



Parts Manual

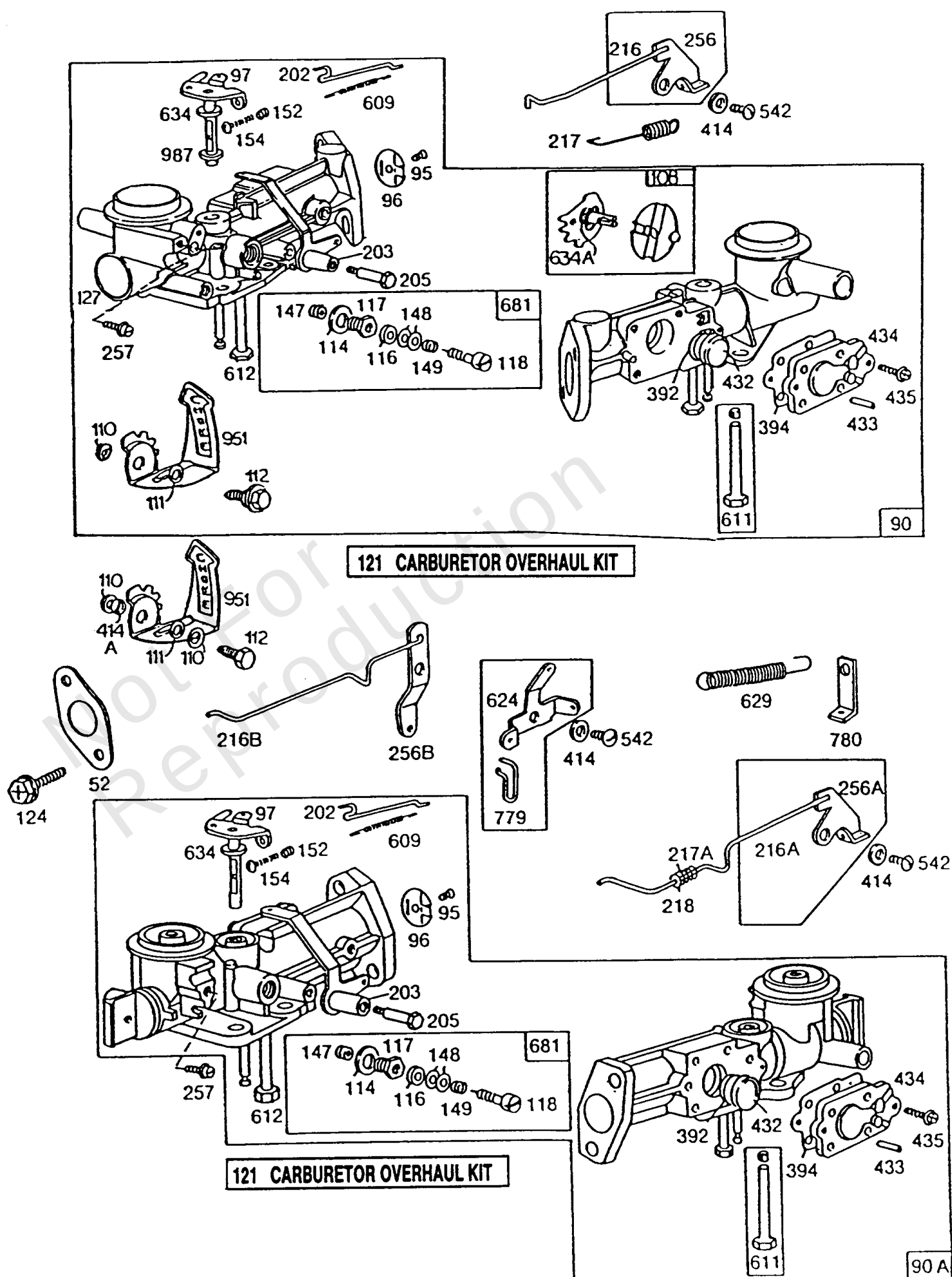
Mfg. No: 130232-5144-01

Model Components	Page
(2) Carburetor Assemblies.	4
Air Cleaner Groups.	8
Blower Hsg, Flywheel, Rewind.	10
Cylinder, GearCase, Piston Grp.	14
Electric Starter.	24
FuelTankAssy, Guards, Controls.	26
Mufflers and Deflectors.	30
Oil Gard, Flywheels, Elect.	34
Replacement Engine - US & Canada.	38

