

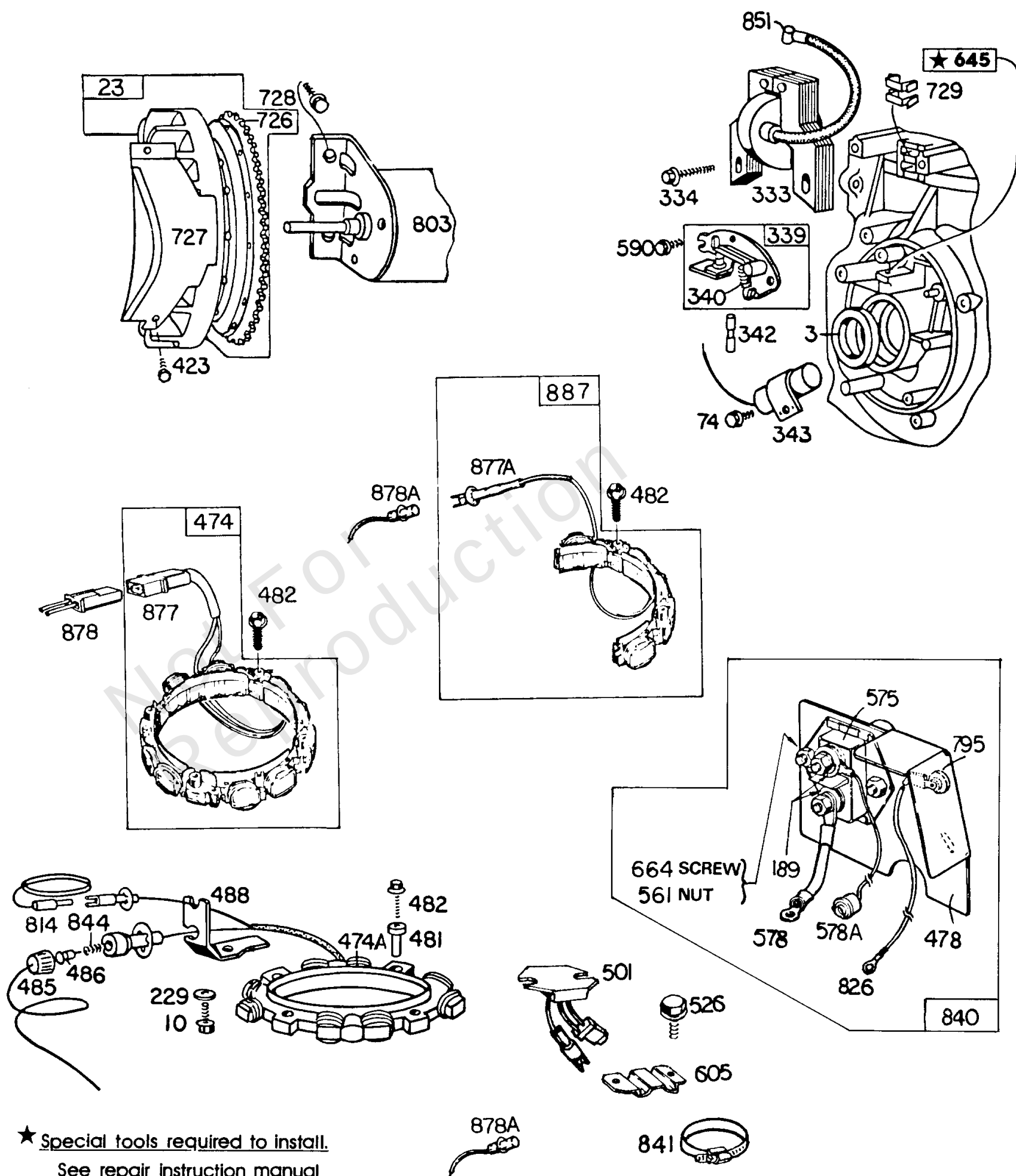


Parts Manual

Mfg. No: 251412-0071-99

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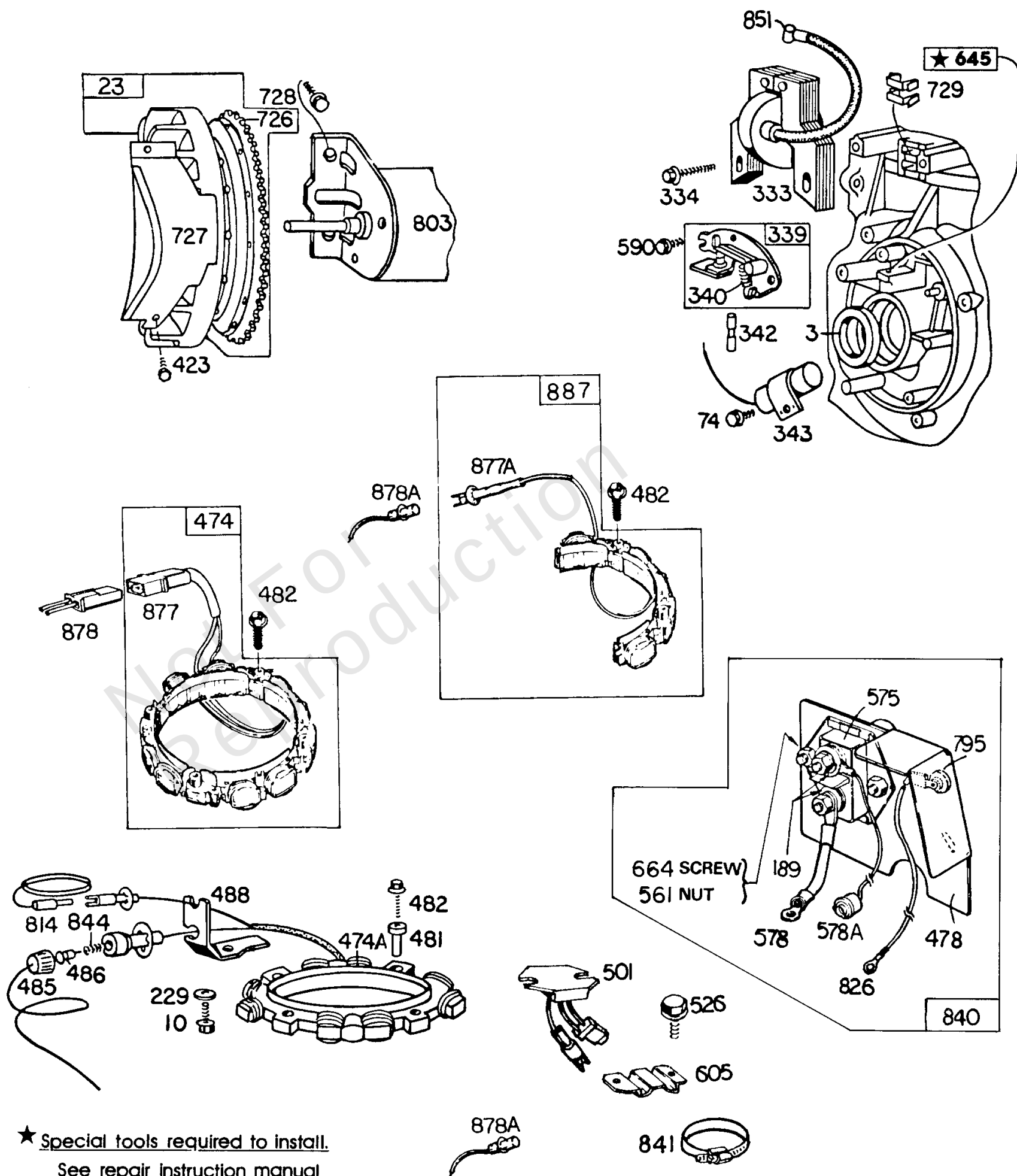


