

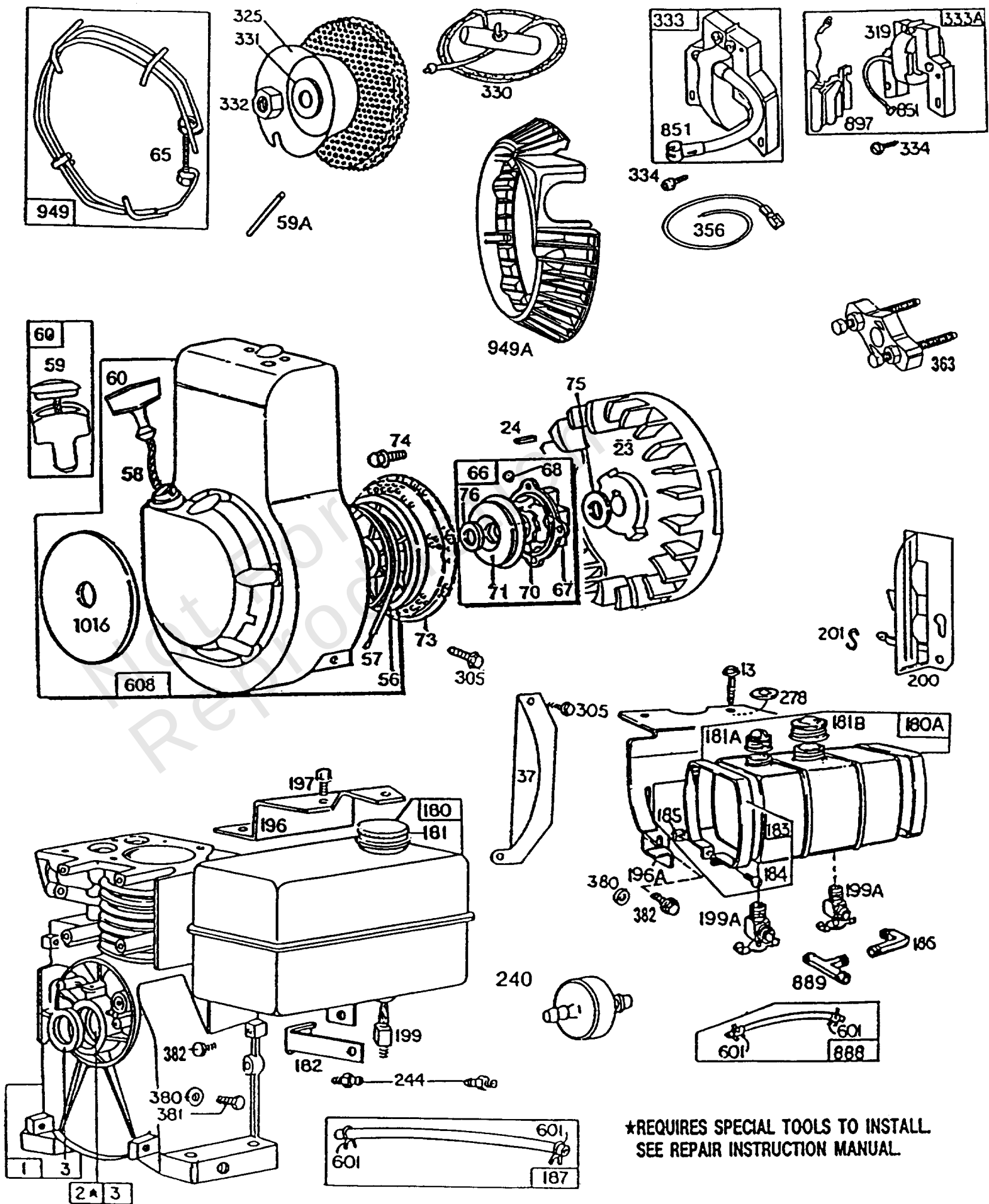


Parts Manual

Mfg. No: 080352-9430-34

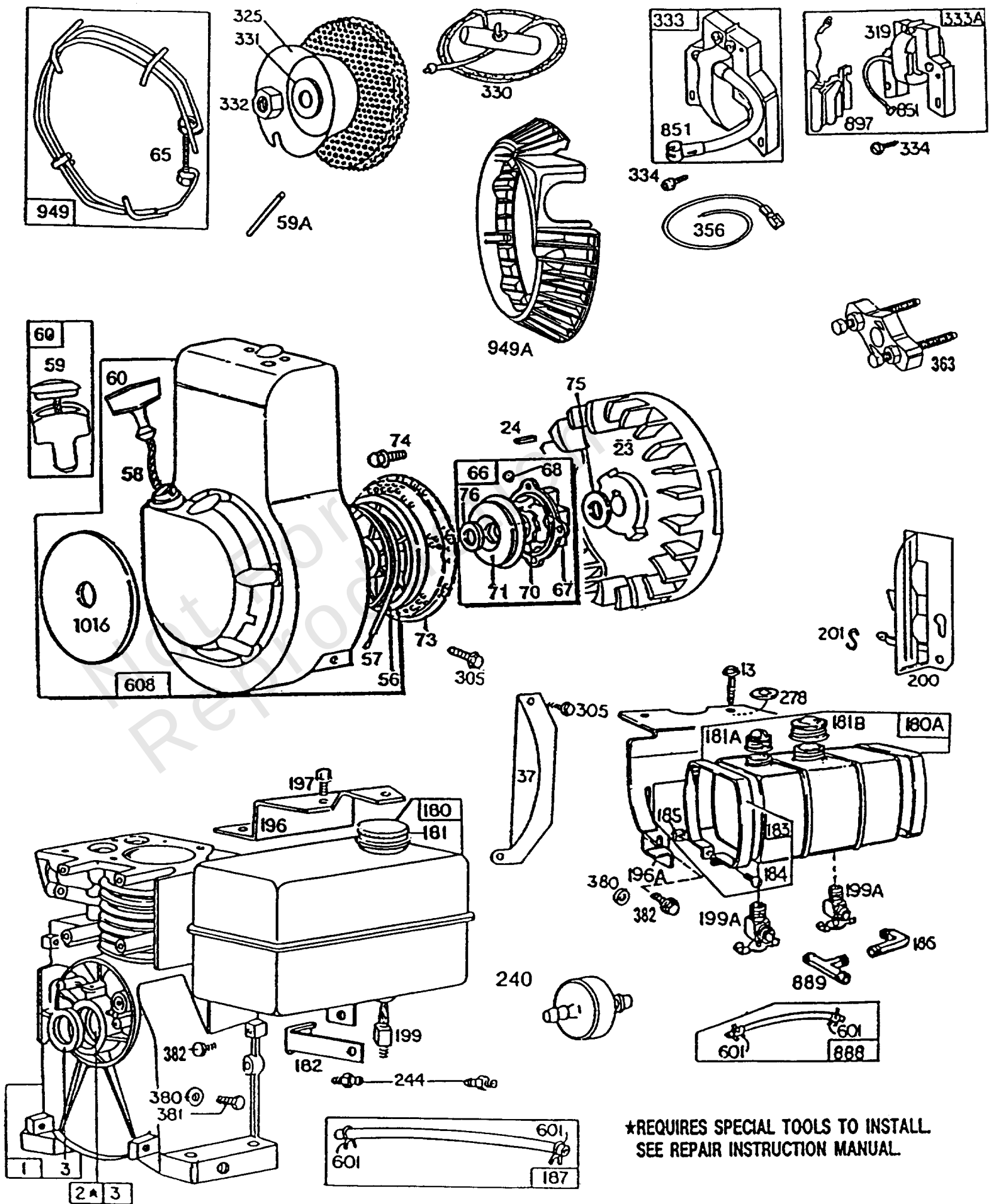
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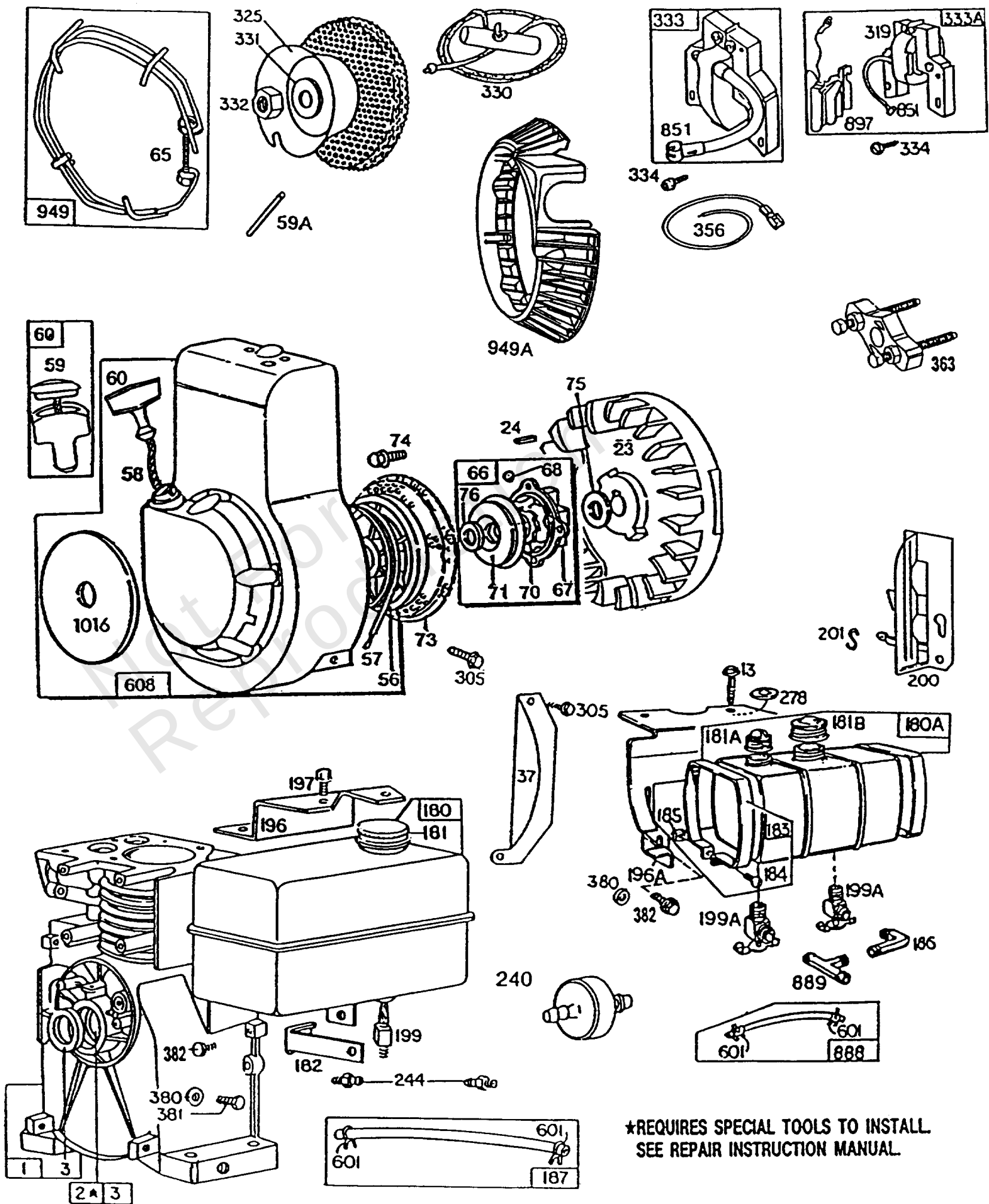
Blower Hsg,Fuel Tanks,Rewind

REF NO	PART NO	QTY	DESCRIPTION
1	395879		CYLINDER ASSEMBLY
2	293708		KIT, Bushing/Seal -(Plain Bearing)
3	299819		SEAL, Oil -(Plain Bearing) Included in Gasket Set-Part No. 397144
13	93583		STUD -(Cylinder Head)
13	94547		SCREW -(Cylinder Head)
24	222698		KEY, Flywheel
37	220971		GUARD, Flywheel
56	280439		PULLEY, Rope Starter
57	490179		SPRING-REWIND STR
58	280406		ROPE, Starter -(Cut To Required Length) Cut to Required Length; If Longer Rope is Needed Order Part No. 280399 and Cut to Required Length.
58	66734		ROPE, Starter -(48-5/8)
59A	230228		PIN, Starter Grip
59	396892		INSERT-GRIP
60	393152		GRIP-STARTER ROPE
65	94124		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	221661		SCREEN, Rotating -(Rewind Starter)
74	93490		SCREW -(Rotating Screen)
75	224061		WASHER -(5/8 Hole)
76	68238		SEAL, Ratchet
180A	392911		TANK, Fuel -(3 Quart Tank) (Kerosene-gasoline)
180	292945		TANK, Fuel -(3 Quart Tank)
181A	392886		CAP, Fuel Tank -(Small) (Kerosene-Gasoline)
181B	392887		CAP, Fuel Tank -(Large) (Kerosene-Gasoline)
181	69221		CAP, Fuel Tank -(1 3/4 O.D. Top)
182	220195		BRACKET, Fuel Tank
183	393181		STRAP, Fuel Tank -(Remote Mount Only)
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)