Not For
Reproduction

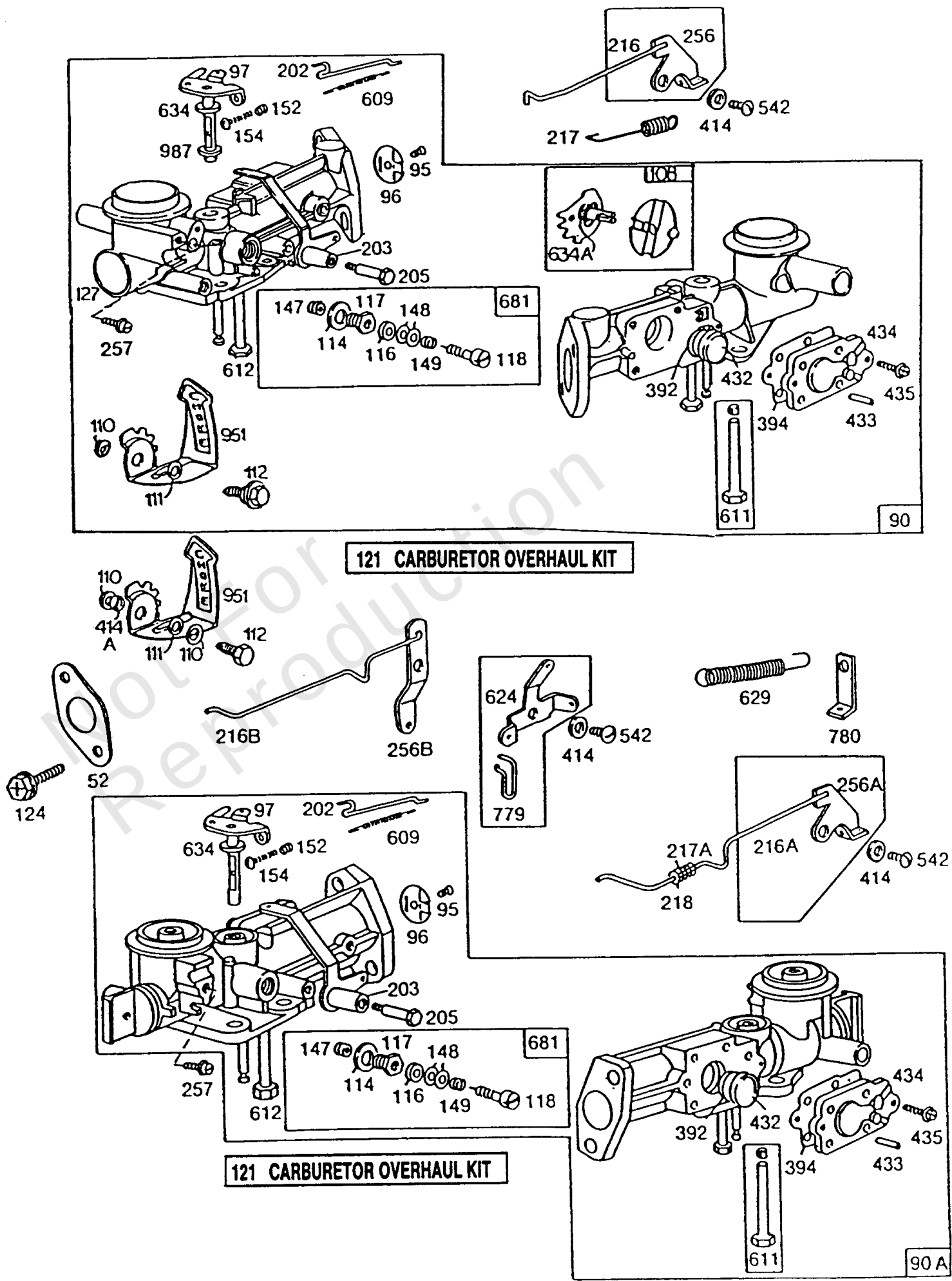
(2) Carburetor Assemblies

Mfg. No: 130232-5144-01



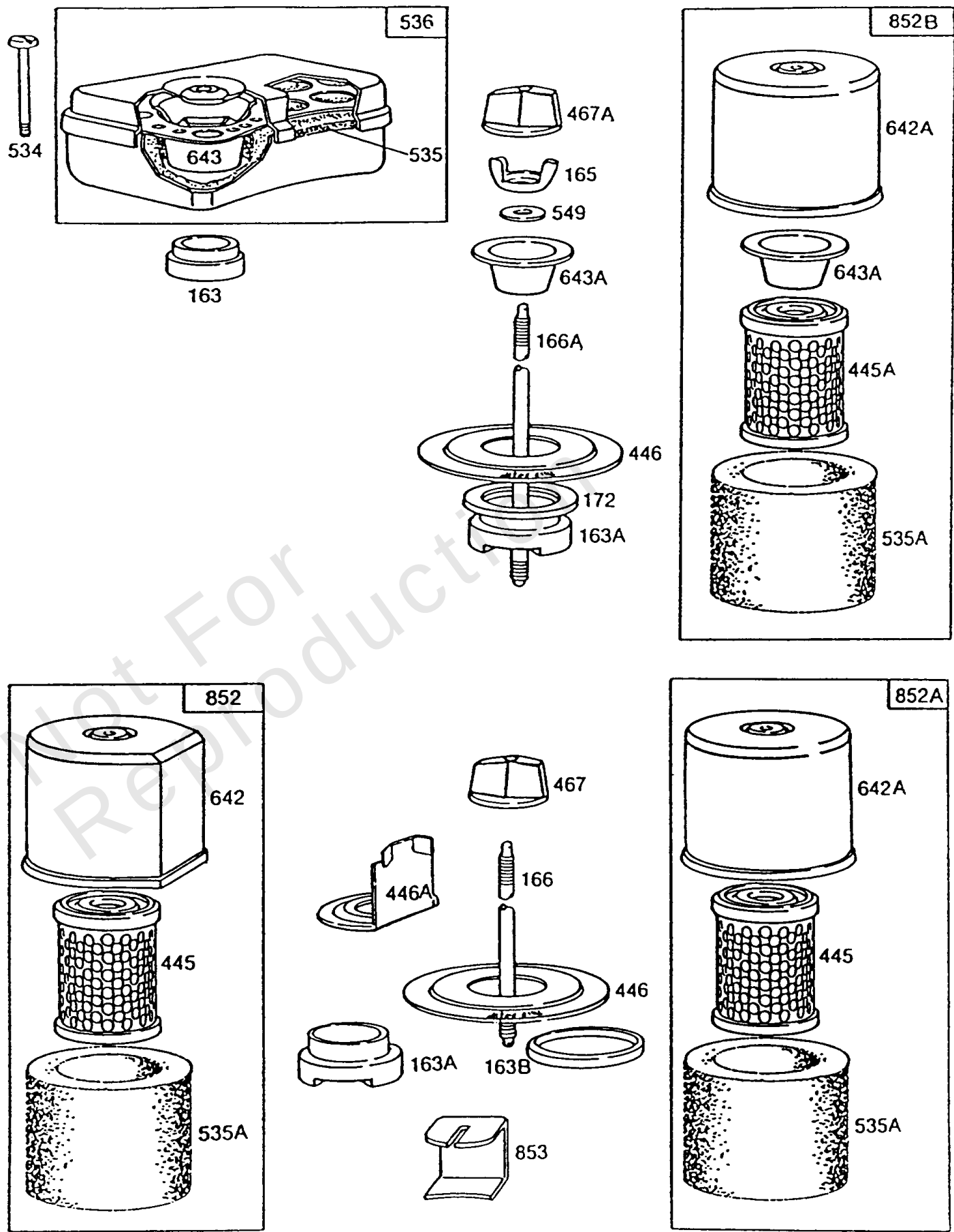
(2) Carburetor Assemblies

REF NO	PART NO	QTY	DESCRIPTION
52	27355		GASKET, Intake -(2) Included in Gasket Set-Part No. 397145
90A	299437		CARBURETOR
90	397135		CARBURETOR -(Rotary Choke)
95	93499		SCREW -(Throttle Valve)
96	211203		VALVE, THROTTLE
97	299212		SHAFT, Throttle
108	397134		KIT, Choke Shaft
110	66432		WASHER
111	94060		WASHER
112	93686		SCREW -(10-32 X 5/8) -Used Before Code Date 86011300
112	94164		SCREW -Used After Code Date 86011000
114	66594		WASHER, Sealing -(Needle Valve) Included in Carburetor Overhaul Kit-Part No. 494624
116	65978		SEAL, O-Ring -(Needle Valve) Included in Carburetor Overhaul Kit-Part No. 494624
117	230590		NUT -Included in Carburetor Overhaul Kit-Part No. 494624
118	23433		VALVE, Float Needle -Included in Carburetor Overhaul Kit-Part No. 494624
121	494624		KIT, Carburetor Overhaul
124	93357		SCREW
127	22831		PLUG, Welch
147	230591		SEAT, Needle Valve -Included in Carburetor Overhaul Kit-Part No. 494624
148	22235		WASHER -Included in Carburetor Overhaul Kit-Part No. 494624
149	26336		SPRING, Needle Valve -Included in Carburetor Overhaul Kit-Part No. 494624
152	260575		SPRING, Throttle Return
154	93527		SCREW -(5-40 X 5/8)
202	260678		LINK, Throttle -(Mechanical Governor)
203	393919		CRANK, Bell
205	93838		SCREW -(6-32)
216B	231093		LINK, Choke
216A	299859		LINK, Choke
216	397709		CRANK, Bell -Used After Code Date 84053100
217A	260189		SPRING, Friction
217	261951		SPRING, Choke Return
218	221198		WASHER
256A	299859		LINK, Choke
256B	222582		LEVER, Choke
256	397709		CRANK, Bell -Used After Code Date 84053100
256	398175		CRANK, Bell -Used Before Code Date 84060100
257	93543		SCREW -(10-32 X 3/8)



(2) Carburetor Assemblies

REF NO	PART NO	QTY	DESCRIPTION
392	260455		SPRING, Pump Diaphragm
394	270026		DIAPHRAGM, Carburetor -Included in Carburetor Overhaul Kit-Part No. 494624
414A	231325		SPACER -(Choke Lever) -Used Before Code Date 86011300
414	220982		WASHER
432	221377		CAP, Spring
433	93265		PIN, Locating
434	210959		COVER, Diaphragm
435	93141		SCREW -(Diaphragm Cover)
542	94025		SCREW
609	260694		SPRING, Governor Link -(Mechanical Governor)
611	391813		TUBE-PICK UP -(2 And 3 Quart Tanks)
612	296811		TUBE, Pick Up
624	390383		LINK, Bell Crank -(Includes Bell Crank)
629	261094		SPRING, Throttle Return -(Throttle Return)
634A	270382		WASHER -(Foam)
634	270167		SEAL, Choke/Throttle Shaft -(Felt)
634	271853		WASHER -(Foam)
681	299060		VALVE, High Speed -(Threaded) Included in Carburetor Overhaul Kit-Part No. 494624
779	390383		LINK, Bell Crank -(Includes Bell Crank)
780	223169		ANCHOR, Spring
951	223286		LEVER, Choke
987	398970		SEAL, Throttle Shaft -(Lmt 46, 49, 50, 51, 53, 86)



Air Cleaner Groups

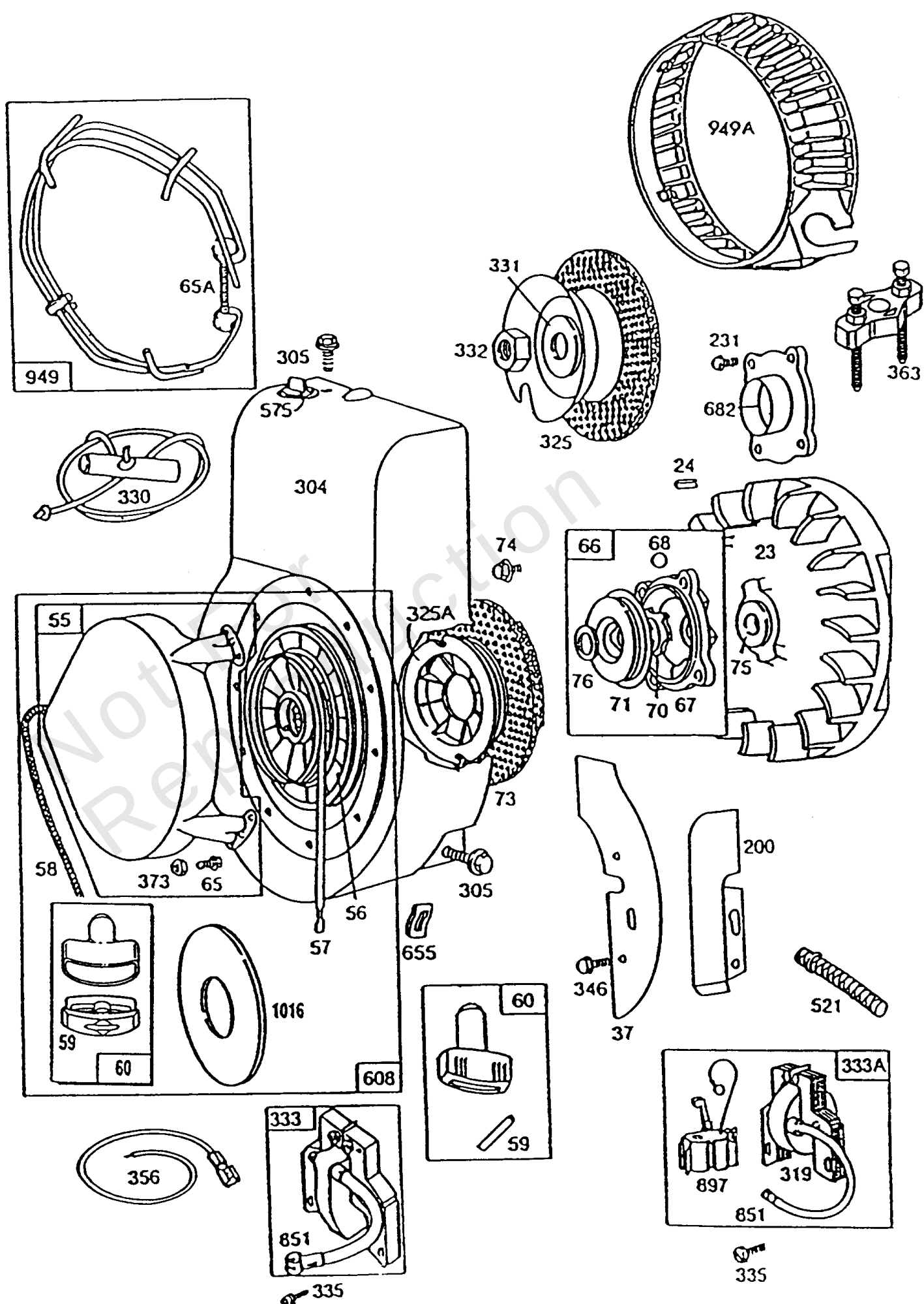
REF NO	PART NO	QTY	DESCRIPTION
163A	270488		GASKET, Air Cleaner -(Yellow)
163B	271139		GASKET, Air Cleaner -(Above Spacer) Included in Carburetor Overhaul Kit-Part No. 494624
163	27660		GASKET, Air Cleaner
165	93856		NUT -(10-32)
166A	231176		STUD -(Air Cleaner) (3/16)
166	231315		STUD -(Pull Choke)
166	231332		STUD -(Rotary Choke)
172	271077		SPACER, Air Cleaner
445A	392308		FILTER, A/C Cartridge
445	396424		FILTER, Pre Cleaner
446A	395642		BASE, Air Cleaner
446	222844		BASE, Air Cleaner
467A	212293		KNOB, Choke Shaft
467	212706		KNOB, Choke Shaft
534	230741		STUD -Used Before Code Date 84022200
534	93322		SCREW -(1 15/16) -Used Before Code Date 84011100
534	94071		SCREW -Used After Code Date 84011000
535A	271466		FILTER, Pre Cleaner
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 Before Code Date 84011100
536	397703		CLEANER, Air -Used After Code Date 84011000
549	271118		WASHER
642A	222626		COVER, Air Cleaner
642	223306		COVER, Air Cleaner
643A	222845		SUPPORT, Foam Element -(1/2 Deep)
852A	397937		CLEANER, Air
852B	392368		CLEANER, Air -For Dual Element Air Cleaner Kit Order Part No. 393018
852	396397		CLEANER, Air
853	394850		BRACKET, Air Cleaner

Footnotes:

(Used with Pull Choke Carburetor-Ref. 90A)