Alternators, Key Panel, Elect.

REF NO	PART NO	QTY	DESCRIPTION
3	391086		SEAL, Oil -(Magneto Side)
10	93394		SCREW
23	391988		FLYWHEEL -(Plastic Motor Drive)
74	93042		SCREW
189	90366		WASHER
229	220680		WASHER
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
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)
481	230976		BUSHING, Alternator
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)
561	92278		NUT -(Starting Switch)
575	299139		SWITCH, Starting
578A	393109		WIRE ASSEMBLY -(Starter Switch To Alternator)
578	392683		CABLE, Starter
590	93226		SCREW
605	222934		BRACKET, Mounting
645	23513		BUSHING, Plunger -(Used only with Breaker Point Ignition)
664	93415		SCREW -(1/4-20 X 3/4)
726	391246		GEAR, Ring -(Includes Mounting Hardware) -Used Before Code Date 75022512
726	392134		GEAR, Ring -Used After Code Date 75022412
727	93713		WASHER
728	93523		SCREW -(5/16-18 X 11/16)

Footnotes:

Order No. 391579 Tube and No. 391577 Dipstick. For Impulse Pump 392012 Tube and No. 391577 Dipstick



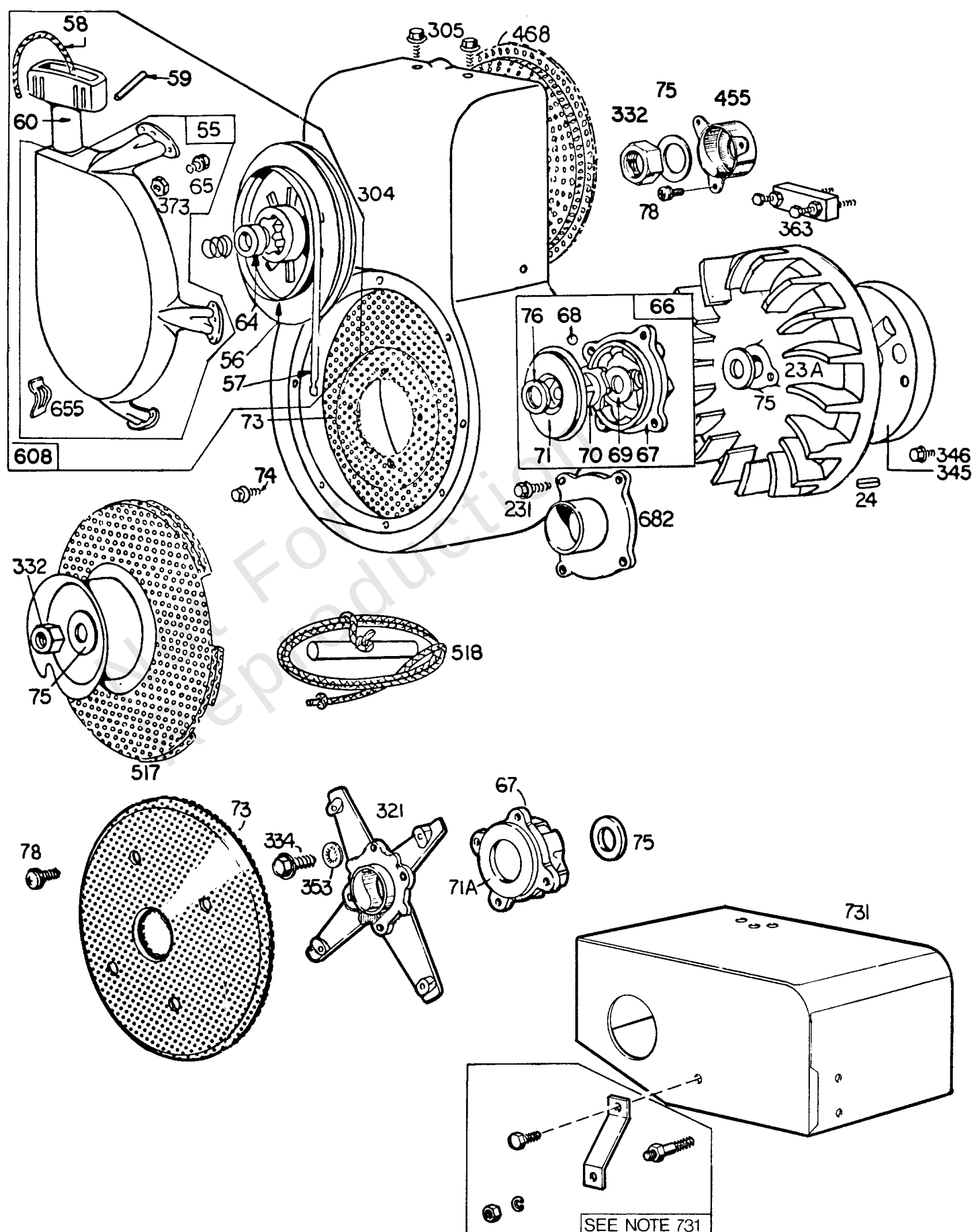
★ Special tools required to install.
See repair instruction manual

Alternators,Key Panel,Elect.

