

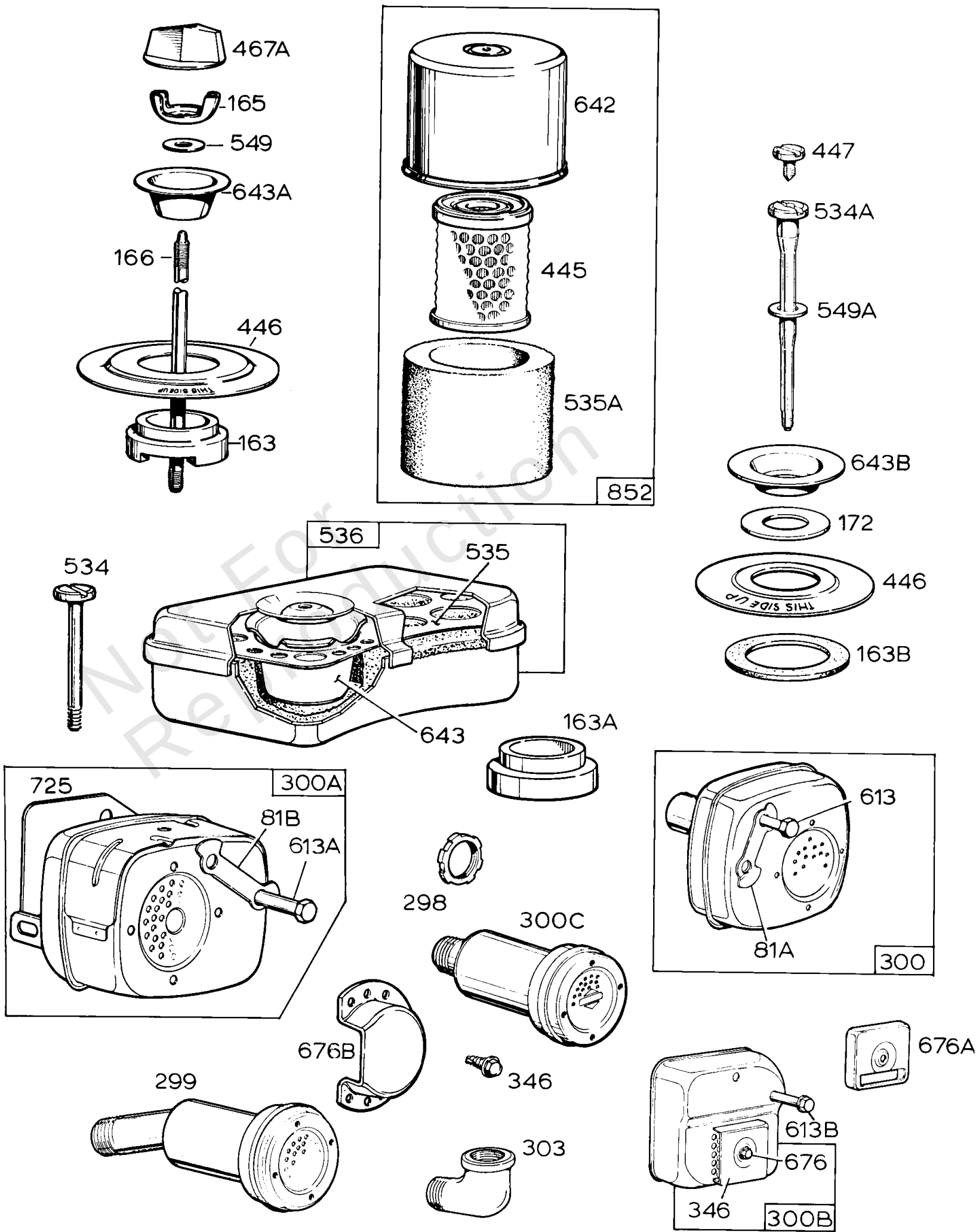


Parts Manual

Mfg. No: 100202-4010-45

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Not For
Reproduction

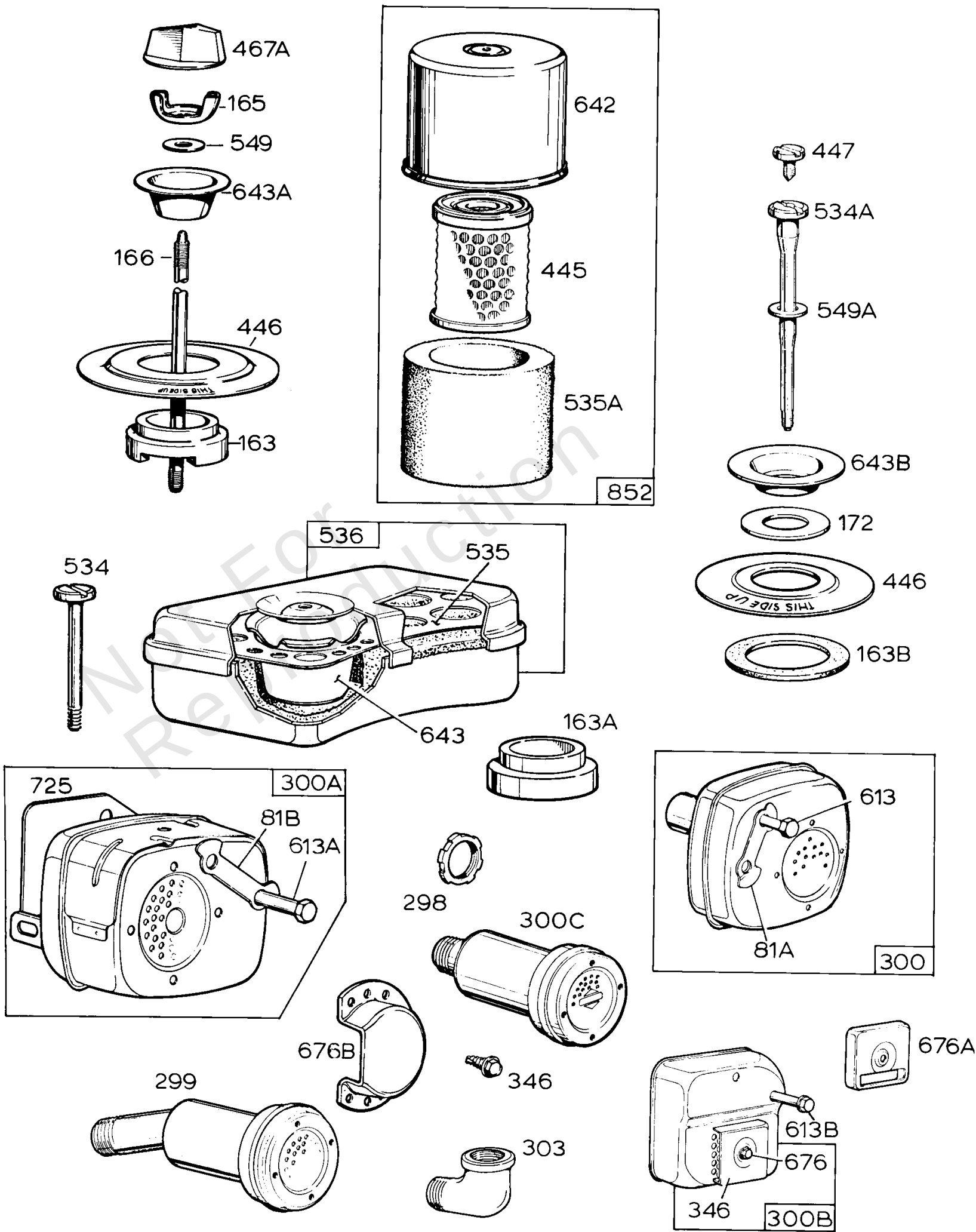


Air Cleaners, Mufflers

REF NO	PART NO	QTY	DESCRIPTION
81A	222929		LOCK, Muffler Screw -(1/4 Diameter)
81B	222263		LOCK, Muffler Screw -(3/8 Diameter Bolt Holes)
163B	271139		GASKET, Air Cleaner -(Above Spacer)
163A	27660		GASKET, Air Cleaner
163	270488		GASKET, Air Cleaner -(Yellow)
165	93856		NUT -(10-32)
166	231176		STUD -(Air Cleaner) (3/16)
172	271077		SPACER, Air Cleaner
298	261409		LOCKNUT -(Muffler and Elbow)
299	393368		MUFFLER -(20 Degree)
300B	297506		MUFFLER -(Direct Outlet)
300A	391313		MUFFLER
300A	391232		MUFFLER -Uses: 93415 Screw (Guard and Retainer Mtg.) 93606 Screw (Guard to Muffler Mtg.)
300C	393010		MUFFLER -(Round Lo Tone)
300	393593		MUFFLER -(Lo Tone) (Includes 270918 Gasket)
303	91464		ELBOW, Exhaust -(90 Degree Street)
346	93705		SCREW -(8-32 X 3/8)
445	392308		FILTER, A/C Cartridge
446	222844		BASE, Air Cleaner
447	93913		SCREW
467A	212293		KNOB, Choke Shaft
534A	93825		SCREW -(Air Cleaner)
534	230741		STUD -(Air Cleaner)
534	93322		SCREW -(1 15/16)
535A	270979		FILTER, Air Cleaner Foam
535	27987		FILTER, Air Cleaner Foam
535	390492		FILTER, A/C Cartridge -Uses: 390588 Cover-Air Cleaner 221969 Support-Air Cleaner
536	297036		CLEANER, Air -(Used with Pull Choke Carburetor-Ref. 90A)
536	299593		CLEANER, Air -Uses: 221634 Cover-Air Cleaner 221969 Support-Air Cleaner
549A	270978		WASHER -(Below Internal Screw Head)
549	271118		WASHER
613A	93704		SCREW -(Muffler)

Footnotes:

(Cables used after this Code Number are integral with the Ignition Coil)

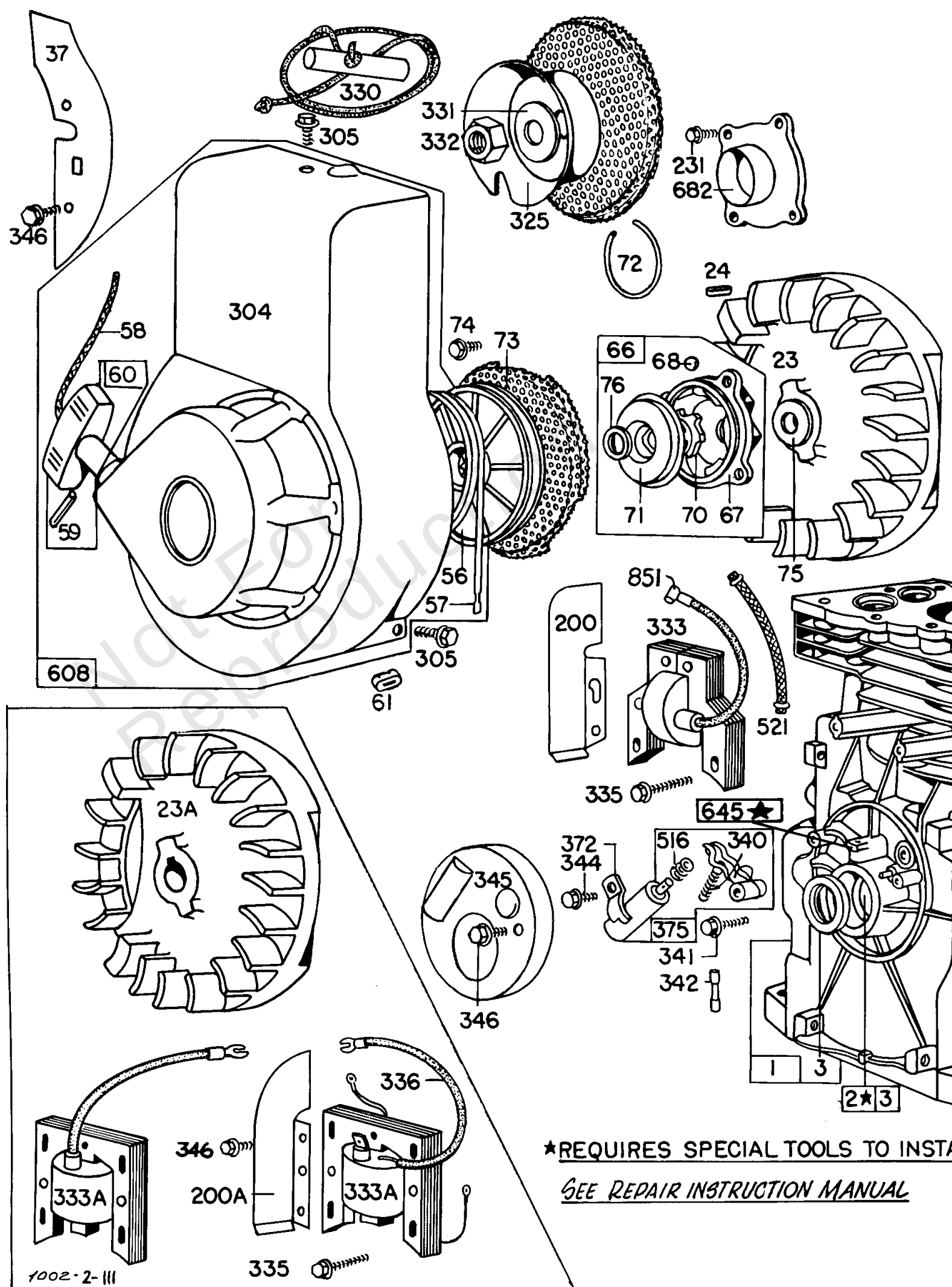


Air Cleaners, Mufflers

REF NO	PART NO	QTY	DESCRIPTION
613B	93377		SCREW -(Muffler)
613	93549		SCREW -(1/4-20)
642	222626		COVER, Air Cleaner
643A	222845		SUPPORT, Foam Element -(1/2 Deep)