Uses: 212706 Knob-Air Cleaner

Used With 92067 Nut-Wing

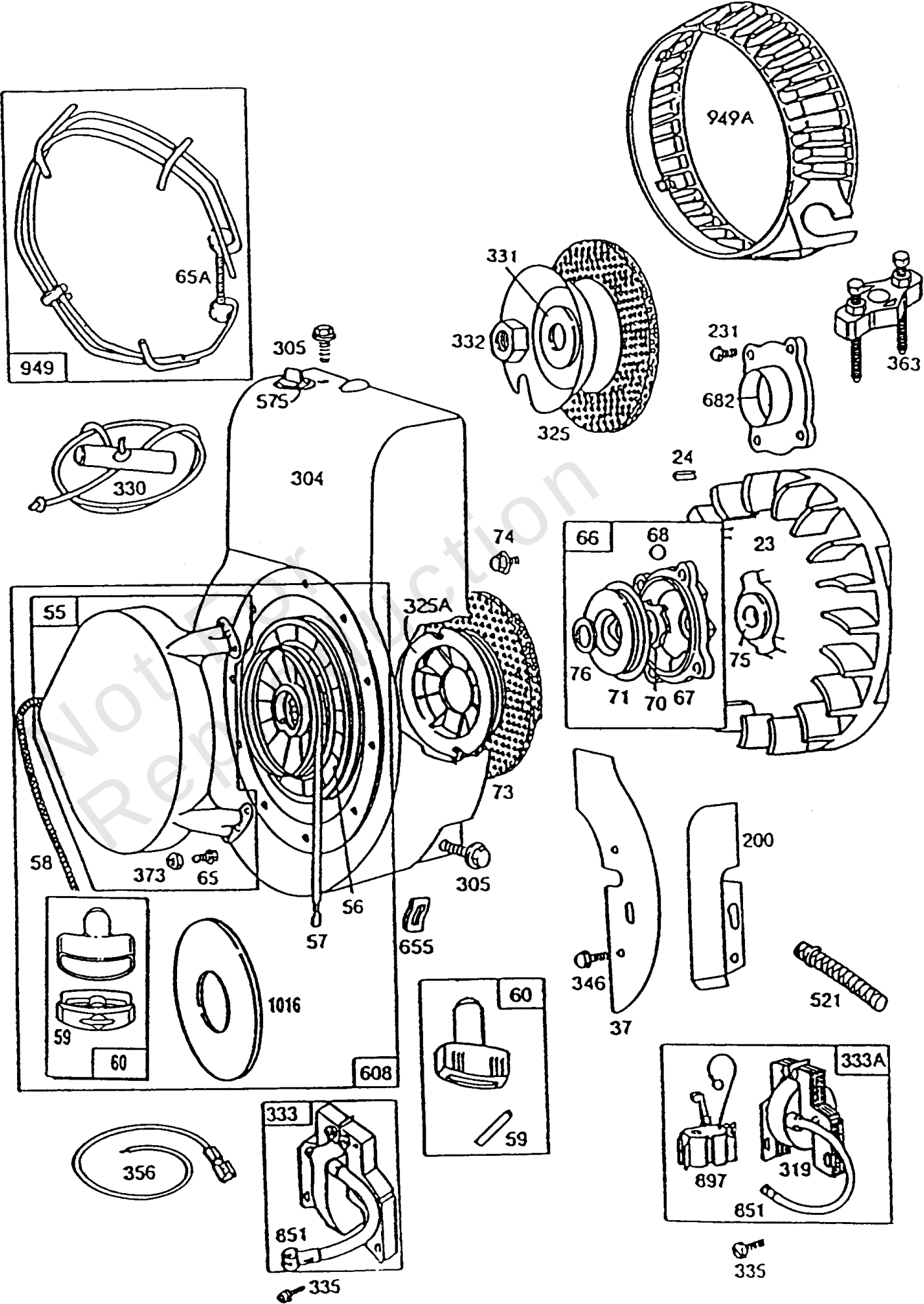


Blower Hsg, Flywheel, Rewind

REF NO	PART NO	QTY	DESCRIPTION
23	297229		FLYWHEEL
24	222698		KEY, Flywheel
37	222443		GUARD, Flywheel
55	299431		HOUSING, Rewind Starter
56	295871		PULLEY, Starter -(63 Rope) If Longer Rope is Required Order Rope No. 66894 and Cut to Length.
57	490179		SPRING-REWIND STR
58	66884		ROPE, Starter -(Cut To Required Length) If Longer Rope is Required Order Rope No. 66894 and Cut to Length.
59	490653		INSERT, Grip
60	490652		GRIP-STARTER ROPE
65A	94124		SCREW
65	94063		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	221923		SCREEN, Rotating
74	93490		SCREW -(Rotating Screen)
75	224061		WASHER -(5/8 Hole)
76	68238		SEAL, Ratchet
200	221480		GUIDE, Air
231	93064		SCREW
304	398345		HOUSING, Blower
305	94608		SCREW -(Fuel Shut Off)
319	298316		ARMATURE, Magneto -(Points And Condenser)
325A	280457		PULLEY, Rope Starter
325	299421		PULLEY, Rope Starter -(With Screen)
330	69932		GRIP, Starter Rope
331	224061		WASHER -(5/8 Hole)
332	92284		NUT -(Flywheel)
333A	397358		ARMATURE-MAGNETO
333	397358		ARMATURE-MAGNETO
335	93414		SCREW
346	93705		SCREW -(8-32 X 3/8)
356	398808		WIRE, Stop -(Cut To Required Length)
363	19069		PULLER, Flywheel
373	92987		STARTER, Rewind

Footnotes:

To Replace Crankshaft Gear Pin, Order Part No. 230978. Used Only on Crankshaft With Loose Gear.



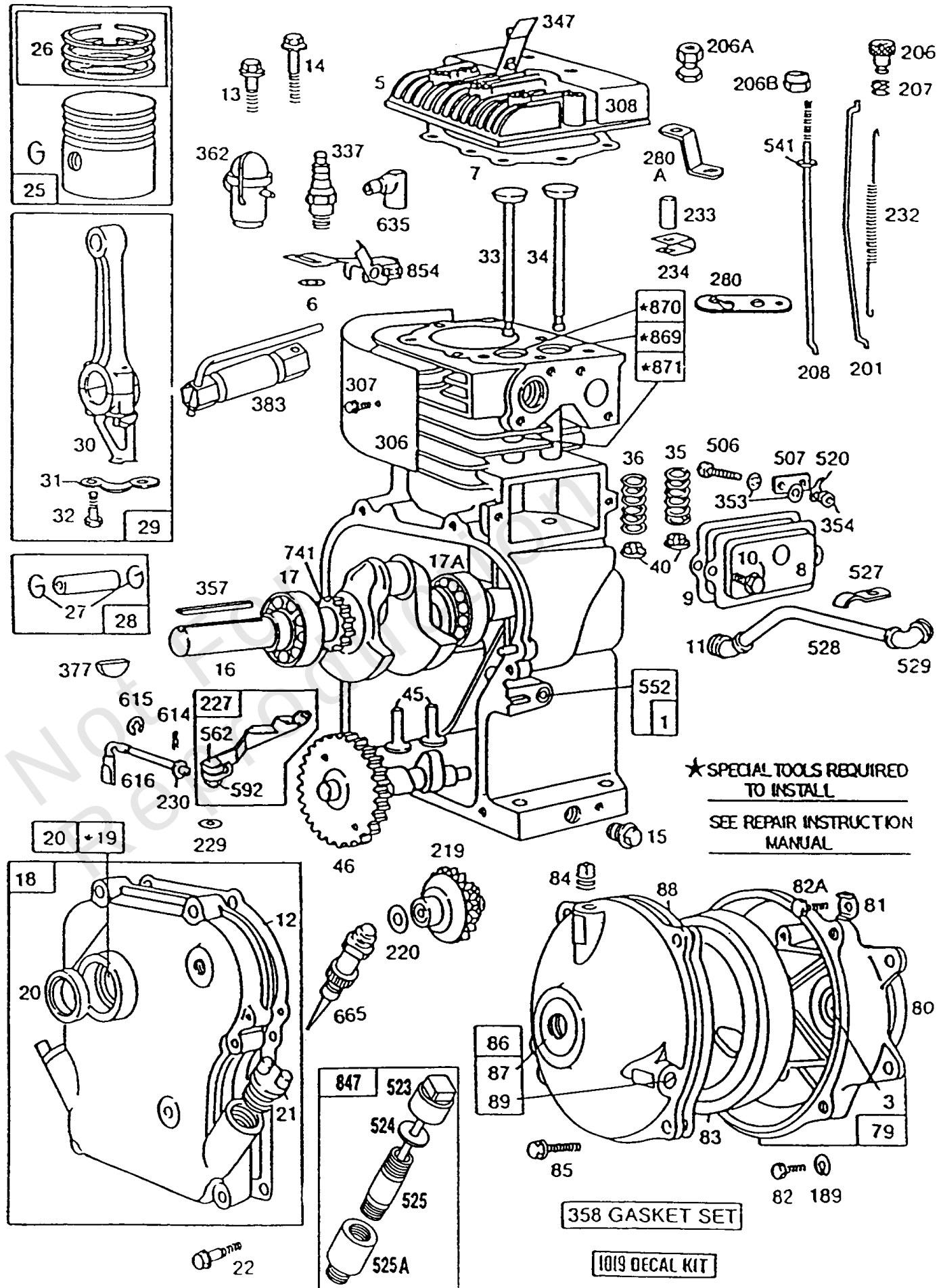
Blower Hsg, Flywheel, Rewind

REF NO	PART NO	QTY	DESCRIPTION
521	298529		SHIELD, Protective
575	396691		SWITCH, Rotary -(Mechanical Governor)
608	390463		STARTER-REWIND
655	222598		ANCHOR, Rewind Spring -(Stamped Rewind Housing)
682	211516		SHIELD, Starter
851	221798		TERMINAL, Spark Plug
897	394970		KIT, Magnetron Ignition
949A	280680		GUARD, Rewind
949	396580		GUARD, Rewind
1016	490817		SPACER-REWIND -(Rewind)

Not For
Reproduction

Footnotes:

To Replace Crankshaft Gear Pin, Order Part No. 230978. Used Only on Crankshaft With Loose Gear.

