

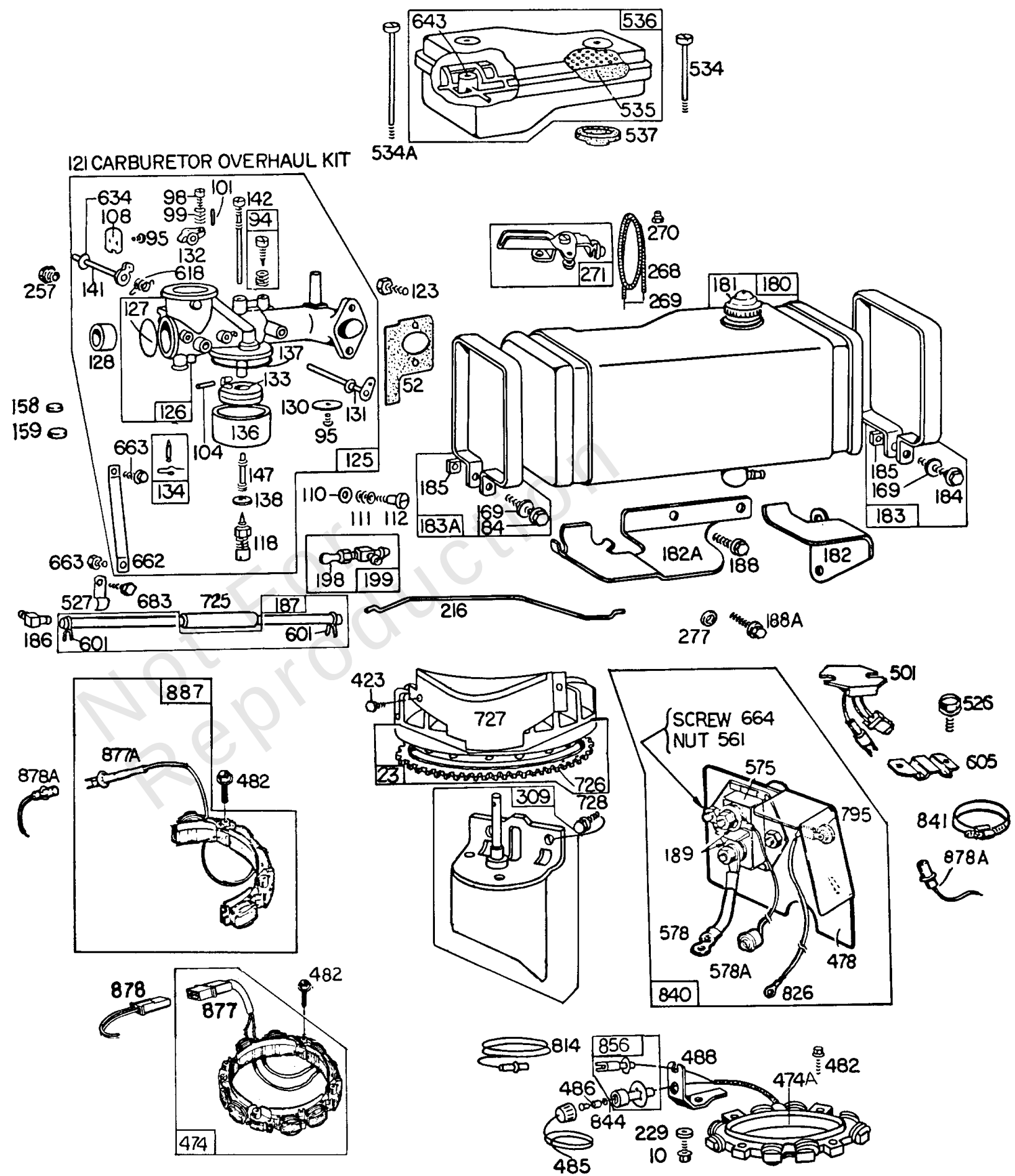


Parts Manual

Mfg. No: 251707-0161-99

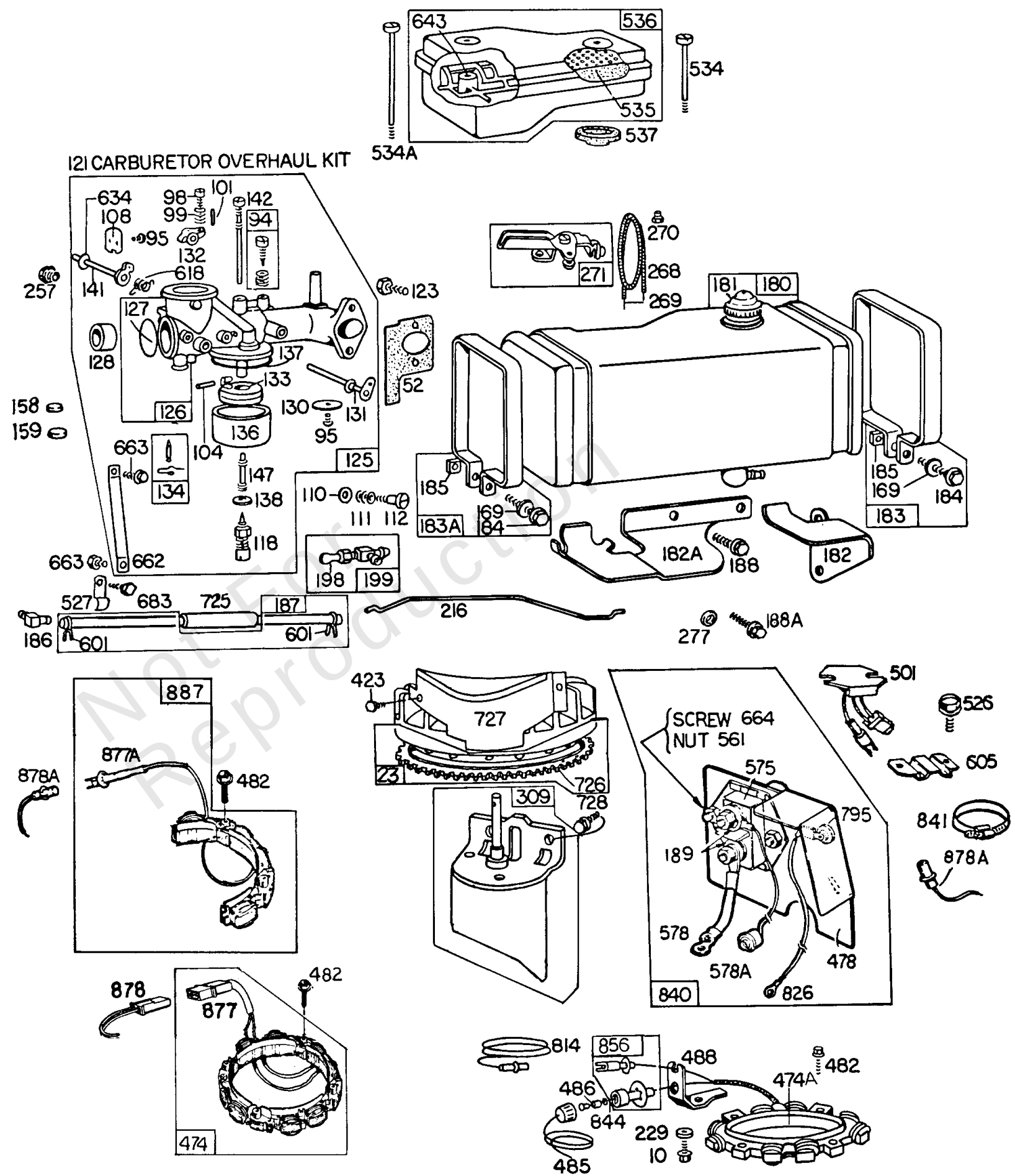
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Not For
Reproduction