643B	222594		SUPPORT, Foam Element -(1/4 Deep)
643	222991		CUP, Air Cleaner
676A	221527		DEFLECTOR, Muffler -(Direct Outlet)
676B	393757		DEFLECTOR, Muffler -(Side Outlet)
676	221488		DEFLECTOR, Muffler -(Side Outlet)
725	221885		SHIELD, Heat
852	392368		CLEANER, Air -For Dual Element Air Cleaner Kit Order No. 393018

Footnotes:

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Blower Hsg,Flywheels,Rewinds

REF NO	PART NO	QTY	DESCRIPTION
1	397412		CYLINDER ASSEMBLY
2	297565		KIT, Bushing/Seal
3	299819		SEAL, Oil -(Plain Bearing)
23A	297348		FLYWHEEL -Used Before Code Date 6308261
23	297229		FLYWHEEL -Used After Code Date 6308231
24	61760		KEY, Flywheel -(Breaker Ignition)
37	222443		GUARD, Flywheel
56	211424		PULLEY, Starter
56	280117		PULLEY, Rope Starter -Used After Code Date 6507211
56	294088		PULLEY, Starter -Used Before Code Date 6507221
56	295871		PULLEY, Starter -(63 Rope)
57	294303		SPRING, Rewind Starter
58	395022		GRIP, Starter Rope -(47-1/8) -Used Before Code Date 6507221
58	66694		ROPE, Starter -(47-1/8) -Used After Code Date 6507211
59	230228		PIN, Starter Grip
60	393152		GRIP-STARTER ROPE
61	68618		BUMPER, Starter Pulley -(Used with Steel Pulley only)
66	298310		CLUTCH, Starter -(Rewind Starter) -Used After Code Date 6405220
66	298798		CLUTCH, Starter -(Rewind Starter) Uses: 212132 Housing-Starter Clutch 298799 Ratchet-Rewind Starter
67	210400		HOUSING, Clutch -Used Before Code Date 6405250
67	212131		HOUSING, Clutch -Used After Code Date 6405220
68	63770		BALL, Clutch
70	296597		RATCHET, Clutch -Used Before Code Date 6405250
70	298436		RATCHET, Clutch -Used After Code Date 6405220
70	298799		RATCHET, Clutch -Uses: 66718 Washer, Thrust, Ratchet 230813 Adapter-Ratchet Spring (engine W/Ring Gear on FW equipped for Elec Start)
71	221301		WASHER -Used Before Code Date 6405250
71	221653		WASHER -Used After Code Date 6405220
72	26032		RETAINER
73	220648		SCREEN, Rotating -Used Before Code Date 6405250