REF NO	PART NO	QTY	DESCRIPTION
729	221907		CLIP, Wire
795	392697		SWITCH, Toggle -(Toggle Switch) Uses: 93888 Hex.-Nut
795	392833		SWITCH, Key
803	391167		HOUSING, Starter -(3 3/4 Housing)
803	392744		HOUSING, Starter -(3 1/16 Housing)
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
851	221798		TERMINAL, Spark Plug
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	39529		ALTERNATOR

Footnotes:

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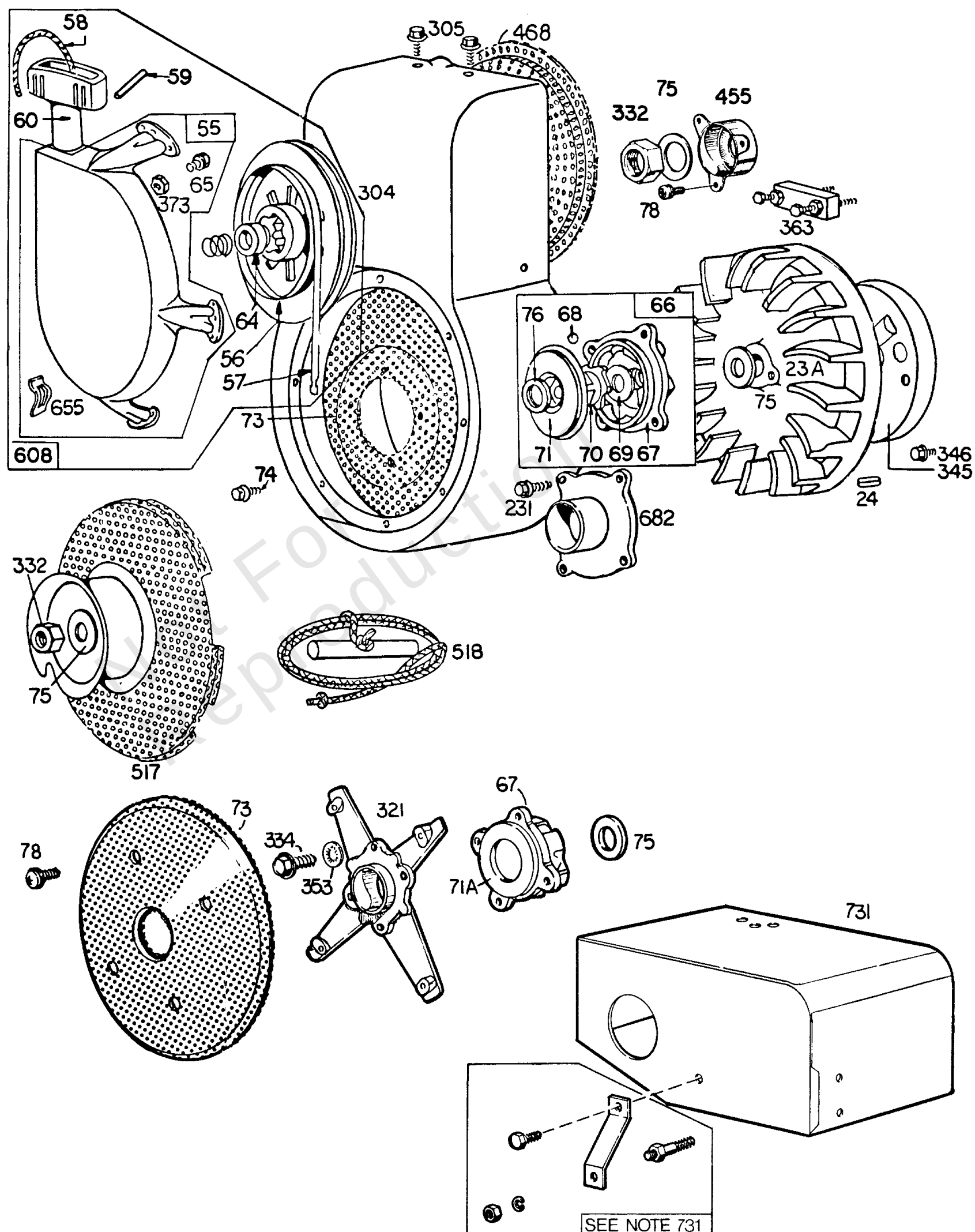


Blower Hsg,Rewind Assemblies

REF NO	PART NO	QTY	DESCRIPTION
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
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)
71A	222277		COVER, Ratchet
71	221653		WASHER
73	221796		SCREEN, Rotating
74	93042		SCREW
75	220865		WASHER -(Heavy Flywheel)
76	68238		SEAL, Ratchet
78	93808		SCREW
231	93064		SCREW
304	222302		SCREEN, Rotating -(Stationary) Uses: 93572 Screw (8) 231020 Spacer (4)
304	391502		HOUSING, Blower
305	93158		SCREW -(1/4-20 X 5/8)
321	211521		CLUTCH, Starter
332	92284		NUT -(Flywheel)
334	93381		SCREW
345	222309		COVER, Breaker
346	93705		SCREW -(8-32 X 3/8)
353	92791		WASHER
363	19165		PULLER, Flywheel
363	19203		PULLER, Flywheel
373	92987		STARTER, Rewind
455	222561		CUP, Flywheel
468	222562		SCREEN, Rotating
517	295423		PULLEY, Rope Starter
518	69932		GRIP, Starter Rope

Footnotes:

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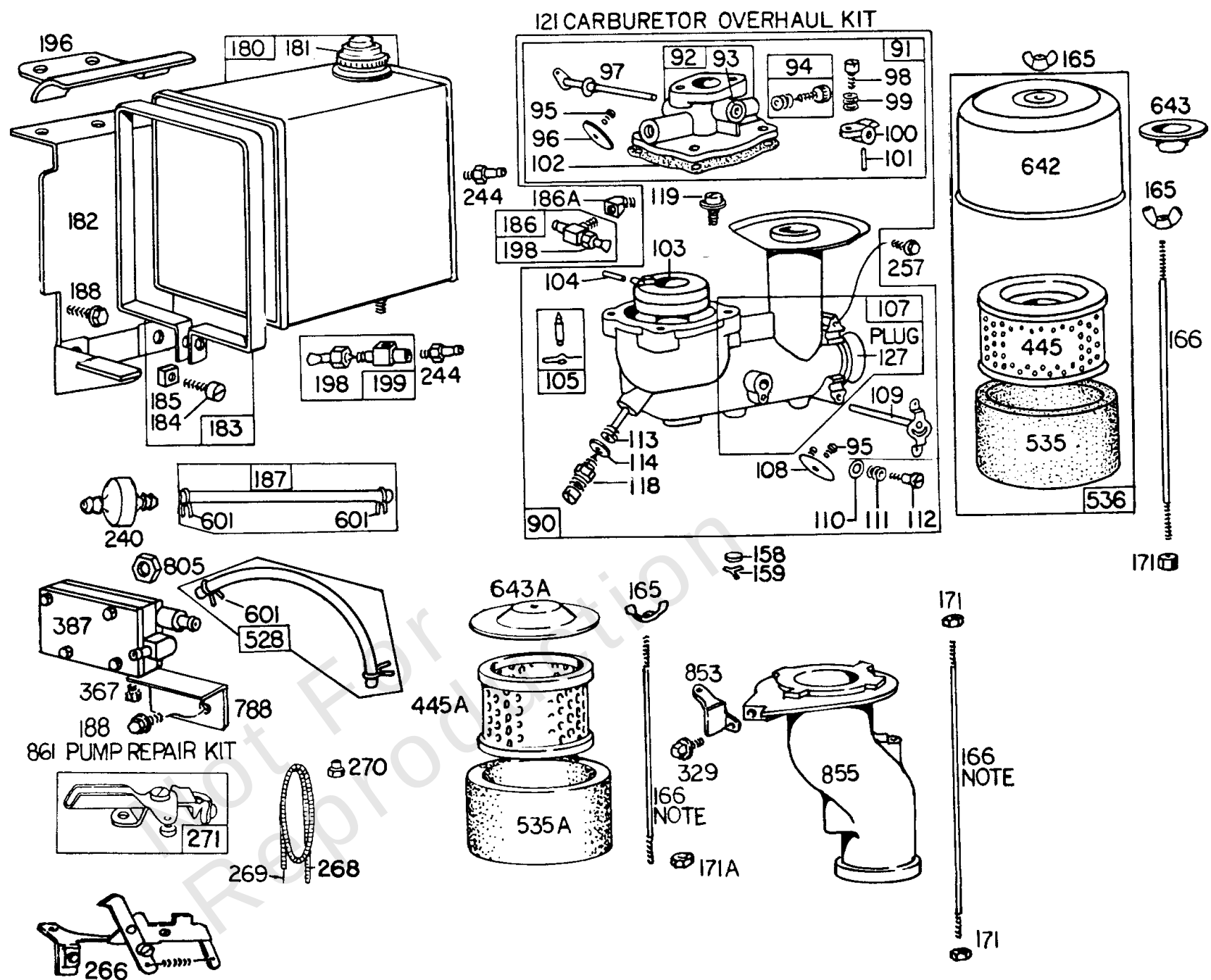
Blower Hsg,Rewind Assemblies

REF NO	PART NO	QTY	DESCRIPTION
608	390391		STARTER, Rewind
655	222598		ANCHOR, Rewind Spring -(Stamped Rewind Housing)
682	211516		SHIELD, Starter
731	392689		HOOD, Snow -Uses: 222710 Strap-Support 93705 Screw (Hood to Strap) 93042 Screw (Hood to Bl. Hsg.) CERTAIN APPLICATIONS ALSO USE THE FOLLOWING: 93730 Stud (Strap to Crankcase Cover) 91397 Nut-Hex. (1) 90366 Washer-Lock (2)

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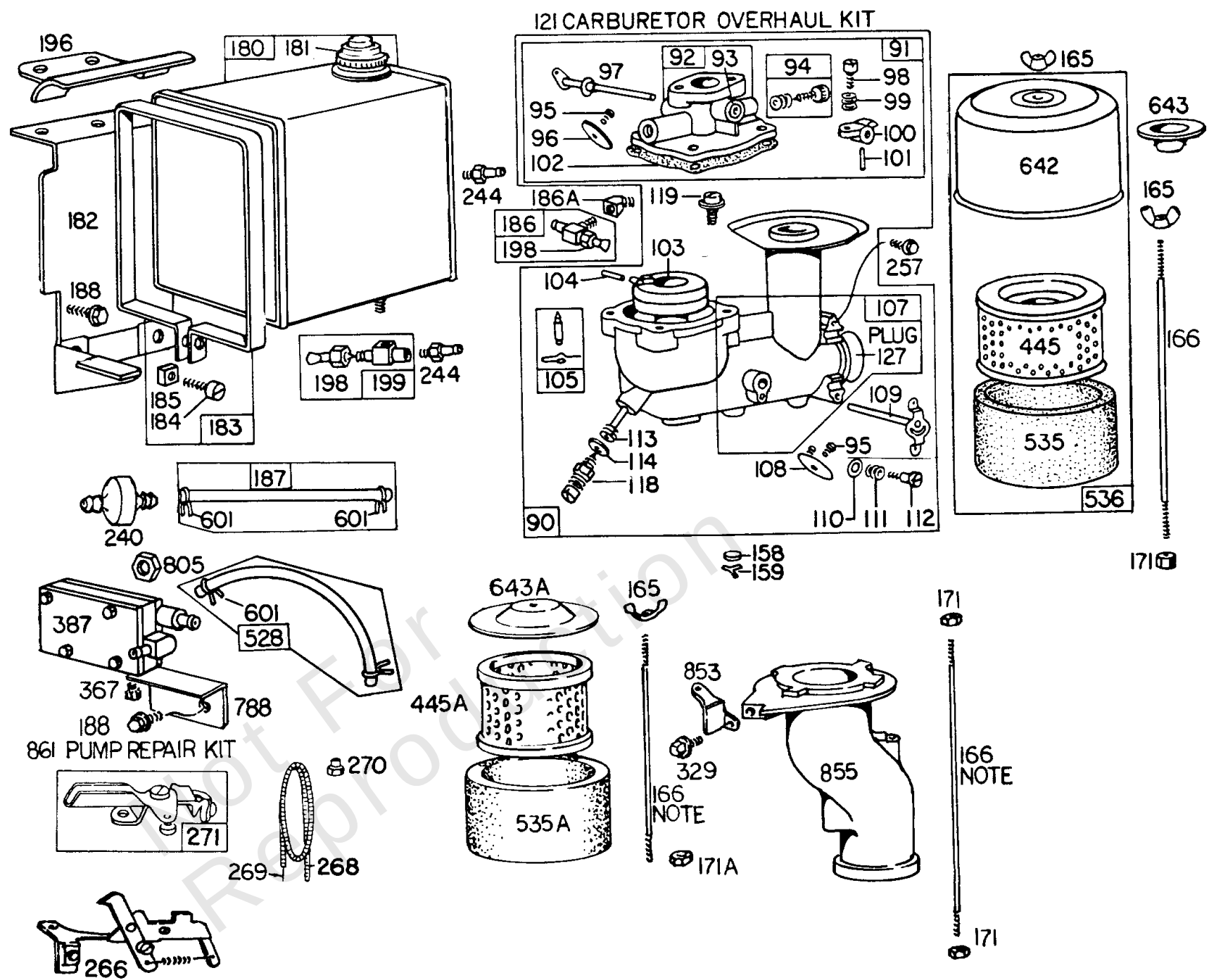
Footnotes:

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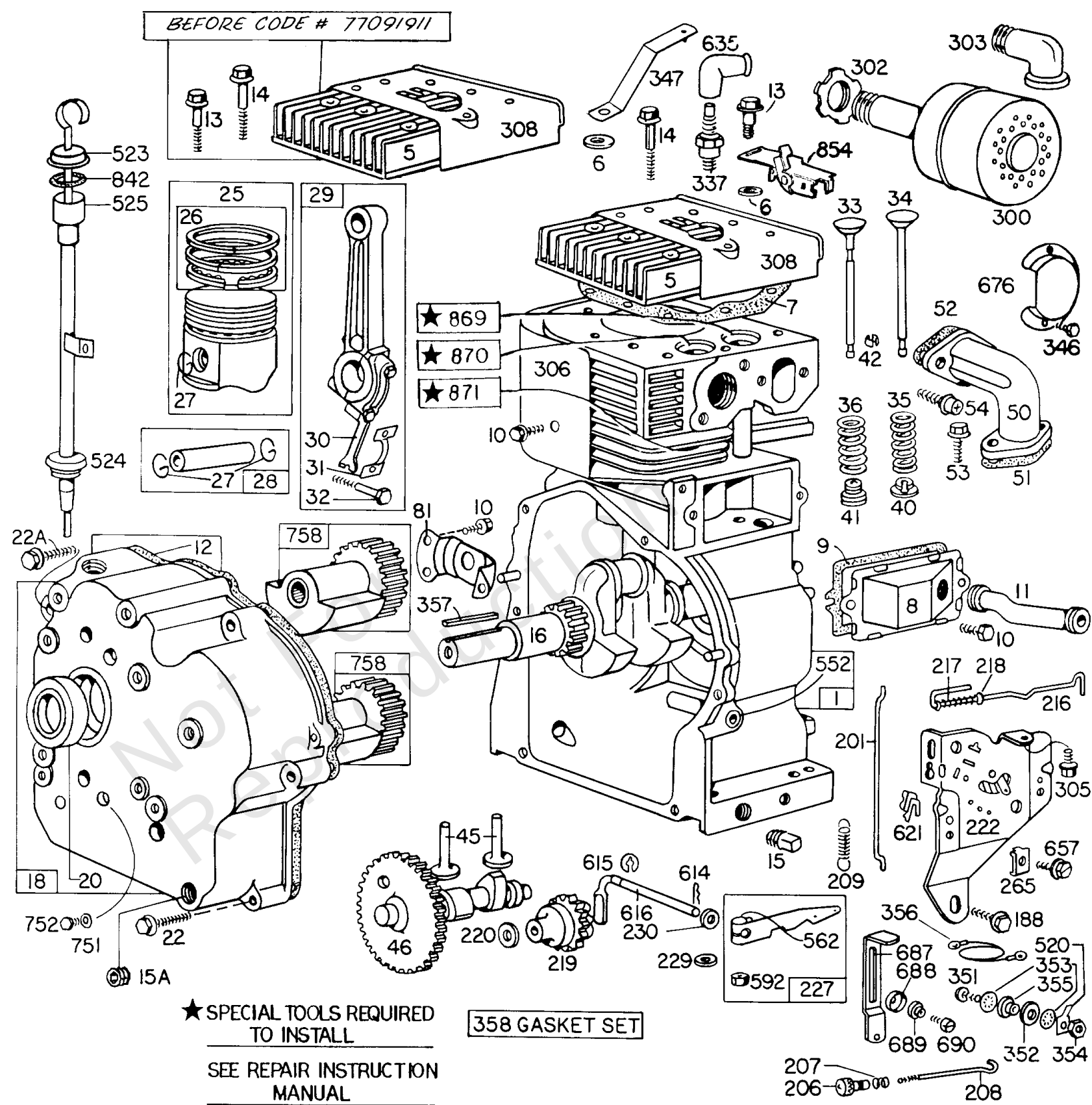
Carburetor, Fuel, Air Cleaner

REF NO	PART NO	QTY	DESCRIPTION
90	392587		CARBURETOR -(Manual Choke)
91	391833		BODY, Upper Carburetor
92	298759		BODY, Upper Carburetor
93	23108		BUSHING, Throttle Shaft
94	292681		VALVE, Idle Mixture -Included in Carburetor Overhaul Kit-Part No. 391071
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-Part No. 391071
103	298514		FLOAT, Carburetor
104	230896		PIN, Float Hinge -Included in Carburetor Overhaul Kit-Part No. 391071
105	299096		KIT, Needle/Seat -Included in Carburetor Overhaul Kit-Part No. 391071
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	390950		NOZZLE, Carburetor -Included in Carburetor Overhaul Kit-Part No. 391071
114	68667		WASHER -(Viton Seat) Included in Carburetor Overhaul Kit-Part No. 391071
118	99525		VALVE, High Speed -Included in Carburetor Overhaul Kit-Part No. 391071
119	93496		SCREW -(10-32 X 5/8)
127	221747		PLUG, Welch -Included in Carburetor Overhaul Kit-Part No. 391071
158	27590		PLUG, Carburetor Filter/Drain
159	220521		RETAINER, Carburetor Drain
165	93453		NUT
166	231007		STUD -(Air Cleaner)
166	231112		STUD -(Air Cleaner) (6 7/8)
166	231124		STUD -(Air Cleaner) (8 5/8)
166	93110		SCREW -Used to Plug Air Cleaner Stud Hole in Bottom of Carburetor
171A	92278		NUT -(Starting Switch)
171	92129		NUT -(1/4-28)
180	291488		TANK, Fuel -(6 Quart)



Carburetor, Fuel, Air Cleaner

REF NO	PART NO	QTY	DESCRIPTION
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: 270723 Tie Tag
188	93535		SCREW -(5/16-18 X 3/4)
188	93623		SCREW -(Flywheel Guard)
196	222334		BRACKET, Fuel Tank -(Upper)
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)
266	299361		CONTROL, Throttle -(Disc Type)
266	392150		CONTROL, Throttle -Uses: 261137 Spring-Return
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
329	93294		SCREW -(5/8)
367	93380		SCREW
387	390665		PUMP, Fuel -Order No. 394462 for Pump Repair Kit
445	390930		FILTER, A/C Cartridge
528	390674		LINE, Fuel
535	270782		FILTER, Air Cleaner Foam
536	212181		ADAPTER, Air Cleaner
536	391063		CLEANER, Air
601	93053		CLAMP, Hose -(Green)
642	222271		COVER, Air Cleaner
643A	222724		RETAINER, Air Filter
643	222272		RETAINER, Air Filter
788	222221		BRACKET, Fuel Pump
805	231001		NUT
853	222722		BRACKET, Air Cleaner
855	212247		ADAPTER, Air Cleaner
861	394462		KIT, Fuel Pump -(Use With Pump 390818 Only)