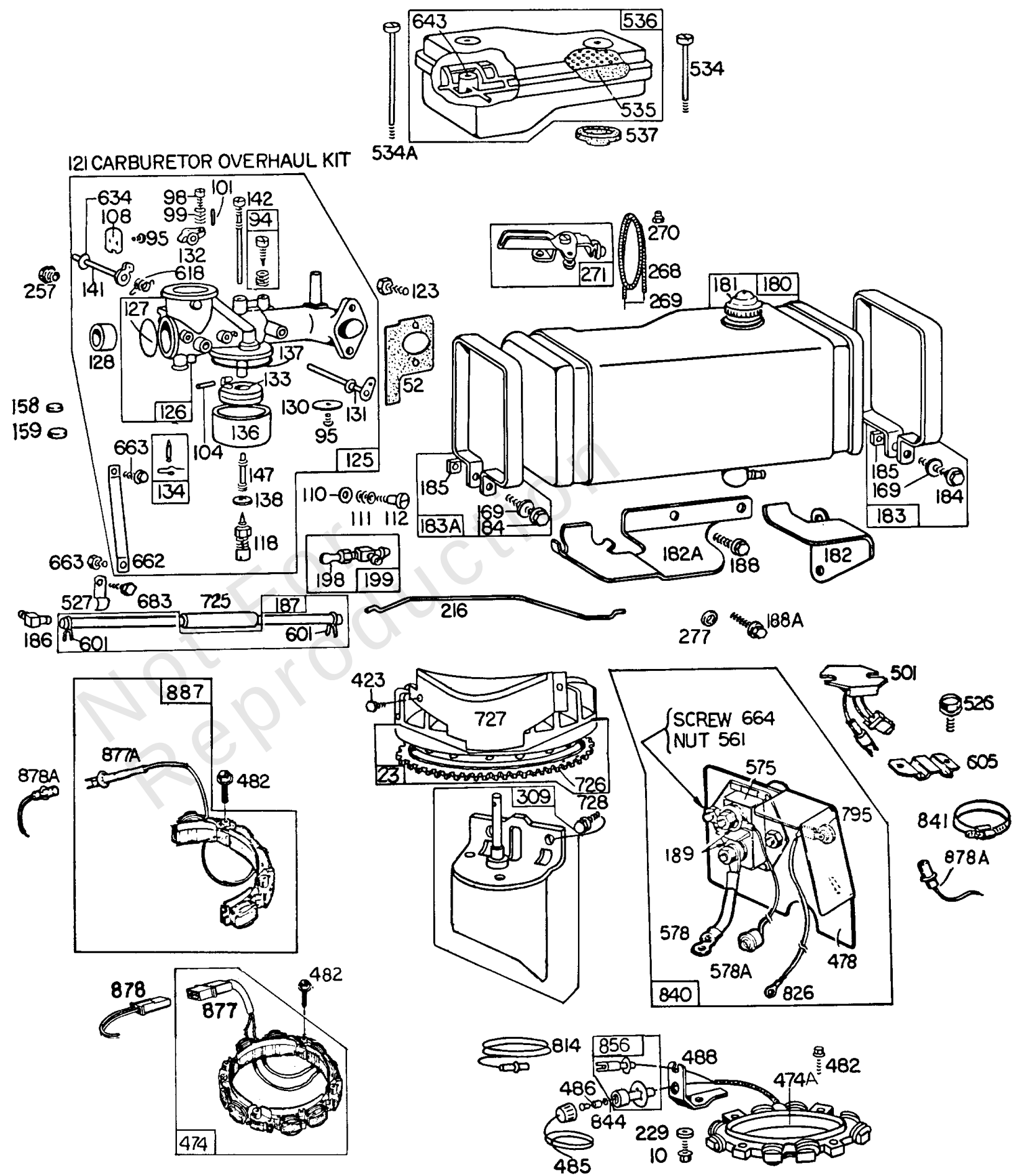
Carburetor, Fuel Tank, Elect.