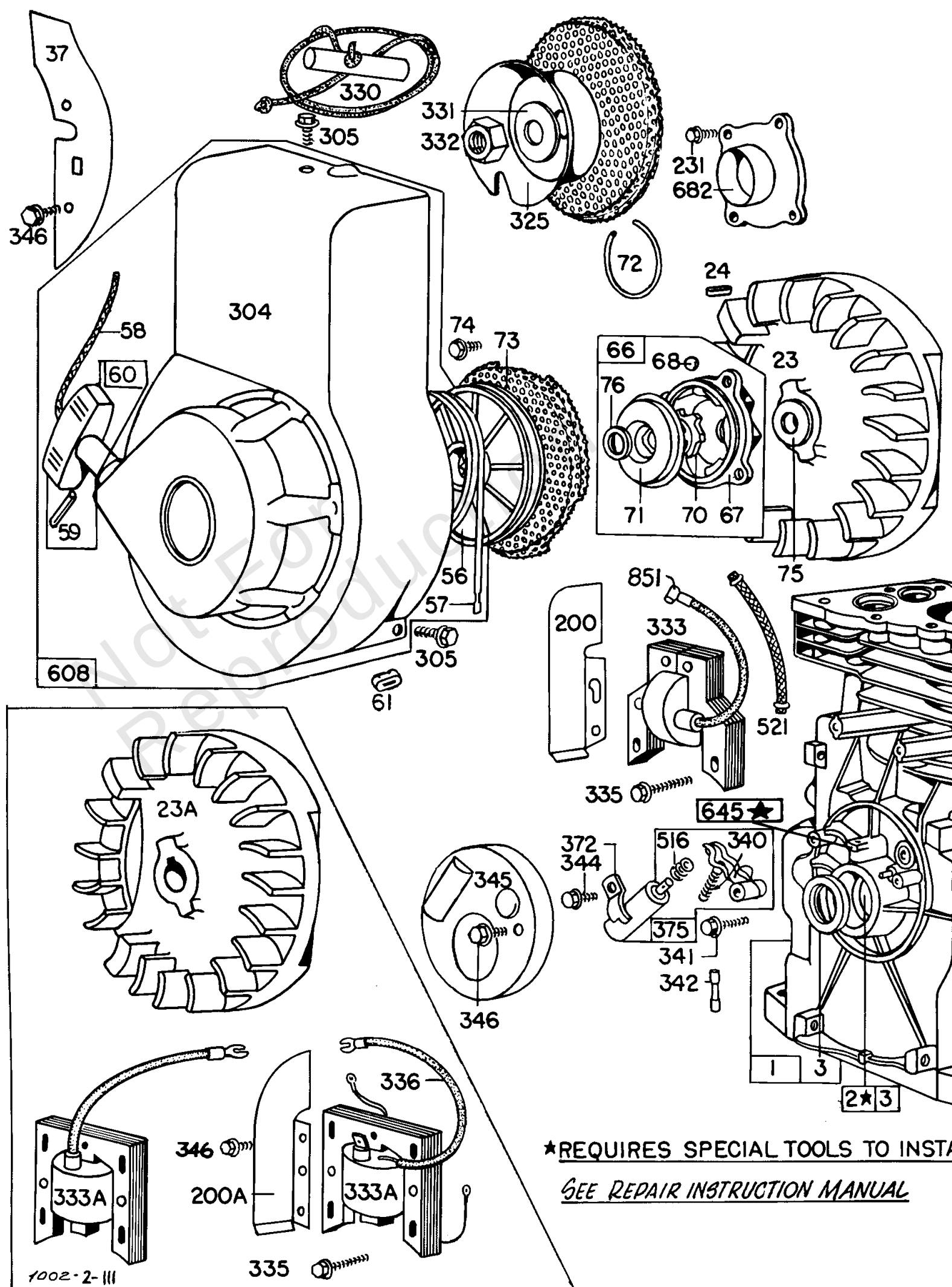
Footnotes:

(Cables used after this Code Number are integral with the Ignition Coil)

For Special See Ref. 66

If longer rope is needed order No. 66684 (used after Code No. 6507211) or No. 66514 (used before Code No. 6507221) and cut to required length.

Cables used after this serial number are integral with the ignition coil



Blower Hsg,Flywheels,Rewinds

REF NO	PART NO	QTY	DESCRIPTION
73	221661		SCREEN, Rotating -(Rewind Starter) -Used After Code Date 6405220
74	93490		SCREW -(Rotating Screen)
75	220865		WASHER -(Heavy Flywheel)
76	68238		SEAL, Ratchet
200A	221508		GUIDE, Air -Used Before Code Date 6308261
200	221480		GUIDE, Air -Used After Code Date 6308231
231	93064		SCREW
304	297855		HOUSING, Blower
305	93158		SCREW -(1/4-20 X 5/8)
325	298731		PULLEY, Rope Starter -(5/8 Hole)
330	395022		GRIP, Starter Rope -(47-1/8)
331	220865		WASHER -(Heavy Flywheel)
332	92284		NUT -(Flywheel)
333A	297594		ARMATURE, Magneto -Used Before Code Date 6308261
333	298316		ARMATURE, Magneto -(Points And Condenser) -Used After Code Date 6308231
335	93414		SCREW
336	297250		CABLE, Ignition -Used Before Code Date 6208220
340	26018		SPRING, Breaker Arm
341	93381		SCREW
342	65704		PLUNGER, Breaker
344	93042		SCREW
345	220366		COVER, Breaker
346	93705		SCREW -(8-32 X 3/8)
372	220477		CLAMP
375	294628		BREAKER, Ignition
375	299061		BREAKER, Ignition -Includes: 294628 Point Set 65704 Plunger 61760 Key-Flywheel
516	260374		SPRING, Condensor
521	298529		SHIELD, Protective
608	297372		STARTER, Rewind -(10 O'clock)
645	23513		BUSHING, Plunger -(Used only with Breaker Point Ignition)
682	211516		SHIELD, Starter
851	221798		TERMINAL, Spark Plug

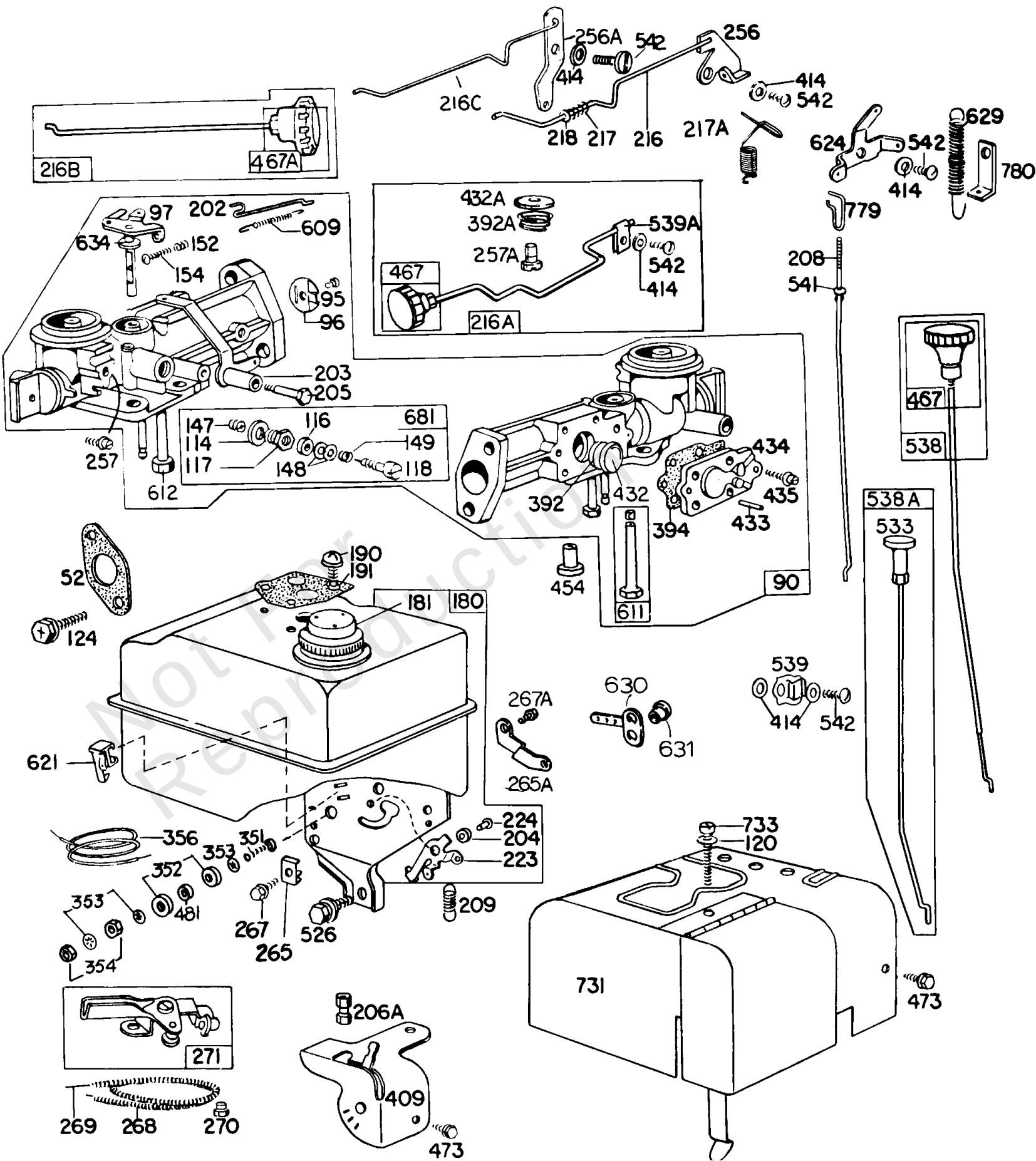
Footnotes:

(Cables used after this Code Number are integral with the Ignition Coil)

For Special See Ref. 66

If longer rope is needed order No. 66684 (used after Code No. 6507211) or No. 66514 (used before Code No. 6507221) and cut to required length.