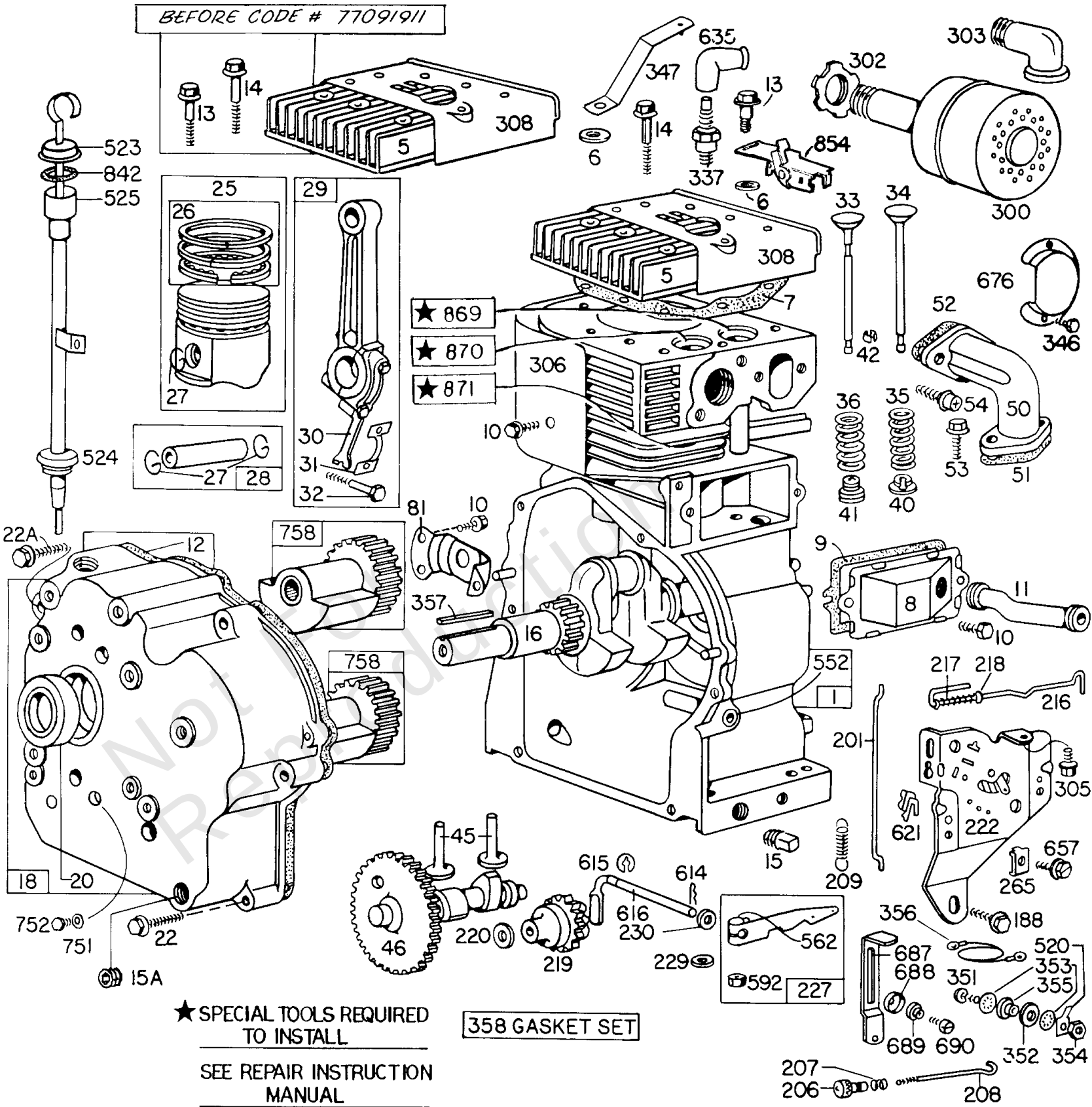


Cylinder,Crankcase,Piston

REF NO	PART NO	QTY	DESCRIPTION
1	391750		CYLINDER ASSEMBLY
5	212300		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
13	93776		STUD -(Cylinder Head) -Used Before Code Date 77091911
14	93723		SCREW -(3)
14	93781		STUD -(3 15/16)
15A	93418		PLUG, Oil Drain -(Flush)
15	91084		PLUG, Oil Drain -(3/8)
16	261354		CRANKSHAFT
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)
27	260924		LOCK, Piston Pin
28	299691		PIN, Piston -(Standard)
28	391286		PIN, Piston -(.005 Oversize)
29	391816		ROD, Connecting
30	222329		DIPPER, Connecting Rod
31	222299		LOCK, Rod Screw
32	92909		SCREW
33	261185		VALVE, Exhaust
34	261184		VALVE, Intake

Footnotes:

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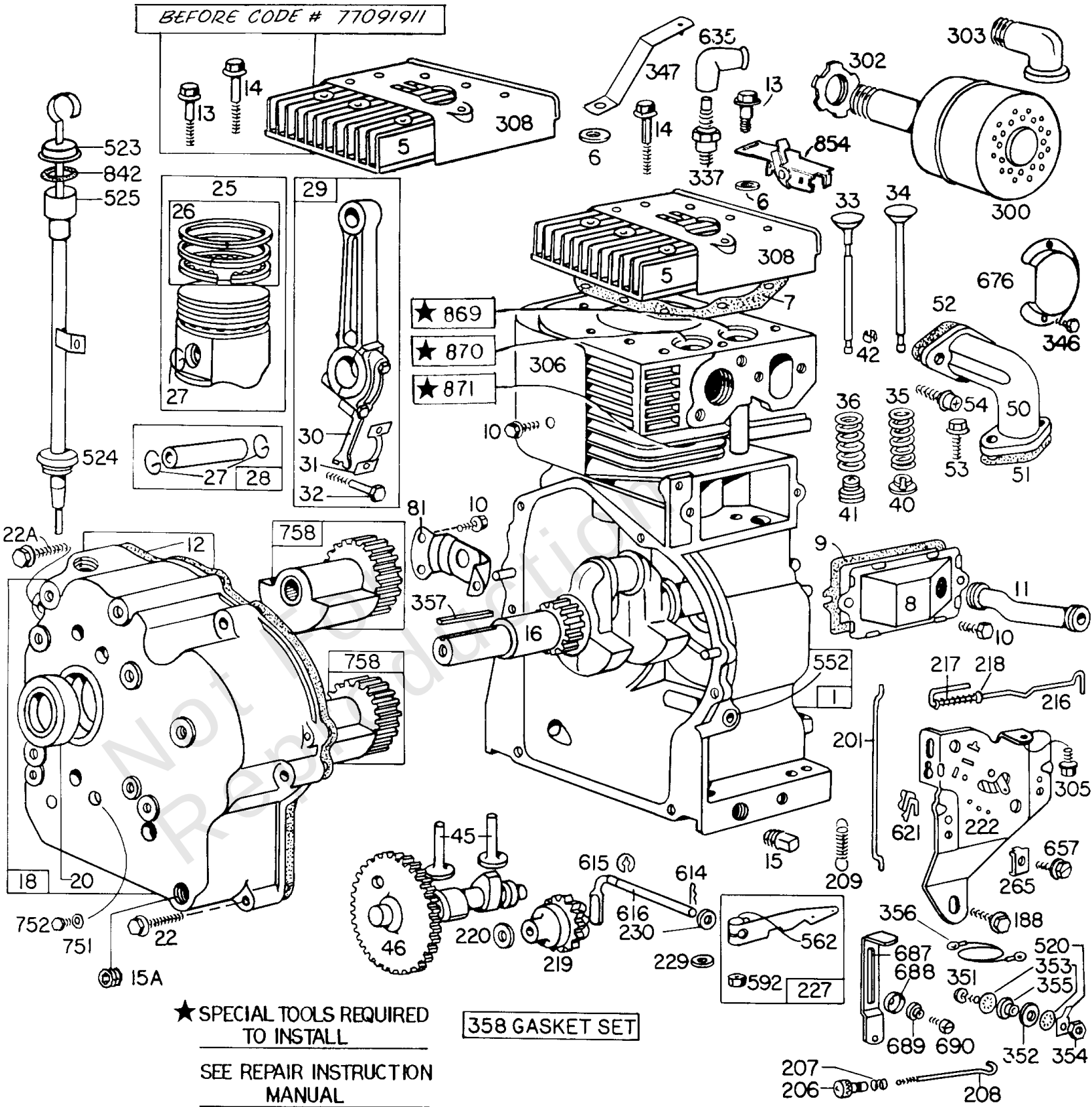


Cylinder,Crankcase,Piston

REF NO	PART NO	QTY	DESCRIPTION
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	212039		CAMSHAFT -Used Before Code Date 77080100
46	212296		CAMSHAFT
50	211931		MANIFOLD, Intake
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)
81	222407		RETAINER, Counterweight
188	93535		SCREW -(5/16-18 X 3/4)
188	93623		SCREW -(Flywheel Guard)
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
216	261289		LINK, Choke
217	261119		SPRING, Choke Return
218	222352		WASHER
219	391737		GEAR, Governor
220	221551		WASHER -(Governor Lever)
222	222267		ANCHOR, Spring
222	261137		SPRING, Throttle Return -(Throttle Return)
222	391633		BRACKET, Control
227	299165		LEVER, Governor Control -(3/16 Diameter) -Used Before Code Date 75061612
227	391732		LEVER, Governor Control -(1/4 Diameter) -Used After Code Date 75061312
229	220680		WASHER
230	221559		WASHER -(3/16 I.D.)

Footnotes:

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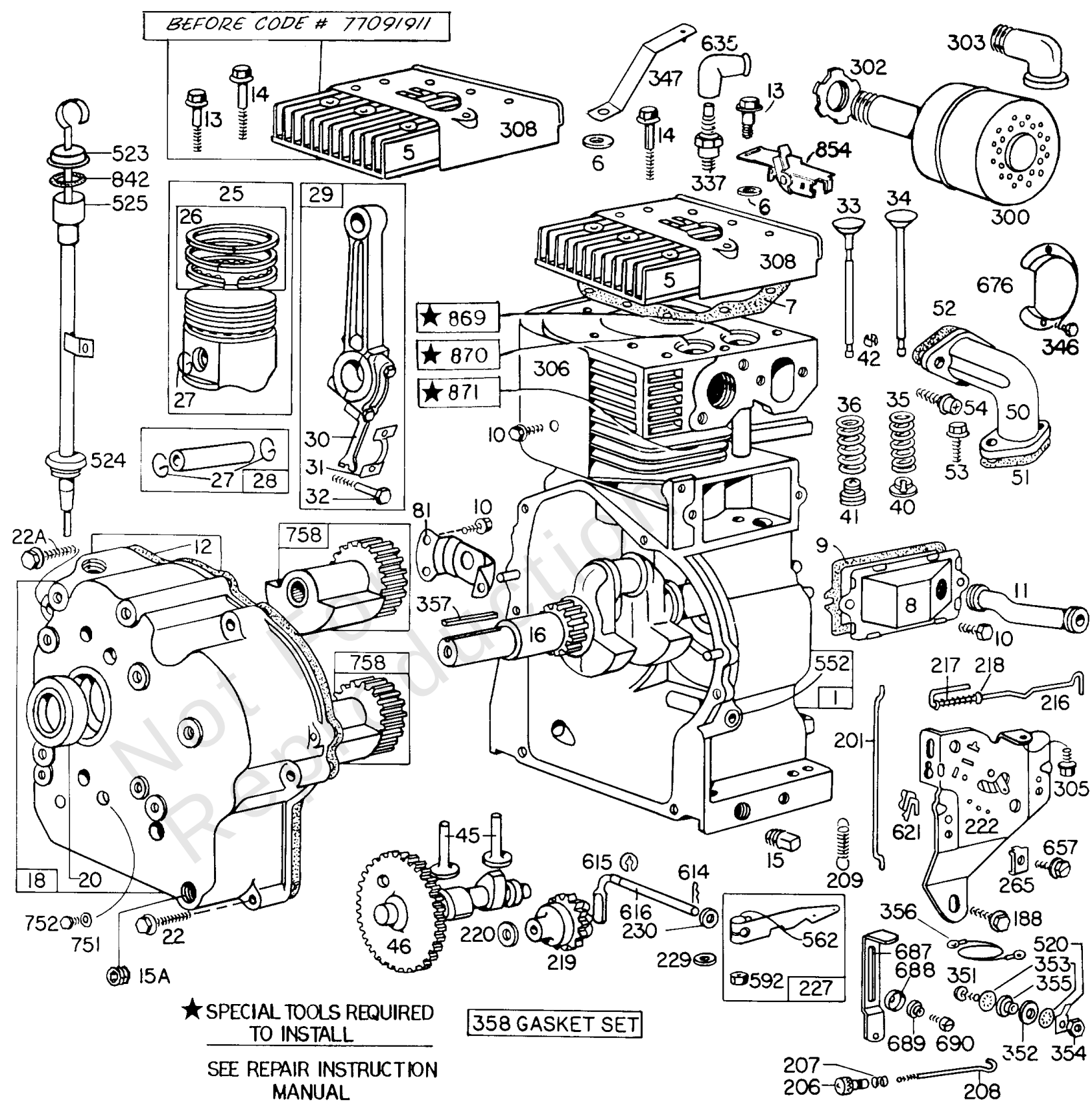


