

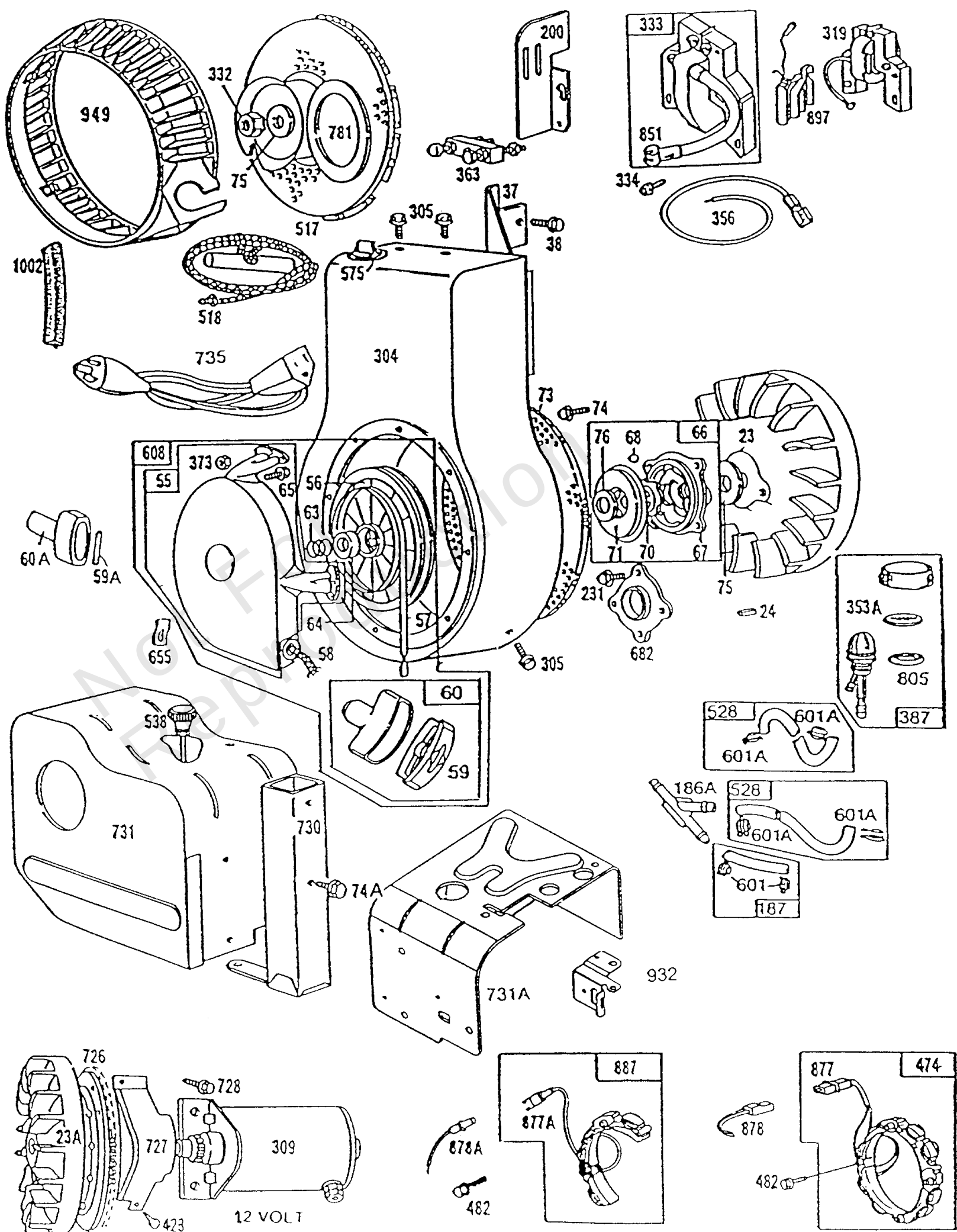


Parts Manual

Mfg. No: 170402-2215-03

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Reproduction

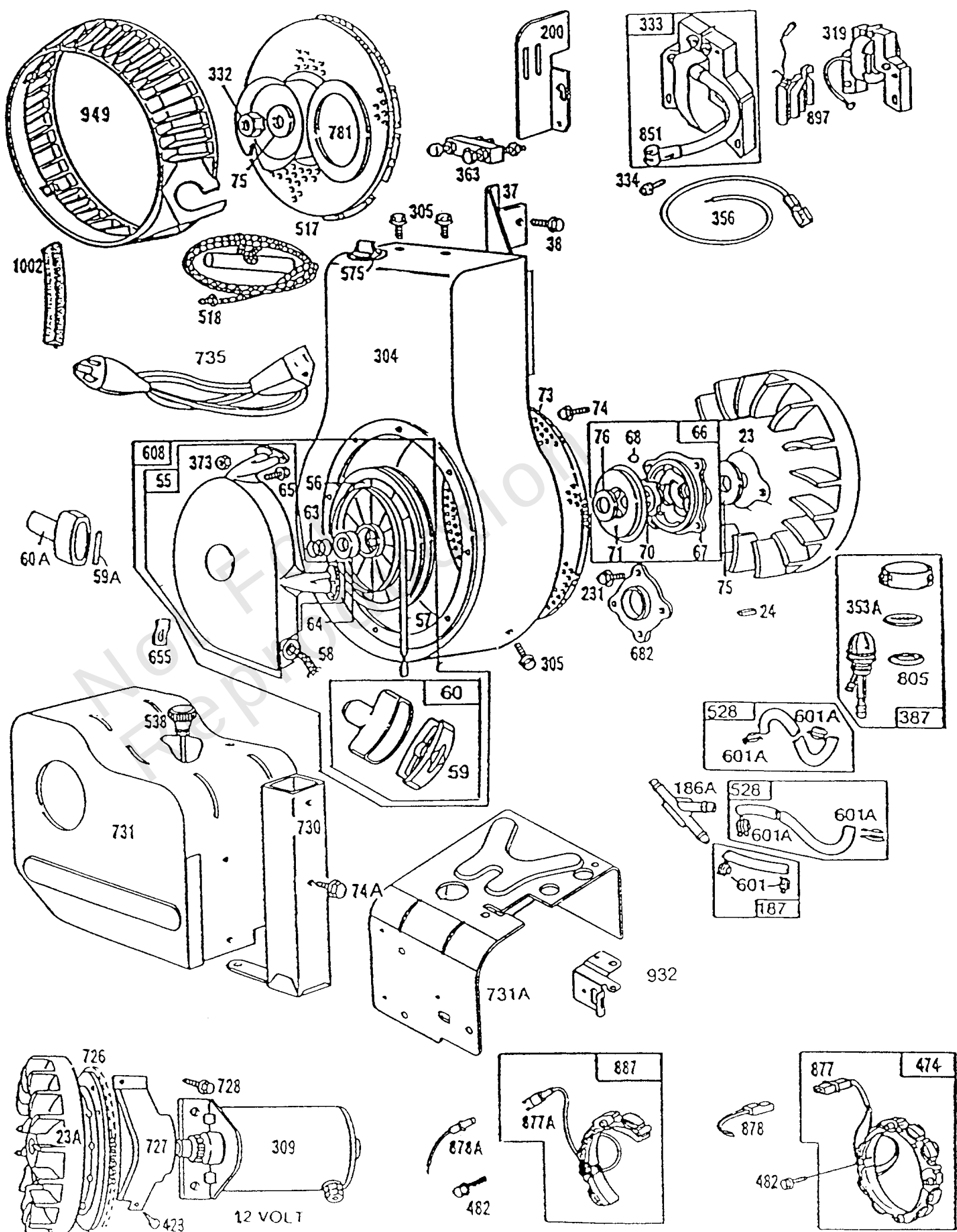


Blower Hsg,Sno-Gard,Rewind

REF NO	PART NO	QTY	DESCRIPTION
23A	392034		FLYWHEEL -(Aluminum Ring Gear) For Use Only on Electric Starter Engine WITHOUT ALTERNATOR (Aluminum Ring Gear Inc.) For Plastic Drive Gear Starter
23A	391983		FLYWHEEL -(Engines With Alternator) For Use on Engines WITH ALTERNATOR (Includes Aluminium Ring Gear.) for Plastic Drive Gear Starter
23	298260		FLYWHEEL
24	222698		KEY, Flywheel
37	222475		GUARD, Flywheel
38	93777		SCREW
55	393576		HOUSING, Rewind Starter
56	295871		PULLEY, Starter -Includes (63 Rope) if Longer Rope is Required, Order No. 280399 and Cut to Length.)
57	490179		SPRING-REWIND STR
58	66884		ROPE, Starter -(Cut To Required Length) For Use with Plastic Pulley; if Longer Rope is Required, Order No. 280399 and Cut to Length.
59A	230228		PIN, Starter Grip
59	490653		INSERT, Grip
60A	66728		GRIP, Starter Rope
60	490652		GRIP-STARTER ROPE
63	260414		SPRING, Ratchet
64	230543		ADAPTER, Ratchet Spring
65	94128		SCREW
66	399671		CLUTCH-STARTER -(Uses Rubber Coated Retainer Washer-Ref. 71)
67	394897		HOUSING, Clutch
68	63770		BALL, Clutch
70	298799		RATCHET, Clutch -(engine W/Ring Gear on FW equipped for Elec Start)
71	394506		COVER, Ratchet -(Rubber Coated)
73	221796		SCREEN, Rotating
74A	93490		SCREW -(Rotating Screen)
74	93758		SCREW -(Rotating Screen)
75	224061		WASHER -(5/8 Hole)
76	68238		SEAL, Ratchet
186A	280727		CONNECTOR, Hose
187	296004		LINE, Fuel -(Cut To Required Length)
187	393815		HOSE, Vacuum -(Cylinder To Impulse Pump)(Cut To Required Length)
200	221760		GUIDE, Air
231	93064		SCREW
304	399271		HOUSING, Blower -Used After Code Date 86082500
304	491596		HOUSING, Blower
305	93158		SCREW -(1/4-20 X 5/8)
309	393851		MOTOR, Starter -(3 1/2 Housing) (Briggs & Stratton 110V)

Footnotes:

223597 and 221940 Use: 93712 Screw 93713 Lockwasher

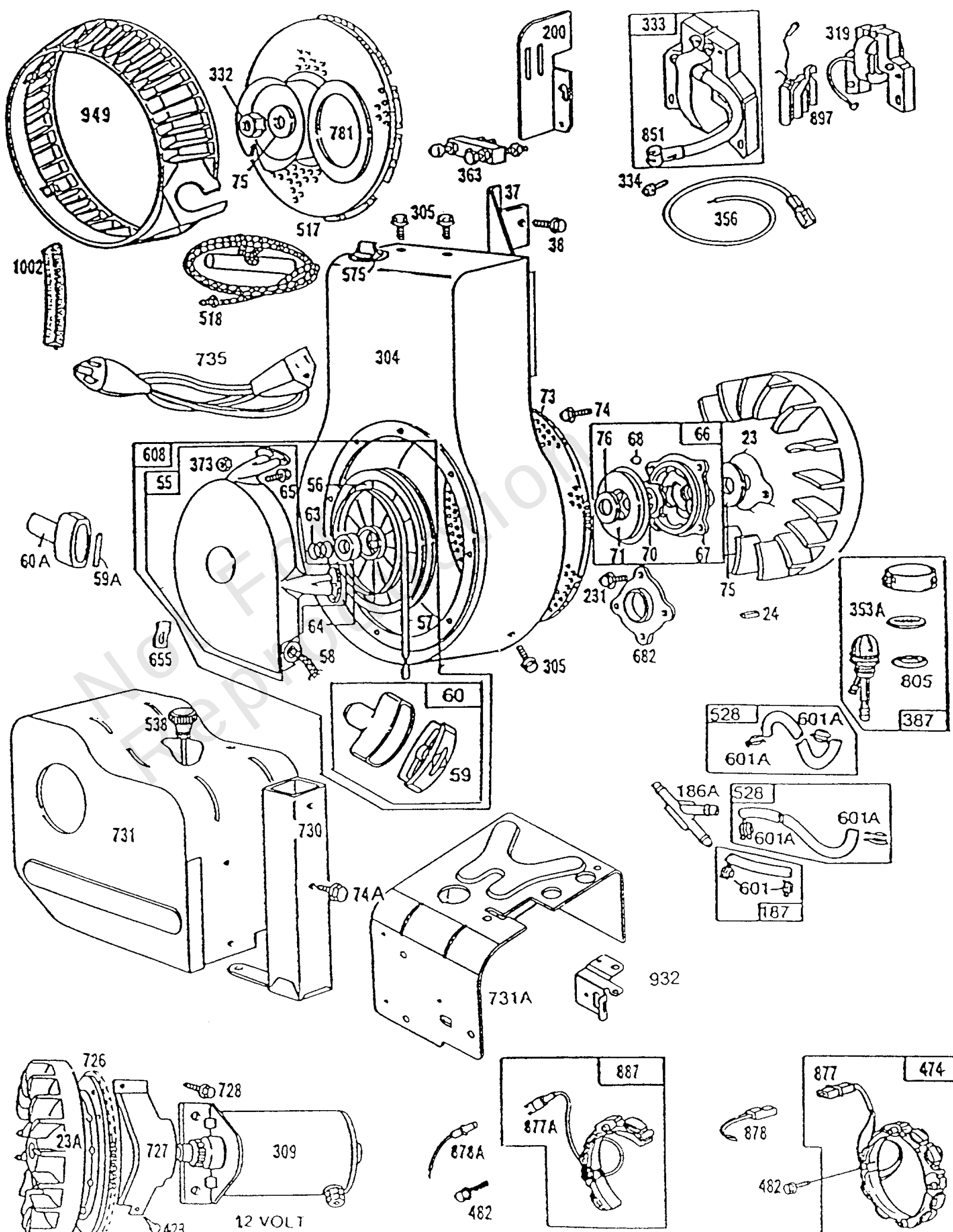


Blower Hsg,Sno-Gard,Rewind

REF NO	PART NO	QTY	DESCRIPTION
309	394805		MOTOR, Starter -(3 1/16 Housing)
319	395326		ARMATURE, Magneto -(Electronic Ignition-Without Module)
332	92284		NUT -(Flywheel)
333	398811		ARMATURE, Magneto -(Magnetron Ignition)
334	93381		SCREW
356	398874		WIRE, Stop
363	19203		PULLER, Flywheel
373	92987		STARTER, Rewind
387	399255		PRIMER, Carburetor
423	94625		SCREW
474	393474		ALTERNATOR -(Dual Circuit)
482	93621		SCREW -(Tapping)
517	295423		PULLEY, Rope Starter
518	69932		GRIP, Starter Rope
528	399254		LINE, Fuel -(1/4 O.D.)
538	390167		ROD, Governor Control
575	396691		SWITCH, Rotary -(Mechanical Governor)
601A	94174		PLUG, Oil Drain
601	93053		CLAMP, Hose -(Green)
601	93807		CLAMP, Hose -(Black)
608	390391		STARTER, Rewind
655	222598		ANCHOR, Rewind Spring -(Stamped Rewind Housing)
682	211516		SHIELD, Starter
726	392134		GEAR, Ring
727	221940		GUARD, Flywheel -Used Before Code Date 86082600
727	223597		GUARD, Flywheel -Used After Code Date 86082500
727	395405		COVER, Starter Drive
728	93535		SCREW -(5/16-18 X 3/4)
730	299384		MANIFOLD, Intake
731A	492291		HOOD, Snow
731	399157		HOOD, Snow
735	390966		CORD, Starter -(Includes Adaptor Plug)
781	280068		CAP, Starter Pulley
805	94189		NUT -(Primer)
851	221798		TERMINAL, Spark Plug
877A	393814		WIRE/CONNECTOR, Alternator -(10 Amp Regulated)

Footnotes:

223597 and 221940 Use: 93712 Screw 93713 Lockwasher



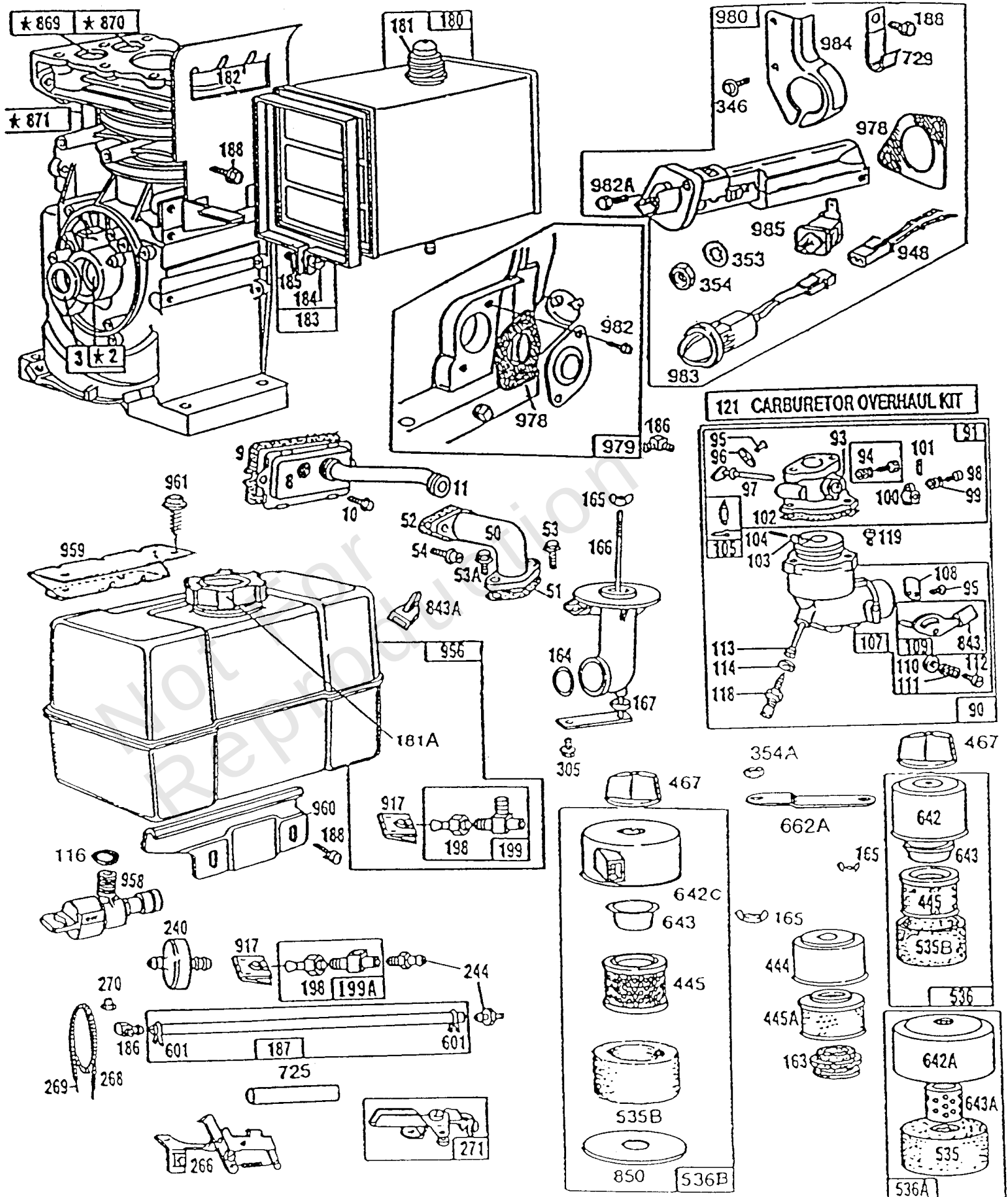
Blower Hsg,Sno-Gard,Rewind

REF NO	PART NO	QTY	DESCRIPTION
877	393456		WIRE/CONNECTOR, Alternator
878A	393422		WIRE ASSEMBLY -(Dc Only)
878	393362		HARNESS, Alternator -(Dual Circuit)
887	391529		ALTERNATOR -(DC Only)
897	394970		KIT, Magnetron Ignition
932	223648		GUIDE, Rod
949	280685		GUARD, Rewind
1002	280738		SHIELD, Blower Housing

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Reproduction

Footnotes:

223597 and 221940 Use: 93712 Screw 93713 Lockwasher



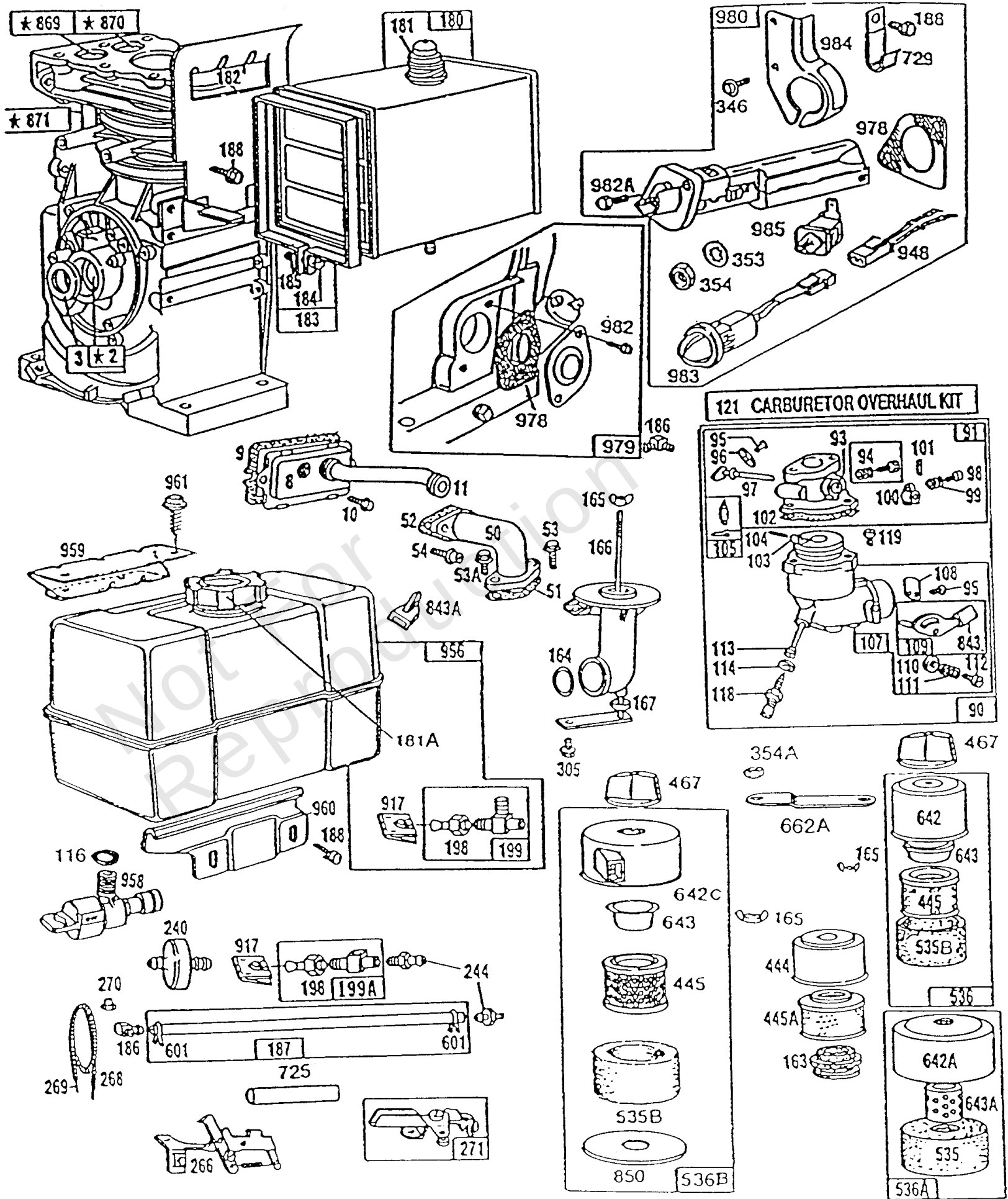
★ REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.