Cables used after this serial number are integral with the ignition coil



Carburetor, Fuel Parts, Controls

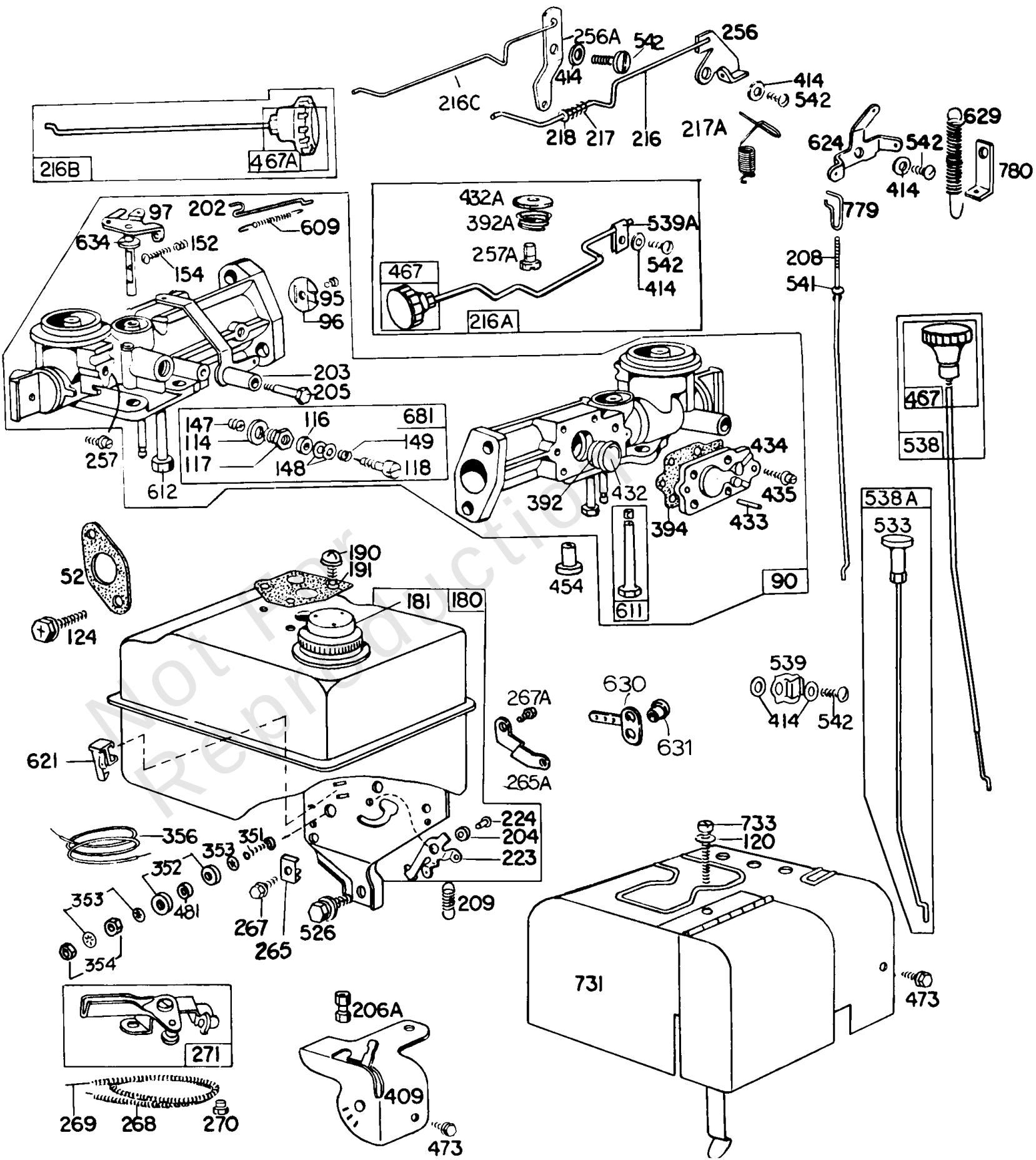
REF NO	PART NO	QTY	DESCRIPTION
52	27355		GASKET, Intake -(2) Included in Gasket Set-Part No. 297615
90	297599		CARBURETOR
95	93499		SCREW -(Throttle Valve)
96	211203		VALVE, THROTTLE
97	297468		SHAFT, Throttle -(Mechanical Governor)
114	66594		WASHER, Sealing -(Needle Valve)
116	65978		SEAL, O-Ring -(Needle Valve)
117	230590		NUT
118	23433		VALVE, Float Needle
120	92290		WASHER
124	93357		SCREW
147	230591		SEAT, Needle Valve
148	22235		WASHER
149	26336		SPRING, Needle Valve
152	260575		SPRING, Throttle Return
154	93527		SCREW -(5-40 X 5/8)
180	297600		TANK, Fuel -(3 Quart Tank)
181	392304		CAP, Fuel Tank
190	93440		SCREW
191	27911		GASKET, Fuel Tank -(Pull Choke) Included in Gasket Set-Part No. 297615
202	260678		LINK, Throttle -(Mechanical Governor)
203	297718		CRANK, Bell -Used Before Code Date 79010500
203	393919		CRANK, Bell
204	222962		BUSHING, Lever
205	93838		SCREW -(6-32)
206A	280012		NUT, Governor Adjusting
208	230737		ROD, Governor Control -(5-44) (9-1/8)
209	260695		SPRING, Governor
216C	231093		LINK, Choke
216	299859		LINK, Choke
217A	261331		SPRING, Throttle
217	260189		SPRING, Friction
218	221198		WASHER
223	221517		LEVER, Governor Control
223	230943		LEVER, Governor Control -(With 1/2 Dia. Flange) Uses: 93440 Screw

Footnotes:

(Cables used after this Code Number are integral with the Ignition Coil)

For Specials See Ref. 223

except on type numbers listed under No. 230943 and 93440 which used 23688 Bushing, 90597 Screw and 260847 Spring until Code No. 6708011. Uses: 93067 Screw-Sem Or: 90597 Screw-Machine, Fil. Hd.-10-32 x 1/2" with 260847 Spring-Friction