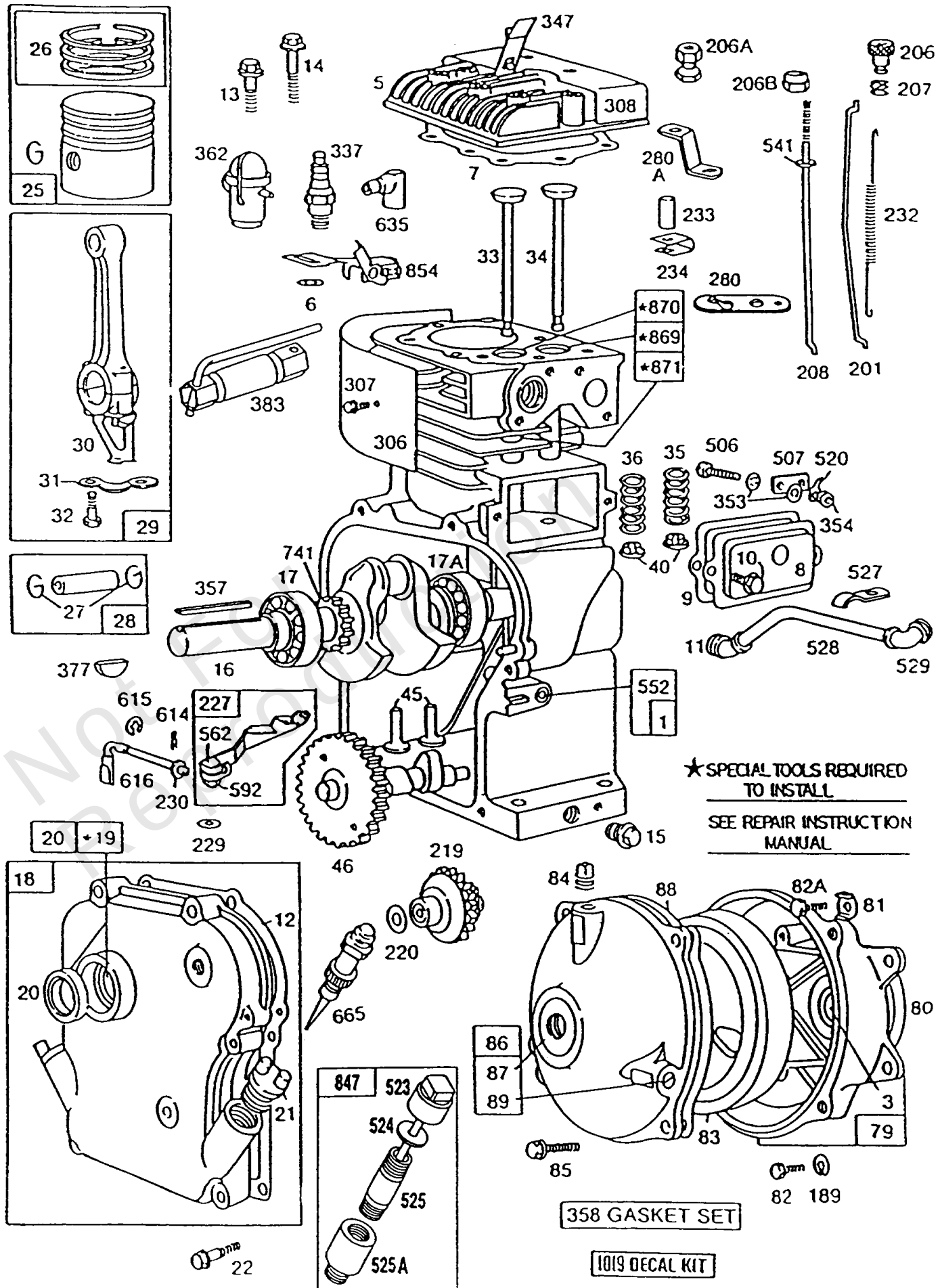


Cylinder, Gear Case, Piston Grp

REF NO	PART NO	QTY	DESCRIPTION
1	395990		CYLINDER ASSEMBLY
1	398765		CYLINDER ASSEMBLY -(Oil Guard) -Used Before Code Date 91070100
1	494955		CYLINDER ASSEMBLY -Used After Code Date 91063000
3	299819		SEAL, Oil -(Plain Bearing)
5	211542		HEAD, Cylinder
6	22963		WASHER
7	272157		GASKET, Cylinder Head -Included in Gasket Set-Part No. 397145
8	294178		COVER, Breather Passage
9	27549		GASKET, Rocker Cover -Included in Gasket Set-Part No. 397145
10	94621		SCREW -(Breather Assembly)
11	66578		TUBE, Breather
12	270080		GASKET, Crankcase -(.015) Included in Gasket Set-Part No. 397145
12	270125		GASKET, CRANKCASE -(.005) Included in Gasket Set-Part No. 397145
12	270126		GASKET-CRKCSE/009 -(.009) Included in Gasket Set-Part No. 397145
13	93583		STUD -(Cylinder Head)
13	94221		SCREW -(2 1/8) (Cylinder Head)
14	93369		SCREW -(2-15/32)(Cylinder Head)
14	93583		STUD -(Cylinder Head)
15	91249		PLUG, Oil Drain -(1/4 Square)
15	93448		PLUG, Oil Drain -(Flush) (1/4-18 NPTF) (Flush) (1/4 18 NPTF)
15	94105		SCREW -(Speed Control)
15	94174		PLUG, Oil Drain
16	397090		CRANKSHAFT -To Replace Crankshaft Gear Pin, Order Part No. 230978. Used Only on Crankshaft With Loose Gear.
17A	99157		BEARING-BALL -(Magneto Side)
17	99158		BEARING-BALL
18	298204		COVER, Crankcase -(Ball Bearing)
19	297603		KIT, Bushing/Seal
20	393812		SEAL-OIL
21	66768		PLUG, Oil
22	93032		SCREW -(Fuel Tank) (Tank)
22	93656		STUD
22	94067		STUD
25	298904		PISTON ASSEMBLY -(Standard)

Footnotes:

To Replace Crankshaft Gear Pin, Order Part No. 230978. Used Only on Crankshaft With Loose Gear.

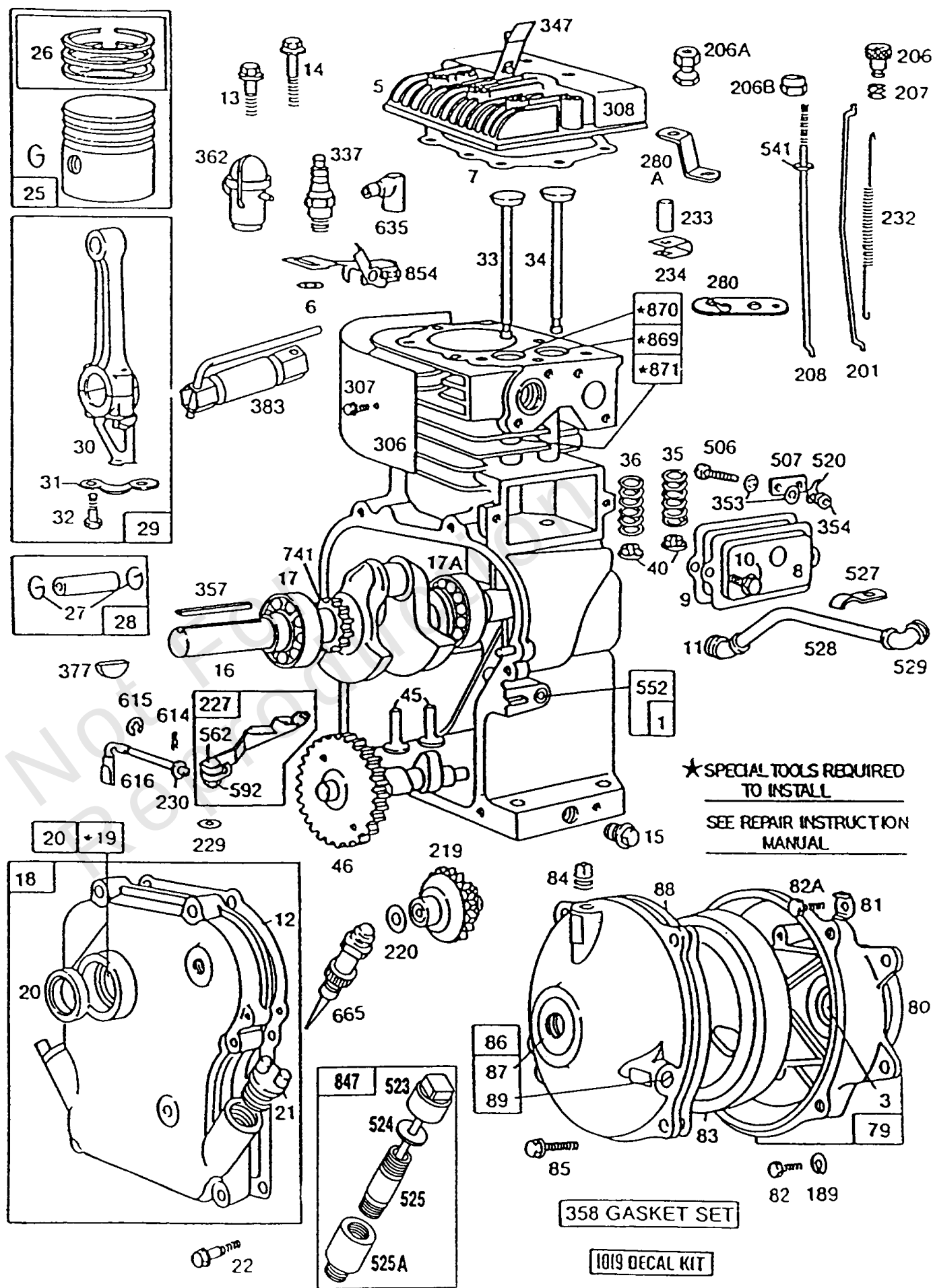


Cylinder, Gear Case, Piston Grp

REF NO	PART NO	QTY	DESCRIPTION
25	298905		PISTON ASSEMBLY -(.010 Oversize)
25	298906		PISTON ASSEMBLY -(.020 Oversize)
25	298907		PISTON ASSEMBLY -(.030 Oversize)
26	298982		RING SET-STD -(Standard)
26	298983		SET, Ring -(.010 Oversize)
26	298984		RING SET-020 -(.020 Oversize)
26	298985		SET, Ring -(.030 Oversize)
26	299742		SET, Ring -(Standard)
27	26026		LOCK, Piston Pin
28	298908		PIN, Piston -(.005 Oversize)
28	298909		PIN, Piston
29	299430		ROD, Connecting -For Connecting Rod With .020 Undersize Crankpin Bore-Order No. 390459
30	221890		DIPPER, Connecting Rod
31	221876		LOCK, Screw Head
32	92296		SCREW -(Connecting Rod)
33	211119		VALVE, Exhaust
33	262464		VALVE, Exhaust -Used After Code Date 90051400
34	261044		VALVE, Intake
35	260552		SPRING, Valve -(Exhaust)
36	262750		SPRING, Valve -(Exhaust) -Used After Code Date 90051400
36	26478		SPRING, Valve -(Exhaust)
40	230126		PIN, Retainer
40	292259		RETAINER, Valve -(Exhaust)
40	491442		RETAINER, Valve -(Exhaust) -Used After Code Date 90051400
40	93312		RETAINER, Valve -(Valves With Groove In Stem)
45	260642		TAPPET, Valve
46	212733		CAMSHAFT
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

Footnotes:

To Replace Crankshaft Gear Pin, Order Part No. 230978. Used Only on Crankshaft With Loose Gear.

