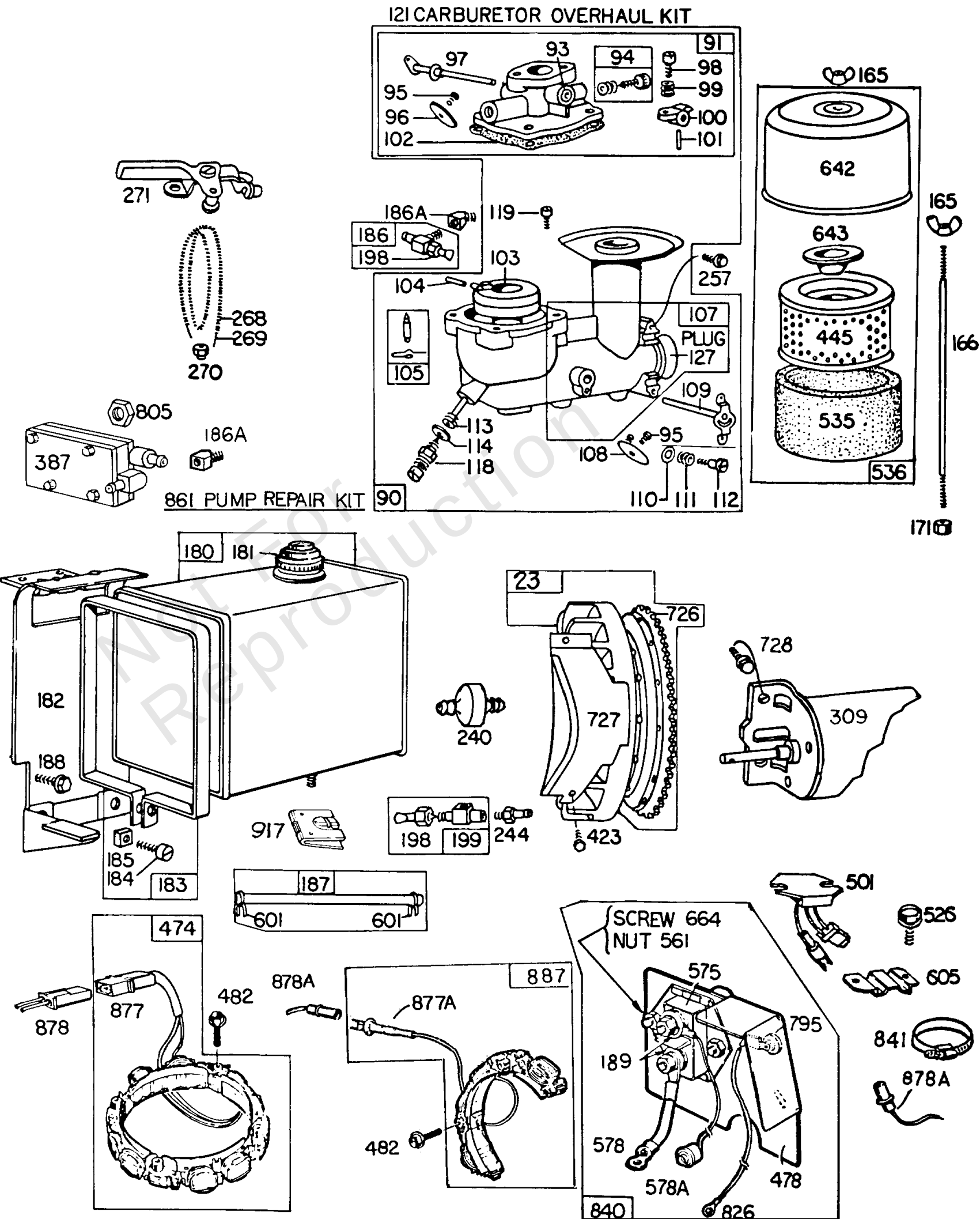
Footnotes:

Use 392725 Starter Panel Kit on Engines

Use 392918 Starter Panel Kit on Engines

Use 222751 Starter Panel on Engines

Included in Carburetor Overhaul Kit-See Ref. 121



Carb,FuelTank,A/C,Electrical

REF NO	PART NO	QTY	DESCRIPTION
166	93110		SCREW -Used to plug Air Cleaner Stud Hole in bottom of Carburetor.
171	92129		NUT -(1/4-28)
180	291488		TANK, Fuel -(6 Quart)
181	392301		CAP, Fuel Tank
182	222827		BRACKET, Fuel Tank
183	291490		STRAP, Fuel Tank -(6 Quart)
184	91257		SCREW -(1/4-20 X 1-1/2)
185	90970		NUT -(1/4-20)
186A	92780		CONNECTOR, Hose
186	390303		OUTLET, Tank
187	296004		LINE, Fuel -(Cut To Required Length) Uses: 280275 Cable Tie
188	93535		SCREW -(5/16-18 X 3/4)
189	90366		WASHER
198	293934		VALVE, Fuel Shut Off
199	297563		OUTLET, Tank
240	298090		FILTER, Fuel
244	230318		CONNECTOR, Hose
257	93543		SCREW -(10-32 X 3/8)
268	65616		CASING, Control Wire -(Cut To Required Length)
269	26633		WIRE, Control -(Cut To Required Length) If longer wire is required, specify length in inches; if shorter wire is needed, Order No. 26633 and cut to required length.
270	63426		NUT -(Control Wire Casing)
271	290568		LEVER, Control
309	392749		MOTOR, Starter -(3 1/16 Housing) Old Style: Brush End Head is 13/16 Wide
309	394805		MOTOR, Starter -(3 1/16 Housing)
387	390665		PUMP, Fuel
423	93410		SCREW
423	93984		SCREW
445	390930		FILTER, A/C Cartridge
474	393295		ALTERNATOR -(10, 13, or 16 Amp-Depending on Size of Flywheel Magnets) (Regulated)
474	393474		ALTERNATOR -(Dual Circuit)
478	395410		KIT, Panel -Used Before Code Date 81102100
482	93621		SCREW -(Tapping)
501	393374		REGULATOR -(10 Amp)

Footnotes:

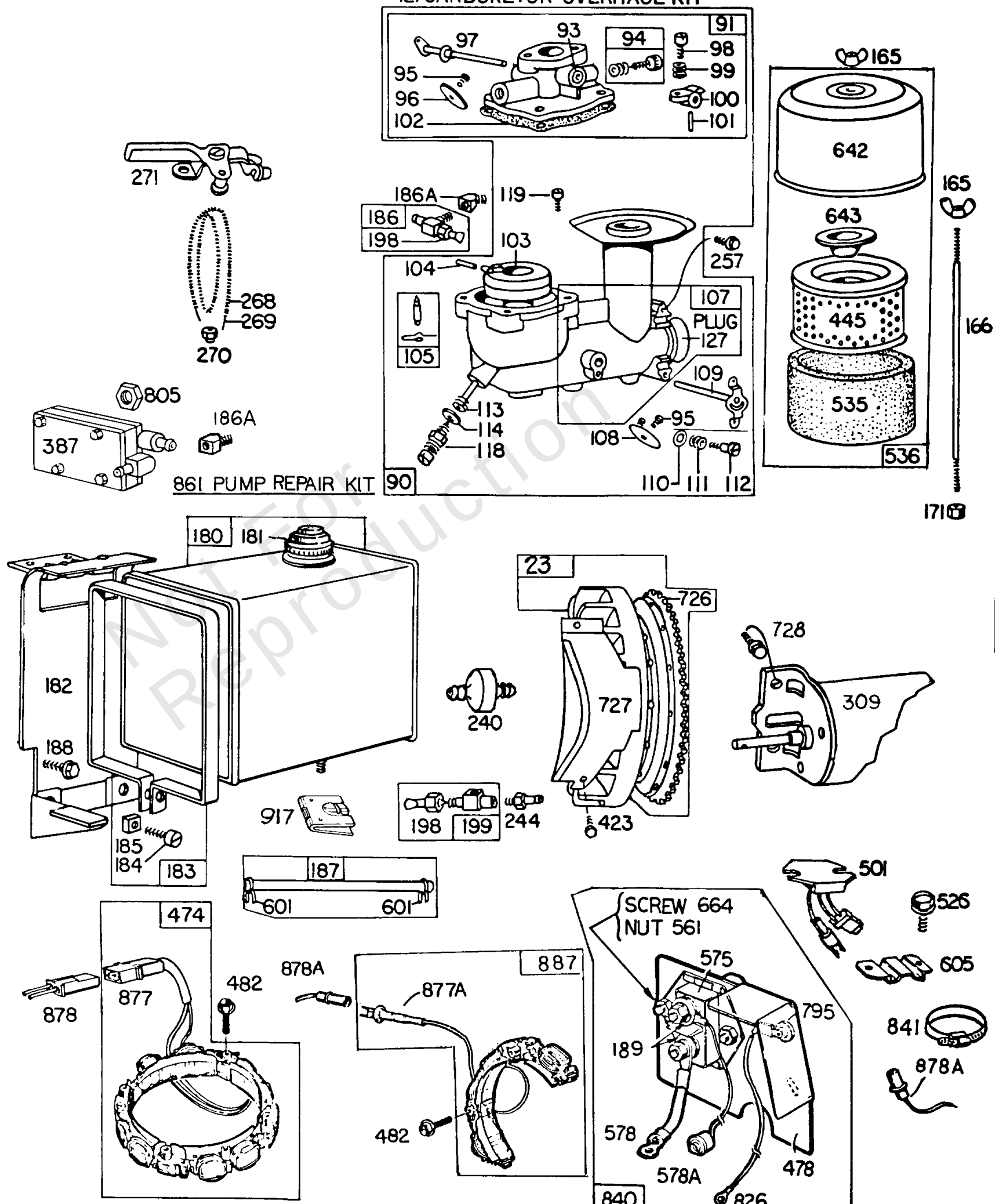
Use 392725 Starter Panel Kit on Engines

Use 392918 Starter Panel Kit on Engines

Use 222751 Starter Panel on Engines

Included in Carburetor Overhaul Kit-See Ref. 121

121 CARBURETOR OVERHAUL KIT



Carb,FuelTank,A/C,Electrical

REF NO	PART NO	QTY	DESCRIPTION
526	93343		SCREW -(Control Panel)
535	270782		FILTER, Air Cleaner Foam
536	391063		CLEANER, Air
561	92278		NUT -(Starting Switch)
575	299139		SWITCH, Starting
578A	393109		WIRE ASSEMBLY -(Starter Switch To Alternator)
578	392683		CABLE, Starter
601	93053		CLAMP, Hose -(Green)
605	222934		BRACKET, Mounting
642	222271		COVER, Air Cleaner
643	222272		RETAINER, Air Filter
664	93415		SCREW -(1/4-20 X 3/4)
726	392134		GEAR, Ring
727	93713		WASHER -To mount Guard
728	93535		SCREW -(5/16-18 X 3/4)
795	392697		SWITCH, Toggle -(Toggle Switch) Uses: 93888 Hex. Nut
795	392833		SWITCH, Key
805	231001		NUT
826	392684		WIRE, Stop -(Starter Switch to Ground Wire Terminal)
840	395408		KIT, Panel -(Toggle Switch) -Used Before Code Date 81102100
840	395409		KIT, Panel -(Key Switch) -Used Before Code Date 81102100
841	393514		CLAMP
861	394462		KIT, Fuel Pump -(Use With Pump 390818 Only)
877A	393814		WIRE/CONNECTOR, Alternator -(10 Amp Regulated)
877	393456		WIRE/CONNECTOR, Alternator
878A	393422		WIRE ASSEMBLY -(Dc Only)
878	393362		HARNESS, Alternator -(Dual Circuit)
887	391529		ALTERNATOR -(DC Only)
917	223271		VALVE, Handle Shutoff

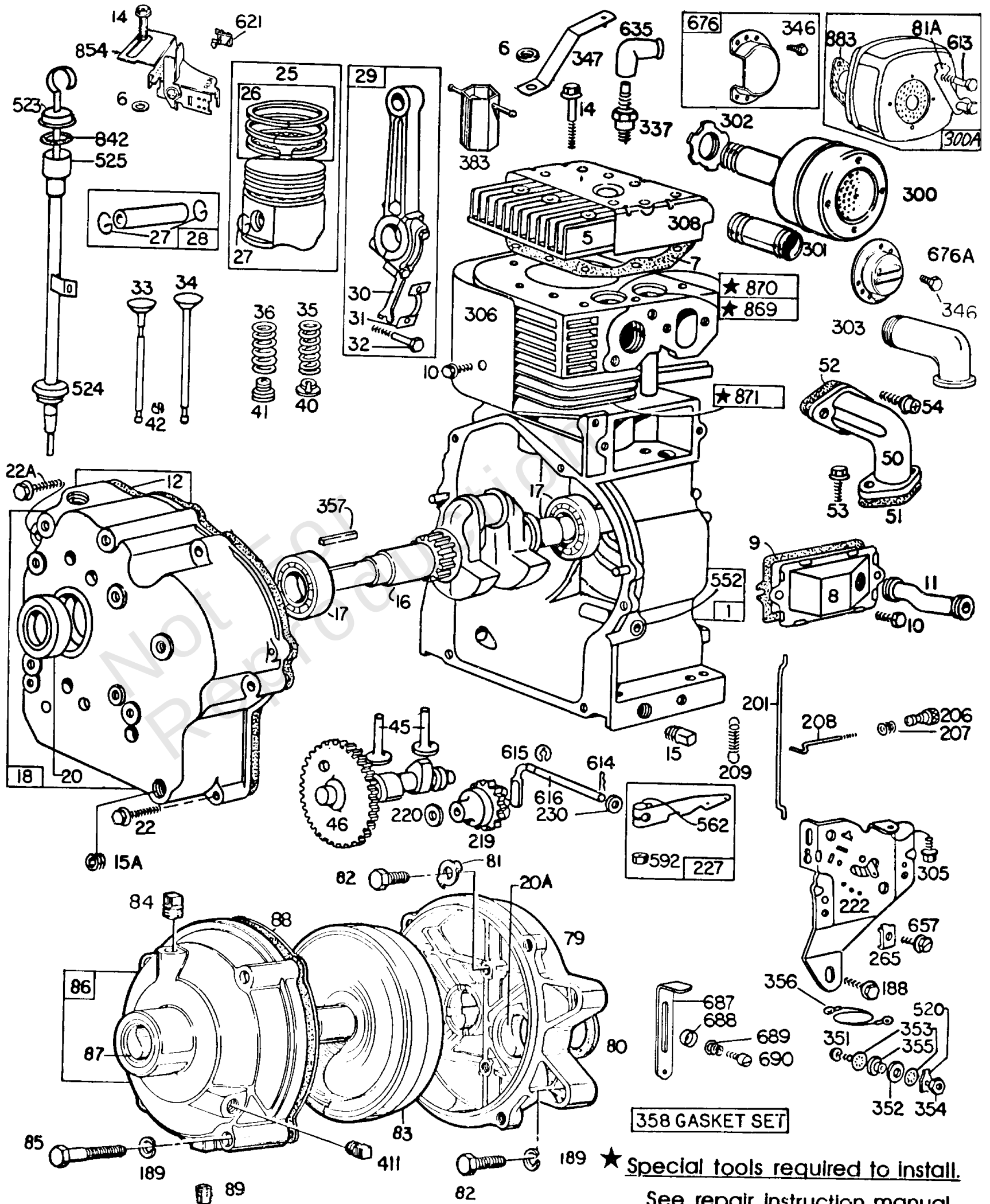
Footnotes:

Use 392725 Starter Panel Kit on Engines

Use 392918 Starter Panel Kit on Engines

Use 222751 Starter Panel on Engines

Included in Carburetor Overhaul Kit-See Ref. 121

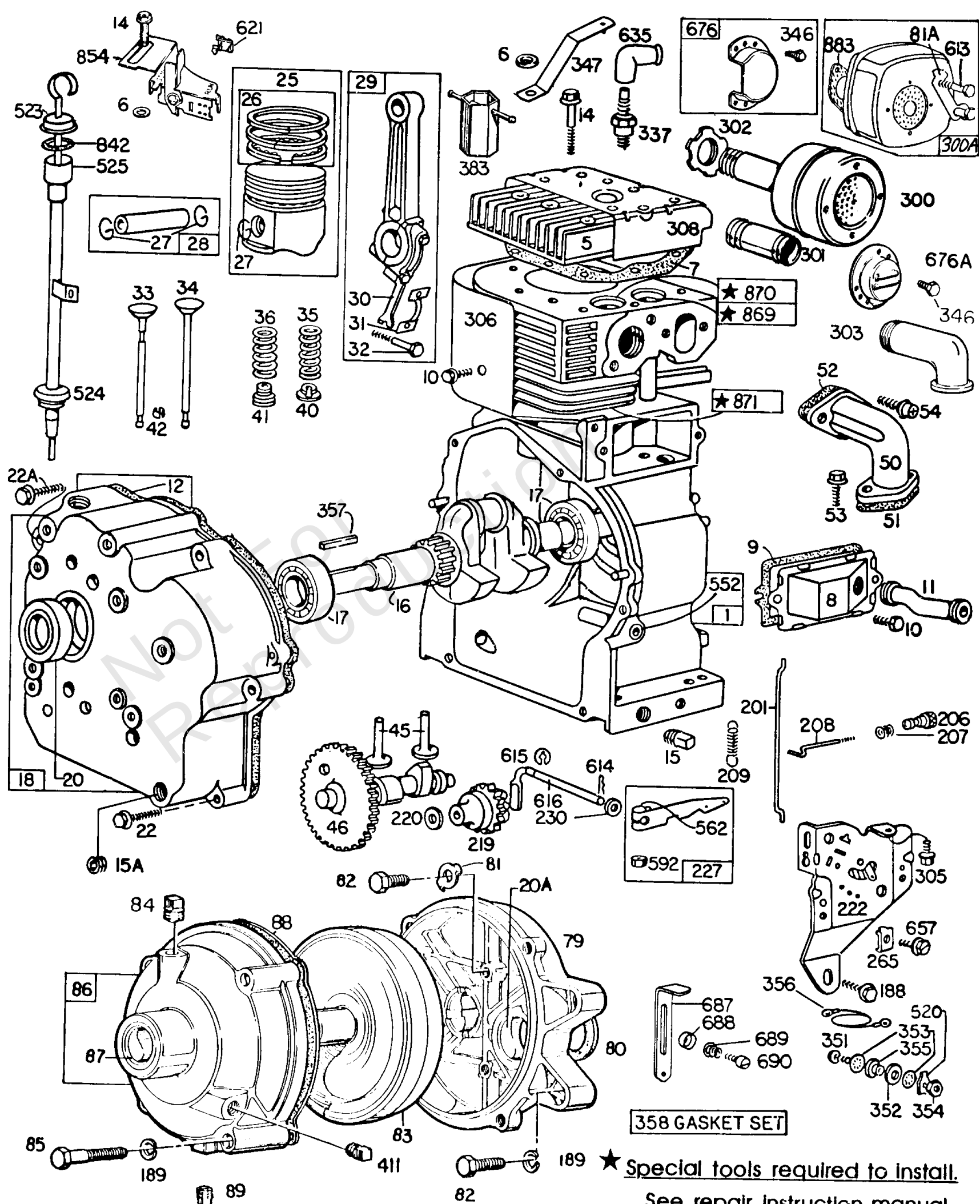


Cylinder, Gear Case, Piston

REF NO	PART NO	QTY	DESCRIPTION
1	393887		CYLINDER ASSEMBLY
5	212366		HEAD, Cylinder
6	22963		WASHER
7	271075		GASKET, Cylinder Head -Included in Gasket Set-Part No. 391834
8	391575		BREATHER ASSEMBLY
9	27803		GASKET, Rocker Cover -Included in Gasket Set-Part No. 391834
10	93394		SCREW
11	280112		TUBE, Breather
12	270856		GASKET, Crankcase -(1/64) Included in Gasket Set-Part No. 391834
12	270857		GASKET, Crankcase -(.005) Included in Gasket Set-Part No. 391834
12	270858		GASKET, Crankcase -(.009) Included in Gasket Set-Part No. 391834
14	93723		SCREW -(3)
14	93781		STUD -(3 15/16)