Carburetor & Fuel Assy

REF NO	PART NO	QTY	DESCRIPTION
2	295962		KIT, Bushing/Seal
3	294606		SEAL, Oil -Included in Gasket Set-Part No. 299577
8	390321		BREATHER ASSEMBLY
9	27803		GASKET, Rocker Cover -Included in Gasket Set-Part No. 299577
10	94621		SCREW -(Breather Assembly)
11	280267		TUBE, Breather -(Used with Nylon Air Cleaner Pipe)
50	212488		MANIFOLD, Intake
51	270684		GASKET, Intake -Included in Gasket Set-Part No. 299577. Included in Carburetor Overhaul Kit- See Ref. 121
52	27828		GASKET, Intake -Included in Gasket Set-Part No. 299577
53A	93357		SCREW
53	93956		SCREW
54	93208		SCREW -(Intake Manifold)
90	390323		CARBURETOR -(Manual Choke)
91	390404		BODY, Upper Carburetor -Used Before Code Date 84100800
91	399443		BODY, Upper Carburetor -Used After Code Date 84100700
93	23108		BUSHING, Throttle Shaft
94	292681		VALVE, Idle Mixture -Included in Carburetor Overhaul Kit-See Ref. 121
95	93499		SCREW -(Throttle Valve)
96	223370		VALVE, Throttle
97	298826		SHAFT, Throttle
98	91920		SCREW -(8-32 X 5/8)
99	26157		SPRING, Compression
100	212904		STOP, Throttle
101	93043		PIN, Shaft
102	27918		GASKET, Carburetor Body -Included in Carburetor Overhaul Kit-See Ref. 121
103	99333		FLOAT, Carburetor
104	230896		PIN, Float Hinge -Included in Carburetor Overhaul Kit-See Ref. 121
105	394681		KIT, Needle/Seat -(Gravity Feed)
107	299170		BODY, Lower Carburetor -Used Before Code Date 84100800
107	399442		BODY, Lower Carburetor -Used After Code Date 84100700
107	399444		BODY, Lower Carburetor -(Choke-A-Matic) -Used After Code Date 84100700
108	221835		VALVE, Choke -Used Before Code Date 84100800
108	62872		VALVE, Choke -Used After Code Date 84100700

Footnotes:

Included in Carburetor Overhaul Kit-See Ref. 121



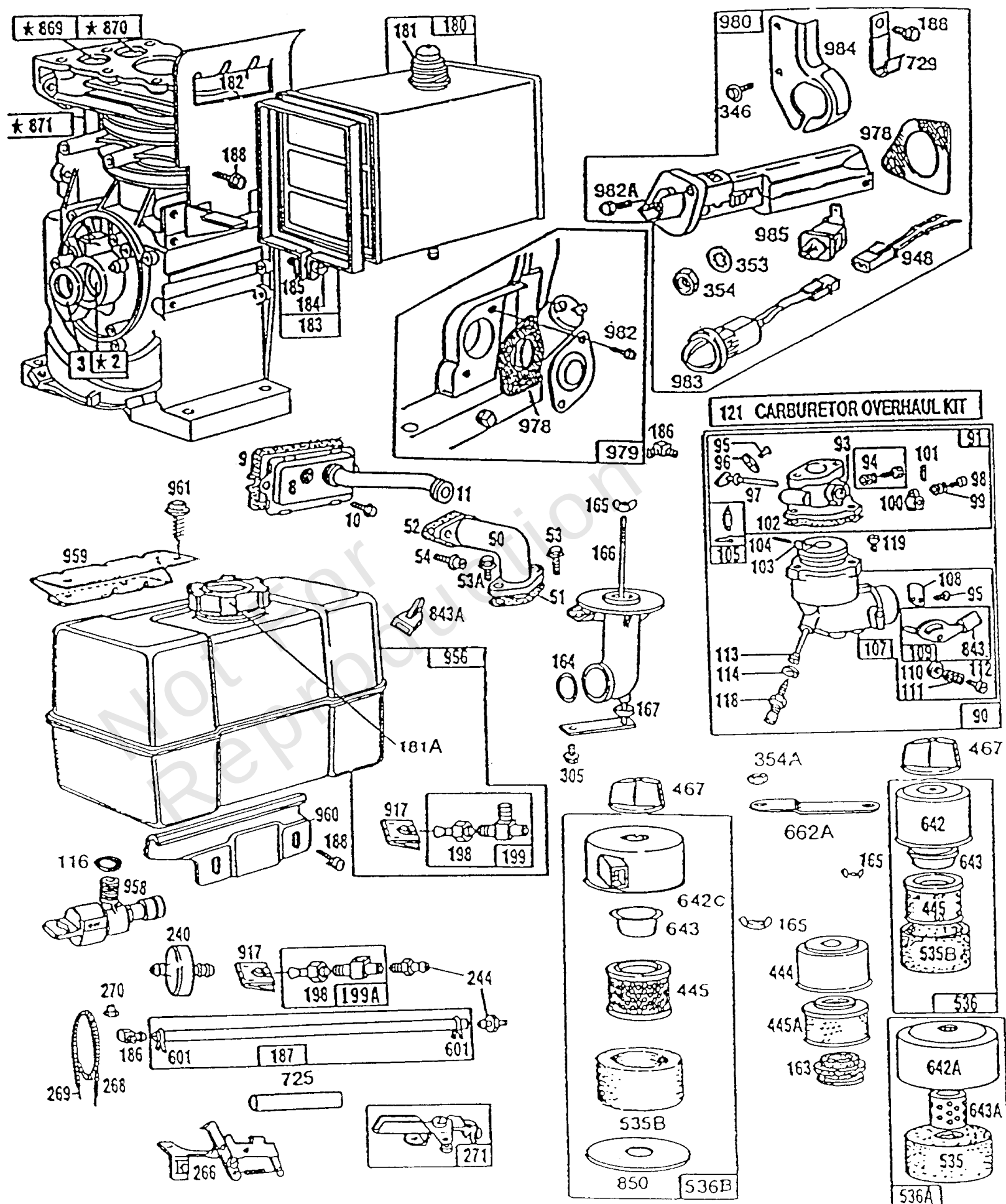
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Carburetor & Fuel Assy

REF NO	PART NO	QTY	DESCRIPTION
109	391987		SHAFT, Choke -(Manual)
109	396700		SHAFT, Choke -(Choke-A-Matic) -Used After Code Date 83121500
110	222712		WASHER
111	26155		SPRING, Friction
112	23123		SCREW
113	398039		NOZZLE, Carburetor -Used Before Code Date 84100800
113	398202		NOZZLE, Carburetor -Used After Code Date 84100700
114	68667		WASHER -(Viton Seat) Included in Carburetor Overhaul Kit-See Ref. 121
116	280203		SEAL, O-Ring -(Fuel Shut Off)
118	99525		VALVE, High Speed -Included in Carburetor Overhaul Kit-See Ref. 121. Includes: 22235 Washer- Brass 26336 Spring 65978 O-Ring 394033 Valve-Needle
119	90746		SCREW -(10-32 X 5/8)
119	93496		SCREW -(10-32 X 5/8)
121	394693		KIT, Carburetor Overhaul -Used Before Code Date 84100800
121	398235		KIT, Carburetor Overhaul -Used After Code Date 84100700
163	27907		GASKET, Air Cleaner -Included in Gasket Set-Part No. 299577
164	398592		ELBOW, Intake -Uses: 271265 O-Ring
165	94289		NUT
166	392105		STRAP/STUD, Air Cleaner Mounting -(9 9/16)
167	65978		SEAL, O-Ring -(Needle Valve)
180	290816		TANK, Fuel -(4 Quart)
181A	397975		CAP, Fuel Tank -(Plastic) (2 1/4 I.D.)
181	392305		CAP, Fuel Tank -(Metal)
182	222758		BRACKET, Fuel Tank
183	291367		STRAP, Fuel Tank -(4 Quart)
184	91257		SCREW -(1/4-20 X 1-1/2)
185	90970		NUT -(1/4-20)
186	67218		CONNECTOR, Hose
187	296004		LINE, Fuel -(Cut To Required Length)
187	393815		HOSE, Vacuum -(Cylinder To Impulse Pump)(Cut To Required Length)
188	93535		SCREW -(5/16-18 X 3/4)

Footnotes:

Included in Carburetor Overhaul Kit-See Ref. 121



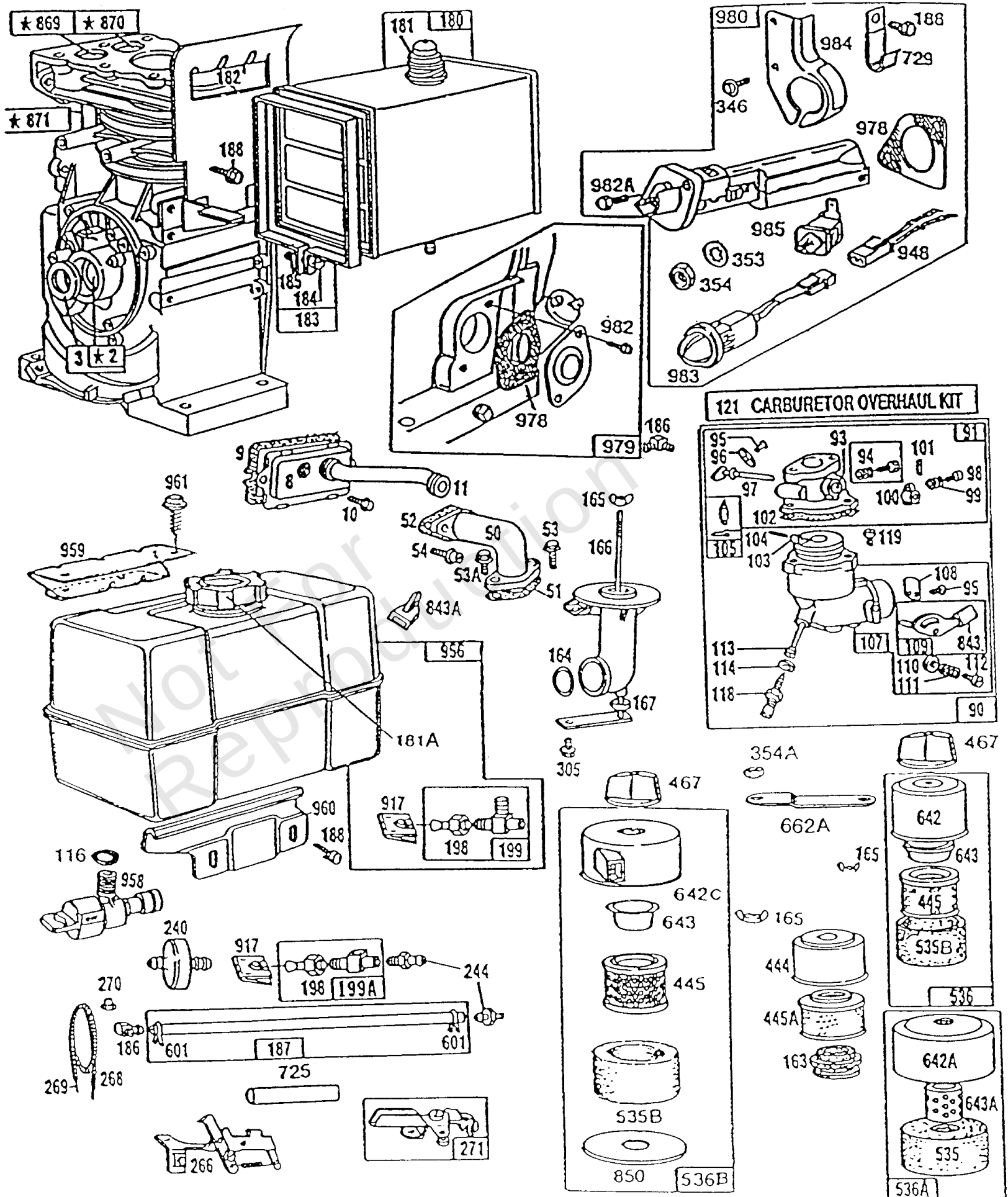
★ REQUIRES SPECIAL TOOLS TO
INSTALL. SEE REPAIR INSTRUCTION
MANUAL.