REF NO	PART NO	QTY	DESCRIPTION
10	93394		SCREW
23	391988		FLYWHEEL -(Plastic Motor Drive)
52	270872		GASKET, Intake -Included in Gasket Set-Part No. 393411
94	292681		VALVE, Idle Mixture -Included in Carburetor Overhaul Kit-Part No. 299852
95	93499		SCREW -(Throttle Valve)
98	91920		SCREW -(8-32 X 5/8)
99	26157		SPRING, Compression
101	93043		PIN, Shaft
104	230896		PIN, Float Hinge -Included in Carburetor Overhaul Kit-Part No. 299852
108	222010		VALVE, Choke
110	220899		WASHER -(Choke Lever)
111	26229		SPRING, Choke Return
112	23270		SCREW -(Choke Lever)
118	391233		VALVE, Float Needle -Included in Carburetor Overhaul Kit-Part No. 299852
123	93357		SCREW
125	391789		CARBURETOR -(Remote Choke)
126	391787		BODY, Upper Carburetor -(271013 Foam Washer (2) Included)
127	221997		PLUG, Welch -Included in Carburetor Overhaul Kit-Part No. 299852
128	211960		VENTURI, Carburetor
130	222433		VALVE, Throttle
131	391512		SHAFT, Throttle
132	211712		STOP, Throttle
133	299707		FLOAT, Carburetor
134	299096		KIT, Needle/Seat -Included in Carburetor Overhaul Kit-Part No. 299852
136	221995		BOWL, Float
137	270511		GASKET, Float Bowl -Included in Carburetor Overhaul Kit-Part No. 299852
138	222014		WASHER -(Float Bowl) Included in Carburetor Overhaul Kit-Part No. 299852
141	299647		SHAFT, Choke
142	299740		NOZZLE, Carburetor -Included in Carburetor Overhaul Kit-Part No. 299852
147	230932		SCREW -(Nozzle) Included in Carburetor Overhaul Kit-Part No. 299852
158	27590		PLUG, Carburetor Filter/Drain
159	211954		RETAINER, Air Filter
169	90832		SCREW -(Blower Housing)
180	390225		TANK, Fuel -(3 Quart) (Plastic)
181	392300		CAP, Fuel Tank -(Metal) (1 9/16 I.D.)
182A	222112		BRACKET, Fuel Tank -(L.H.)



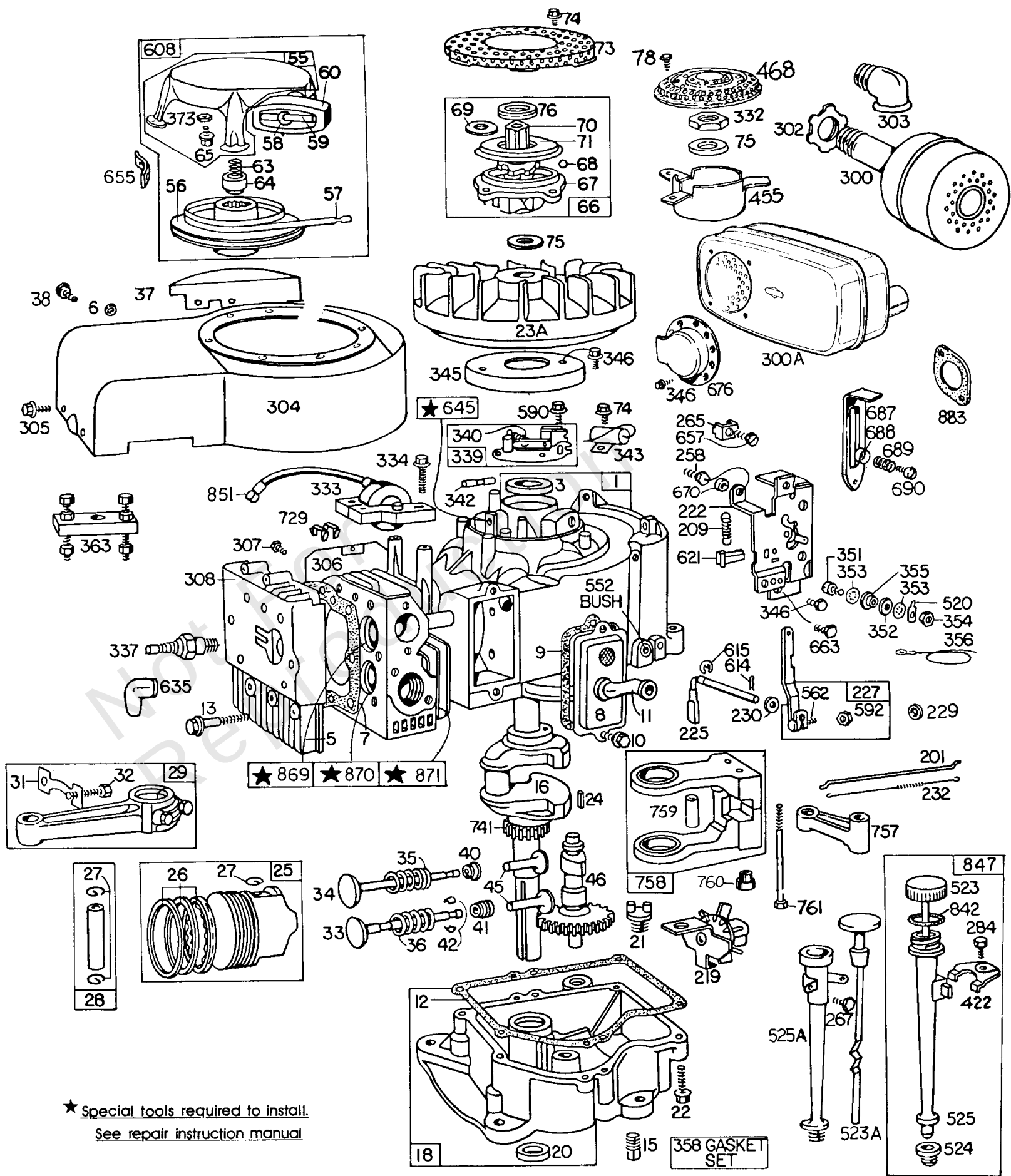
Carburetor, Fuel Tank, Elect.