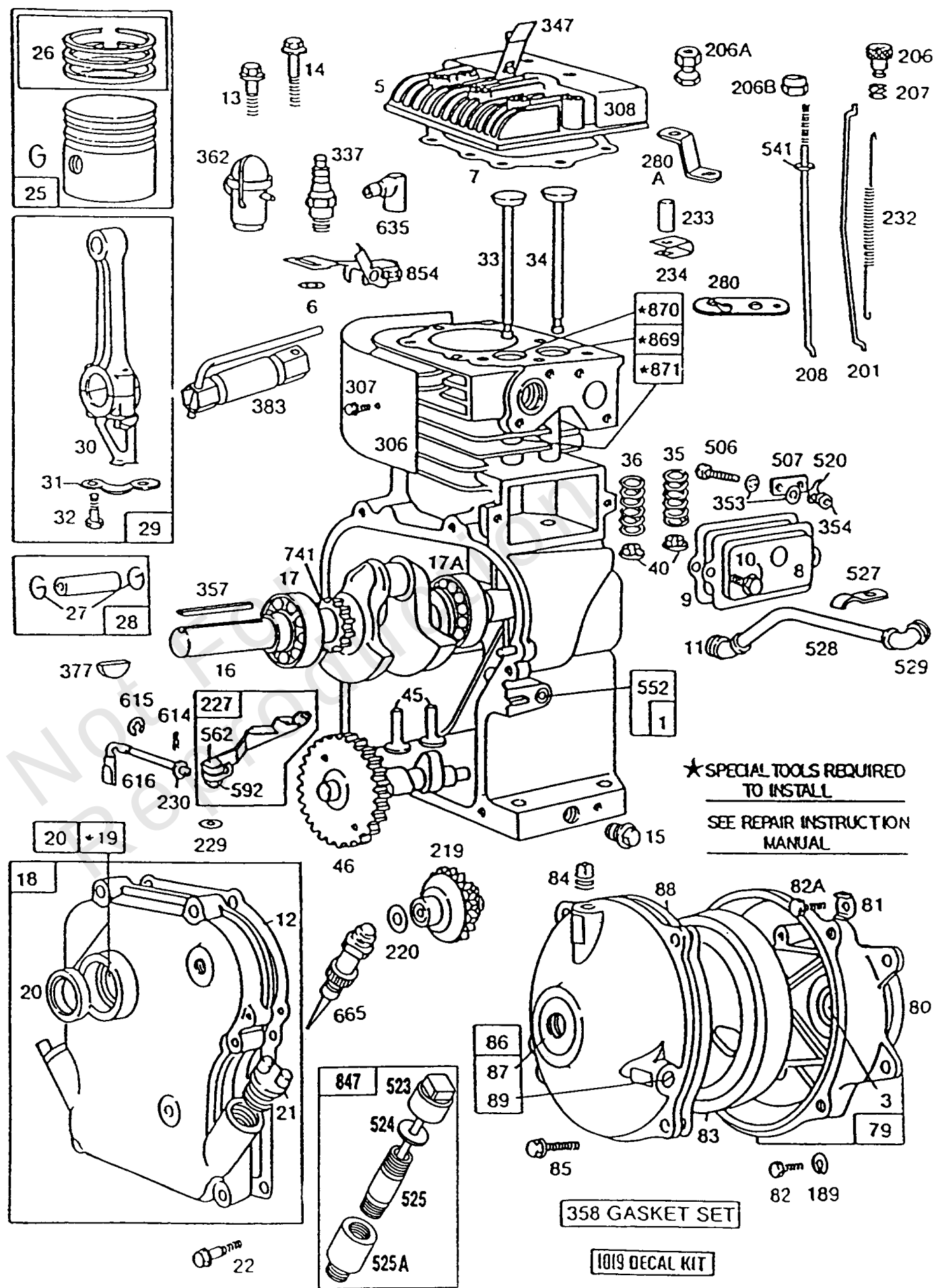


Cylinder, Gear Case, Piston Grp

REF NO	PART NO	QTY	DESCRIPTION
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	261558		LINK, Mechanical Governor
206B	94081		NUT -Used After Code Date 84042900
206B	93422		NUT -Used Before Code Date 84043000
206A	280012		NUT, Governor Adjusting
206	230149		NUT, Governor Adjusting -(5-44) -Used Before Code Date 84043000
206	231266		NUT, Governor Adjusting -(6-32) -Used After Code Date 84042900
207	26855		SPRING, Governor Link
208	230737		ROD, Governor Control -(5-44) (9-1/8) -Used Before Code Date 8404300
219	391737		GEAR, Governor -Used Before Code Date 91061000
219	494845		GEAR, Governor -Used After Code Date 91060900
220	221551		WASHER -(Governor Lever)
227	393920		LEVER, Governor Control
229	220680		WASHER
230	222450		WASHER
232	260478		SPRING/LINK, Mechanical Governor
233	230253		STOP, Shaft -(7/8)
234	220730		CLIP, Control Rod
280A	221384		BRACKET, Rod
280	223236		BRACKET, Rod
306	221511		SHIELD, Cylinder
307	93042		SCREW -Used Before Code Date 87020900
307	93490		SCREW -Used After Code Date 87020800
308	221512		COVER, Cylinder Head
337	293918		PLUG, Spark
337	29693		PLUG, Spark
337	298809		PLUG, Spark
337	392588		PLUG, Spark
337	394539		PLUG, Spark -(Resistor)
337	492167		PLUG, Spark

Footnotes:

To Replace Crankshaft Gear Pin, Order Part No. 230978. Used Only on Crankshaft With Loose Gear.

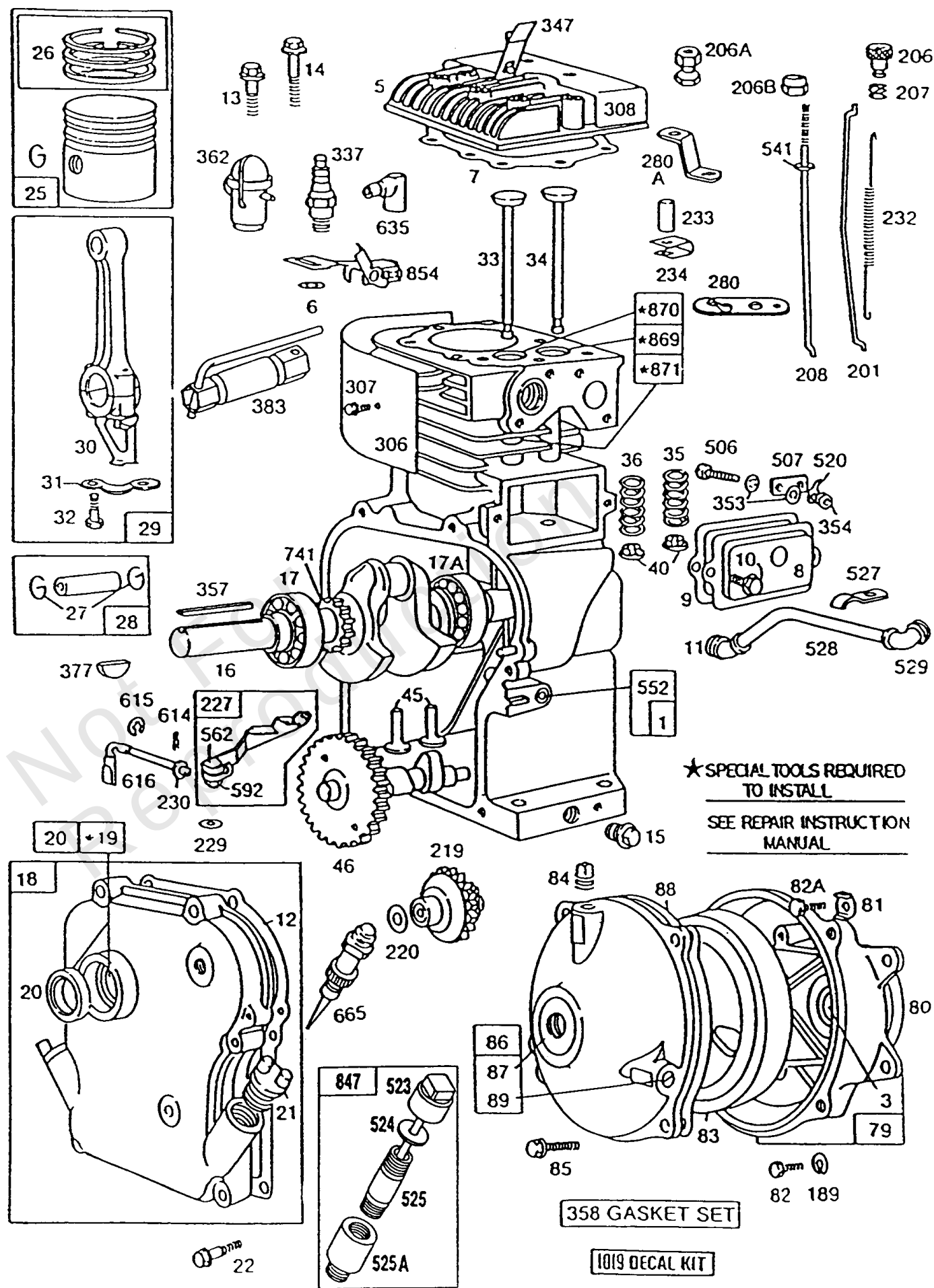


Cylinder, Gear Case, Piston Grp

REF NO	PART NO	QTY	DESCRIPTION
337	802592		PLUG, Spark -(Resistor)
347	390785		SWITCH, Spark Plug Stop -Used with 22963 Washer
353	92791		WASHER
354	90576		NUT -(Ground Terminal)
357	91539		KEY, Drive Pulley -(3/16 Square)
358	397145		GASKET SET, Engine
362	291630		SHIELD, Spark Plug -(With Stop Switch)
377	93065		KEY, Woodruff -(#6)
383	89838		WRENCH, Spark Plug
506	90200		SCREW -(8-32 X 1/2)
507	66895		INSULATOR
520	93722		TERMINAL, Ground
523	297357		DIPSTICK/CAP ASSEMBLY
524	65304		SEAL, O-Ring -(Dipstick Cap)
525A	394884		TUBE, Dipstick
525	91258		TUBE, Dipstick -(2 1/2)
527	221514		CLAMP, Tube -(Rotary Choke)
528	230722		TUBE, Breather -Used With Pull Choke Carburetors-Ref. 90A.
528	231328		TUBE, Breather -Used With Rotary Choke Carburetors-Ref. 90
528	231386		TUBE, Breather -Used With Heat Shield-Ref. 725A.
529	67838		GROMMET
541	22398		WASHER
552	231079		BUSHING, Governor Crank -(1/4 I.D.)
562	92613		BOLT -(Governor Lever)
592	231082		NUT -(Governor Control)
614	93306		PIN, Cotter
615	93307		RETAINER, Governor Shaft
616	231077		CRANK, Governor -(1/4 Diameter)
635	66538		BOOT, Spark Plug
665	298858		MINDER, Oil
741	261696		GEAR, TIMING -(Plain Bearing)
741	262060		GEAR-TIMING -(Ball Bearing)
847	493955		DIPSTICK/TUBE ASSEMBLY
854	392884		BRACKET, Stopswitch
869	211787		SEAT, Valve -(Intake)

Footnotes:

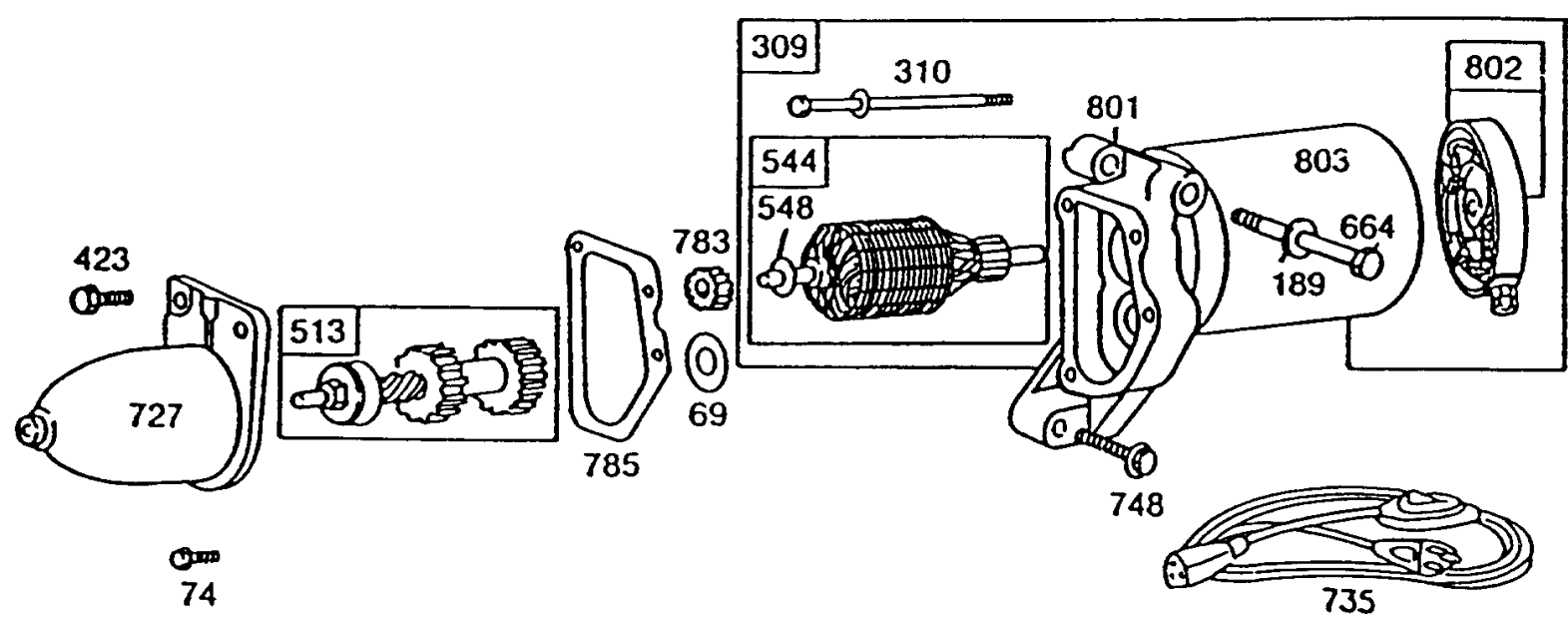
To Replace Crankshaft Gear Pin, Order Part No. 230978. Used Only on Crankshaft With Loose Gear.