Carburetor & Fuel Assy

REF NO	PART NO	QTY	DESCRIPTION
198	293934		VALVE, Fuel Shut Off
199A	297563		OUTLET, Tank
199	390303		OUTLET, Tank
240	298090		FILTER, Fuel
244	230318		CONNECTOR, Hose
266	291460		CONTROL, Throttle -(Disc Type)
266	390802		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
305	93158		SCREW -(1/4-20 X 5/8)
346	93705		SCREW -(8-32 X 3/8)
353	92791		WASHER
354A	94314		NUT
354	90576		NUT -(Ground Terminal)
444	390588		COVER, Air Cleaner
445A	390492		FILTER, A/C Cartridge
445	393957		FILTER, A/C Cartridge
467	212706		KNOB, Choke Shaft
535B	271794		FILTER, Air Cleaner Foam
535	270093		FILTER, Air Cleaner Foam
536B	399810		CLEANER, Air
536A	390400		CLEANER, Air
536	391063		CLEANER, Air -For Dual Element Air Cleaner Kit Order No. 393459; Used With Standard Air Cleaner Pipe Assembly.
601	93053		CLAMP, Hose -(Green)
601	93807		CLAMP, Hose -(Black)
642C	398462		COVER, Air Cleaner
642A	221468		COVER, Air Cleaner
642	222271		COVER, Air Cleaner
643A	280001		SUPPORT, Foam Element
643	222272		RETAINER, Air Filter
662A	224484		BRACE, Air Cleanr
725	280692		LINE, Fuel
729	223528		CLIP -(Retainer)
843A	280147		KNOB, Control -(Sno gard)
843	280149		SLEEVE, Lever
850	271793		GASKET, Air Cleaner

Footnotes:

Included in Carburetor Overhaul Kit-See Ref. 121



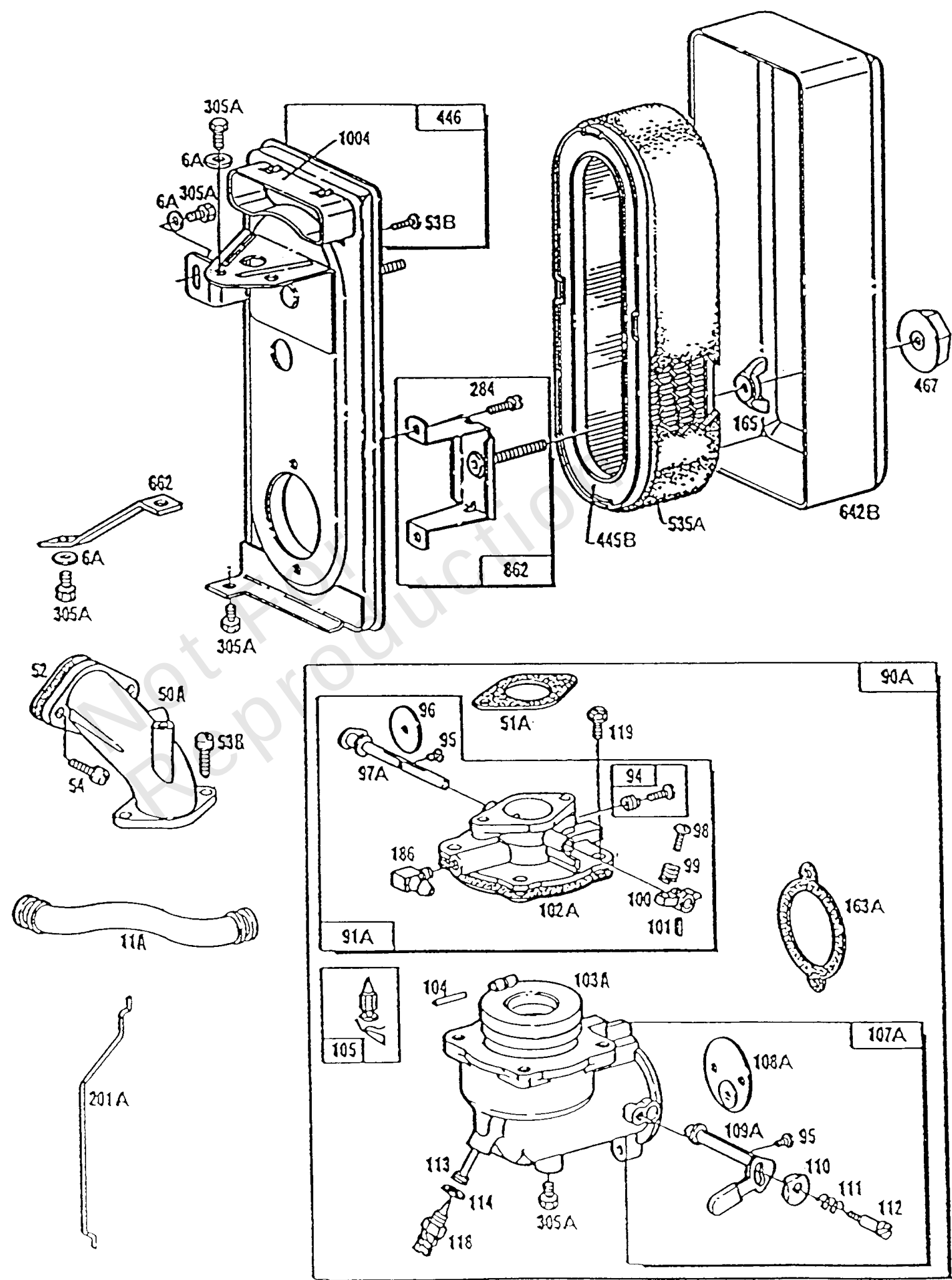
* REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.

Carburetor & Fuel Assy

REF NO	PART NO	QTY	DESCRIPTION
869	211661		SEAT, Valve -(Exhaust)
870	211661		SEAT, Valve -(Exhaust)
871	231218		BUSHING, Valve Guide -(Intake)
871	261961		BUSHING, Valve Guide -(Exhaust)
917	223271		VALVE, Handle Shutoff
948	398661		HARNESS, Wiring
956	490572		TANK, Fuel
958	399517		VALVE, Fuel Shut Off -(Plastic)
959	223462		BRACKET, Fuel Tank -(Upper)
960	223463		BRACKET, Fuel Tank -(Lower) -Used Before Code Date 89040500
960	492990		BRACKET, Fuel Tank -(Lower) -Used After Code Date 89040400
961	94095		SCREW -(Tapping)
978	271736		GASKET, Oil Guard -Included in Gasket Set-Part No. 299577
979	398194		COVER, Oil Guard
980	398182		KIT, Oil Gard
982A	94146		SCREW -(Oil Guard)
982	94139		SCREW -(Oil Guard)
983	398660		LIGHT, Indicator -(Mounting With Light Bracket)
984	223773		BRACKET, Oil Guard Light
985	398525		INSULATOR

Footnotes:

Included in Carburetor Overhaul Kit-See Ref. 121

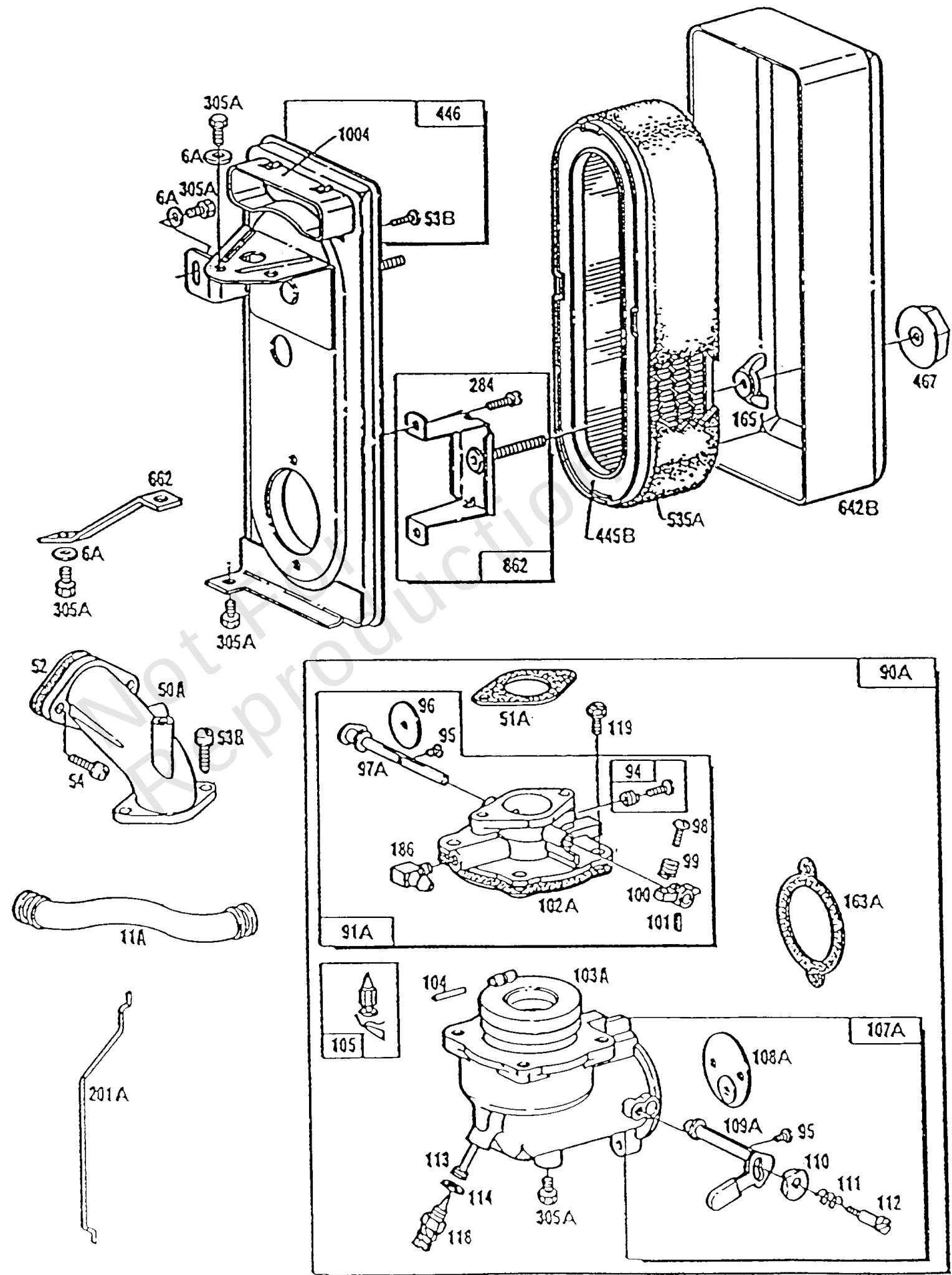


Carburetor & Fuel Assy

REF NO	PART NO	QTY	DESCRIPTION
6A	62199		WASHER
11A	280716		TUBE, Breather
50A	213169		MANIFOLD, Intake
51A	270267		GASKET, Intake
52	27828		GASKET, Intake -Included in Gasket Set-Part No. 299577
53B	94073		SCREW
54	93208		SCREW -(Intake Manifold)
90A	490419		CARBURETOR
91A	491560		BODY, Upper Carburetor
94	292681		VALVE, Idle Mixture -Included in Carburetor Overhaul Kit-See Ref. 121
95	93499		SCREW -(Throttle Valve)
96	223370		VALVE, Throttle
97A	391596		SHAFT, Throttle
98	91920		SCREW -(8-32 X 5/8)
99	26157		SPRING, Compression
100	212904		STOP, Throttle
101	93043		PIN, Shaft
102A	270268		GASKET, Carburetor Body
103A	298514		FLOAT, Carburetor
104	230896		PIN, Float Hinge -Included in Carburetor Overhaul Kit-See Ref. 121
105	394681		KIT, Needle/Seat -(Gravity Feed)
107A	490422		BODY, Lower Carburetor
108A	391836		VALVE, Choke
109A	490068		SHAFT, Choke
110	222712		WASHER
111	26155		SPRING, Friction
112	23123		SCREW
113	398039		NOZZLE, Carburetor -Used Before Code Date 84100800
113	398202		NOZZLE, Carburetor -Used After Code Date 84100700
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. Includes: 22235 Washer-Brass 26336 Spring 65978 O-Ring 394033 Valve-Needle
119	90746		SCREW -(10-32 X 5/8)
119	93496		SCREW -(10-32 X 5/8)
163A	271910		GASKET, Air Cleaner
165	94289		NUT
186	67218		CONNECTOR, Hose
201A	262307		LINK, Throttle
284	94271		SCREW

Footnotes:

Included in Carburetor Overhaul Kit-See Ref. 121



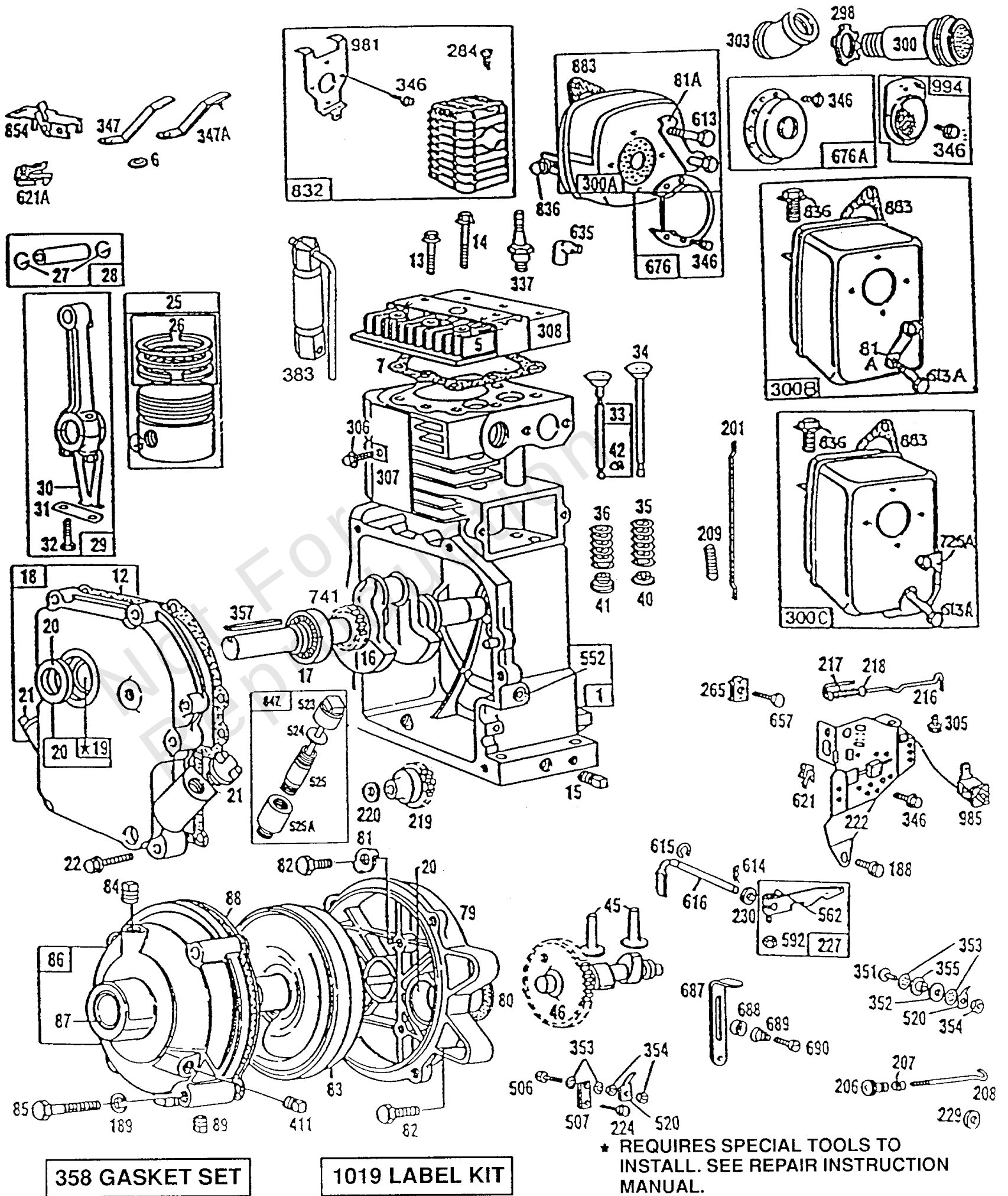
Carburetor & Fuel Assy

REF NO	PART NO	QTY	DESCRIPTION
305A	93559		SCREW -(Tank) (Fuel Tank)
445B	399968		FILTER, A/C Cartridge
446	490430		BASE, Air Cleaner
467	212706		KNOB, Choke Shaft
535A	271939		FILTER, A/C Cartridge
642B	223751		COVER, Air Cleaner
662	223820		BRACKET, Support
862	490431		STRAP/STUD, Air Cleaner Mounting
1004	280718		DUCT, Air

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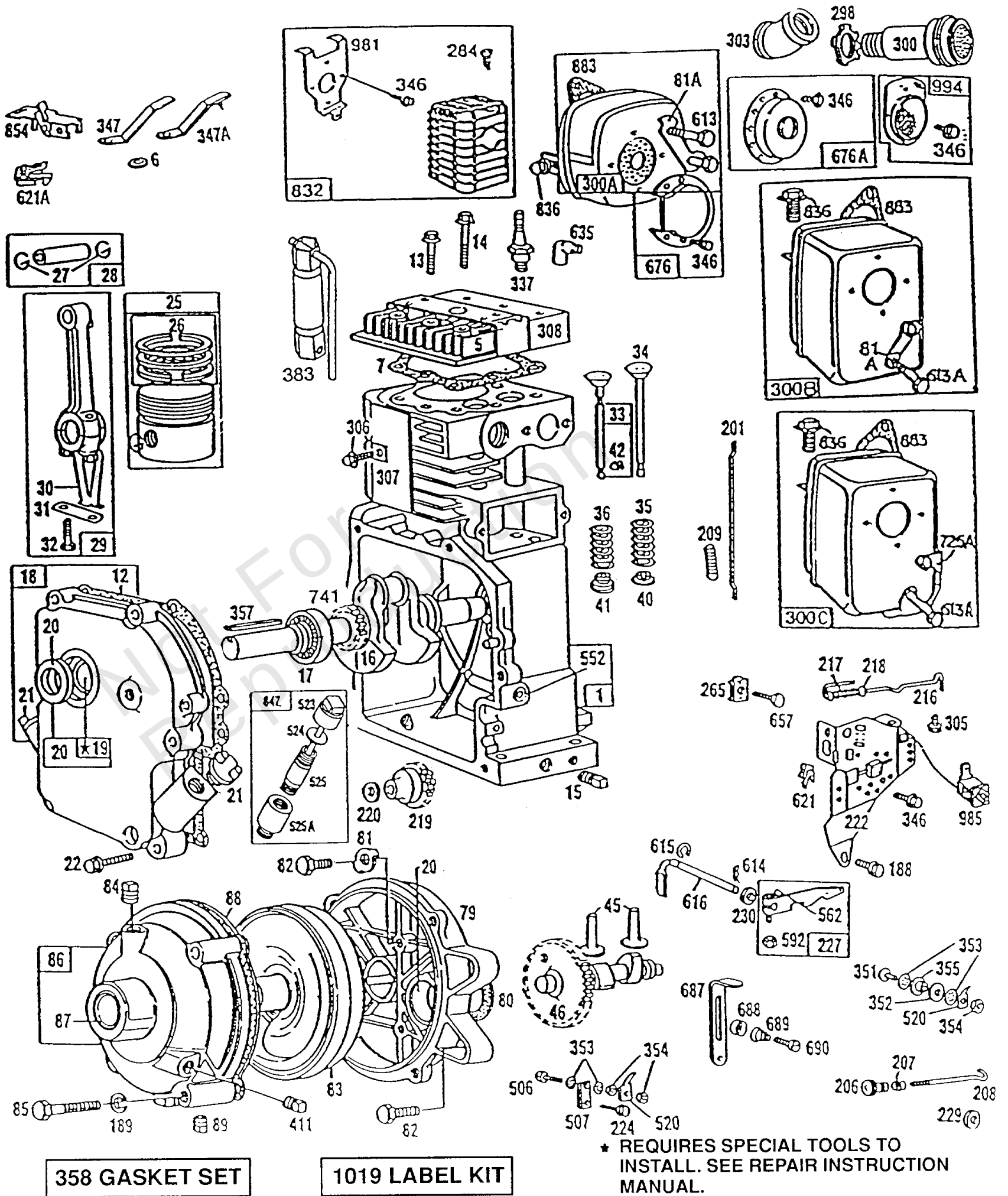
Footnotes:

Included in Carburetor Overhaul Kit-See Ref. 121



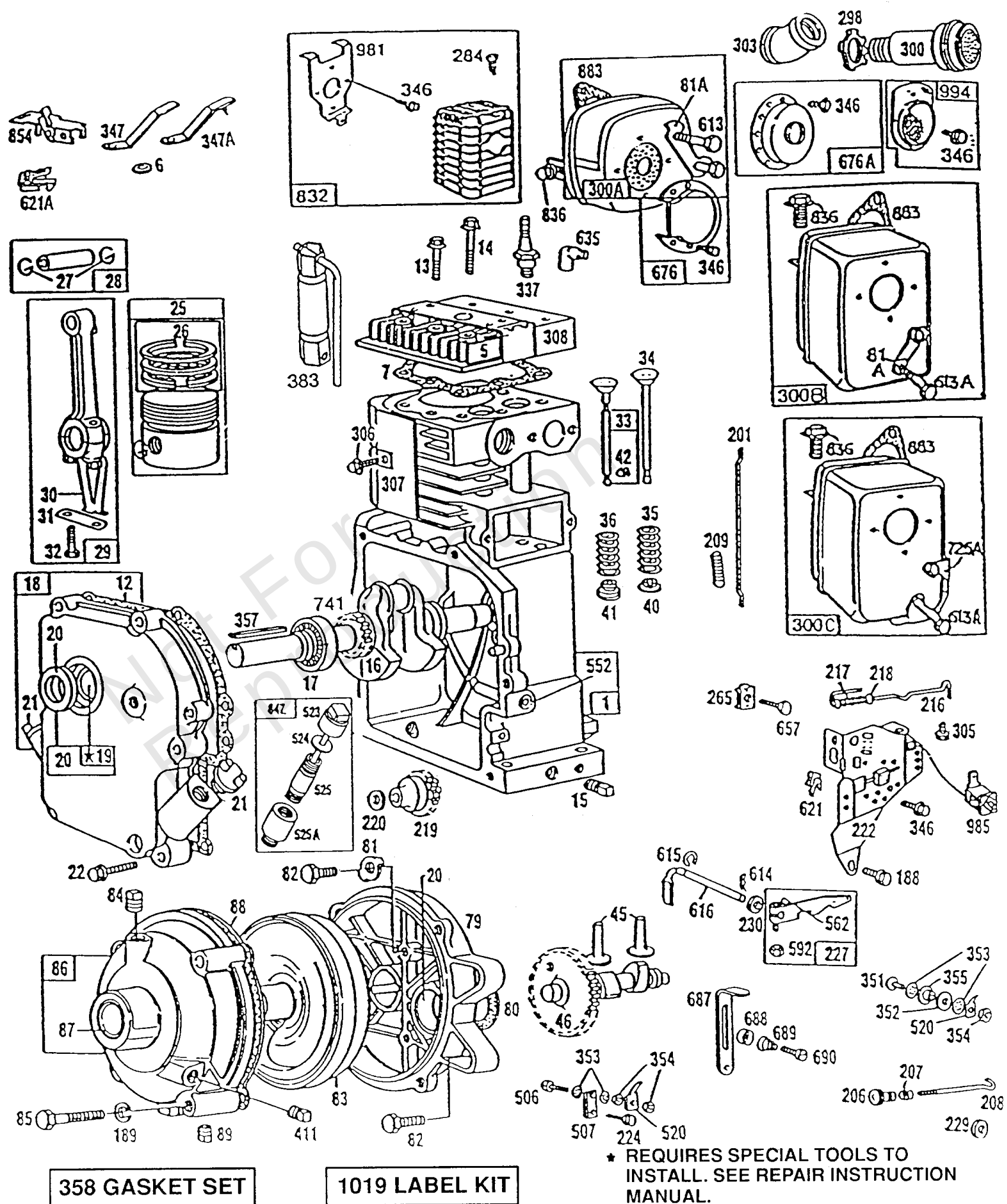
Cylinder, Gear Case, Mufflers

REF NO	PART NO	QTY	DESCRIPTION
1	396178		CYLINDER ASSEMBLY
1	399556		CYLINDER ASSEMBLY -(Oil Guard)
5	212285		HEAD, Cylinder
6	22963		WASHER
7	270430		GASKET, Cylinder Head -Included in Gasket Set-Part No. 299577
12	271701		GASKET, Crankcase -(.015) Included in Gasket Set-Part No. 299577
12	27876		GASKET, Crankcase -(.005) Included in Gasket Set-Part No. 299577
12	27877		GASKET, Crankcase -(.009) Included in Gasket Set-Part No. 299577
13	93211		SCREW -(5/16-18 X 2-21/32)
13	93776		STUD -(Cylinder Head)
14	93723		SCREW -(3)
14	93781		STUD -(3 15/16)
15	91084		PLUG, Oil Drain -(3/8)
15	92738		PLUG, Oil Drain
15	93418		PLUG, Oil Drain -(Flush)
16	492455		CRANKSHAFT -Order 94388 Key or 230978 Pin For Loose Timing Gear Retaining Device.
18	392818		COVER, Crankcase
19	295964		KIT, Bushing/Seal -(PTO Side)
20	391086		SEAL, Oil -Included in Gasket Set-Part No. 299577
21	66768		PLUG, Oil
22	93585		SCREW -(Crankcase Cover)
25	299566		PISTON ASSEMBLY -(.010 Oversize)
25	299567		PISTON ASSEMBLY -(.020 Oversize)
25	299568		PISTON ASSEMBLY -(.030 Oversize)
25	299573		PISTON ASSEMBLY -(Standard)
26	299743		SET, Ring -(.030 Oversize Chrome)
26	391669		SET, Ring -(Standard)
26	391670		SET, Ring -(.010 Oversize)
26	391671		SET, Ring -(.020 Oversize)
26	391672		SET, Ring -(.030 Oversize)
27	68546		LOCK, Piston Pin
28	295840		PIN, Piston -(Standard)
28	295841		PIN, Piston -(.005 Oversize)



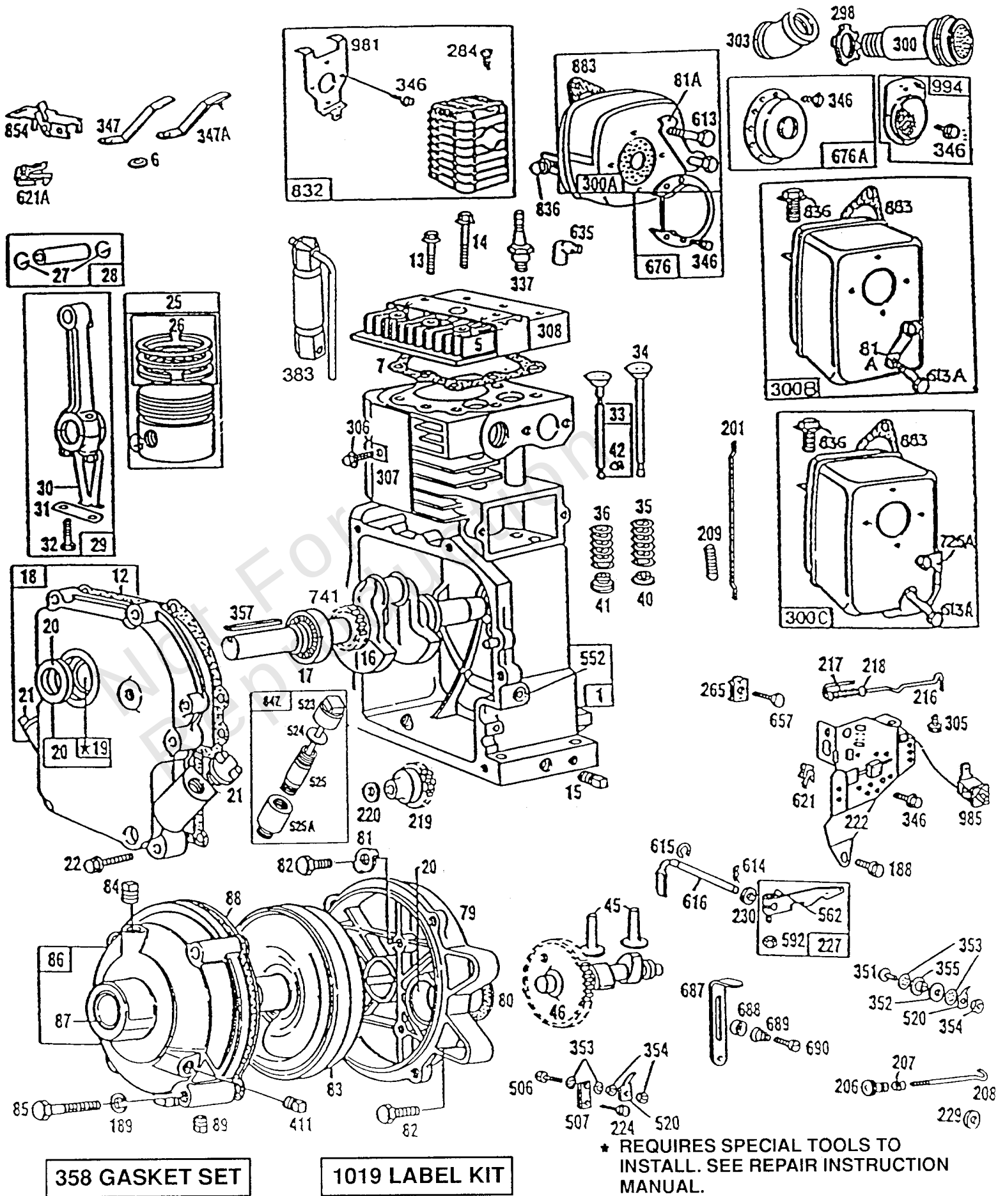
Cylinder, Gear Case, Mufflers

REF NO	PART NO	QTY	DESCRIPTION
29	295838		ROD, Connecting -For Connecting Rod With .020 Undersize Crankpin Bearing-Order No. 298788
30	223568		DIPPER, Connecting Rod
31	220811		LOCK, Rod Screw
32	92659		SCREW -(Connecting Rod)
33	390419		VALVE, Exhaust -(Includes Retainer(s))
34	261055		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	260933		TAPPET, Valve
46	211689		CAMSHAFT
79	296179		CASE, Gear Reduction
80	27884		GASKET, Gear Cover/Housing
81A	222263		LOCK, Muffler Screw -(3/8 Diameter Bolt Holes)
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)
189	90366		WASHER
201	260872		LINK, Throttle
206	230149		NUT, Governor Adjusting -(5-44) -Used Before Code Date 83121600
206	231266		NUT, Governor Adjusting -(6-32) -Used After Code Date 83121500
207	26855		SPRING, Governor Link
208	230841		ROD, Governor Control -Used Before Code Date 83121600
208	261959		ROD, Governor Control -Used After Code Date 83121500
209	260695		SPRING, Governor
216	261122		LINK, Choke -Used Before Code Date 83121600
216	262026		LINK, Choke -Used After Code Date 83121500