15A	93418		PLUG, Oil Drain -(Flush)
15	91084		PLUG, Oil Drain -(3/8)
16	261510		CRANKSHAFT
17	291667		BEARING, Ball
18	393893		COVER, Crankcase
20A	391086		SEAL, Oil -(Magneto Side)
20	291675		SEAL, Oil -(Crankcase Cover)
22A	93764		SCREW -(Crankcase Cover)(Position 6)
22	93585		SCREW -(Crankcase Cover)
22	93730		STUD
25	391285		PISTON ASSEMBLY -(Standard)
25	391287		PISTON ASSEMBLY -(.010 Oversize)
25	391288		PISTON ASSEMBLY -(.020 Oversize)
25	391289		PISTON ASSEMBLY -(.030 Oversize)
26	391780		SET, Ring -(Standard)
26	391781		SET, Ring -(.010 Oversize)
26	391782		SET, Ring -(.020 Oversize)
26	391783		SET, Ring -(.030 Oversize)
26	392331		SET, Ring -(Standard)

Footnotes:

Use 392918 Starter Panel Kit on Engines
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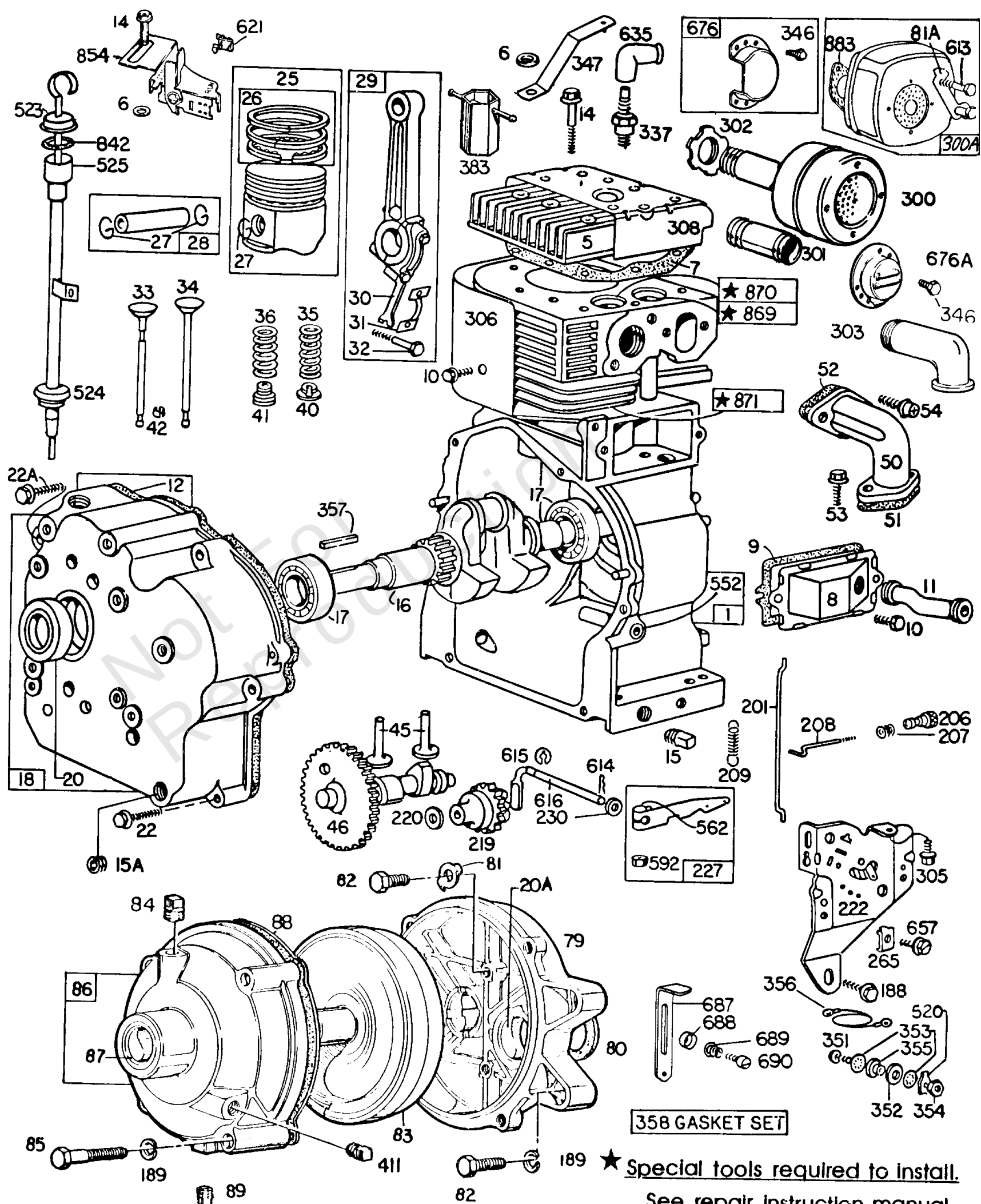