Cylinder, GearCase, Piston Grp

REF NO	PART NO	QTY	DESCRIPTION
870	211172		SEAT, Valve -(Intake)
871	262001		BUSHING-VALVE GUIDE -(Exhaust)
871	63709		BUSHING, Valve Guide -(Intake)
1019	491100		KIT, Label

Not For
Reproduction



Reference Number	309	544	802	803
Starter Motor Mfr.	Motor	Armature Assembly	End Cap Ass'y. Commutator	Housing Assembly
American Bosch				
12V	390551*	390467	390465	390468
120V	393842**			

*Uses #92813 Lockwasher and #231082 Hex Nut.

**Includes Entire Motor and Drive Assembly.

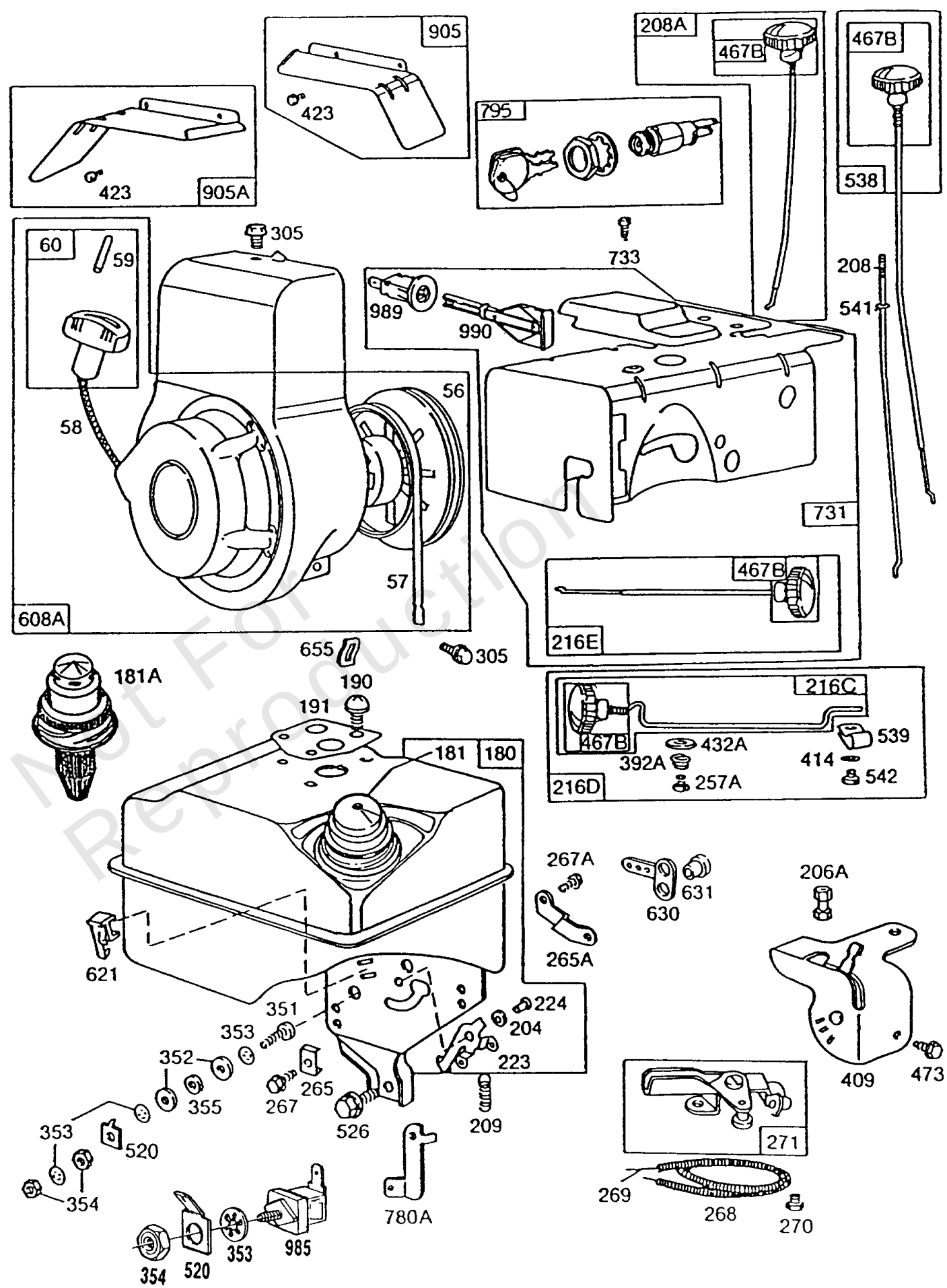
Ref Number	Ref. Number	Flywheel Ring Gear Material
513	727	
Drive Assembly	Drive Housing	
391029	390543	Steel
397645***	394416	Aluminum

*** Includes 280311 Starter Cover.

Reference Numbers								
69	310	423	548	664	748	783	785	801
Washer 93676	Motor Bolt 93648	Sem. Screw 93654	Washer 93649	Mtg. Screw 93358	Mtg. Screw 93534	Pinion 230972	Gasket 270718	Mtg. Head 390544

Electric Starter

REF NO	PART NO	QTY	DESCRIPTION
69	93676		WASHER -(Spring)
74	93490		SCREW -(Rotating Screen)
189	90366		WASHER
309	390551		MOTOR, Starter -(American Bosch 12V) Uses #92813 Lockwasher and #231082 Hex. Nut.
309	393842		MOTOR, Starter -(American Bosch 110V) Includes Entire Motor and Drive Assembly.
310	93648		SCREW
423	93410		SCREW
423	93654		SCREW
513	391029		DRIVE, Starter -(American Bosch 110V)
513	397645		CLUTCH, Drive -Includes 280311 Starter Cover.
544	390467		ARMATURE, Starter -(American Bosch 12V)
548	93649		WASHER
664	93358		SCREW
727	390543		COVER, Starter Drive -(Metal Flywheel Ring Gear)
727	394416		COVER, Starter Drive -(Aluminum Ring Gear)
735	390900		CORD, Starter -(Includes Switch)
748	93534		SCREW
783	230972		GEAR, Pinion -Parts Common to the 12V and 110V Motors
785	270718		GASKET, Starter Cover
801	390544		CAP, Drive
802	390465		CAP, End -(American Bosch 12V)
803	390468		HOUSING, Starter -(American Bosch 12V)

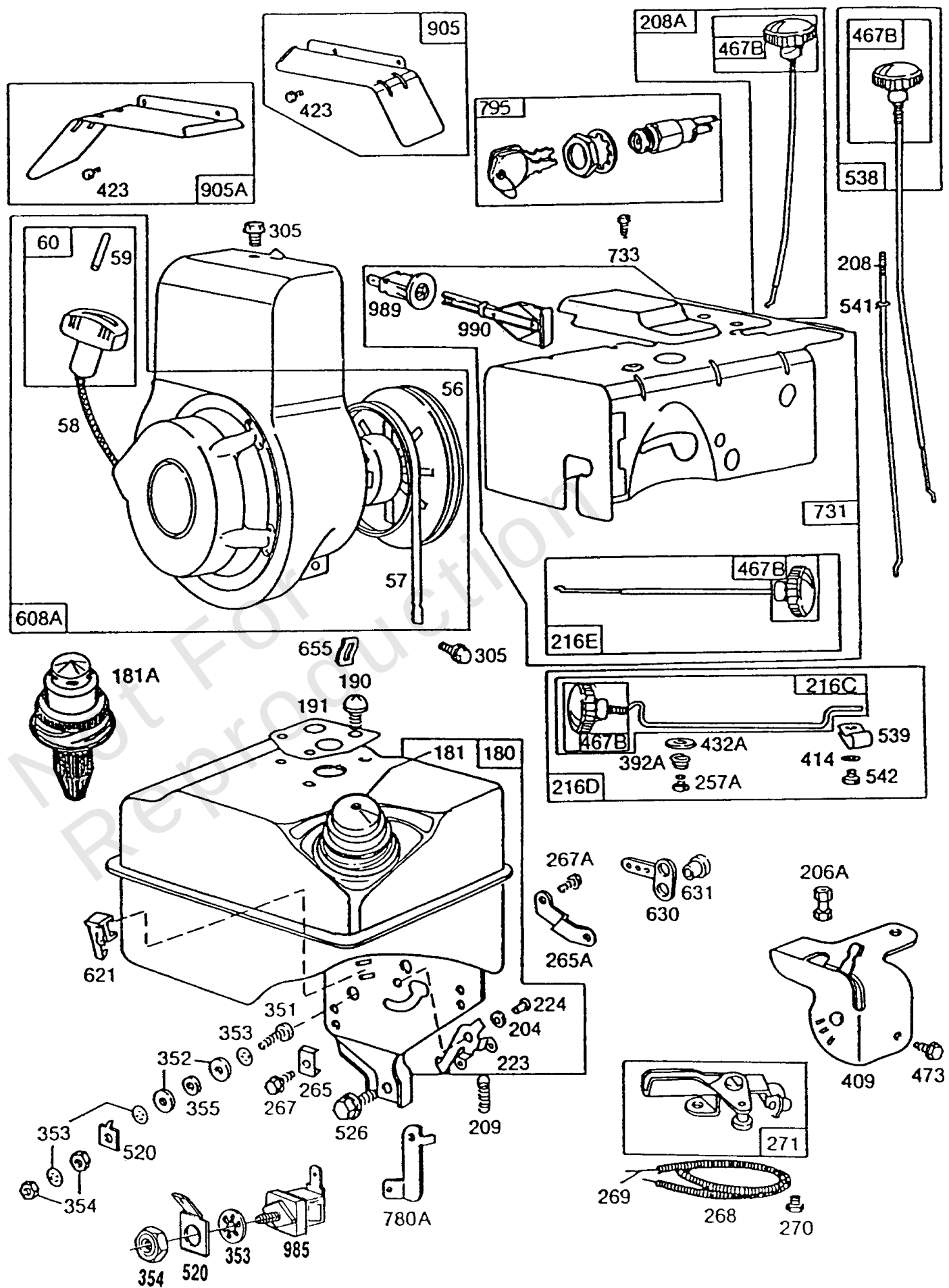


FuelTankAssy, Guards, Controls

REF NO	PART NO	QTY	DESCRIPTION
56	295871		PULLEY, Starter -(63 Rope) If Longer Rope is Required Order Rope No. 66894 and Cut to Length.
57	490179		SPRING-REWIND STR
58	66884		ROPE, Starter -(Cut To Required Length) If Longer Rope is Required Order Rope No. 66894 and Cut to Length.
59	490653		INSERT, Grip
60	490652		GRIP-STARTER ROPE
180	297600		TANK, Fuel -(3 Quart Tank) -Used Before Code Date 85050900
180	395548		TANK, Fuel -(1 Quart) -Used Before Code Date 85080100
180	397137		TANK, Fuel -Used Before Code Date 91042900
180	399438		TANK, Fuel -(1 Quart) -Used After Code Date 85073100
180	494600		TANK, Fuel -Used After Code Date 91042800
181A	397567		CAP, Fuel Tank
181	394818		CAP, Fuel Tank
190	93440		SCREW
191	272409		GASKET, Fuel Tank -Included in Gasket Set-Part No. 397145. Included in Carburetor Overhaul Kit-Part No. 494624
204	222962		BUSHING, Lever
206A	280012		NUT, Governor Adjusting
208A	399111		ROD, Control
208	230737		ROD, Governor Control -(5-44) (9-1/8) -Used Before Code Date 8404300
209	260695		SPRING, Governor
216E	399110		ROD, Choke
216D	394562		ROD, Choke
216C	399109		ROD, Choke
223	221517		LEVER, Governor Control
224	93491		RIVET
224	93495		RIVET -(Governor Control) Used With 221517 Lever, 222597 Lever-Adapter
257A	92484		SCREW
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)

Footnotes:

399438 and 395548 Use: 395556 Bracket-Control
(Used on Sno-Gard Only.)