REF NO	PART NO	QTY	DESCRIPTION
182	222814		BRACKET, Fuel Tank -(R.H.)
183A	390405		STRAP, Fuel Tank -(L.H.)
183	390406		STRAP, Fuel Tank -(R.H.)
184	93803		SCREW
185	90970		NUT -(1/4-20)
186	67218		CONNECTOR, Hose
187	296004		LINE, Fuel -(Cut To Required Length)
188A	93634		SCREW -(5/16-18 X 7/8)
188	93535		SCREW -(5/16-18 X 3/4)
189	90366		WASHER
198	293934		VALVE, Fuel Shut Off
199	390303		OUTLET, Tank
216	261274		LINK, Choke
229	220680		WASHER
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
277	22776		WASHER
309	391177		MOTOR, Starter -(3 3/4 Housing) (Briggs & Stratton 12V)
309	392749		MOTOR, Starter -(3 1/16 Housing)
423	93410		SCREW
474A	393800		ALTERNATOR -(Dual Circuit With Fuse)
474	393295		ALTERNATOR -(Does Not Use Ref. Nos. 877 and 878) (10, 13, or 16 Amp-Depending on Size of Flywheel Magnets) (Regulated)
474	393474		ALTERNATOR -(Dual Circuit)
478	222751		KIT, Panel -(Starter)
482	93621		SCREW -(Tapping)
485	390888		CAP, Wire/Fuse
486	391507		RECTIFIER
488	222211		BRACKET, Mounting
501	393374		REGULATOR -(10 Amp)
526	93343		SCREW -(Control Panel)
527	221428		CLAMP, Tube
534A	93323		SCREW
534	93622		SCREW



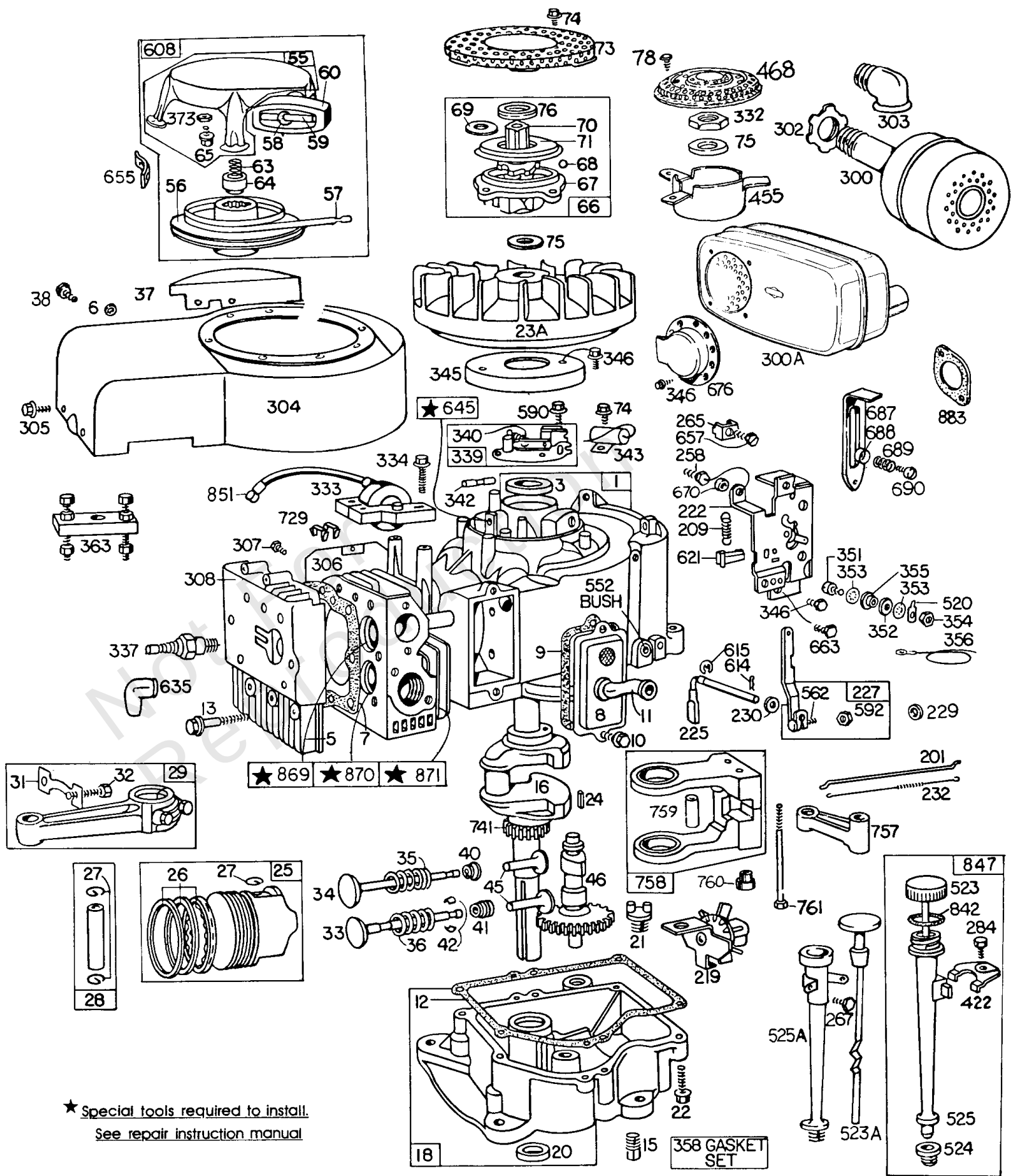
Carburetor, Fuel Tank, Elect.