Cylinder, Gear Case, Piston

REF NO	PART NO	QTY	DESCRIPTION
27	260924		LOCK, Piston Pin
28	299691		PIN, Piston -(Standard)
28	391286		PIN, Piston -(.005 Oversize)
29	393860		ROD, Connecting -(Standard)
29	393861		ROD, Connecting -(.020 Undersize)
30	222329		DIPPER, Connecting Rod
31	222299		LOCK, Rod Screw
32	92909		SCREW
33	261185		VALVE, Exhaust
34	261462		VALVE, Intake
35	65906		SPRING, Valve -(Intake)
36	26828		SPRING, Valve -(Exhaust)
40	221596		RETAINER, Valve -(Valves With Groove In Stem)
41	292260		RETAINER, Valve -(Exhaust Valve) (Exhaust)
42	93630		KEEPER, Valve -(2)
45	261183		TAPPET, Valve
46	212296		CAMSHAFT
51	270267		GASKET, Intake -Included in Carburetor Overhaul Kit-Part No. 391071. Included in Gasket Set- Part No. 391834
52	270872		GASKET, Intake -Included in Carburetor Overhaul Kit-Part No. 391071. Included in Gasket Set- Part No. 391834
53	93415		SCREW -(1/4-20 X 3/4)
54	93208		SCREW -(Intake Manifold)
79	296179		CASE, Gear Reduction
80	27884		GASKET, Gear Cover/Housing
81A	223016		LOCK, Muffler Screw
81	220234		LOCK, Muffler Screw
82	92502		SCREW
83	291762		SHAFT, Auxiliary Drive
84	92617		SCREW -(Gear Case)
85	91386		SCREW -(2)
86	296053		COVER, Gear
87	391086		SEAL, Oil -(Magneto Side)
88	27328		GASKET, Gear Cover/Housing
89	91488		PLUG -(1/8)
188	93535		SCREW -(5/16-18 X 3/4)

Footnotes:

Use 392918 Starter Panel Kit on Engines
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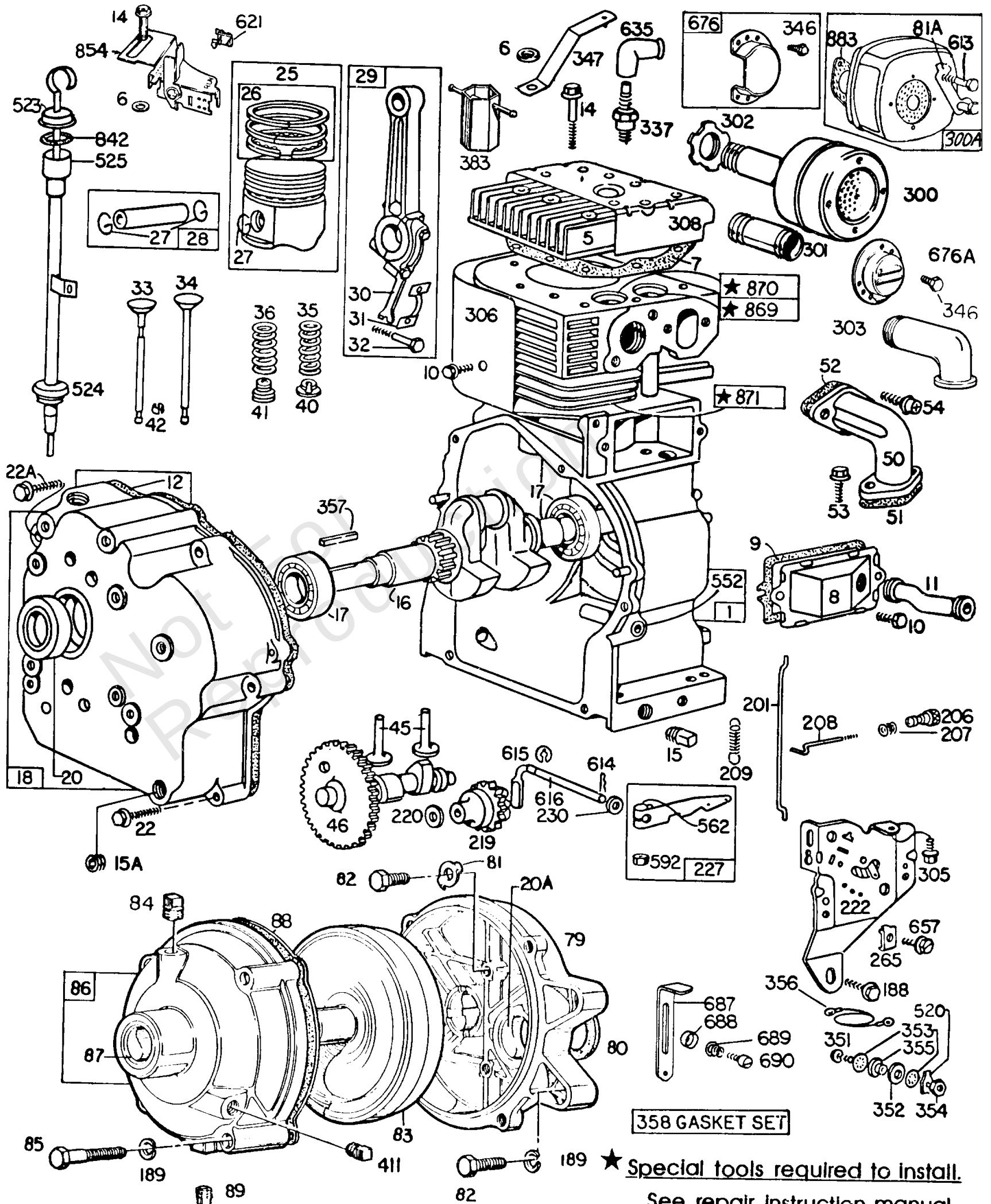