Carburetor, Fuel Parts, Controls

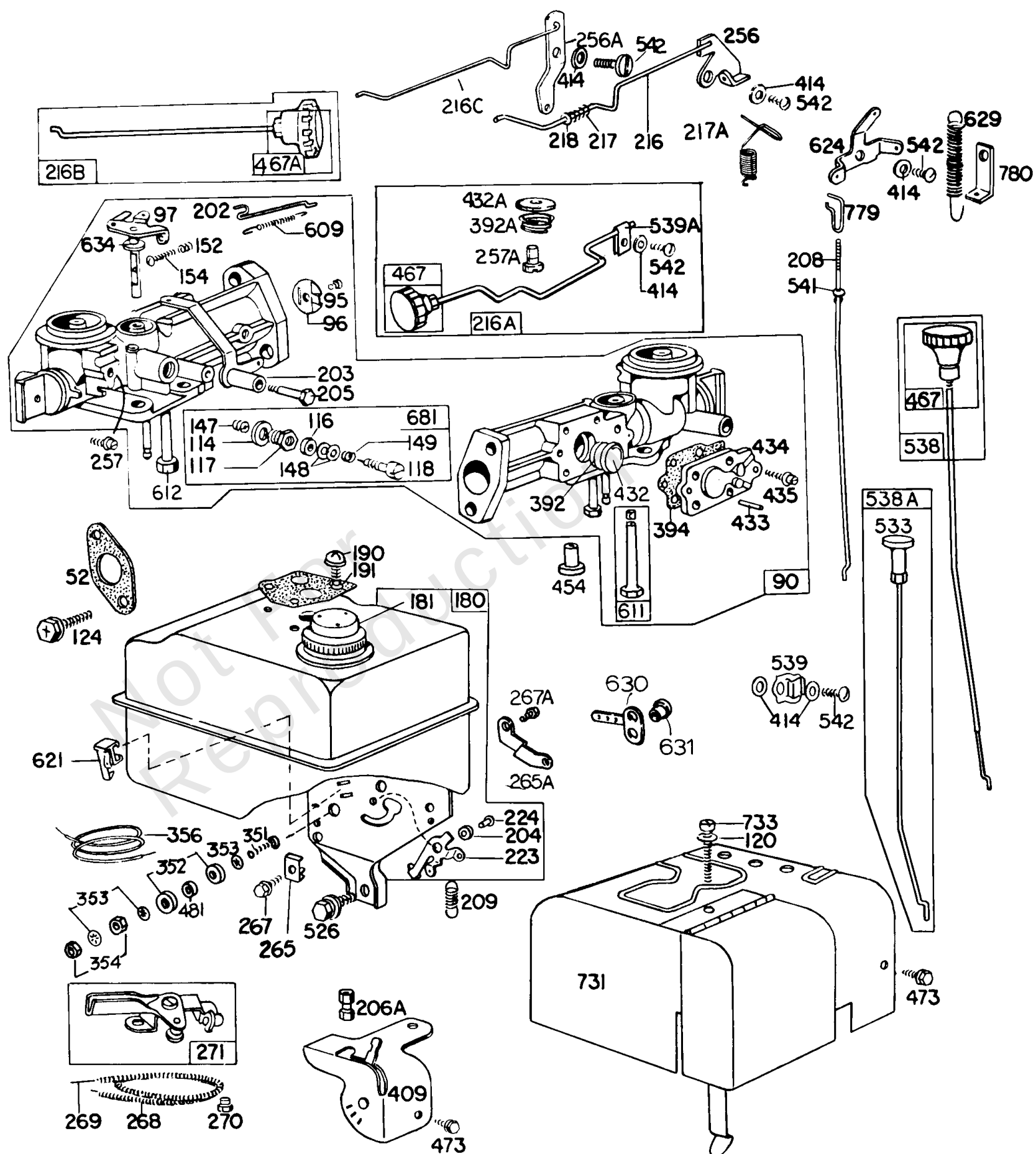
REF NO	PART NO	QTY	DESCRIPTION
223	23688		LEVER, Governor Control -(With 3/8 Dia. Flange) -Used Before Code Date 6608031
224	93491		RIVET -Used After Code Date 6608021
256A	222582		LEVER, Choke
256	299859		LINK, Choke
257A	90746		SCREW -(10-32 X 5/8)
257	93543		SCREW -(10-32 X 3/8)
265A	222629		BRACKET, Casing Clamp
265	221535		CLAMP, Casing -(Stamped Steel)
267A	93543		SCREW -(10-32 X 3/8)
267	93496		SCREW -(10-32 X 5/8)
268	66986		CASING, Control Wire -(Cut To Required Length)
269	26099		WIRE, Control -(Cut To Required Length) If longer wire is needed, specify length in inches; if shorter wire is needed order No. 26099 and cut to required length
270	63426		NUT -(Control Wire Casing)
271	290568		LEVER, Control
353	92791		WASHER
354	90576		NUT -(Ground Terminal)
356	299500		WIRE, Stop -(Used with Armature Refs. 333A and 333B)
392A	260847		SPRING, Friction
392	260455		SPRING, Pump Diaphragm
394	270026		DIAPHRAGM, Carburetor
409	299837		CONTROL, Speed
414	220982		WASHER
432A	221766		SPRING, Friction
432	221377		CAP, Spring
433	93265		PIN, Locating
434	210959		COVER, Diaphragm
435	93141		SCREW -(Diaphragm Cover)
454	296178		FILTER, Fuel -(3/16 O.D. Brass Pipe)
467A	212293		KNOB, Choke Shaft
467	391908		KNOB, Air Cleaner Cover
473	93475		SCREW
526	93343		SCREW -(Control Panel)
533	230149		NUT, Governor Adjusting -(5-44) Uses: 93384 Nut
538A	299545		ROD, Control

Footnotes:

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except on type numbers listed under No. 230943 and 93440 which used 23688 Bushing, 90597 Screw and 260847 Spring until Code No. 6708011. Uses: 93067 Screw-Sem Or: 90597 Screw-Machine, Fil. Hd.-10-32 x 1/2" with 260847 Spring-Friction



Carburetor, Fuel Parts, Controls

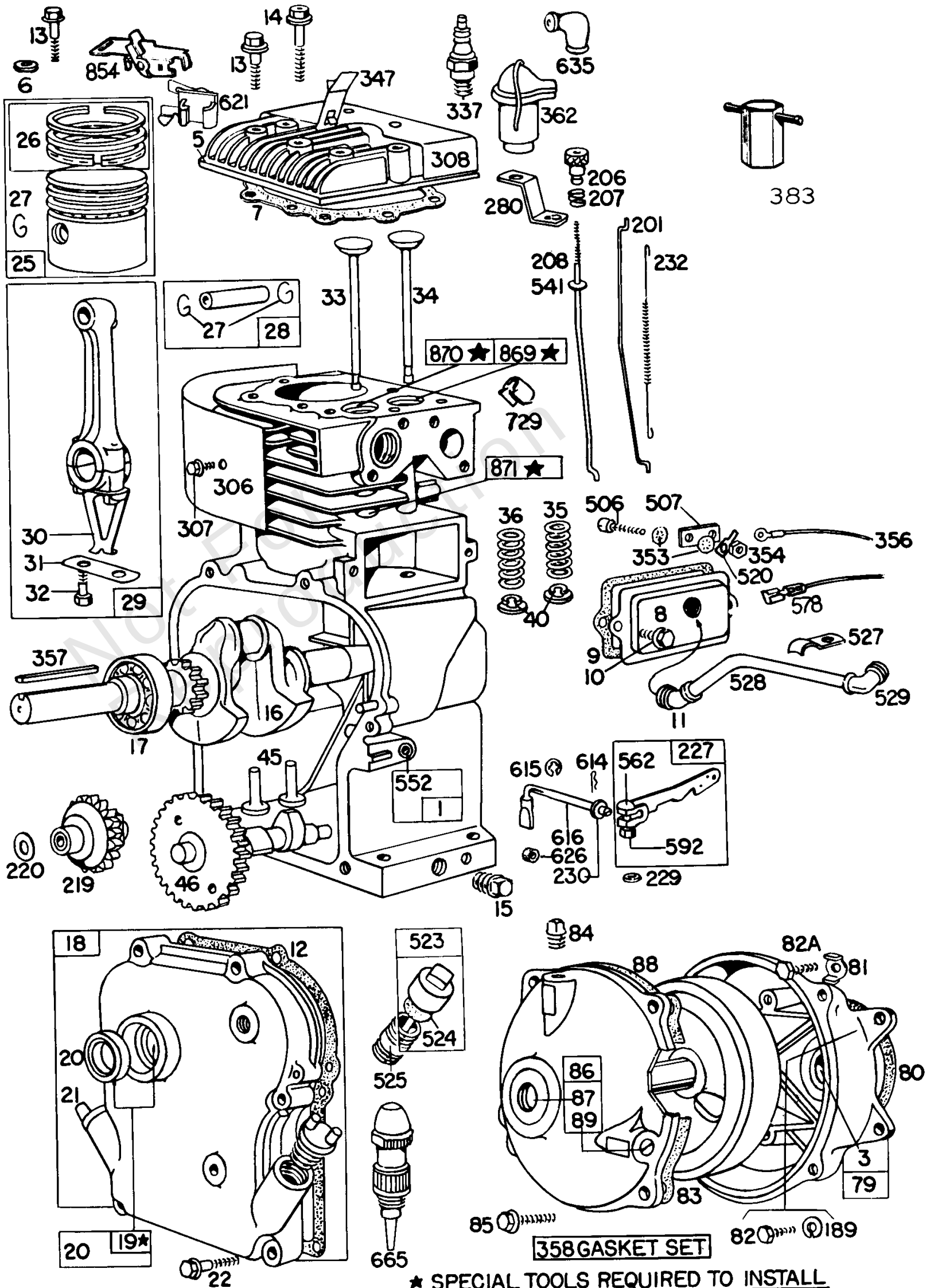
REF NO	PART NO	QTY	DESCRIPTION
538	390756		ROD, Control
539A	93784		CLAMP
539	221372		CLIP, Control Rod
541	22398		WASHER
542	92265		SCREW
609	260694		SPRING, Governor Link -(Mechanical Governor)
611	391813		TUBE-PICK UP -(2 And 3 Quart Tanks)
612	296811		TUBE, Pick Up
621	297472		SWITCH, Stop
624	390383		LINK, Bell Crank -(Includes Bell Crank)
629	261094		SPRING, Throttle Return -(Throttle Return)
630	222597		LEVER, Governor Control
631	230862		KIT, Bushing/Seal
634	270167		SEAL, Choke/Throttle Shaft -(Felt)
681	299060		VALVE, High Speed -(Threaded)
731	299419		HOOD, Snow
733	93518		SCREW -(Hood)
779	390383		LINK, Bell Crank -(Includes Bell Crank)
780	222101		ANCHOR, Spring