REF NO	PART NO	QTY	DESCRIPTION
535	270843		FILTER, A/C Cartridge
536	391786		CLEANER, Air
537	270853		GASKET, Air Cleaner -(Air Cleaner)
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
618	261116		SPRING, Choke Return
634	270382		WASHER -(Foam)
643	280118		SUPPORT, Foam Element
662	222311		BRACKET, Support
663	93572		SCREW -(10-32 X 3/8)
664	93415		SCREW -(1/4-20 X 3/4)
683	93572		SCREW -(10-32 X 3/8)
725	222175		SHIELD, Heat
726	391246		GEAR, Ring -(Includes Mounting Hardware) -Used Before Code Date 75022512
726	392134		GEAR, Ring -Used After Code Date 75022411
727	221940		GUARD, Flywheel -Uses: 93712 Screw (2)
727	390233		COVER, Starter Drive
728	93523		SCREW -(5/16-18 X 11/16)
795	392697		SWITCH, Toggle -(Toggle Switch) Uses: 93888 Hex.-Nut
795	392833		SWITCH, Key
814	390867		HARNESS, Alternator -(Ac Only)
826	393110		WIRE ASSEMBLY
840	392725		KIT, Panel -(Key Switch)
840	392918		KIT, Panel -(Toggle Switch)
841	393514		CLAMP
844	261269		SPRING, Diode
856	393304		HOLDER, Fuse
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)



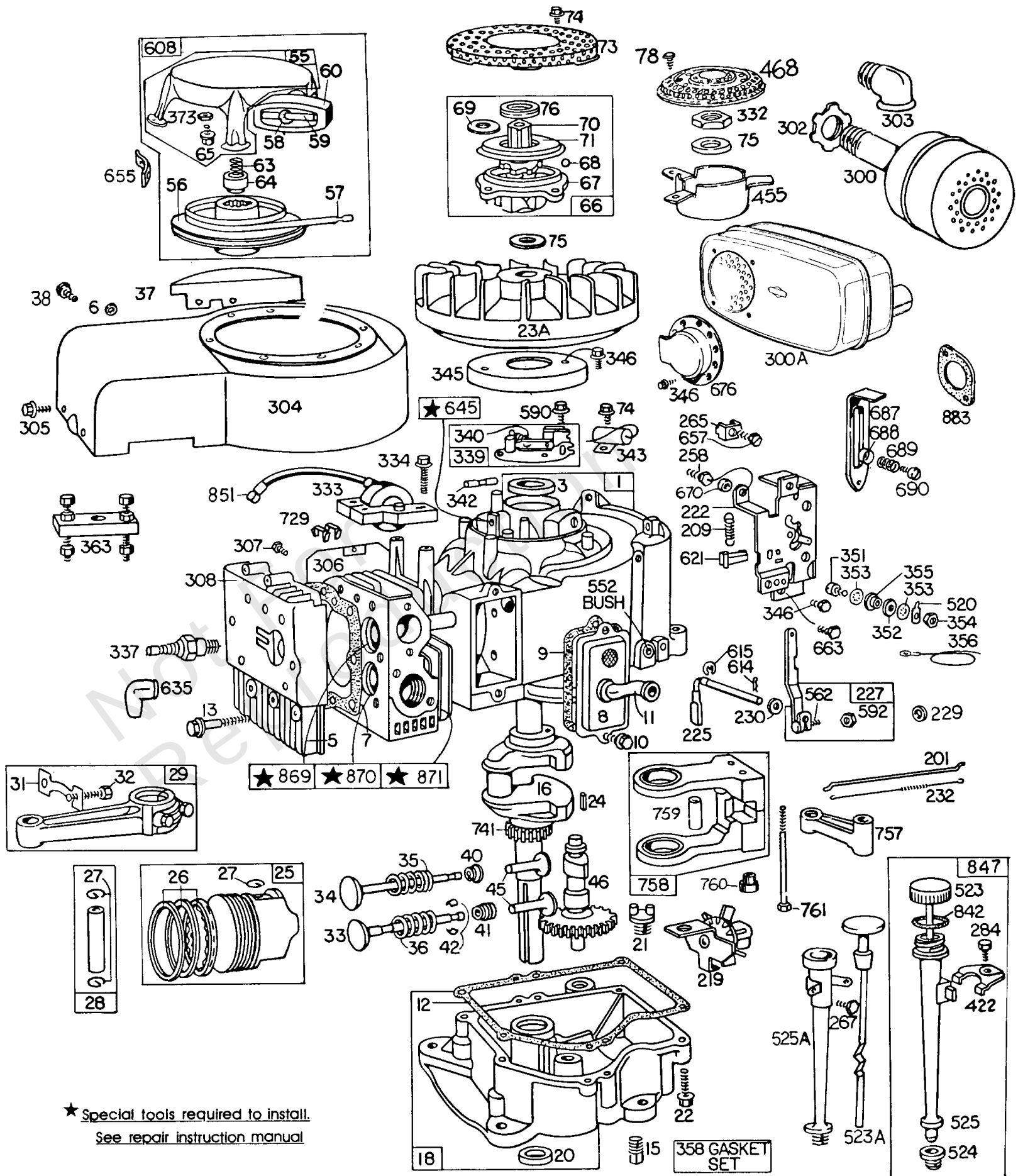
Cyl,Sump,Piston,Rewind,Oil

REF NO	PART NO	QTY	DESCRIPTION
1	391455		CYLINDER ASSEMBLY -Used Before Code Date 75061112
1	391745		CYLINDER ASSEMBLY -Used After Code Date 75061012
3	391086		SEAL, Oil -(Magnetos Side)
5	212305		HEAD, Cylinder
6	22963		WASHER
7	271075		GASKET, Cylinder Head -Included in Gasket Set-Part No. 393411
8	391406		BREATHER ASSEMBLY
9	27803		GASKET, Rocker Cover -Included in Gasket Set-Part No. 393411
10	93394		SCREW
11	280100		TUBE, Breather
12	270808		GASKET, Crankcase -(1/64) Included in Gasket Set-Part No. 393411
12	270915		GASKET, Crankcase -(.005) Included in Gasket Set-Part No. 393411
12	270916		GASKET, Crankcase -(.009) Included in Gasket Set-Part No. 393411
13	93211		SCREW -(5/16-18 X 2-21/32)
13	93776		STUD -(Cylinder Head)
15	91084		PLUG, Oil Drain -(3/8)
16	392299		CRANKSHAFT
18	391784		SUMP, Engine
20	291675		SEAL, Oil -(Crankcase Cover)
21	66768		PLUG, Oil
22	93585		SCREW -(Crankcase Cover)
23A	392157		FLYWHEEL -(Rope And Rewind Starter)
24	61760		KEY, Flywheel -(Breaker Ignition)
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)
27	260924		LOCK, Piston Pin
28	299691		PIN, Piston -(Standard)