Cylinder, Gear Case, Piston

REF NO	PART NO	QTY	DESCRIPTION
189	90366		WASHER
201	260478		SPRING/LINK, Mechanical Governor
206	230149		NUT, Governor Adjusting -(5-44)
207	26855		SPRING, Governor Link
208	231062		ROD, Governor Control
209	261306		SPRING, Governor
219	391737		GEAR, Governor
220	221551		WASHER -(Governor Lever)
222	391633		BRACKET, Control
227	391732		LEVER, Governor Control -(1/4 Diameter)
230	222450		WASHER
265	221535		CLAMP, Casing -(Stamped Steel)
300A	394170		MUFFLER -(Square Lo Tone)
300	391569		MUFFLER
302	261564		LOCKNUT -(Muffler and Elbow)
303	91308		MANIFOLD, Exhaust -(1 Street)
305	93158		SCREW -(1/4-20 X 5/8)
306	222744		SHIELD, Cylinder
308	222725		COVER, Cylinder Head
337	293918		PLUG, Spark
337	29693		PLUG, Spark
337	298809		PLUG, Spark
337	392588		PLUG, Spark
346	93705		SCREW -(8-32 X 3/8)
347	393242		SWITCH, Stop
351	91920		SCREW -(8-32 X 5/8)
352	66068		WASHER -(Fiber)
353	92791		WASHER
354	90576		NUT -(Ground Terminal)
355	66554		WASHER -(Insulating)
356	391602		WIRE, Stop
357	91540		KEY, Drive Pulley -(1/4)
358	391834		GASKET SET, Engine
383	89838		WRENCH, Spark Plug
411	93448		PLUG, Oil Drain -(Flush) (1/4-18 NPTF) (Flush) (1/4 18 NPTF)
520	93722		TERMINAL, Ground
523	392295		DIPSTICK

Footnotes:

Use 392918 Starter Panel Kit on Engines
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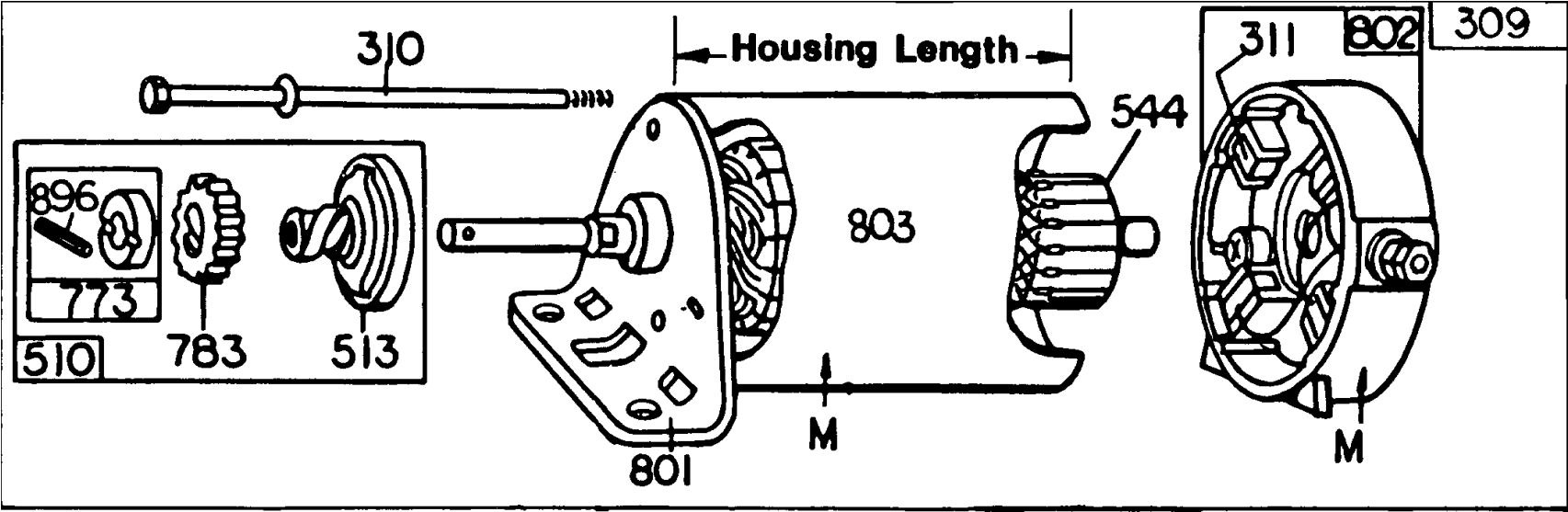