Footnotes:

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For Specials See Ref. 223

except on type numbers listed under No. 230943 and 93440 which used 23688 Bushing, 90597 Screw and 260847 Spring until Code No. 6708011. Uses: 93067 Screw-Sem Or: 90597 Screw-Machine, Fil. Hd.-10-32 x 1/2" with 260847 Spring-Friction

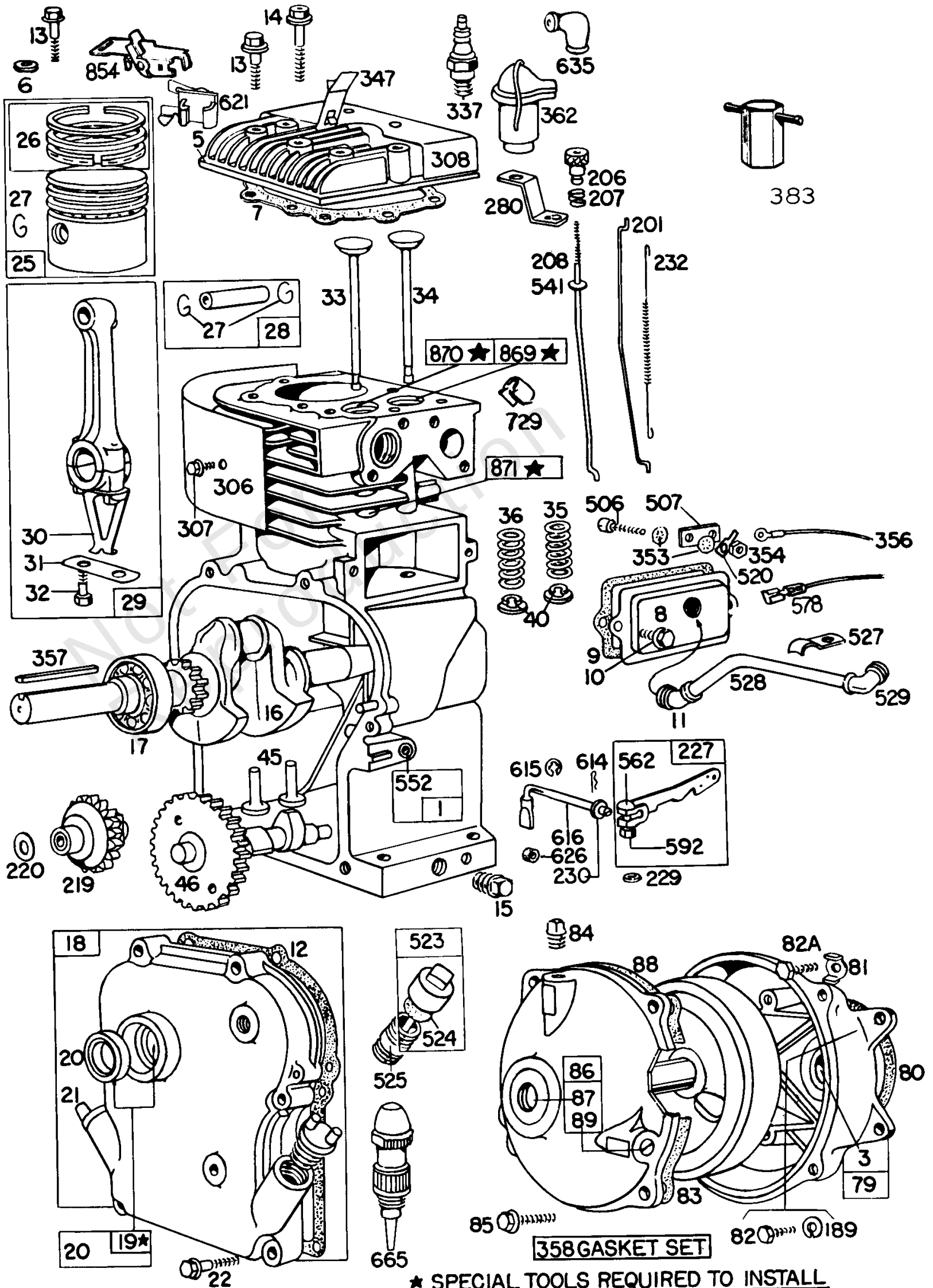


Cyl,Crnkcse,Piston,Gear Case

REF NO	PART NO	QTY	DESCRIPTION
1	397412		CYLINDER ASSEMBLY
3	299819		SEAL, Oil -(Plain Bearing)
5	211542		HEAD, Cylinder
6	22963		WASHER
7	270383		GASKET, Cylinder Head -Included in Gasket Set-Part No. 297615
8	294178		COVER, Breather Passage
9	27549		GASKET, Rocker Cover -Included in Gasket Set-Part No. 297615
10	93394		SCREW
11	66578		TUBE, Breather
12	270080		GASKET, Crankcase -(.015) Included in Gasket Set-Part No. 297615
12	270125		GASKET, CRANKCASE -(.005)
12	270126		GASKET-CRKCSE/009 -(.009)
13	93368		SCREW -(2 3/32)
13	93583		STUD -(Cylinder Head)
14	93369		SCREW -(2-15/32)(Cylinder Head)
14	93583		STUD -(Cylinder Head)
15	91249		PLUG, Oil Drain -(1/4 Square)
16	260719		CRANKSHAFT
17	99158		BEARING-BALL
18	297602		COVER, Crankcase
19	297603		KIT, Bushing/Seal
20	294606		SEAL, Oil
21	66768		PLUG, Oil
22	93032		SCREW -(Fuel Tank) (Tank)
22	93656		STUD
25	298168		PISTON ASSEMBLY -(Standard)
25	298169		PISTON ASSEMBLY -(.010 Oversize)
25	298170		PISTON ASSEMBLY -(.020 Oversize)
25	298171		PISTON ASSEMBLY -(.030 Oversize)
26	297575		SET, Ring -Used Before Code Date 6306171
26	297576		SET, Ring -(.010 Oversize) -Used Before Code Date 6306171
26	297577		SET, Ring -(.020 Oversize) -Used Before Code Date 6306171
26	297578		SET, Ring -(.030 Oversize) -Used Before Code Date 6306171

Footnotes:

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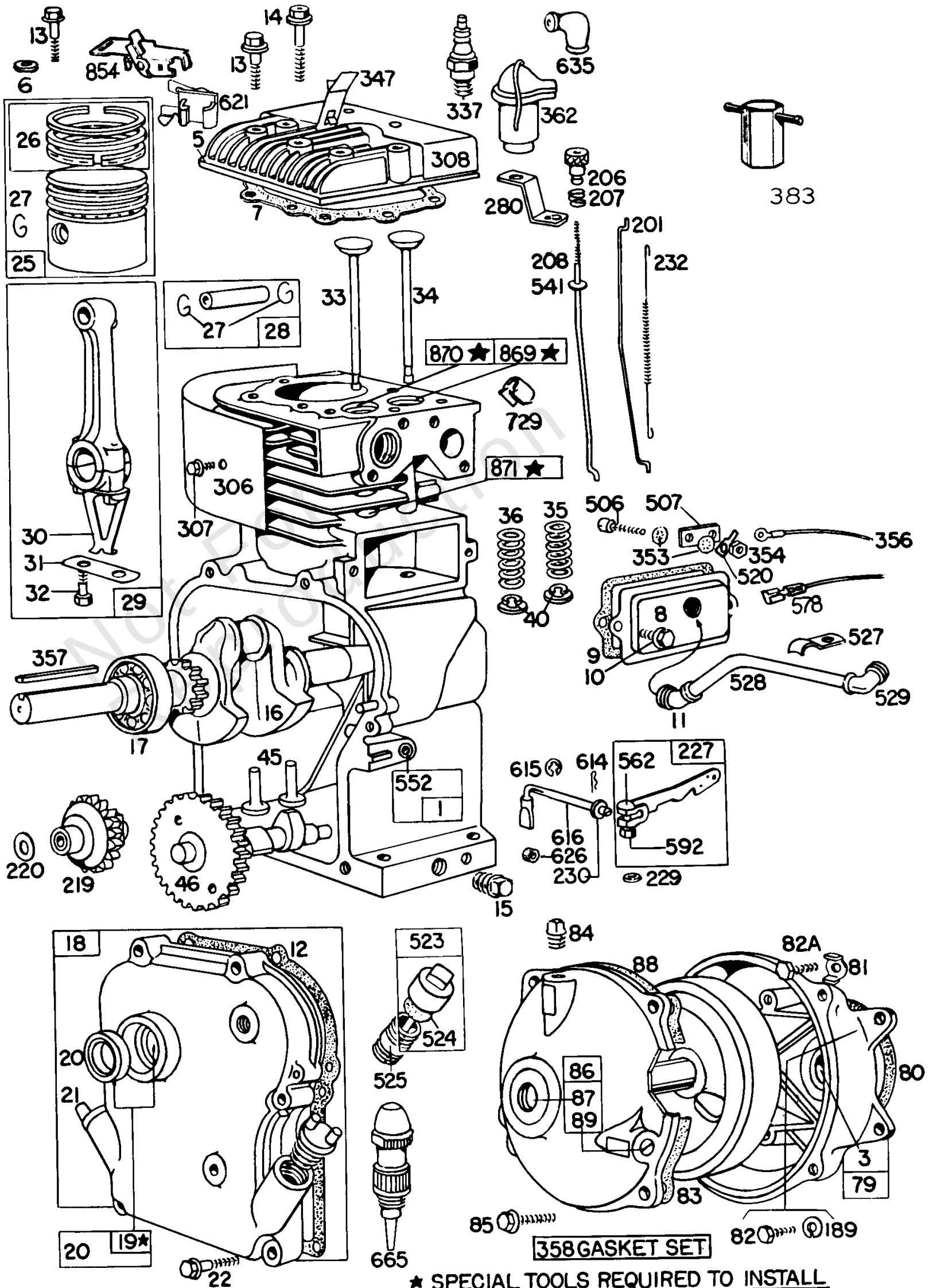


Cyl,Crnkcse,Piston,Gear Case

REF NO	PART NO	QTY	DESCRIPTION
26	298174		SET, Ring -Used After Code Date 6306141
26	298175		SET, Ring -(.010 Oversize) -Used After Code Date 6306141
26	298176		SET, Ring -(.020 Oversize) -Used After Code Date 6306141
26	298177		SET, Ring -(.030 Oversize) -Used After Code Date 6306141
26	298744		SET, Ring -Used After Code Date 6306141
27	260645		LOCK, Piston Pin
28	297581		PIN, Piston -(Standard)
28	297582		PIN, Piston -(.005 Oversize)
29	297569		ROD, Connecting -For Connecting Rod with .020 undersize Crankpin Bore-order No. 298786
30	221507		DIPPER, Connecting Rod -Used Before Code Date 6503241
30	221786		DIPPER, Connecting Rod -Used After Code Date 6503231
31	221451		LOCK, Rod Screw -Used Before Code Date 6503241
31	221741		LOCK, Rod Screw -Used After Code Date 6503231
32	91162		SCREW -(5/16-18 X 1-1/2) -Used Before Code Date 6503241
32	93450		SCREW -(Connecting Rod) -Used After Code Date 6503231
33	211119		VALVE, Exhaust
34	260961		VALVE, Intake -Used Before Code Date 6912011
34	261044		VALVE, Intake -Used After Code Date 6911261
35	260552		SPRING, Valve -(Exhaust)
36	26478		SPRING, Valve -(Exhaust)
40	230126		PIN, Retainer
40	23184		RETAINER, Valve
40	23187		PIN, Locating -(as follows:) (Use with valves with hole in stem except with rotocap)
40	292259		RETAINER, Valve -(Exhaust)
40	93312		RETAINER, Valve -(Valves With Groove In Stem)
45	260642		TAPPET, Valve
46	211117		CAMSHAFT
79	290779		CASE, Gear Reduction
80	27667		GASKET, Gear Case

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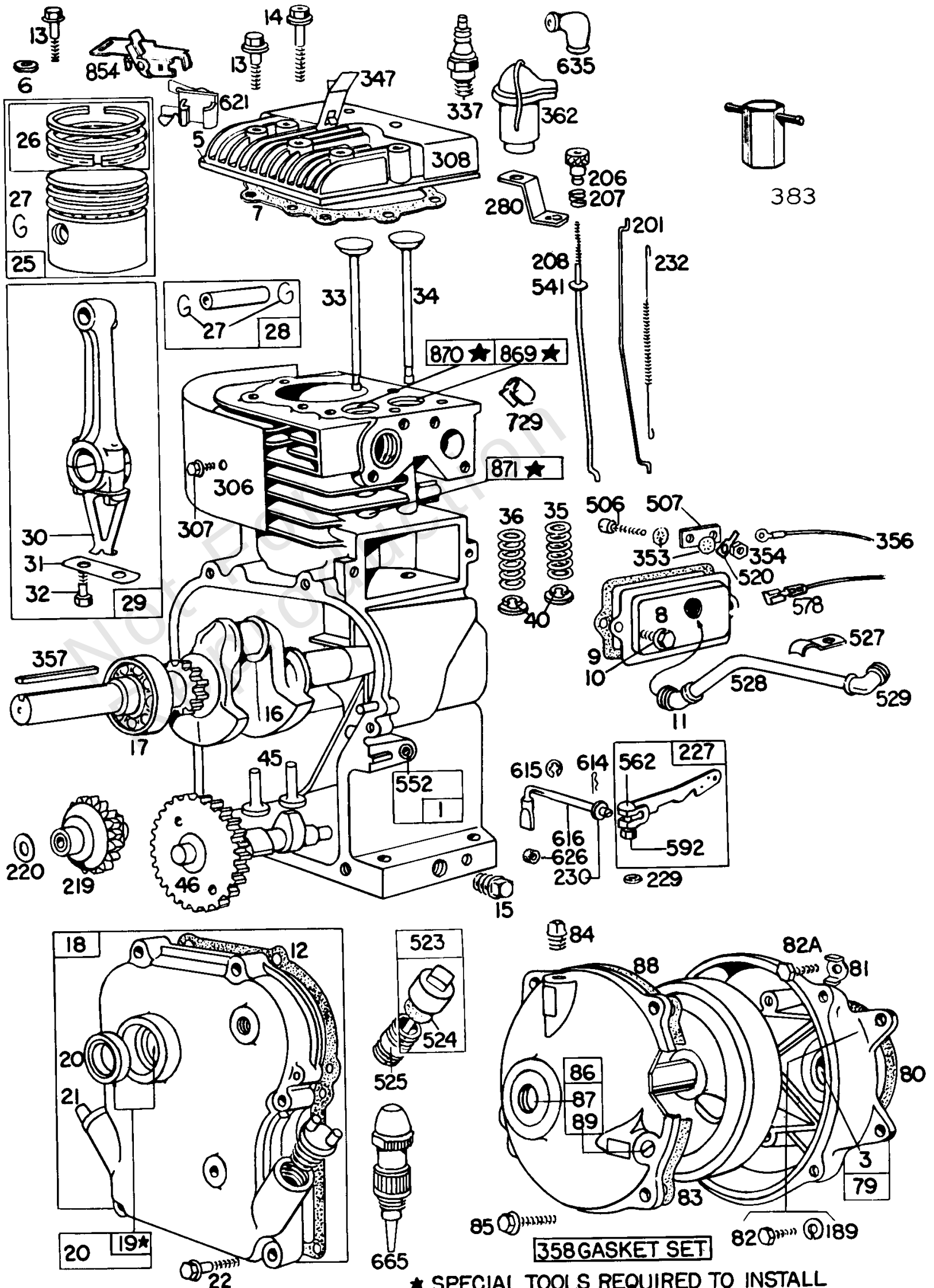