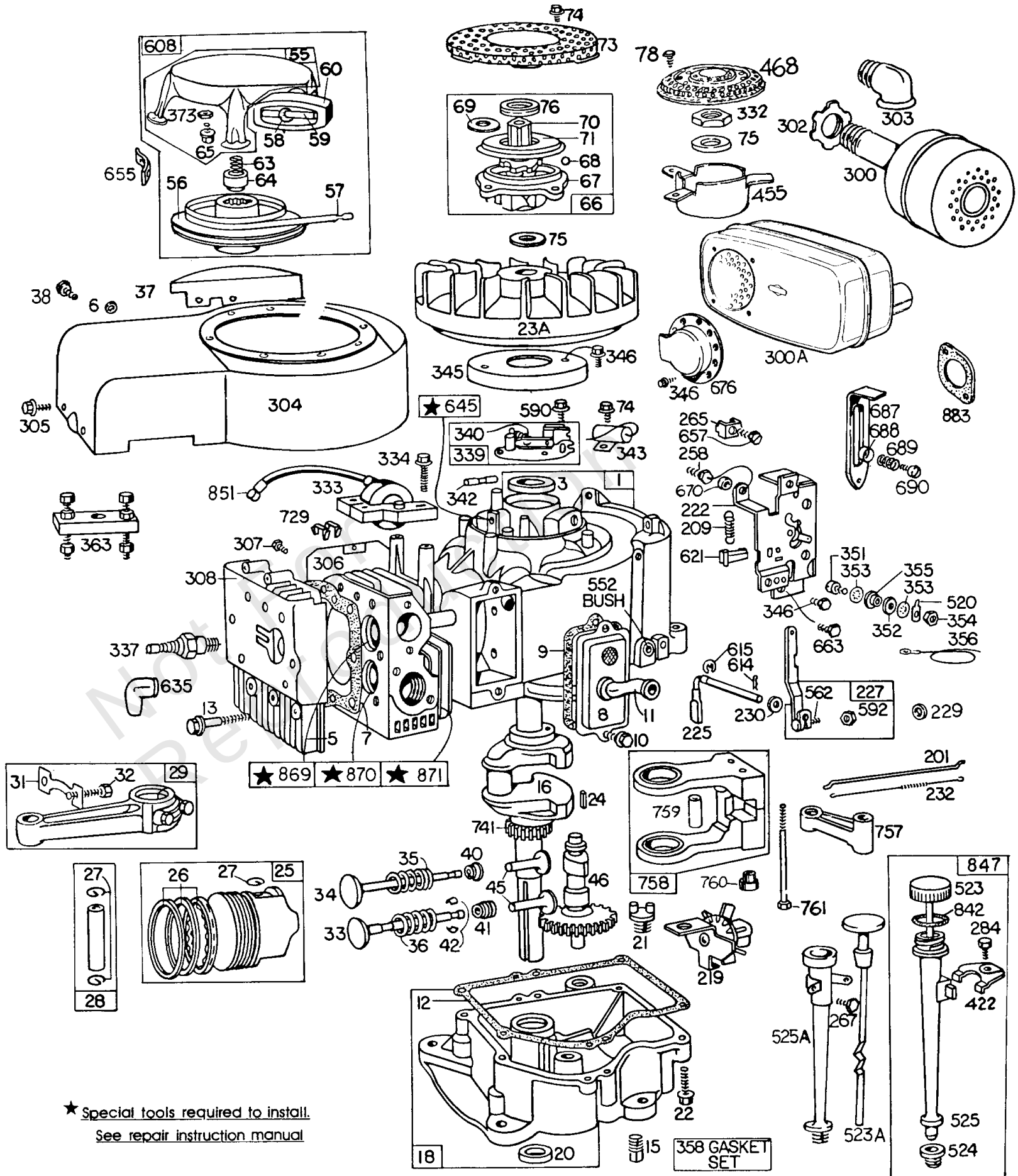
Cyl,Sump,Piston,Rewind,Oil

REF NO	PART NO	QTY	DESCRIPTION
28	391286		PIN, Piston -(.005 Oversize)
29	391775		ROD, Connecting -For Connecting Rod with .020 undersize Crankpin Bore-Order No. 393712
31	222299		LOCK, Rod Screw
32	92909		SCREW
33	261185		VALVE, Exhaust
34	261184		VALVE, Intake
35	65906		SPRING, Valve -(Intake)
36	26828		SPRING, Valve -(Exhaust)
37	222475		GUARD, Flywheel
38	93535		SCREW -(5/16-18 X 3/4)
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	212039		CAMSHAFT
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	392197		RATCHET, Clutch
71	221653		WASHER
73	221796		SCREEN, Rotating
74	93042		SCREW
75	220865		WASHER -(Heavy Flywheel)
76	68238		SEAL, Ratchet
78	93808		SCREW
201	261198		LINK, Choke
209	261306		SPRING, Governor -Used After Code Date 75061012
219	391764		SLINGER, Governor/Oil
222	390661		BRACKET, Control
225	231058		CRANK, Governor -(1/4 Diameter) -Used After Code Date 75061012