Blower Hsg,Fuel Tanks,Rewind

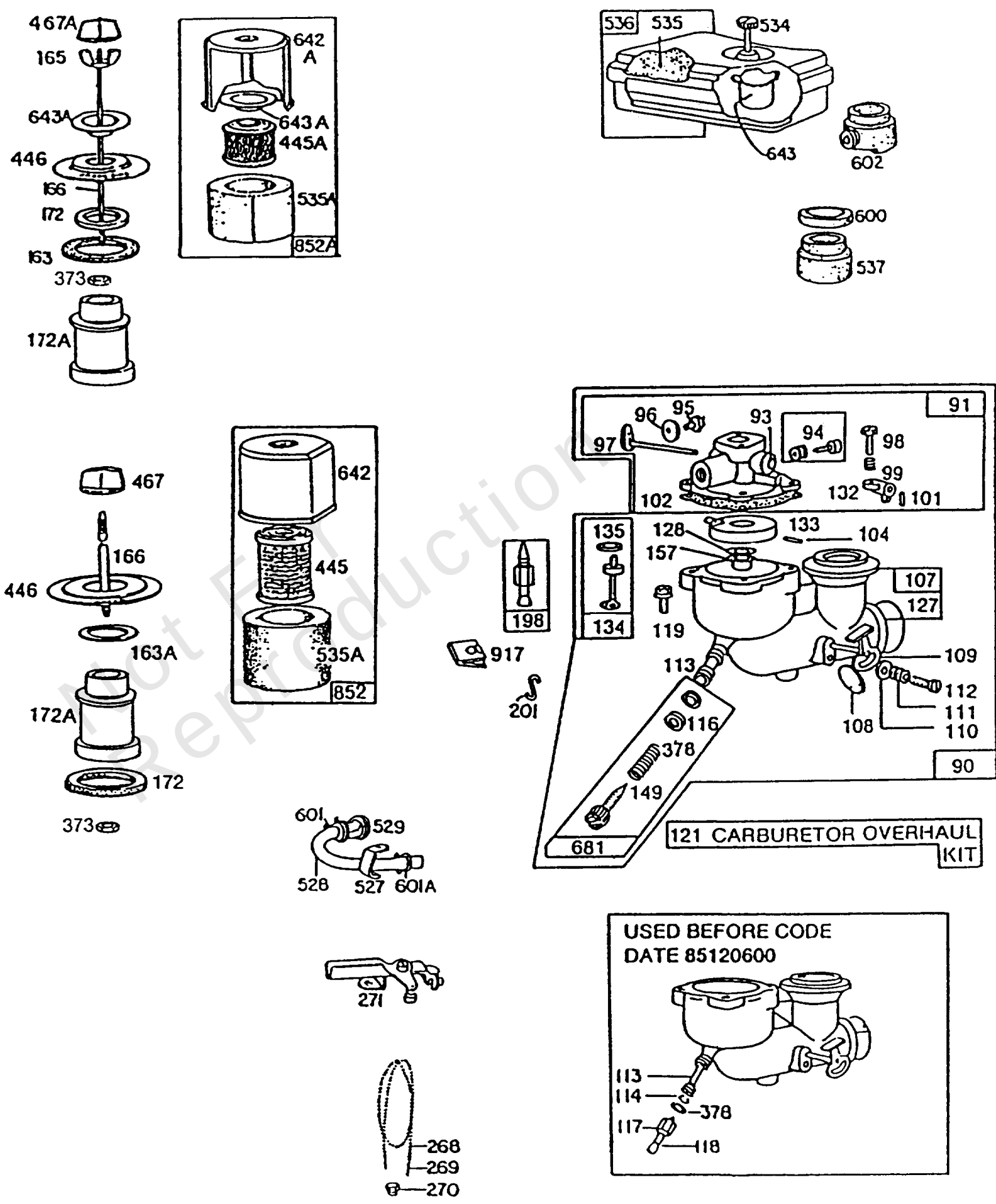
REF NO	PART NO	QTY	DESCRIPTION
187	394302		LINE, Fuel -(Cut To Required Length) Uses: 93807 Clip-Fuel Line Used on Gear Reduction, 12 o'clock Position.
196A	222759		BRACKET, Fuel Tank -(Kerosene-Gasoline)
196	220369		BRACKET, Fuel Tank
197	93083		SCREW
199A	392882		VALVE, Fuel Shut Off -(Kerosene-Gasoline)
199	295896		OUTLET, Tank -(Includes Strainer)
200	490528		BLADE, Governor
201	26235		LINK, Air Vane
240	298090		FILTER, Fuel
244	230318		CONNECTOR, Hose
278	220863		WASHER -(1/4 X 5/8 X 1/32) (1/4 X 5/8 X 1/32)
305	93158		SCREW -(1/4-20 X 5/8)
319	298502		ARMATURE, Magneto -(Points And Condenser)
325	293959		PULLEY, Rope Starter -(1/2 Hole In Pulley) For Rope Starter Pulley With Screen With 5/8 Hole in Pulley, Order Part No. 298731
330	69932		GRIP, Starter Rope
331	224061		WASHER -(5/8 Hole)
332	92284		NUT -(Flywheel)
333A	398593		ARMATURE, Magneto -(Magnetron Ignition)
333	398593		ARMATURE, Magneto -(Magnetron Ignition)
334	93381		SCREW
356	398808		WIRE, Stop -(Cut To Required Length)
363	19069		PULLER, Flywheel
380	62199		WASHER
381	93559		SCREW -(Tank) (Fuel Tank)
382	90832		SCREW -(Blower Housing)
382	92636		SCREW -(1/4-20 X 2)
382	93158		SCREW -(1/4-20 X 5/8)
601	93053		CLAMP, Hose -(Green)
608	398034		STARTER, Rewind -(10 O'clock)
851	221798		TERMINAL, Spark Plug
888	393891		LINE, Fuel
889	93915		TEE -(Kerosene-Gasoline)
897	394970		KIT, Magnetron Ignition
949A	281192		GUARD, Rewind -Used After Code Date 91062900
949A	280684		GUARD, Rewind -Used Before Code Date 91070100



Blower Hsg,Fuel Tanks,Rewind

REF NO	PART NO	QTY	DESCRIPTION
949	396579		GUARD, Debris Screen -(Includes Mounting Hardware)
1016	490817		SPACER-REWIND -(Rewind)