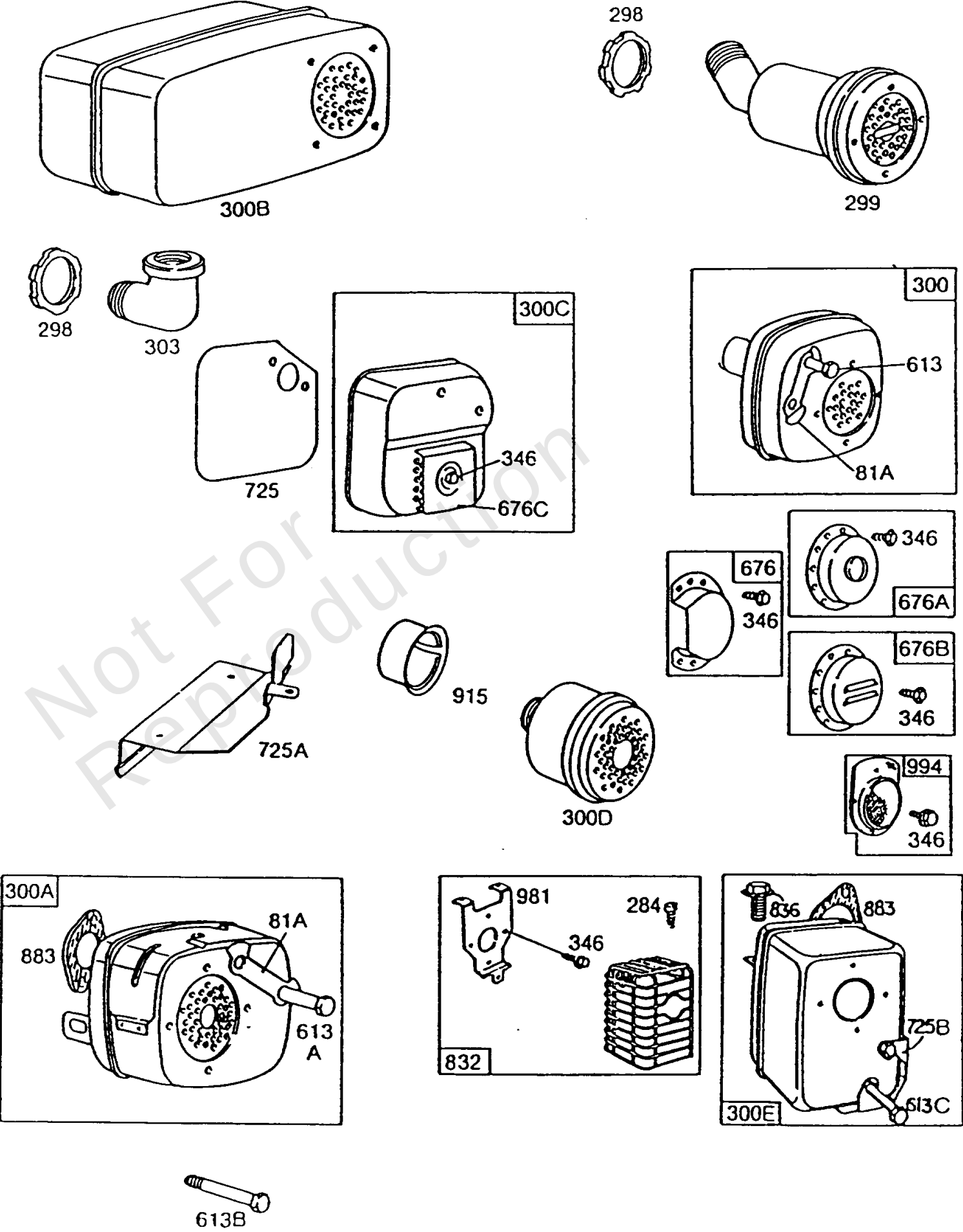


Fuel Tank Assy, Guards, Controls

REF NO	PART NO	QTY	DESCRIPTION
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
305	94608		SCREW -(Fuel Shut Off)
351	93735		SCREW
352	66068		WASHER -(Fiber)
353	92791		WASHER
354	90576		NUT -(Ground Terminal)
355	66554		WASHER -(Insulating)
392A	260847		SPRING, Friction
409	299837		CONTROL, Speed
414	220982		WASHER
423	93410		SCREW
423	93654		SCREW
432A	221766		SPRING, Friction
467B	391908		KNOB, Air Cleaner Cover
473	93612		SCREW
520	93722		TERMINAL, Ground
526	94409		SCREW -(Fuel Tank)
538	390756		ROD, Control
539	93784		CLAMP
541	22398		WASHER
542	94025		SCREW
608A	297372		STARTER, Rewind -(10 O'clock)
621	297472		SWITCH, Stop
630	222597		LEVER, Governor Control
631	230852		KIT, Bushing/Seal
655	222598		ANCHOR, Rewind Spring -(Stamped Rewind Housing)
731	399183		HOOD, Snow
733	93977		SCREW
780A	222267		ANCHOR, Spring -Uses: 222268 Connector-Control Cable 93496 Screw for Mounting to Tank Bracket
795	392833		SWITCH, Key
905A	394511		SHIELD, Snow
905	394510		SHIELD, Snow
985	398525		INSULATOR
989	399668		SWITCH, Stop -Used Before Code Date 87010100
989	491060		SWITCH, Stop -Used After Code Date 86123100
990	280596		SET, Key

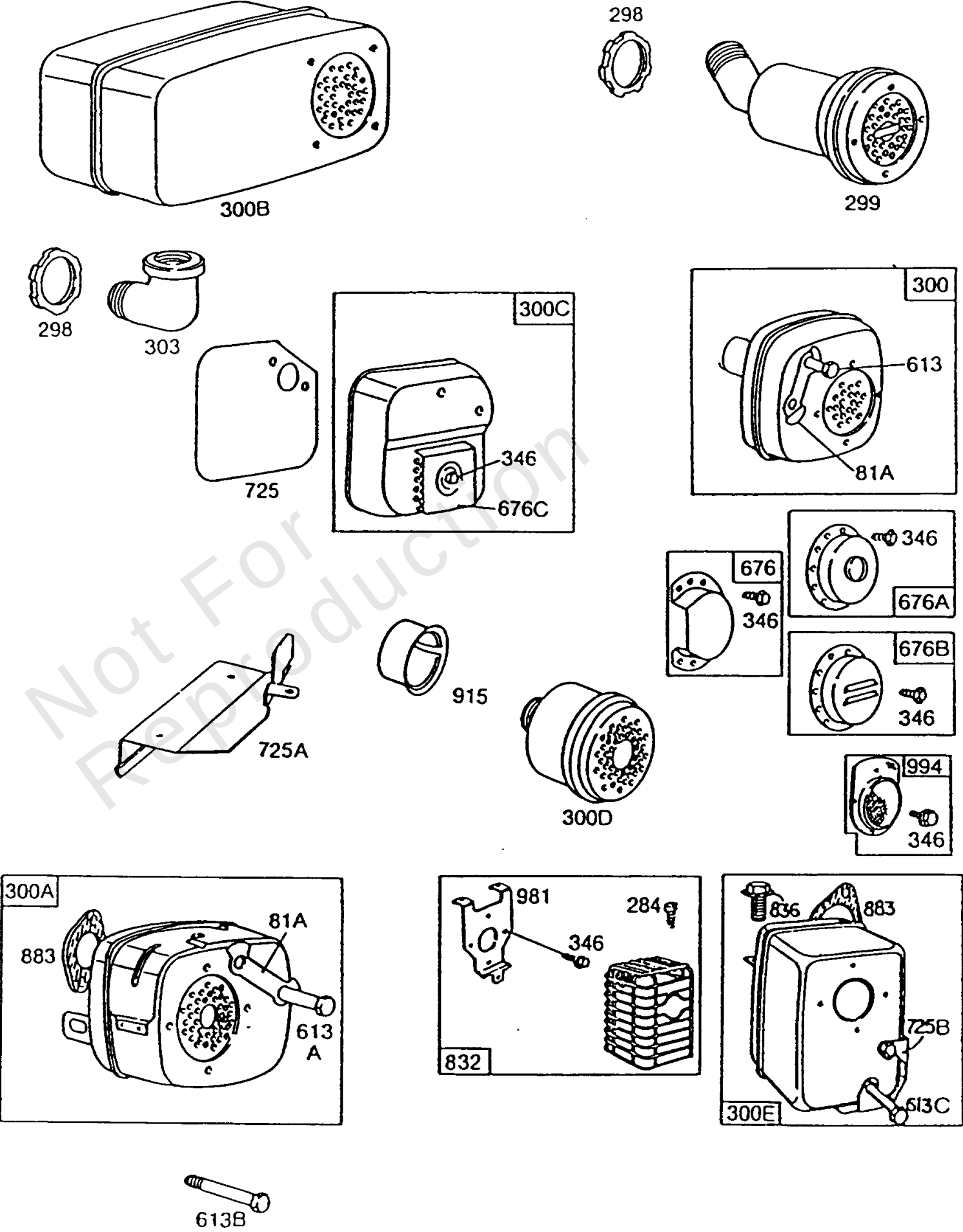
Footnotes:

399438 and 395548 Use: 395556 Bracket-Control
(Used on Sno-Gard Only.)