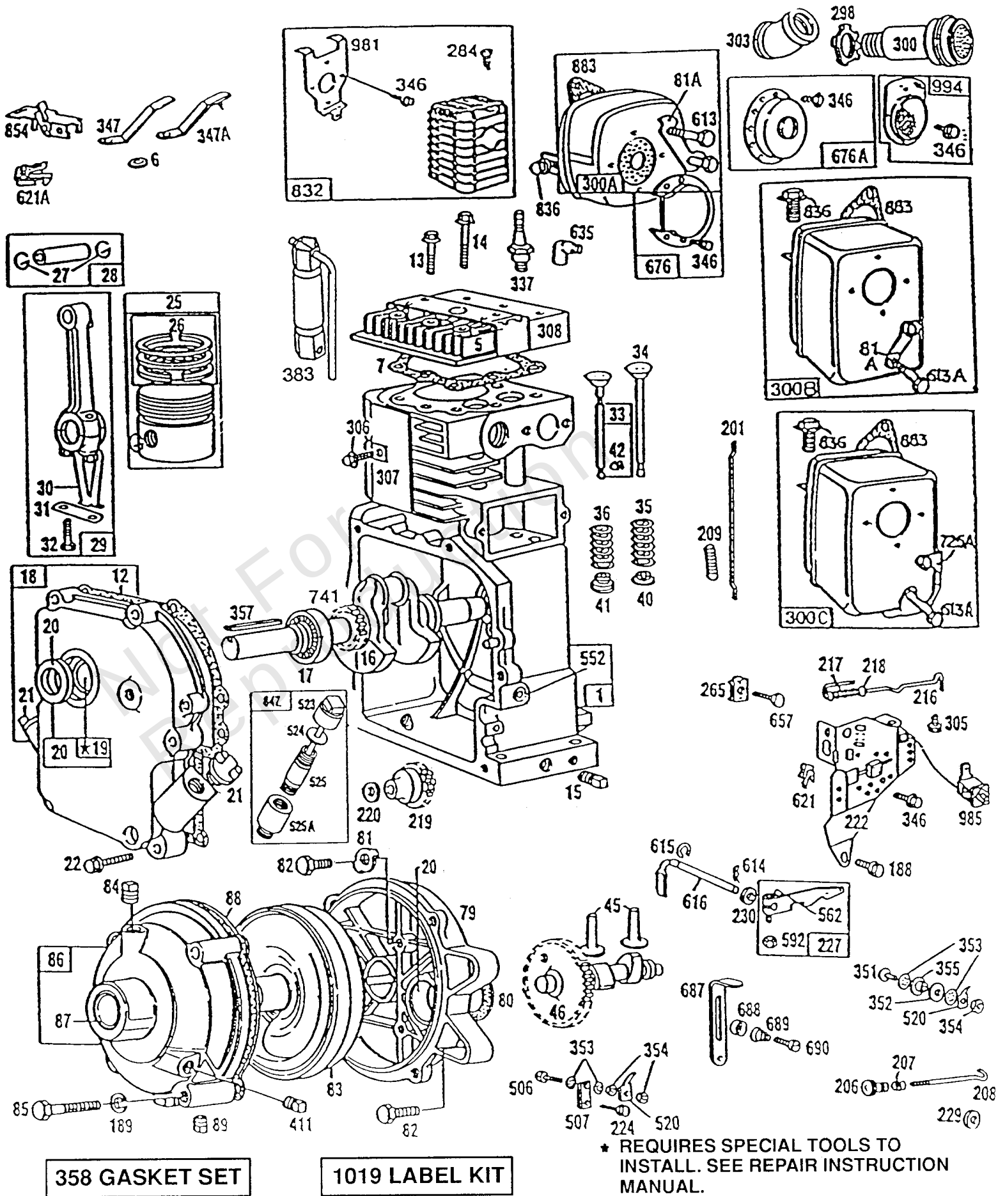
Cylinder, Gear Case, Mufflers

REF NO	PART NO	QTY	DESCRIPTION
217	261119		SPRING, Choke Return
218	222352		WASHER
219	391737		GEAR, Governor -Used Before Code Date 91061000
219	494845		GEAR, Governor -Used After Code Date 91060900
220	221551		WASHER -(Governor Lever)
222	390670		BRACKET, Control -Used Before Code Date 83121600
222	399150		BRACKET, Control -(Choke-A-Matic) -Used After Code Date 83121500
222	399151		BRACKET, Control -(Manual Choke) -Used After Code Date 83121500
222	399156		BRACKET, Control -Used After Code Date 83121500
224	93067		SCREW -(3/8)
227	391965		LEVER, Governor Control -(1/4 Diameter)
229	220680		WASHER
230	222450		WASHER
265	221535		CLAMP, Casing -(Stamped Steel)
284	94271		SCREW
298	261409		LOCKNUT -(Muffler and Elbow)
300A	492337		GUARD, Muffler -Uses: 93606 Screw-Guard to Muffler
300C	399355		MUFFLER
300B	398200		MUFFLER
300A	391313		MUFFLER
300	393010		MUFFLER -(Round Lo Tone)
303	91246		ELBOW, Exhaust -(45 Degree)
305	93158		SCREW -(1/4-20 X 5/8)
306	222830		SHIELD, Cylinder
307	93949		SCREW
308	222636		COVER, Cylinder Head
337	293918		PLUG, Spark
337	298809		PLUG, Spark
337	492167		PLUG, Spark
346	93705		SCREW -(8-32 X 3/8)
347A	298926		SWITCH, Spark Plug Stop
347	220197		SWITCH, Stop -(1-1/2 High, 38 Mm. Spark Plugs) Uses: 22963 Washer
351	91920		SCREW -(8-32 X 5/8)
351	93735		SCREW
352	66068		WASHER -(Fiber)
353	92791		WASHER



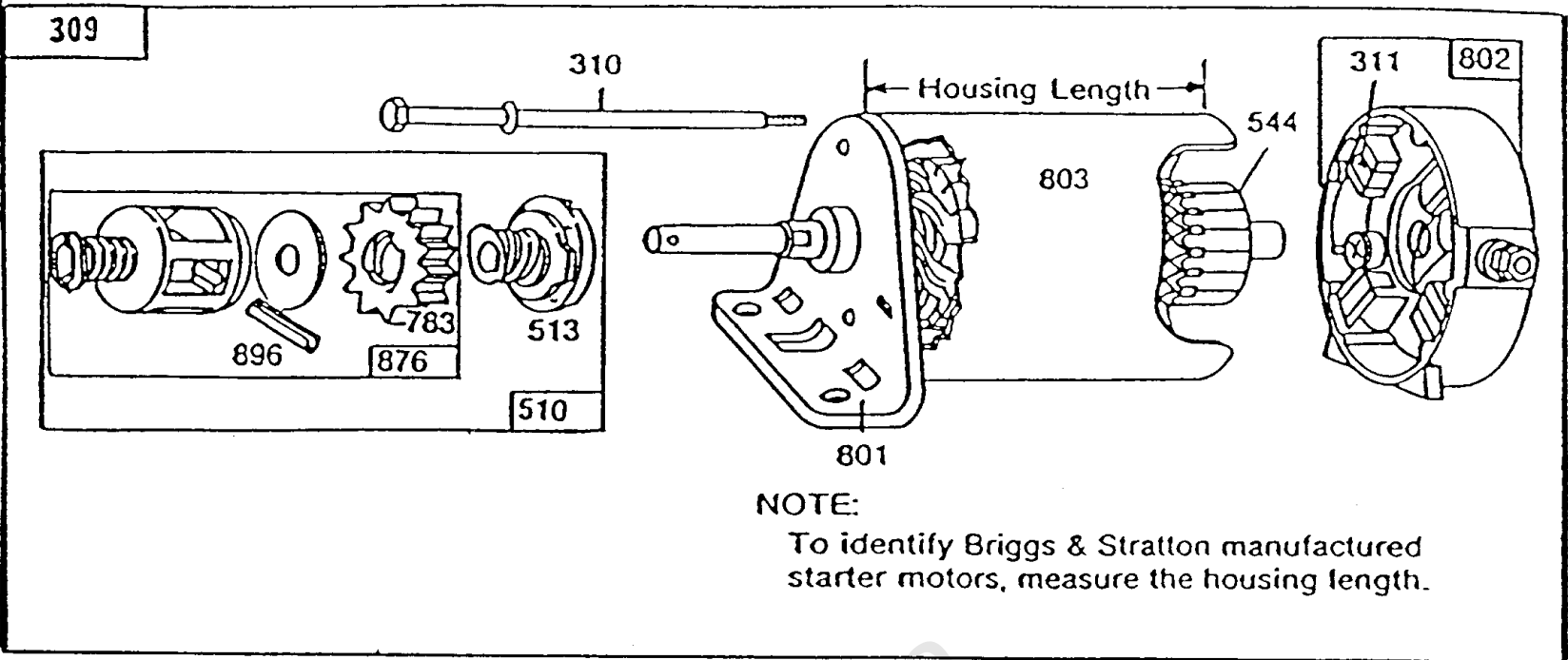
Cylinder, Gear Case, Mufflers

REF NO	PART NO	QTY	DESCRIPTION
354	90576		NUT -(Ground Terminal)
355	66554		WASHER -(Insulating)
357	91540		KEY, Drive Pulley -(1/4)
358	299577		GASKET SET, Engine
383	89838		WRENCH, Spark Plug
411	93448		PLUG, Oil Drain -(Flush) (1/4-18 NPTF) (Flush) (1/4 18 NPTF)
506	90200		SCREW -(8-32 X 1/2)
507	66895		INSULATOR
520	93722		TERMINAL, Ground
523	295923		CAP, Oil Fill -Uses: 65304 Gasket
523	297357		DIPSTICK/CAP ASSEMBLY
524	65304		SEAL, O-Ring -(Dipstick Cap)
525A	394884		TUBE, Dipstick
525	230553		PIPE, Oil -(5-1/4)
525	91258		TUBE, Dipstick -(2 1/2)
552	491893		BUSHING, Governor Crank -(Includes Seal, Ref. 87)
592	231082		NUT -(Governor Control)
613A	94054		SCREW -(Muffler)
613	93704		SCREW -(Muffler) -Used Before Code Date 82091300
613	94042		SCREW -(Muffler)
614	93306		PIN, Cotter
615	93307		RETAINER, Governor Shaft
616	231057		CRANK, Governor -(1/4 Diameter)
621A	297472		SWITCH, Stop
621	297472		SWITCH, Stop -Used Before Code Date 85041500
621	396847		SWITCH, Stop -Used After Code Date 85041400
635	66538		BOOT, Spark Plug
657	93496		SCREW -(10-32 X 5/8)
676A	395700		DEFLECTOR, Muffler -(Direct Outlet)
676	393757		DEFLECTOR, Muffler -(Side Outlet)
687	390690		SLIDE, Control
688	221766		SPRING, Friction
689	260847		SPRING, Friction
690	90746		SCREW -(10-32 X 5/8)
725A	223645		SHIELD, Heat
741	261195		GEAR, Timing -(Pin)



Cylinder, GearCase, Mufflers

REF NO	PART NO	QTY	DESCRIPTION
741	262479		GEAR, Timing -(Key)
832	398779		GUARD, Muffler
836	93559		SCREW -(Tank) (Fuel Tank)
854	392884		BRACKET, Stopswitch
883	270918		GASKET, Exhaust
981	223373		BRACKET, Muffler Guard
985	398525		INSULATOR
994	399541		ARRESTOR, Spark
1019	491103		KIT, Label

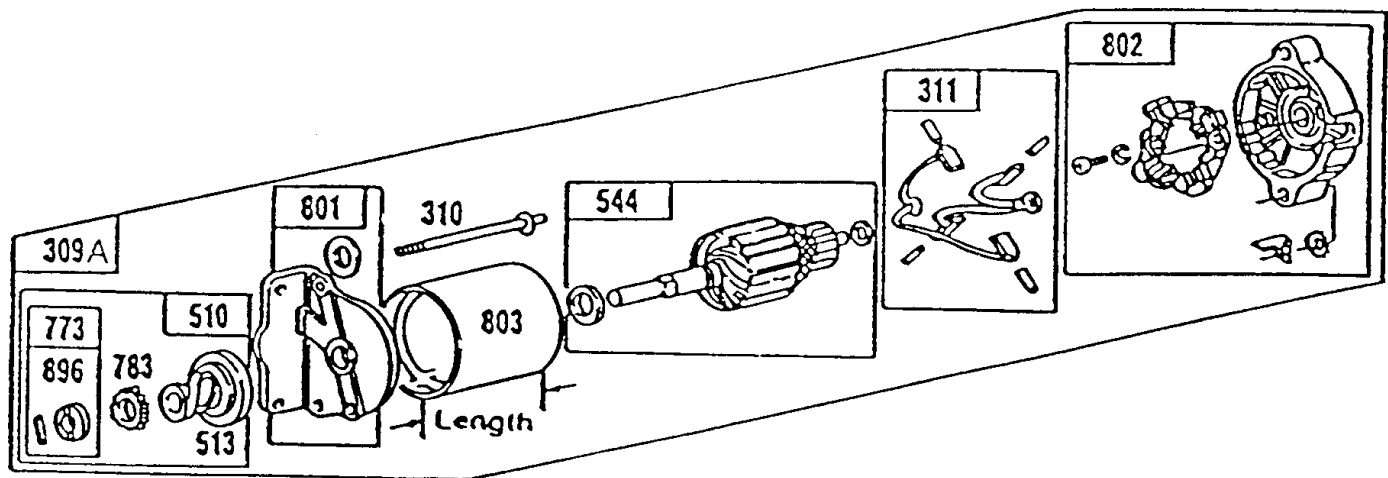


Reference Number		309	310	311	510	544	801	802	803
Manufacturer		Motor and Drive Ass'y.	Thru Bolt Assembly	Brush Assembly	Drive Assembly	Armature Assembly	Drive End Cap Assembly	End Cap Ass'y. Commutator	Housing Assembly
Briggs & Stratton	Housing Length								
12V	3-21/32"	394805	94003	395538	490421**	390837	394856	395537*	398159