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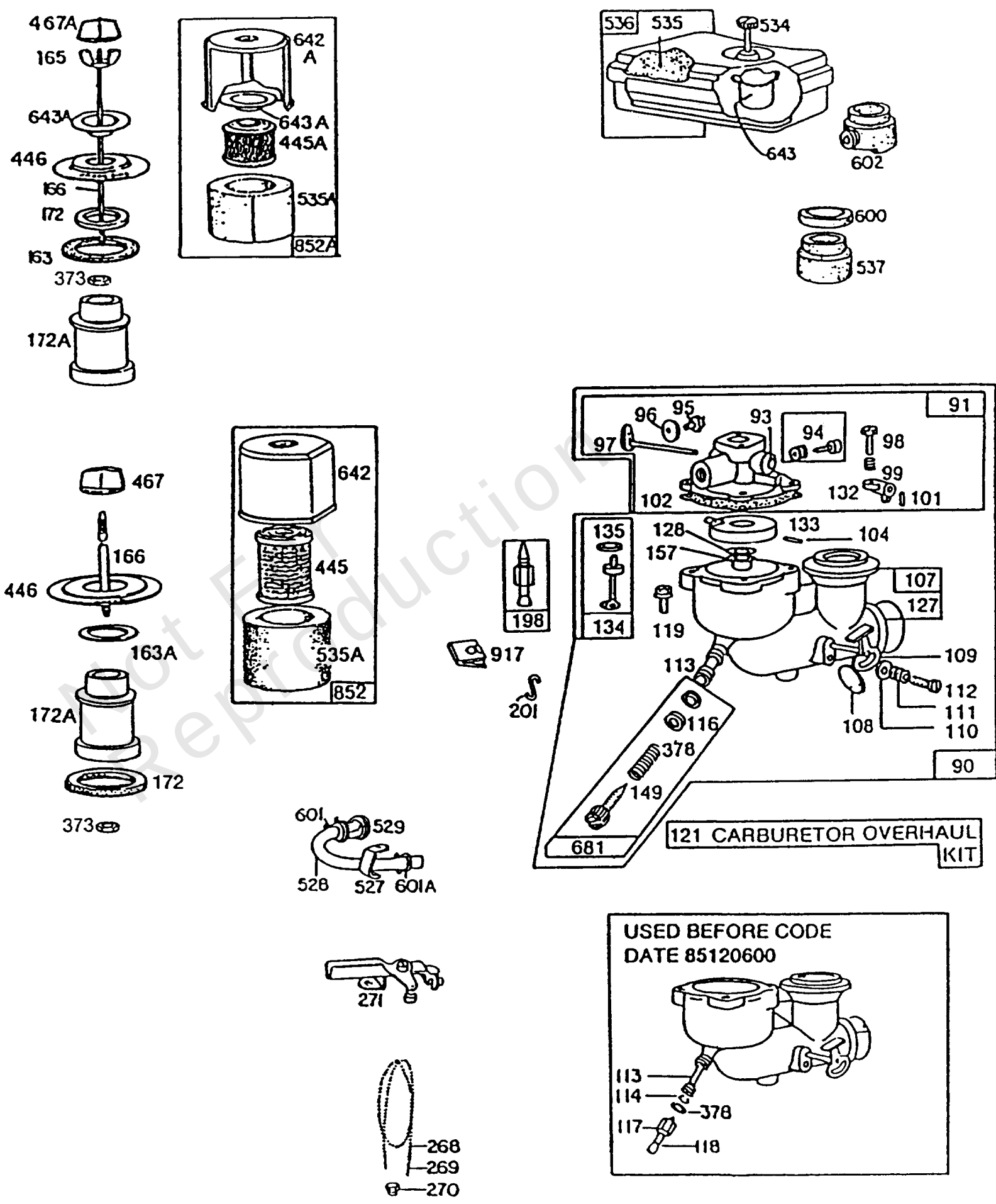


Carburetors and Air Cleaners

REF NO	PART NO	QTY	DESCRIPTION
90	295607		CARBURETOR -(Manual Choke)
91	295608		BODY, Upper Carburetor
93	23230		BUSHING, Throttle Shaft
94	292681		VALVE, Idle Mixture -Included in Carburetor Kit-See Ref. 121
95	93499		SCREW -(Throttle Valve)
96	22036		VALVE, Throttle
97	295436		SHAFT, Throttle
98	91920		SCREW -(8-32 X 5/8)
99	26157		SPRING, Compression -Included in Carburetor Kit-See Ref. 121
101	93043		PIN, Shaft
102	27917		GASKET, Carburetor Body -Included in Carburetor Kit-See Ref. 121
104	23114		PIN, Float Hinge -Included in Carburetor Kit-See Ref. 121
107	295617		BODY, Lower Carburetor -Used Before Code Date 85120600
107	397870		BODY, Lower Carburetor -Used After Code Date 85120500
108	220897		VALVE, Choke
109	294874		KIT, Choke Shaft -(Manual Choke)
110	220899		WASHER -(Choke Lever)
111	26229		SPRING, Choke Return
112	23270		SCREW -(Choke Lever)
113	231359		NOZZLE, Carburetor -Used After Code Date 85120500
113	23222		NOZZLE, Carburetor -Used Before Code Date 85120600
114	68887		PACKING, Needle Valve -Used Before Code Date 85120600
116	280203		SEAL, O-Ring -Used After Code Date 85120500
117	23227		NUT -Used Before Code Date 85120600
118	230005		VALVE, Float Needle -Used Before Code Date 85120600
119	93347		SCREW -(Throttle) (Fuel Pump)
121	291691		KIT, Carburetor Overhaul -Used Before Code Date 85120600
121	398992		KIT, Carburetor Overhaul -Used After Code Date 85120500
127	220352		PLUG, Welch
128	210811		VENTURI, Carburetor
132	61967		STOP, Throttle
133	293477		FLOAT, Carburetor
134	293478		VALVE, Float Needle -Included in Carburetor Kit-See Ref. 121

Footnotes:

Included in Carburetor Kit-See Ref. 121



USED BEFORE CODE
DATE 85120600

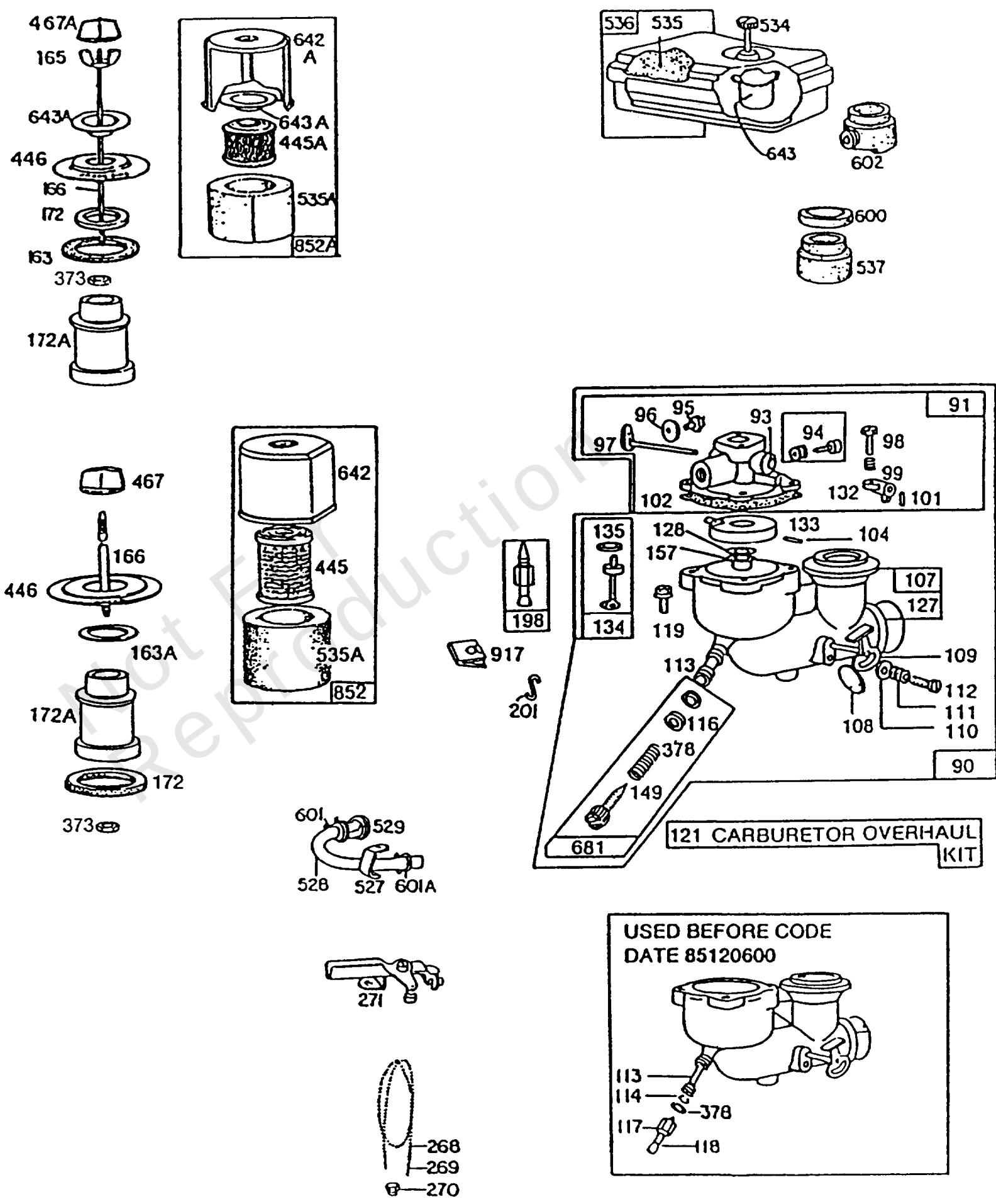
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Carburetors and Air Cleaners

REF NO	PART NO	QTY	DESCRIPTION
135	68877		GASKET, Valve Seat
149	261357		SPRING, Needle Valve -Used After Code Date 85120500
157	27840		GASKET, Venturi
163A	271139		GASKET, Air Cleaner -(Above Spacer)
163	271042		GASKET, Air Cleaner -(Below Spacer) Included in Gasket Set-Part No. 397144
165	93856		NUT -(10-32)
166	231177		STUD -Used Before Code Date 83120103
166	231314		STUD -Used After Code Date 83113003
172A	280213		SPACER, Air Cleaner
172	271077		SPACER, Air Cleaner
198	293934		VALVE, Fuel Shut Off
201	26235		LINK, Air Vane
268	66986		CASING, Control Wire -(Cut To Required Length)
269	26099		WIRE, Control -(Cut To Required Length) If Longer Wire is Needed, Specify Length by Inches; if Shorter Wire is Needed Order Part No. 26099 and Cut to Required Length.
270	63426		NUT -(Control Wire Casing)
271	290568		LEVER, Control
373	92987		STARTER, Rewind
378	22032		WASHER -Included in Carburetor Kit-See Ref. 121
445A	392308		FILTER, A/C Cartridge
445	396424		FILTER, Pre Cleaner
446	222844		BASE, Air Cleaner
467A	212293		KNOB, Choke Shaft
467	212706		KNOB, Choke Shaft
527	220754		CLAMP, Tube
528	230346		TUBE, Breather
529	66578		TUBE, Breather
534	93323		SCREW
535A	271466		FILTER, Pre Cleaner
535	27987		FILTER, Air Cleaner Foam
536	296766		CLEANER, Air
537	27994		GASKET, Air Cleaner -(Air Cleaner)
600	270003		SPACER -(Air Cleaner)
601A	93807		CLAMP, Hose -(Black)
601	93053		CLAMP, Hose -(Green)
602	27666		GASKET, Air Cleaner
642A	222626		COVER, Air Cleaner
642	223306		COVER, Air Cleaner
643A	222845		SUPPORT, Foam Element -(1/2 Deep)

Footnotes:

Included in Carburetor Kit-See Ref. 121



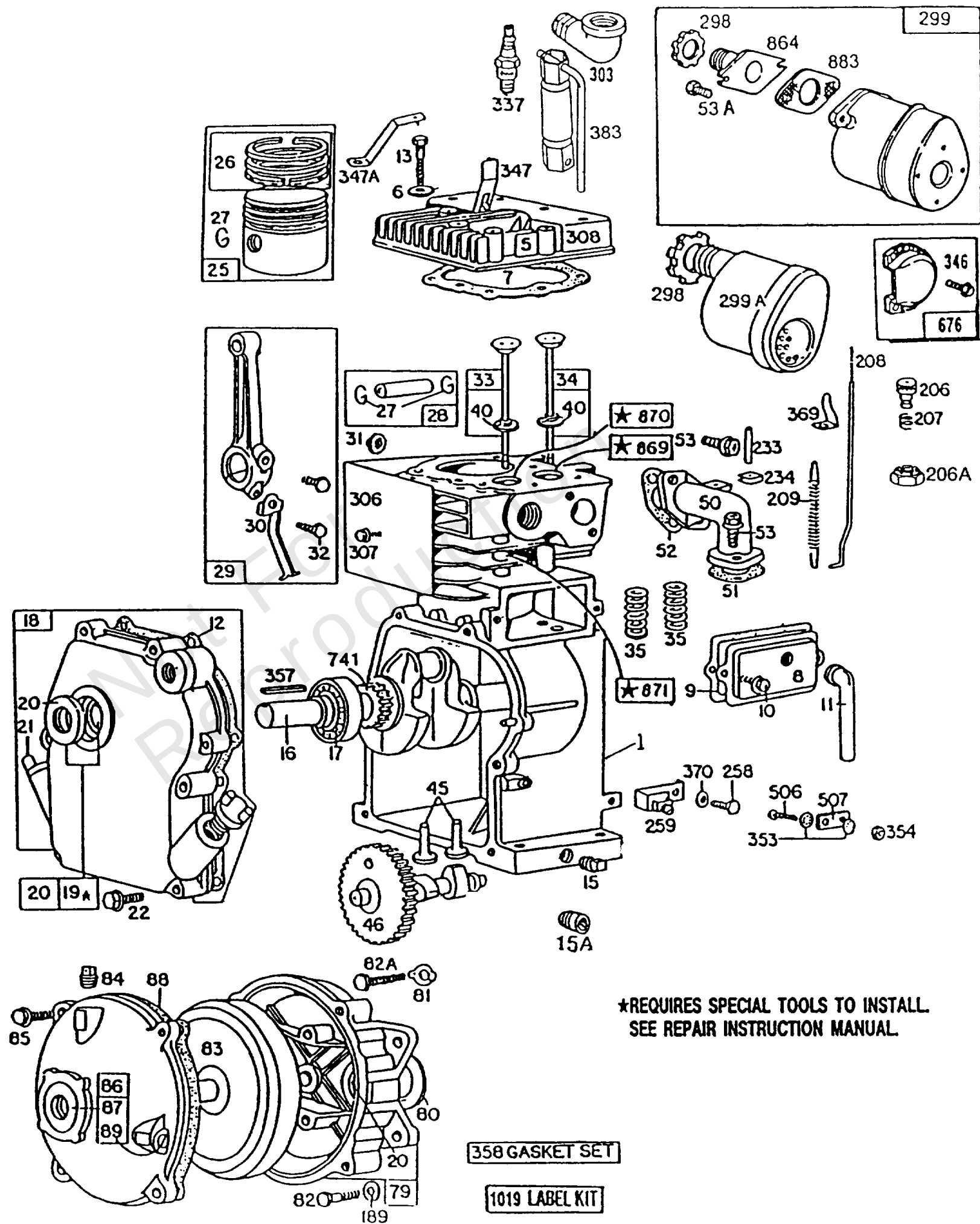
Carburetors and Air Cleaners

REF NO	PART NO	QTY	DESCRIPTION
643	280374		RETAINER, Air Filter
681	399619		VALVE, Float Needle -Included in Carburetor Kit-See Ref. 121
852A	393766		CLEANER, Air -Replaced Air Cleaner Assy. (with mounting stud)
852A	392368		CLEANER, Air
852	396397		CLEANER, Air
917	223271		VALVE, Handle Shutoff

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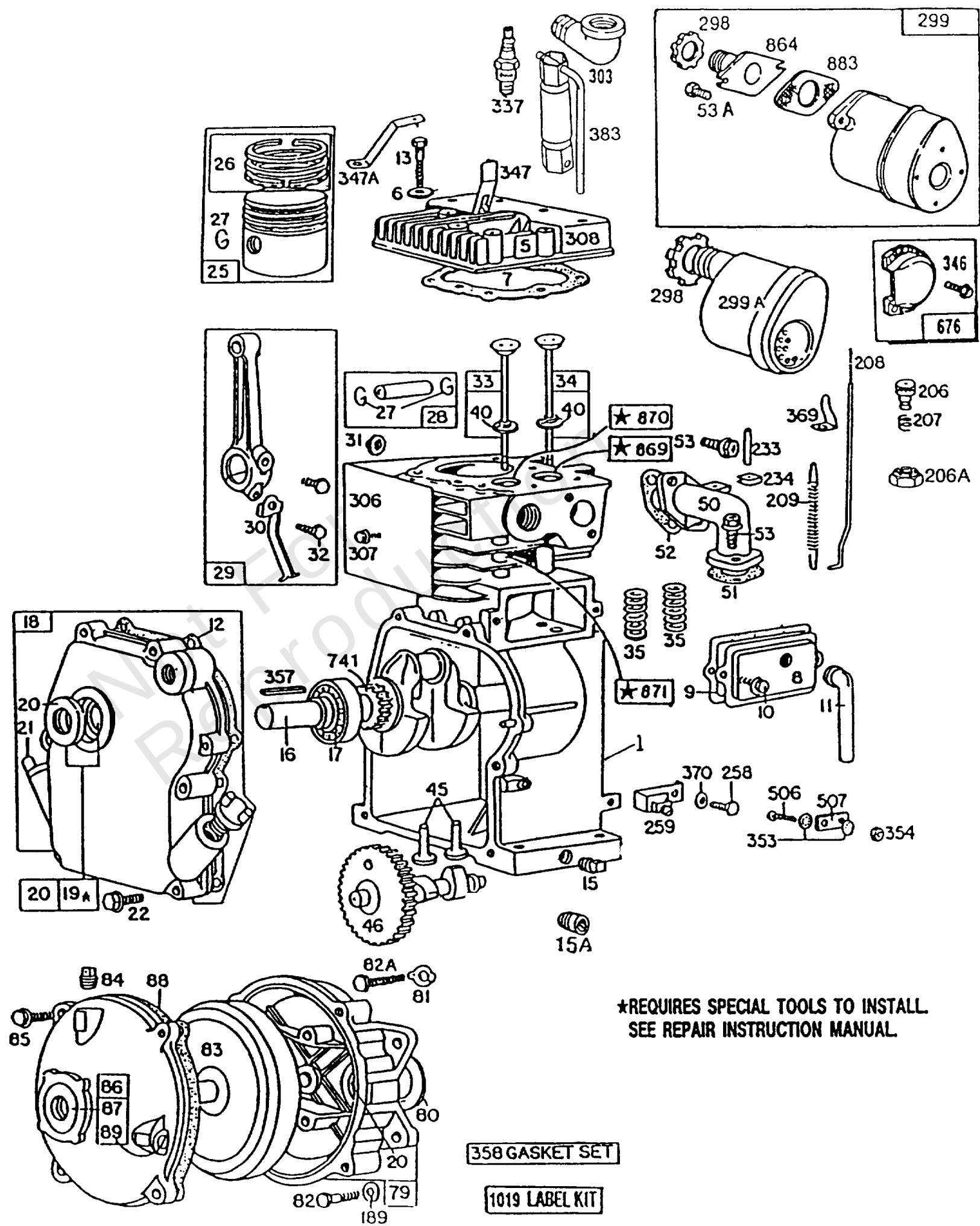
Footnotes:

Included in Carburetor Kit-See Ref. 121



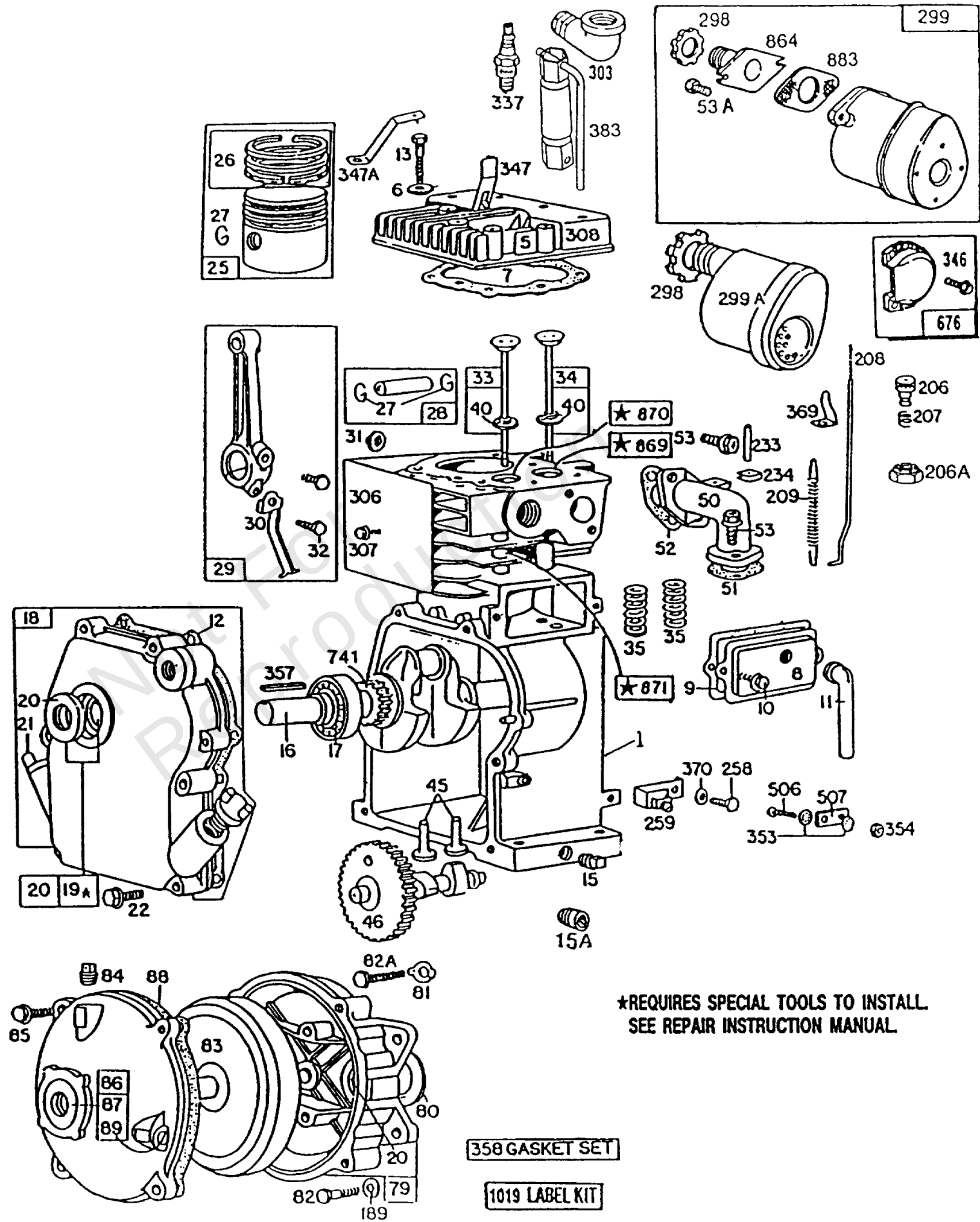
Cylinder,Crankcase,Mufflers

REF NO	PART NO	QTY	DESCRIPTION
1	395879		CYLINDER ASSEMBLY
5	210812		HEAD, Cylinder
6	22963		WASHER
9	27549		GASKET, Rocker Cover -Included in Gasket Set-Part No. 397144
10	94688		SCREW -(Valve Cover)
11	271489		TUBE, Breather -(Rubber Hang Down Tube See Ref. 8 Note)
12	270833		GASKET, Crankcase -(.015) Included in Gasket Set-Part No. 397144
12	270895		GASKET, Crankcase -(.005) Included in Gasket Set-Part No. 397144
12	270896		GASKET, Crankcase -(.009) Included in Gasket Set-Part No. 397144
13	93583		STUD -(Cylinder Head)
13	94547		SCREW -(Cylinder Head)
15A	93448		PLUG, Oil Drain -(Flush) (1/4-18 NPTF) (Flush) (1/4 18 NPTF)
15	91249		PLUG, Oil Drain -(1/4 Square)
17	495484		BEARING, Ball -Used After Code Date 93091400
17	99158		BEARING-BALL -Used Before Code Date 93091500
19	293708		KIT, Bushing/Seal -(Plain Bearing)
21	66768		PLUG, Oil
25	295587		PISTON ASSEMBLY -(Standard)
25	295588		PISTON ASSEMBLY -(2-3/8 Bore)
25	295589		PISTON ASSEMBLY -(2-3/8 Bore)
25	295590		PISTON ASSEMBLY -(2-3/8 Bore)
26	294224		SET, Ring -(.010 Oversize)
26	294225		SET, Ring -(.020 Oversize)
26	294226		SET, Ring -(.030 Oversize)
26	294232		SET, Ring -(Standard)
26	297201		SET, Ring -(Standard)
27	26026		LOCK, Piston Pin
28	298908		PIN, Piston -(.005 Oversize)
28	298909		PIN, Piston
29	294367		ROD, Connecting -(Standard)
29	296079		ROD, Connecting -(.020 Undersize)
30	220670		DIPPER, Connecting Rod
31	222282		WASHER