Mufflers and Deflectors

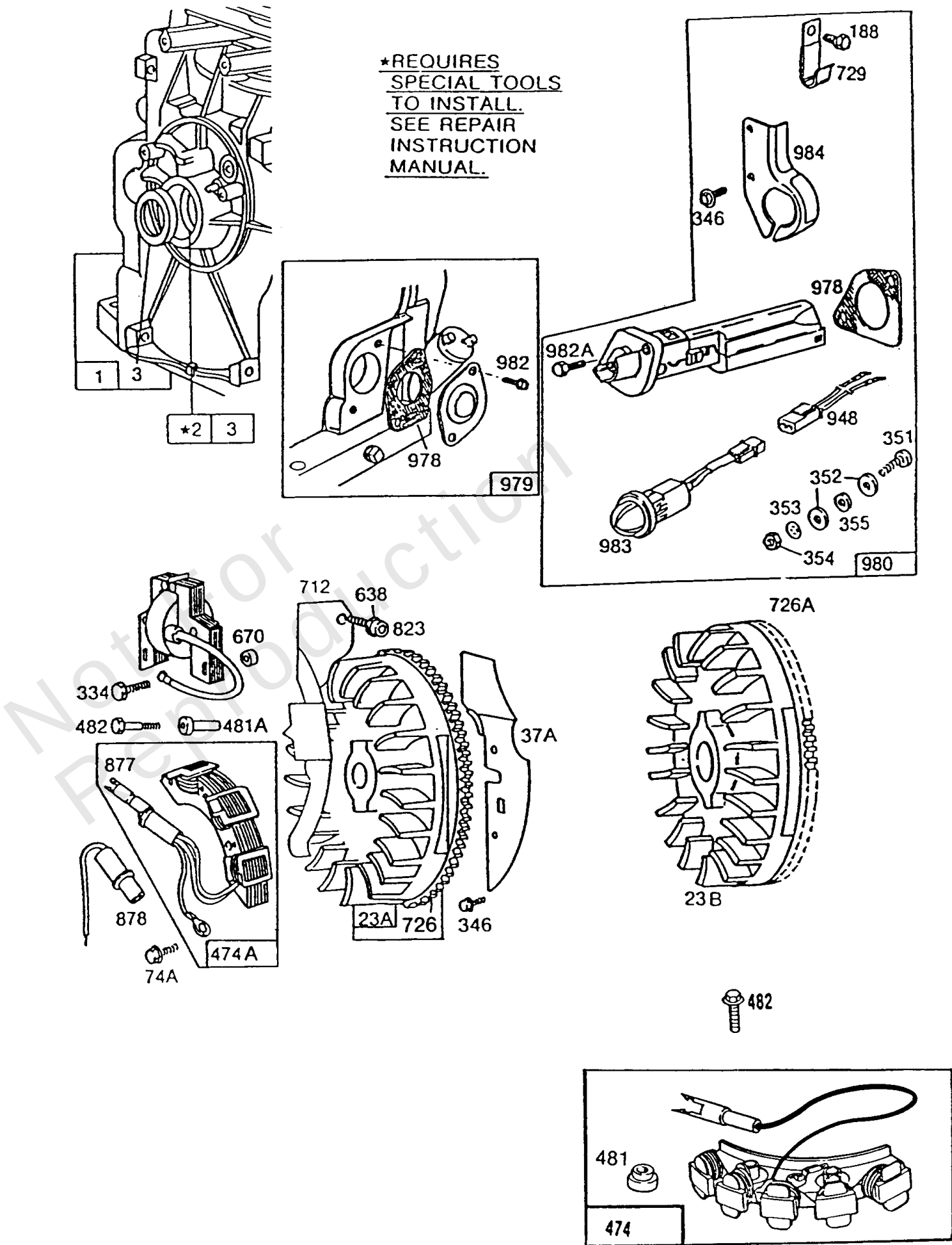
REF NO	PART NO	QTY	DESCRIPTION
81A	222263		LOCK, Muffler Screw -(3/8 Diameter Bolt Holes)
284	93572		SCREW -(10-32 X 3/8)
298	261409		LOCKNUT -(Muffler and Elbow)
299	393368		MUFFLER -(20 Degree)
300A	94153		SCREW -Used After Code Date 88090200
300A	93415		SCREW -(1/4-20 X 3/4) -Used Before Code Date 88090300
300C	297274		DEFLECTOR, Muffler
300B	392101		MUFFLER -(Super Lo Tone)
300D	394569		MUFFLER -(Lo Tone)
300A	391313		MUFFLER -Uses: 391232 Guard-Muffler
300A	390918		MUFFLER -(Lo Tone)
300A	222379		RETAINER, Muffler Guard -Used Before Code Date 88090300
300	393615		MUFFLER -(Lo Tone) Parts Furnished by Equip. Manufacturer
303	91219		ELBOW, Exhaust -(45 Degree Street)
303	91464		ELBOW, Exhaust -(90 Degree Street)
346	93705		SCREW -(8-32 X 3/8)
613A	93704		SCREW -(Muffler) -Used Before Code Date 82091300
613A	94042		SCREW -(Muffler)
613C	94054		SCREW -(Muffler)
613B	93377		SCREW -(Muffler)
613	93935		SCREW -(Muffler)
676B	393758		DEFLECTOR, Muffler -(Louvered Outlet)
676A	395700		DEFLECTOR, Muffler -(Direct Outlet)
676C	393750		DEFLECTOR, Muffler
676	393757		DEFLECTOR, Muffler -(Side Outlet)
725A	223334		SHIELD, Heat
725B	223303		SHIELD, Heat
725	221885		SHIELD, Heat
832	398069		GUARD, Muffler
836	93559		SCREW -(Tank) (Fuel Tank)
883	270918		GASKET, Exhaust
915	222933		LINER, Port
981	223373		BRACKET, Muffler Guard



Mufflers and Deflectors

REF NO	PART NO	QTY	DESCRIPTION
994	399541		ARRESTOR, Spark

Not For Reproduction

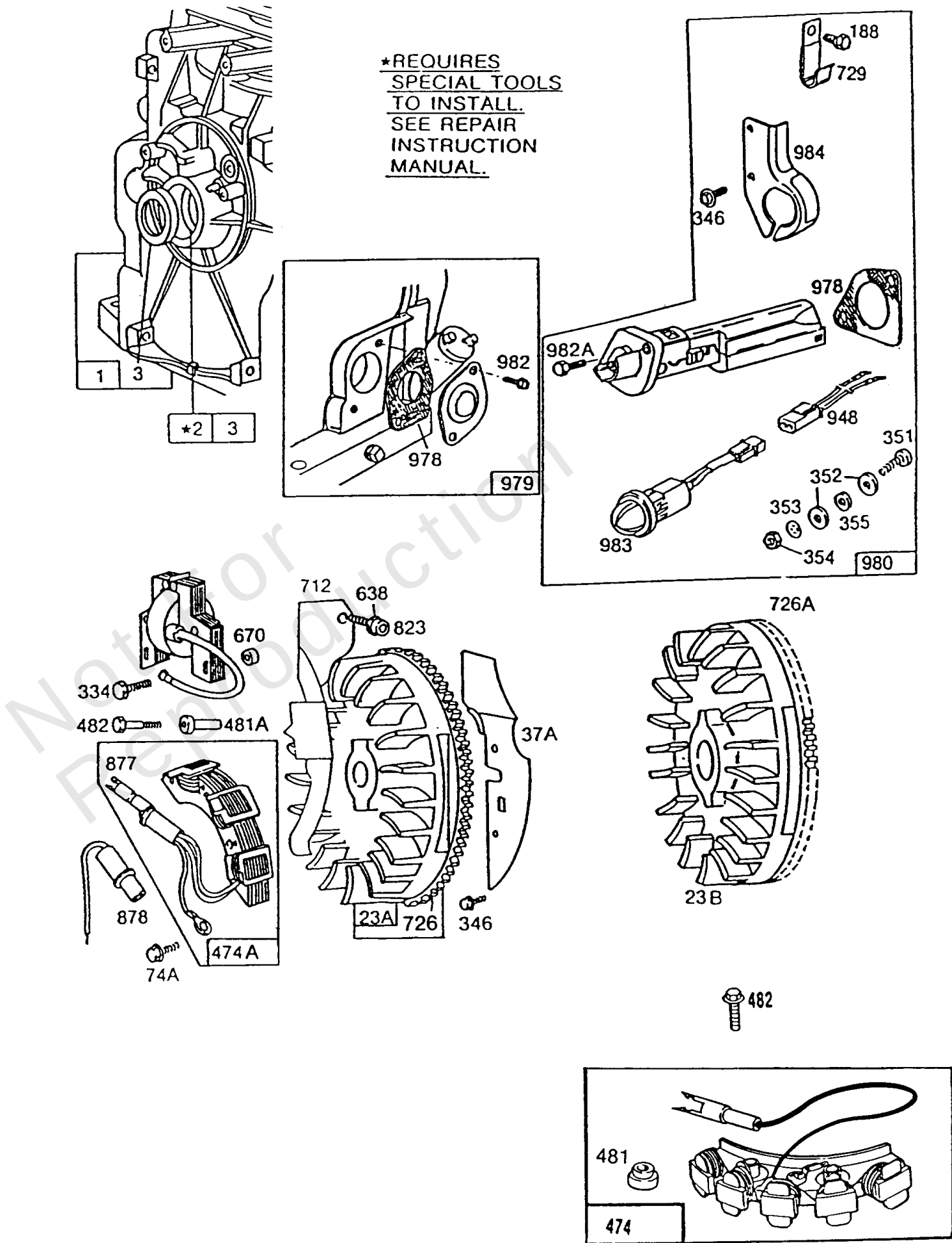


Oil Gard, Flywheels, Elect.

REF NO	PART NO	QTY	DESCRIPTION
1	395990		CYLINDER ASSEMBLY
1	398765		CYLINDER ASSEMBLY -(Oil Guard) -Used Before Code Date 91070100
1	494955		CYLINDER ASSEMBLY -Used After Code Date 91063000
2	297565		KIT, Bushing/Seal
3	299819		SEAL, Oil -(Plain Bearing)
23B	394424		FLYWHEEL -(Aluminum Ring Gear) Used With Electric Motor With Nylon Pinion Gear.
23A	390509		FLYWHEEL -(Includes Steel Ring Gear) Used With Electric Motor With Steel Pinion Gear.
37A	222578		GUARD, Flywheel -(Electric Starter)
74A	93410		SCREW -Used to Mount Ground Wire to Cover When Starter Motor is Omitted.
188	93559		SCREW -(Tank) (Fuel Tank)
334	93613		SCREW -(Armature)
346	93705		SCREW -(8-32 X 3/8)
351	93735		SCREW
352	66068		WASHER -(Fiber)
353	92791		WASHER
354	90576		NUT -(Ground Terminal)
355	66554		WASHER -(Insulating)
474A	494254		ALTERNATOR -Used Before Code Date 91041500
474	494254		ALTERNATOR -Used After Code Date 91041400
481A	230970		BUSHING, Alternator -Used Before Code Date 91041500
481	231767		BUSHING, Alternator -Used After Code Date 91041400
482	93639		SCREW
638	93713		WASHER
670	261065		SPACER
712	222279		GUARD, Flywheel -(With Two Tabs For 1-1/8 Cut Out In Blower Hsg)
712	223140		GUARD, Flywheel -(With One Tab for 1-5/8 Cut Out in Blower Hsg)
726A	397644		GEAR, Ring -(Aluminum)
726	494548		GEAR, Ring -(Includes Mounting Hardware)
729	223528		CLIP -(Retainer)
823	93712		SCREW
877	393854		WIRE/CONNECTOR, Alternator
878	393422		WIRE ASSEMBLY -(Dc Only)

Footnotes:

To Replace Crankshaft Gear Pin, Order Part No. 230978. Used Only on Crankshaft With Loose Gear.



Oil Gard, Flywheels, Elect.

REF NO	PART NO	QTY	DESCRIPTION
948	398661		HARNESS, Wiring
978	271736		GASKET, Oil Guard -(Oil Guard)
979	494807		COVER, Oil Guard
980	398182		KIT, Oil Gard
982A	94146		SCREW -(Oil Guard)
982	94658		SCREW
983	398660		LIGHT, Indicator -(Mounting With Light Bracket)
984	223527		BRACKET, Oil Guard Light

Not For
Reproduction

Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	1220320533	1	Replacement Engine
	-----		Top No-Load Speed: 3100 -Trim: 01
	-----		Service Note: Replacement engine listed is not available in the State of California. Repair with individual parts.
	-----		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.