*Includes Brush Set
**Includes #398003 Clutch Assembly (Ref. No. 513)
#280104 Gear (Ref. No. 783)
#490467 Retainer and Pin (Ref. No. 876)
94288 Roll Pin (Ref. No. 896)

Electric Start and Chart

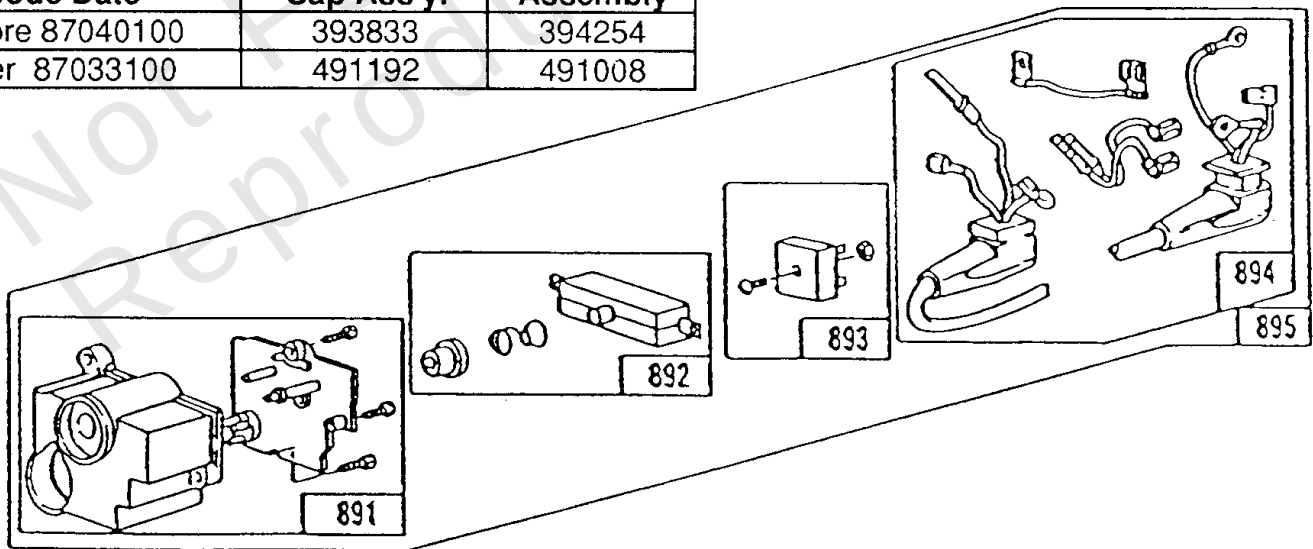
REF NO	PART NO	QTY	DESCRIPTION
309	393851		MOTOR, Starter -(3 1/2 Housing) (Briggs & Stratton 110V)
309	394805		MOTOR, Starter -(3 1/16 Housing)
310	93934		SCREW -(3 1/2 Housing)
310	94003		SCREW -(3 5/8 Housing)
311	393612		SET, Brush -(3 1/2 Housing) (110V)
311	395538		SET, Brush -(3-5/8 or 4 3/8 Housing)
510	391461		DRIVE, Starter -(3 1/2 Housing) Includes #398003 Clutch Assembly (Ref. No. 513) #280104 Gear (Ref. No. 783) #391462 Retainer and Pin (Ref. No. 773) # 94192 Roll Pin (Ref. No. 896)
510	490421		DRIVE, Starter -Includes #398003 Clutch Assembly (Ref. No. 513) #280104 Gear (Ref. No. 783) #490467 Retainer and Pin (Ref. No. 876) # 94288 Roll Pin (Ref. No. 896) (3-21/32 or 4 9/16 Housing)
544	390837		ARMATURE, Starter -(3 5/8 Housing)
544	393607		ARMATURE, Starter -(3 1/2 Housing) (110V)
801	393389		CAP, Drive -(3 1/2 Housing) (Briggs & Stratton 120V)
801	394856		CAP, Drive
802	393833		CAP, End -(3 1/2 Housing) (Briggs & Stratton 110V) -Used Before Code Date 87040100
802	395537		CAP, End -(3 5/8 Housing) Includes Brush Set
802	491192		CAP, End -(3 1/2 Housing) (Briggs & Stratton 110V) -Used After Code Date 87033100
803	394254		HOUSING, Starter
803	398159		HOUSING, Starter -(3 5/8 Housing)
803	491008		HOUSING, Starter -(3 1/2 Housing) (Briggs & Stratton 110V)



Reference Number		309	310	311	510	544	801
Manufacturer		Motor and Control Ass'y.	Thru Bolt	Brush Assembly	Drive Assembly	Armature Assembly	Drive End Cap Assembly
Briggs & Stratton	Housing Length						
120V	3-1/2"	393851	93934	393612	391461*	393607	393389

*Includes #398003 Clutch Assembly (Ref. No. 513)
#280104 Gear (Ref. No. 783)
#391462 Retainer and Pin (Ref. No. 773)
94192 Roll Pin (Ref. No. 896)

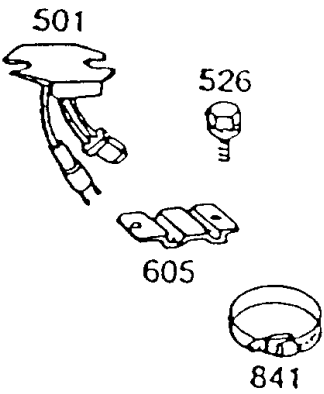
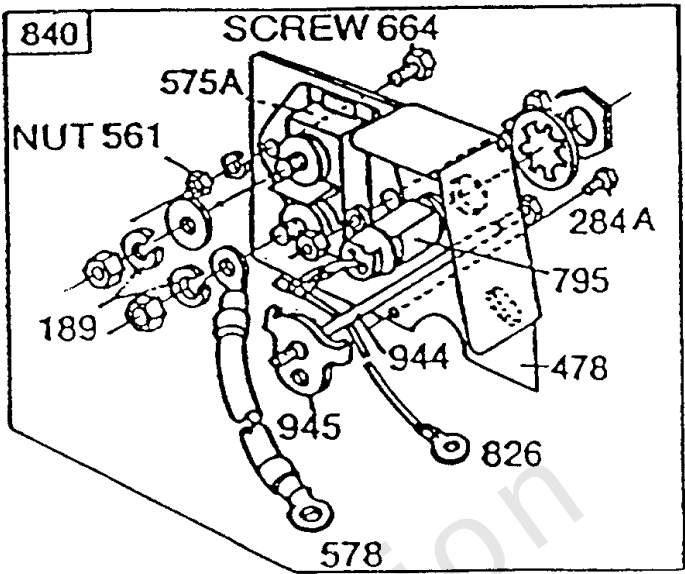
Reference Number	802	803
Code Date	Comm. End Cap Ass'y.	Housing Assembly
Before 87040100	393833	394254
After 87033100	491192	491008



Reference Number	891	892	893	894	895
Manufacturer	Housing Group	Switch Group	Rectifier Group	Lead Group	Control Group
Briggs & Stratton					
120V	393705	393708	393707	393706	393486

Electric Starter, Starter

REF NO	PART NO	QTY	DESCRIPTION
309A	MOTOR-STARTING		MOTOR, Starter -(120 Volt) See Chart on Illustrated Pages for Replacement Parts for Starting Motors
310	93934		SCREW -(3 1/2 Housing)
310	94003		SCREW -(3 5/8 Housing)
311	393612		SET, Brush -(3 1/2 Housing) (110V)
311	395538		SET, Brush -(3-5/8 or 4 3/8 Housing)
510	391461		DRIVE, Starter -(3 1/2 Housing) Includes #398003 Clutch Assembly (Ref. No. 513) #280104 Gear (Ref. No. 783) #391462 Retainer and Pin (Ref. No. 773) # 94192 Roll Pin (Ref. No. 896)
510	490421		DRIVE, Starter -Includes #398003 Clutch Assembly (Ref. No. 513) #280104 Gear (Ref. No. 783) #490467 Retainer and Pin (Ref. No. 876) # 94288 Roll Pin (Ref. No. 896) (3-21/32 or 4 9/16 Housing)
544	390837		ARMATURE, Starter -(3 5/8 Housing)
544	393607		ARMATURE, Starter -(3 1/2 Housing) (110V)
801	393389		CAP, Drive -(3 1/2 Housing) (Briggs & Stratton 120V)
801	394856		CAP, Drive
802	393833		CAP, End -(3 1/2 Housing) (Briggs & Stratton 110V) -Used Before Code Date 87040100
802	395537		CAP, End -(3 5/8 Housing) Includes Brush Set
802	491192		CAP, End -(3 1/2 Housing) (Briggs & Stratton 110V) -Used After Code Date 87033100
803	394254		HOUSING, Starter
803	398159		HOUSING, Starter -(3 5/8 Housing)
803	491008		HOUSING, Starter -(3 1/2 Housing) (Briggs & Stratton 110V)
891	393705		HOUSING, Switch
892	393708		SWITCH, Starting -(Briggs & Stratton 110V)
893	393707		RECTIFIER -(Briggs & Stratton 110V)
894	393706		HARNESS, Wiring -(Briggs & Stratton 110V)
895	393486		SWITCH, Starting -(Briggs & Stratton 120V)



Key Panel

REF NO	PART NO	QTY	DESCRIPTION
189	90366		WASHER
284A	93572		SCREW -(10-32 X 3/8)
478	395410		KIT, Panel
501	394890		REGULATOR -(10, 13, or 16 Amp, Depending on Size of Flywheel Magnets)
526	93343		SCREW -(Control Panel)
561	92278		NUT -(Starting Switch)
575A	299139		SWITCH, Starting
578	392683		CABLE, Starter
605	222934		BRACKET, Mounting
664	93415		SCREW -(1/4-20 X 3/4)
795	392697		SWITCH, Toggle -(Toggle Switch)
826	397674		WIRE, Stop -(Starter Switch to Ground Wire Terminal)
840	395408		KIT, Panel -(Toggle Switch)
840	395409		KIT, Panel -(Key Switch)
841	393514		CLAMP
944	94003		SCREW -(3 5/8 Housing)
945	223159		BRACKET, Starter Motor

Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	20S2320036	1	Replacement Engine
	-----		Top No-Load Speed: 3600 -Trim: ALL
	-----		Service Note: If the replacement engine supersedes to or is a Model 200000 series engine, refer to the illustrations located after the conversion data for this model series.
	-----		Service Note: To make the crankshaft center line the same add 695154 spacer kit, other overall dimensions which differ, are shown in the illustrations.
	-----		Service Note: If after making a visual inspection and it is determined the Model 200000 series engine cannot be used because of equipment interference, the original engine should be repaired with a short block and/or individual parts.
	-----		Service Note: If necessary, to make the original engine crankshaft center line the same add 695154 spacer kit.
	-----		Service Note: For all Go-Karts use only a Model 136200 series engine as a replacement, regardless of the original Model.