Cylinder, Gear Case, Piston

REF NO	PART NO	QTY	DESCRIPTION
524	68838		SEAL, O-Ring -(Dipstick Tube)
525	392283		TUBE, Dipstick
552	231056		BUSHING, Governor Crank -(1/4 I.D.)
562	92613		BOLT -(Governor Lever)
592	231082		NUT -(Governor Control)
613	93927		SCREW -(Muffler)
614	93306		PIN, Cotter
615	93307		RETAINER, Governor Shaft
616	231057		CRANK, Governor -(1/4 Diameter)
621	297472		SWITCH, Stop
635	66538		BOOT, Spark Plug
657	93496		SCREW -(10-32 X 5/8)
687	298957		SLIDE, Control
688	221766		SPRING, Friction
689	260847		SPRING, Friction
690	92484		SCREW
842	270933		SEAL, O-Ring -(Oil Fill)
854	392884		BRACKET, Stopswitch
869	261463		SEAT, Valve -(Intake)
870	210940		SEAT, Valve -(Exhaust) (Standard)
871	-----		No Nomenclature -231218 or 230655 See Repair Manual
883	270917		GASKET, Exhaust

Footnotes:

Use 392918 Starter Panel Kit on Engines
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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
Starter Motor Mfr.		Motor and Drive Assy.	Drive Assembly	End Cap Assy. Drive	Armature Assembly	Housing Assembly	End Cap Assy. Commutator*	Brush Assembly	Thru Bolt Assembly
Briggs & Stratton	Housing Length								
+12V	3-1/16"	392749	391461**	392061	392747	392744	390846	391705	391706
12V	3-21/32"	394805	391461**	394856	392747	393825	395537	395538	94003

*Includes Brush Set

**Includes #391135 Clutch Assembly (Ref. No. 513)
#280104 Gear (Ref. No. 783)
#391462 Retainer and Pin (Ref. No. 773)
93754 Roll Pin (Ref. No. 896)

NOTE: **Style Identification** of 12 Volt Motors. New Style: Thru Bolt Heads are Located on the Brush End Head Side.
†Old Style: Brush End Head is 13/16" Wide.

Electric Starter and Chart

REF NO	PART NO	QTY	DESCRIPTION
309	392749		MOTOR, Starter -(3 1/16 Housing) Old Style: Brush End Head is 13/16 Wide
309	394805		MOTOR, Starter -(3 1/16 Housing)
310	391706		SCREW -(3 1/16 Housing) Old Style: Brush End Head is 13/16 Wide
310	94003		SCREW -(3 5/8 Housing)
311	391705		SET, Brush -(3 1/16 Housing) Old Style: Brush End Head is 13/16 Wide
311	395538		SET, Brush -(3-5/8 or 4 3/8 Housing)
510	391461		DRIVE, Starter -(3 1/2 Housing) Old Style: Brush End Head is 13/16 Wide. Includes #391135 Clutch Assembly (Ref. No. 513) #280104 Gear (Ref. No. 783) #391462 Retainer and Pin (Ref. No. 773) #93754 Roll Pin (Ref. No. 896)
510	391461		DRIVE, Starter -(3 1/2 Housing) Includes #391135 Clutch Assembly (Ref. No. 513) #280104 Gear (Ref. No. 783) #391462 Retainer and Pin (Ref. No. 773) #93754 Roll Pin (Ref. No. 896)
544	392747		ARMATURE, Starter -(3 21/32 Housing) Old Style: Brush End Head is 13/16 Wide
544	392747		ARMATURE, Starter -(3 21/32 Housing)
801	392061		CAP, Drive -Old Style: Brush End Head is 13/16 Wide (3-1/16 or 3-3/4 Housing)
801	394856		CAP, Drive
802	390846		CAP, End -(3 1/16 Housing) Old Style: Brush End Head is 13/16 Wide. Includes Brush Set
802	395537		CAP, End -(3 5/8 Housing) Includes Brush Set
803	392744		HOUSING, Starter -(3 1/16 Housing) Old Style: Brush End Head is 13/16 Wide
803	393825		HOUSING, Starter -(3 5/8 Housing)

Footnotes:

Use 222751 Starter Panel on Engines

Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	-----		No engine replacement. Repair engine with individual parts.
	-----		Top No-Load Speed: 3700 -Trim: ALL
	-----		Service Note: For all Go-Karts use only a Model 136200 series engine as a replacement, regardless of the original Model.

Not For Reproduction