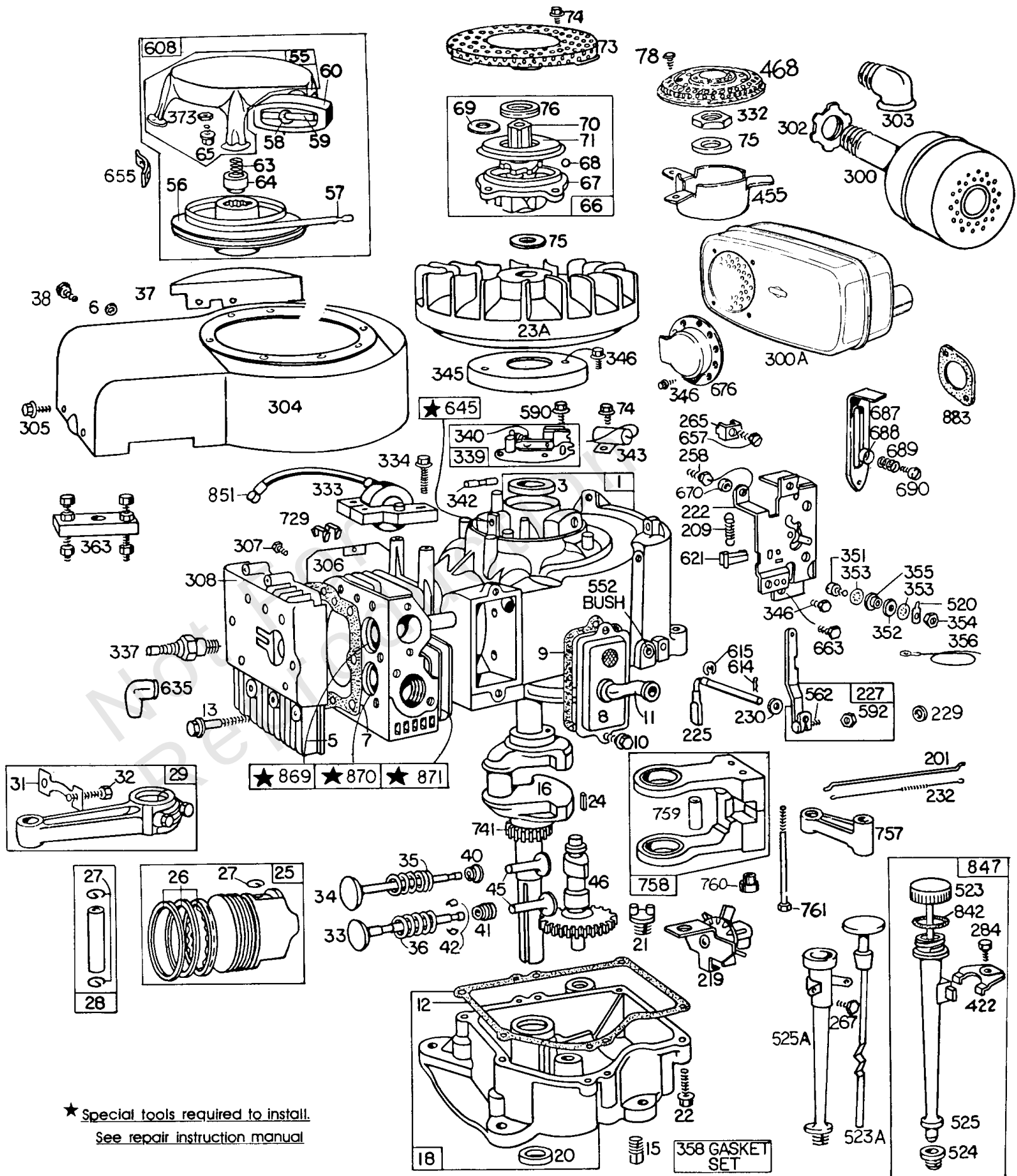
Cyl,Sump,Piston,Rewind,Oil

REF NO	PART NO	QTY	DESCRIPTION
225	231071		SHAFT, Governor Gear -(3/16 Diameter) -Used Before Code Date 75061112
227	298303		LEVER, Governor Control -(3/16 Diameter) -Used Before Code Date 75061112
227	391733		LEVER, Governor Control -(1/4 Diameter) -Used After Code Date 75061012
229	220680		WASHER
230	221559		WASHER -(3/16 I.D.)
230	222450		WASHER
232	261197		SPRING/LINK, Mechanical Governor
258	93686		SCREW -(10-32 X 5/8)
265	221535		CLAMP, Casing -(Stamped Steel)
267	93612		SCREW
284	93804		SCREW -(Clamp Mounting)
300A	392101		MUFFLER -(Super Lo Tone)
300	391569		MUFFLER
302	91310		LOCKNUT -(Muffler)
303	91308		MANIFOLD, Exhaust -(1 Street)
303	91415		ELBOW, Exhaust -(45 Degree)
304	391556		HOUSING, Blower
305	93158		SCREW -(1/4-20 X 5/8)
306	222408		SHIELD, Cylinder
307	93163		SCREW
308	222306		COVER, Cylinder Head
332	92284		NUT -(Flywheel)
333	298968		ARMATURE, Magneto -(Breaker Ignition)
334	93381		SCREW
337	293918		PLUG, Spark
337	29693		PLUG, Spark
337	298809		PLUG, Spark
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)
351	93735		SCREW
352	66068		WASHER -(Fiber)
353	92791		WASHER
354	90576		NUT -(Ground Terminal)