Cyl,Crnkcse,Piston,Gear Case

REF NO	PART NO	QTY	DESCRIPTION
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
201	260661		LINK, Choke -Used Before Code Date 80060100
201	261558		LINK, Mechanical Governor -Used After Code Date 80060100
206	230149		NUT, Governor Adjusting -(5-44)
207	26855		SPRING, Governor Link
208	230737		ROD, Governor Control -(5-44) (9-1/8)
219	297656		GEAR, Governor -Used Before Code Date 75062007
219	391737		GEAR, Governor -Used After Code Date 75061907
220	221551		WASHER -(Governor Lever)
227	297601		LEVER, Governor Control -(3/16 Diameter) -Used Before Code Date 75062006
227	393920		LEVER, Governor Control
229	220680		WASHER
230	221559		WASHER -(3/16 I.D.)
230	222450		WASHER
232	260478		SPRING/LINK, Mechanical Governor
280	221384		BRACKET, Rod
306	221511		SHIELD, Cylinder
307	93042		SCREW
308	221512		COVER, Cylinder Head
337	293918		PLUG, Spark
337	29693		PLUG, Spark
337	298809		PLUG, Spark
337	392588		PLUG, Spark
347	220884		SWITCH, Stop
347	221808		SWITCH, Stop
353	92791		WASHER
354	90576		NUT -(Ground Terminal)

Footnotes:

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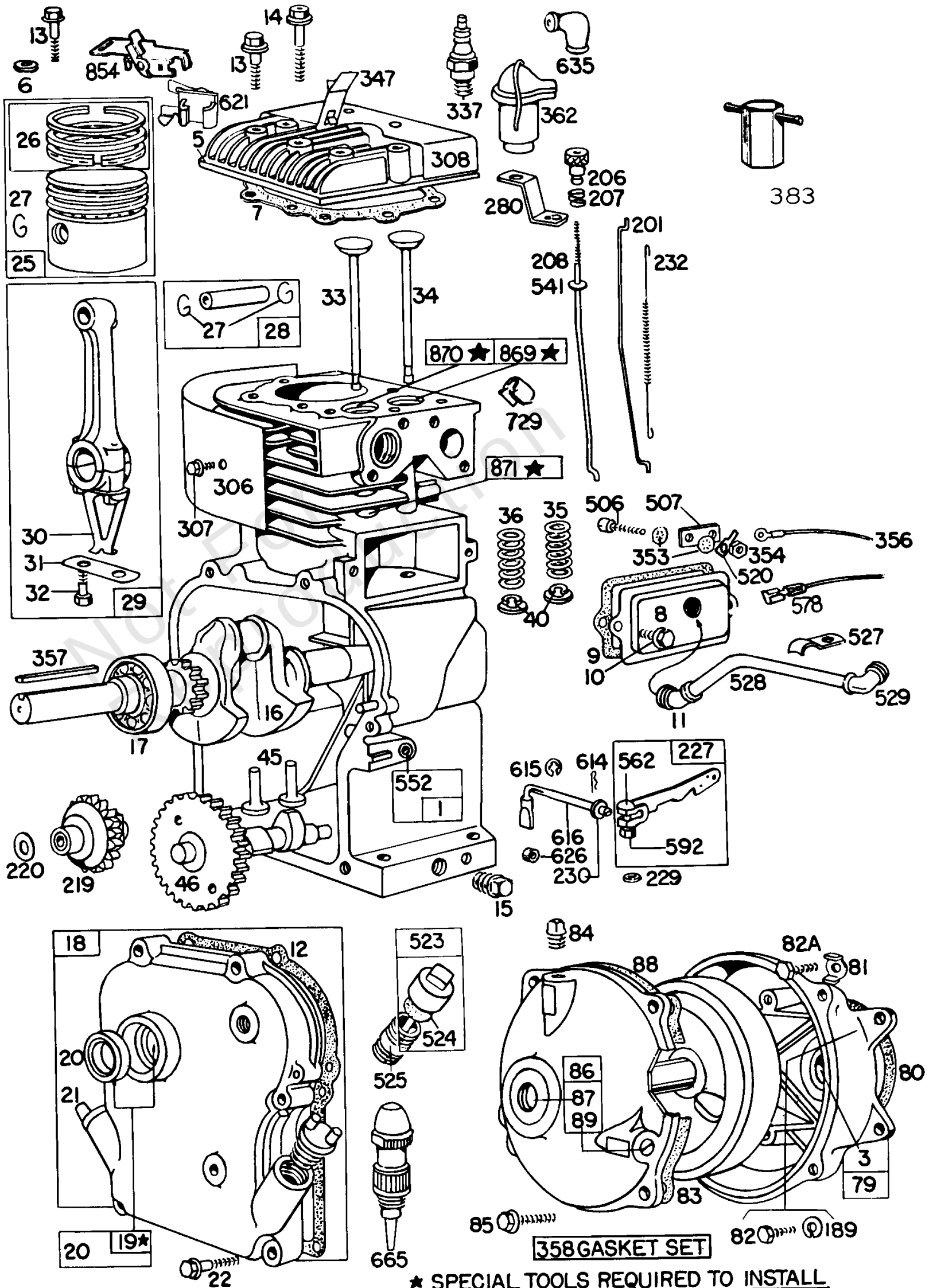


Cyl,Crnkcse,Piston,Gear Case

REF NO	PART NO	QTY	DESCRIPTION
356	299500		WIRE, Stop -(Used with Armature Refs. 333A and 333B)
357	91539		KEY, Drive Pulley -(3/16 Square)
358	297615		GASKET SET, Engine
362	291630		SHIELD, Spark Plug -(With Stop Switch)
383	89838		WRENCH, Spark Plug
506	90200		SCREW -(8-32 X 1/2)
507	66895		INSULATOR
520	93722		TERMINAL, Ground
523	295923		CAP, Oil Fill -Uses: 230553 Nipple-Oil Filler (5-1/4 Lg.)
523	297357		DIPSTICK/CAP ASSEMBLY
524	65304		SEAL, O-Ring -(Dipstick Cap)
525	230553		PIPE, Oil -(5-1/4)
525	91258		TUBE, Dipstick -(2 1/2) (All Nipples Listed Use 394884 Adaptor-Oil Filler)
527	221514		CLAMP, Tube -(Rotary Choke)
528	230722		TUBE, Breather
529	67838		GROMMET
541	22398		WASHER
552	230732		BUSHING, Governor Crank -(3/16 I.D.) -Used Before Code Date 75062007
552	231079		BUSHING, Governor Crank -(1/4 I.D.) -Used After Code Date 75061907
562	92613		BOLT -(Governor Lever)
578	392750		CABLE, Starter
592	231082		NUT -(Governor Control)
614	93306		PIN, Cotter
615	93307		RETAINER, Governor Shaft
616	230723		CRANK, Governor -(3/16 Diameter) -Used Before Code Date 75062007
616	231077		CRANK, Governor -(1/4 Diameter) -Used After Code Date 75061907
621	297472		SWITCH, Stop
626	230749		SPACER -(Governor Lever)
635	66538		BOOT, Spark Plug
665	298858		MINDER, Oil
729	93708		CLIP, Wire -(Used to retain Ground Wire lead to Cylinder Rib)
854	392884		BRACKET, Stopswitch
869	211787		SEAT, Valve -(Intake)

Footnotes:

(Cables used after this Code Number are integral with the Ignition Coil)
Cables used after this serial number are integral with the ignition coil



Cyl,Crnkcse,Piston,Gear Case

REF NO	PART NO	QTY	DESCRIPTION
870	211172		SEAT, Valve -(Intake)
871	63709		BUSHING, Valve Guide -(Intake)

Not For
Reproduction

Footnotes:
(Cables used after this Code Number are integral with the Ignition Coil)
Cables used after this serial number are integral with the ignition coil

Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	12T1320036	1	Replacement Engine
	-----		Service Note: If the replacement engine supersedes to or is a Model 120000 series engine, refer to the illustrations located after the conversion data for this model series. the overall dimensions that differ, are shown in the illustrations.
	-----		Service Note: If after making a visual inspection and it is determined the Model 120000 series engine cannot be used because of equipment interference, the original engine should be repaired with individual parts.
	-----		Service Note: For all Go-Karts use only a Model 136200 series engine as a replacement, regardless of the original Model.