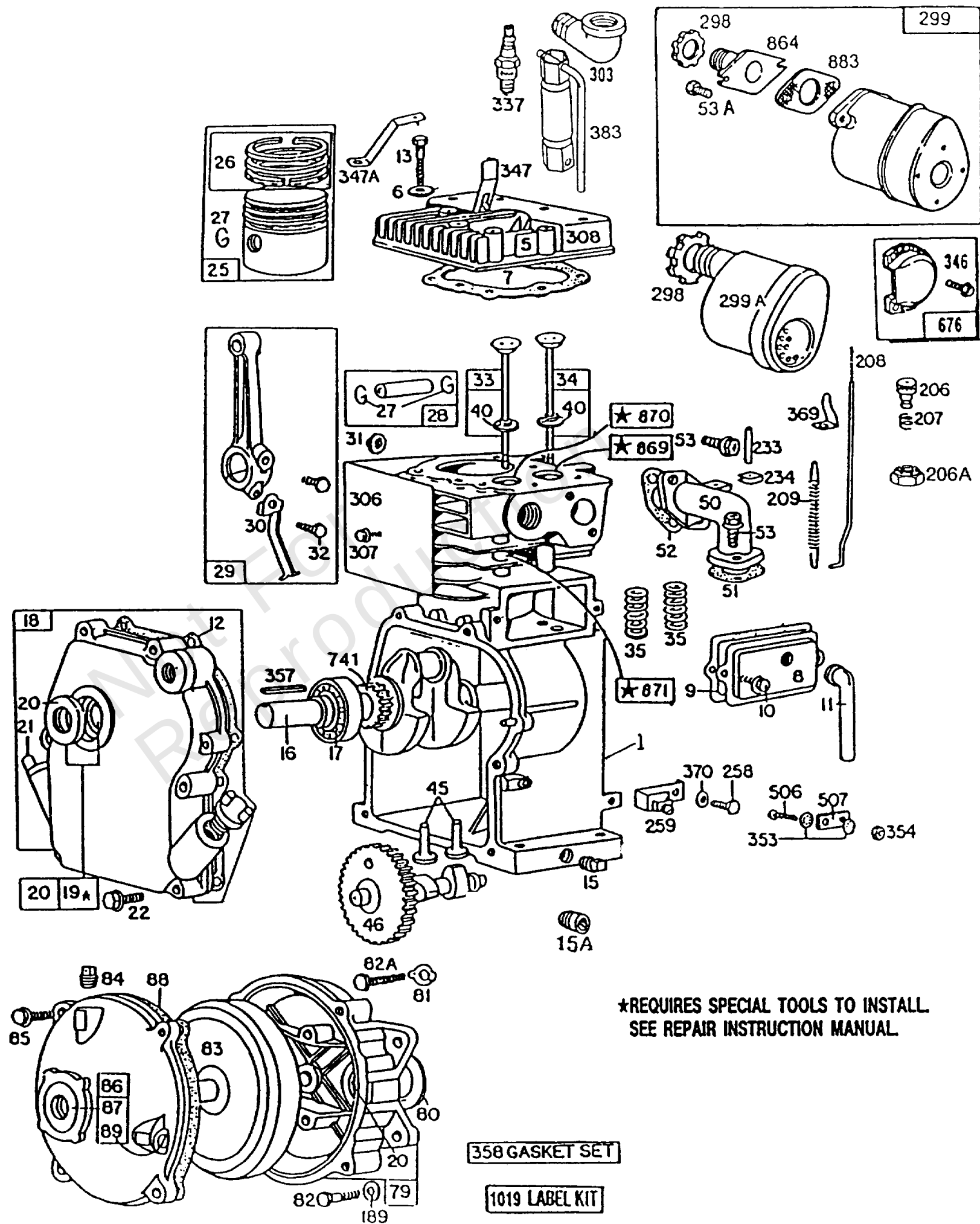
Cylinder,Crankcase,Mufflers

REF NO	PART NO	QTY	DESCRIPTION
32	94404		SCREW -(Connecting Rod)
34	296677		VALVE, Intake -(Grooved stem-includes Retainer)
35	260552		SPRING, Valve -(Exhaust)
35	262750		SPRING, Valve -(Exhaust) -Used After Code Date 90051300
40	230126		PIN, Retainer
40	23184		RETAINER, Valve
40	23187		PIN, Locating -Used on Valves With Hole in Stem Except Those With Rotocap. (Use with valves with hole in stem except with rotocap)
40	292259		RETAINER, Valve -(Exhaust)
40	491442		RETAINER, Valve -(Exhaust) -Used After Code Date 90051300
40	93312		RETAINER, Valve -(Valves With Groove In Stem)
46	491676		CAMSHAFT
50	210810		MANIFOLD, Intake
51	68987		GASKET, Intake -Included in Gasket Set-Part No. 397144. Included in Carburetor Kit-See Ref. 121
52	27355		GASKET, Intake -(2) Included in Gasket Set-Part No. 397144. Included in Carburetor Kit-See Ref. 121
53A	94523		SCREW
53	94442		SCREW
79	290779		CASE, Gear Reduction
80	27667		GASKET, Gear Case
81	220234		LOCK, Muffler Screw
82A	92279		SCREW -(5/16-24 X 1/2)
82	91541		SCREW -(5/16-24 X 7/8)
83	211293		SHAFT, Auxiliary Drive
84	92617		SCREW -(Gear Case)
85	92747		SCREW -(Used on Two Top Holes to Mount Cover)
86	291730		COVER, Gear
87	19011		SEAL, Oil
88	27313		GASKET, Gear Cover/Housing
89	93448		PLUG, Oil Drain -(Flush) (1/4-18 NPTF) (Flush) (1/4 18 NPTF)
189	90366		WASHER
206A	93422		NUT
206	230149		NUT, Governor Adjusting -(5-44)
207	26855		SPRING, Governor Link
208	230194		ROD, Control
209	26925		SPRING, Governor
233	230253		STOP, Shaft -(7/8)
234	220730		CLIP, Control Rod



Cylinder,Crankcase,Mufflers

REF NO	PART NO	QTY	DESCRIPTION
258	93062		SCREW
259	294502		BRACKET, Control
298	220859		LOCKNUT -(Muffler and Elbow)
299A	493288		MUFFLER -(Lo Tone)
299A	493000		MUFFLER -Uses: 94186 Screw (Guard to Muffler Mtg.) 62199 Washer (Guard to Bracket) 93873 Screw (Guard to Bracket Mtg.)
299	493000		MUFFLER -Uses: 93606 Screw (Guard to Muffler Mtg.) 62199 Washer (Guard to Bracket)
299	493288		MUFFLER -(Lo Tone)
303	92989		MANIFOLD, Exhaust -(45 Degree) For Type Nos. Not Listed Below, See Ref. No. 608
306	220478		SHIELD, Cylinder -Used Before Code Date 89102300
306	224377		SHIELD, Cylinder -Used After Code Date 89102200
307	93758		SCREW -(Rotating Screen)
308	223390		COVER, Cylinder Head
337	293918		PLUG, Spark
337	298809		PLUG, Spark
337	492167		PLUG, Spark
337	802592		PLUG, Spark -(Resistor)
346	93705		SCREW -(8-32 X 3/8)
347A	293739		SWITCH, Spark Plug Stop
347A	298926		SWITCH, Spark Plug Stop
347	220884		SWITCH, Stop
347	221808		SWITCH, Stop
353	92791		WASHER
354	90576		NUT -(Ground Terminal)
357	91539		KEY, Drive Pulley -(3/16 Square)
358	397144		SET, Carburetor Gasket -(Rotary Choke)
369	220705		GUIDE, Rod
370	66432		WASHER
383	89838		WRENCH, Spark Plug
506	90200		SCREW -(8-32 X 1/2)
507	66895		INSULATOR
676	393760		DEFLECTOR, Muffler
741	261533		GEAR, Timing -(Plain Bearing 2 Piece Crankshaft)
741	261721		GEAR, Timing -(Ball Bearing)
869	210879		SEAT, Valve -(Intake)
870	211291		SEAT, Valve -(Exhaust)
871	231348		BUSHING-VALVE GUIDE -(Exhaust)



Cylinder,Crankcase,Mufflers

REF NO	PART NO	QTY	DESCRIPTION
871	63709		BUSHING, Valve Guide -(Intake)
1019	491069		KIT, Label

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Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	831520049	1	Replacement Engine
	-----		Service Note: If the replacement engine supersedes to or is a Model 83100 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 that the Model 83100 series engine cannot be used because of equipment interference, the engine should be repaired with a short block and/or individual parts.
	-----		Service Note: Replacement engine listed is not available in the State of California. Repair with individual parts.
	-----		Service Note: For all Go-Karts use only a Model 136200 series engine as a replacement, regardless of the original Model.