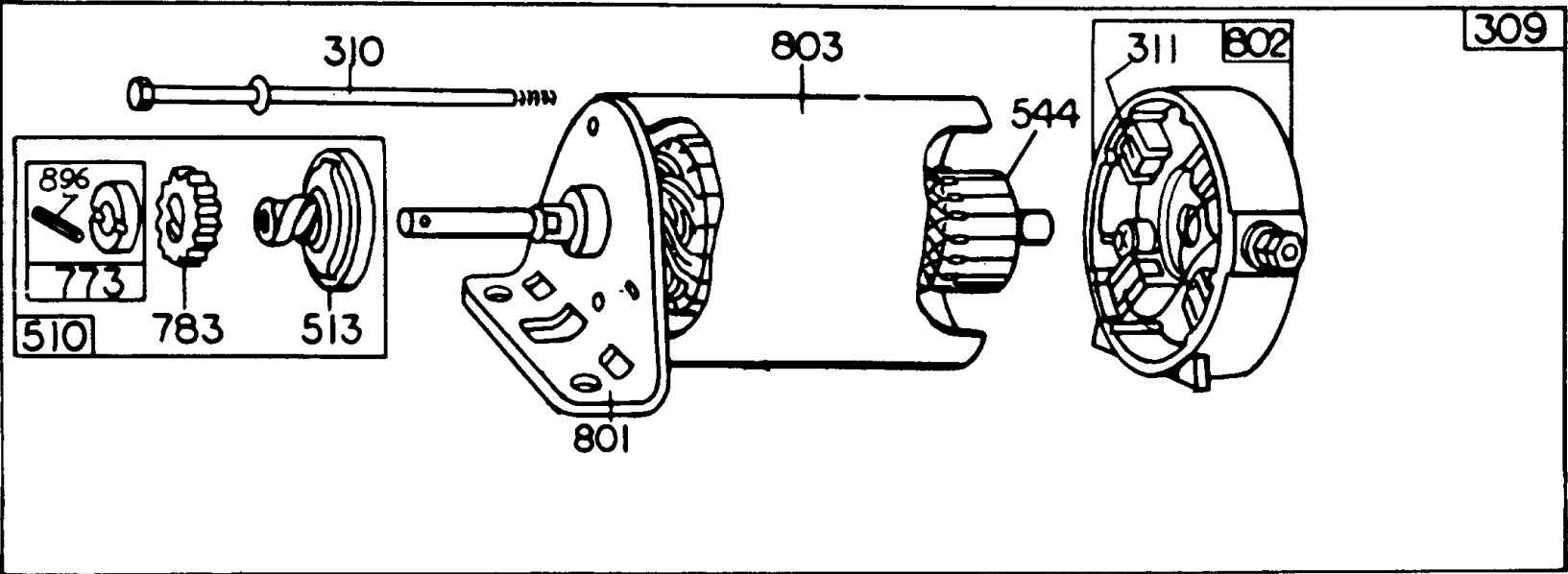
Cyl,Sump,Piston,Rewind,Oil

REF NO	PART NO	QTY	DESCRIPTION
355	66554		WASHER -(Insulating)
356	391602		WIRE, Stop
358	393411		GASKET SET, Engine
363	19165		PULLER, Flywheel
363	19203		PULLER, Flywheel
373	93987		NUT
422	222502		CLAMP, Tube
455	222561		CUP, Flywheel
468	222562		SCREEN, Rotating
520	93722		TERMINAL, Ground
523A	391199		DIPSTICK
523	391841		CAP, Oil Fill
524	68838		SEAL, O-Ring -(Dipstick Tube)
525A	392067		TUBE, Dipstick -Uses No. 93612 Screw to fasten Clamp.
525	280134		TUBE, Dipstick
552	230927		BUSHING, Governor Crank -(3/16 I.D.) (No Threads) -Used Before Code Date 75061112
552	231055		BUSHING, Governor Crank -(1/4 I.D.) -Used After Code Date 75061012
562	92613		BOLT -(Governor Lever)
590	93226		SCREW
592	231082		NUT -(Governor Control)
608	390391		STARTER, Rewind
614	93306		PIN, Cotter
615	93307		RETAINER, Governor Shaft
621	297472		SWITCH, Stop
635	66538		BOOT, Spark Plug
645	23513		BUSHING, Plunger -(Used only with Breaker Point Ignition)
655	222598		ANCHOR, Rewind Spring -(Stamped Rewind Housing)
657	93496		SCREW -(10-32 X 5/8)
663	93572		SCREW -(10-32 X 3/8)
670	231039		SPACER, Fuel Tank
676	222573		DEFLECTOR, Muffler -(Side Outlet)
687	390690		SLIDE, Control
688	221766		SPRING, Friction
689	260847		SPRING, Friction
690	92484		SCREW
729	221907		CLIP, Wire
741	261196		GEAR, Timing -(Pin)
757	211675		LINK, Counterweight -(-Used Before Code Date 78100511)
758	391373		COUNTERWEIGHT



Cyl,Sump,Piston,Rewind,Oil

REF NO	PART NO	QTY	DESCRIPTION
759	298909		PIN. Piston
760	231038		SPACER -(Counterweight)
761	93875		SCREW
842	270920		SEAL, O-Ring -(Dipstick Tube) (Oil Fill)
847	392067		TUBE, Dipstick
851	221798		TERMINAL, Spark Plug
869	211661		SEAT, Valve -(Exhaust)
870	210940		SEAT, Valve -(Exhaust) (Standard)
871	-----		No Nomenclature -231218 or 230655 See Repair Manual
883	270917		GASKET, Exhaust



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. and Motor Model Number		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									
12V		391177	391461**	392061	391160	391167	390846	391705	93933
12V		392749	391461**	392061	392747	392744	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)
#93754 Roll Pin (Ref. No. 896)

Electric Starter

REF NO	PART NO	QTY	DESCRIPTION
309	391177		MOTOR, Starter -(3 3/4 Housing) (Briggs & Stratton 12V)
309	392749		MOTOR, Starter -(3 1/16 Housing)
310	391706		SCREW -(3 1/16 Housing)
310	93933		SCREW -(Briggs & Stratton 12V)
311	391705		SET, Brush -(3 1/16 Housing)
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	391160		ARMATURE, Starter -(3 5/8 or 4 3/8 Housing)
544	392747		ARMATURE, Starter -(3 21/32 Housing)
801	392061		CAP, Drive -(3-1/16 or 3-3/4 Housing)
802	390846		CAP, End -(3 1/16 Housing) Includes Brush Set
803	391167		HOUSING, Starter -(3 3/4 Housing)
803	392744		HOUSING, Starter -(3 1/16 Housing)

Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	2179073025	1	Replacement Engine
	-----		Top No-Load Speed: 3500 -Trim: ALL
	-----		Service Note: If the replacement engine supersedes to or is a Model 210000 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.
	-----		Service Note: If after making a visual inspection and it is determined the Model 210000 series engine cannot be used because of equipment interference, the original engine should be repaired with a short block and/or individual parts.