Cylinder,Crankcase,Piston

REF NO	PART NO	QTY	DESCRIPTION
230	222450		WASHER
265	221535		CLAMP, Casing -(Stamped Steel)
300	391569		MUFFLER
302	91310		LOCKNUT -(Muffler)
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	298926		SWITCH, Spark Plug Stop -Used Before Code Date 77091911
347	393242		SWITCH, Stop
351	93735		SCREW
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
520	93722		TERMINAL, Ground
523	391577		DIPSTICK -Used Before Code Date 76083112
523	392295		DIPSTICK
524	68838		SEAL, O-Ring -(Dipstick Tube)
525	391579		TUBE, Dipstick -Used Before Code Date 76083112
525	392283		TUBE, Dipstick -Used After Code Date 76083012
552	230843		BUSHING, Governor Crank -(3/16 I.D.) -Used Before Code Date 75061612
552	231056		BUSHING, Governor Crank -(1/4 I.D.) -Used After Code Date 75061312
562	92613		BOLT -(Governor Lever)
592	231082		NUT -(Governor Control)
614	93306		PIN, Cotter
615	93307		RETAINER, Governor Shaft
616	231057		CRANK, Governor -(1/4 Diameter) -Used After Code Date 75061312

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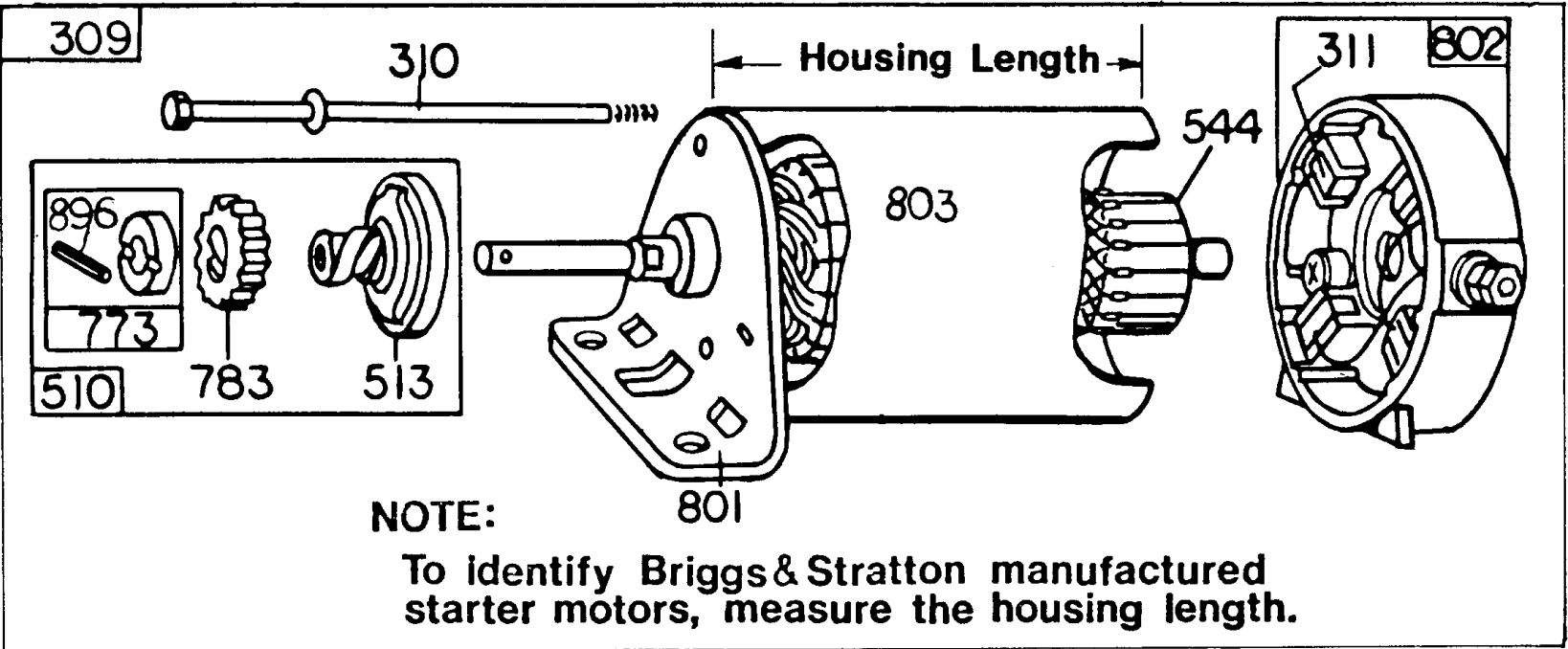


Cylinder,Crankcase,Piston

REF NO	PART NO	QTY	DESCRIPTION
616	231070		SHAFT, Governor Gear -(3/16 Diameter) -Used Before Code Date 75061612
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
751	22355		WASHER, Sealing
752	93554		SCREW
758	391481		COUNTERWEIGHT
842	270933		SEAL, O-Ring -(Oil Fill)
854	392884		BRACKET, Stopswitch
869	211661		SEAT, Valve -(Exhaust)
870	210940		SEAT, Valve -(Exhaust) (Standard)
871	-----		No Nomenclature -231218 or 230655 See Repair Manual

Footnotes:

Order No. 391579 Tube and No. 391577 Dipstick. For Impulse Pump 392012 Tube and No. 391577 Dipstick



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	Housing Length								
12V	3-3/4"	391177	391461**	392061	391160	391167	391172	391791	391790
12V	3-1/16"	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	391790		BOLT -(3 3/4 Housing)
311	391705		SET, Brush -(3 1/16 Housing)
311	391791		SET, Brush -(3 3/4 Housing) (Briggs & Stratton 12V)
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
802	391172		CAP, End -(3 3/4 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
	-----		No engine replacement. Repair engine with individual parts.
	-----		Top No-Load Speed: 3750 -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

