

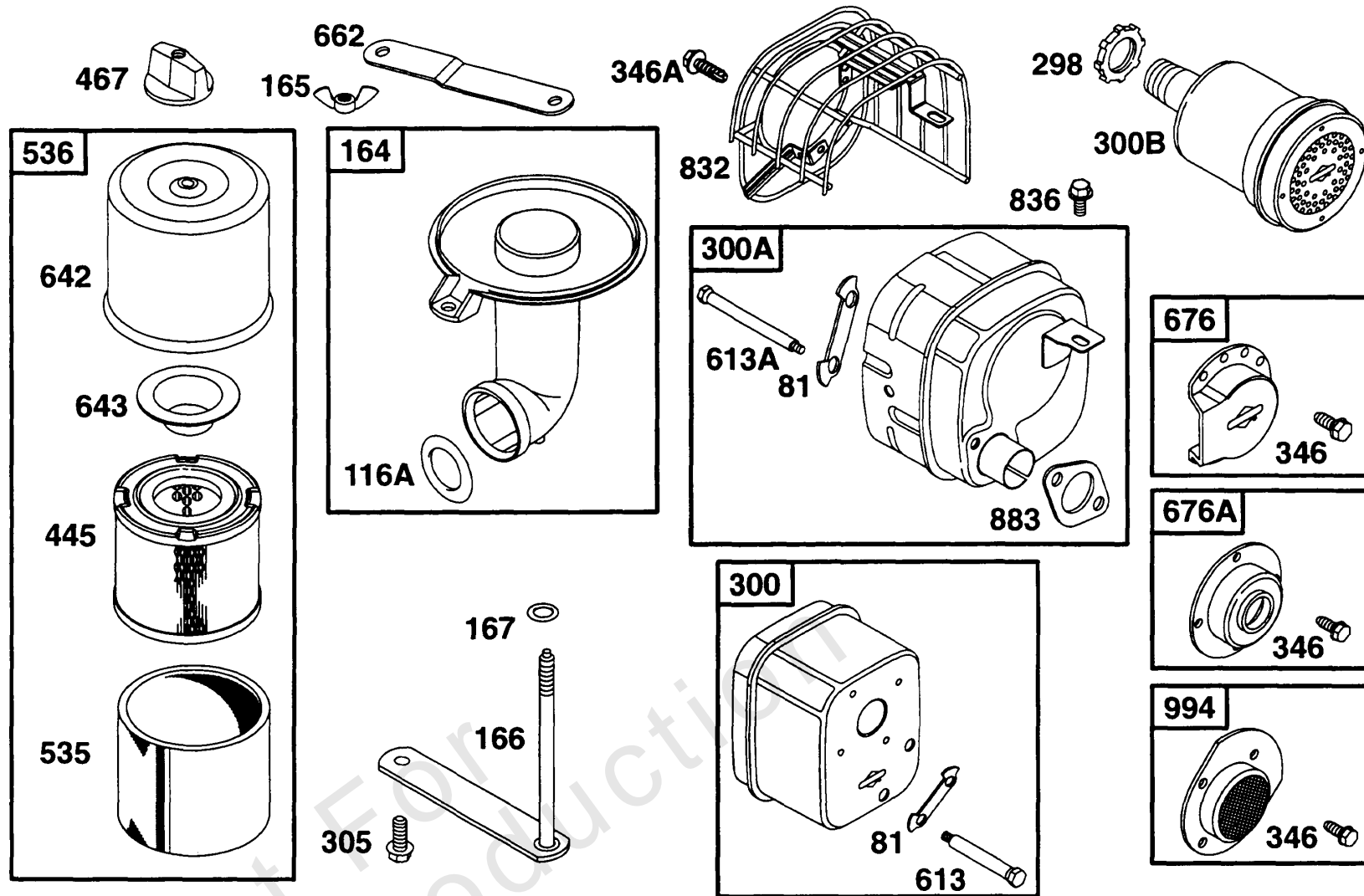


Parts Manual

Mfg. No: 170437-6114-02

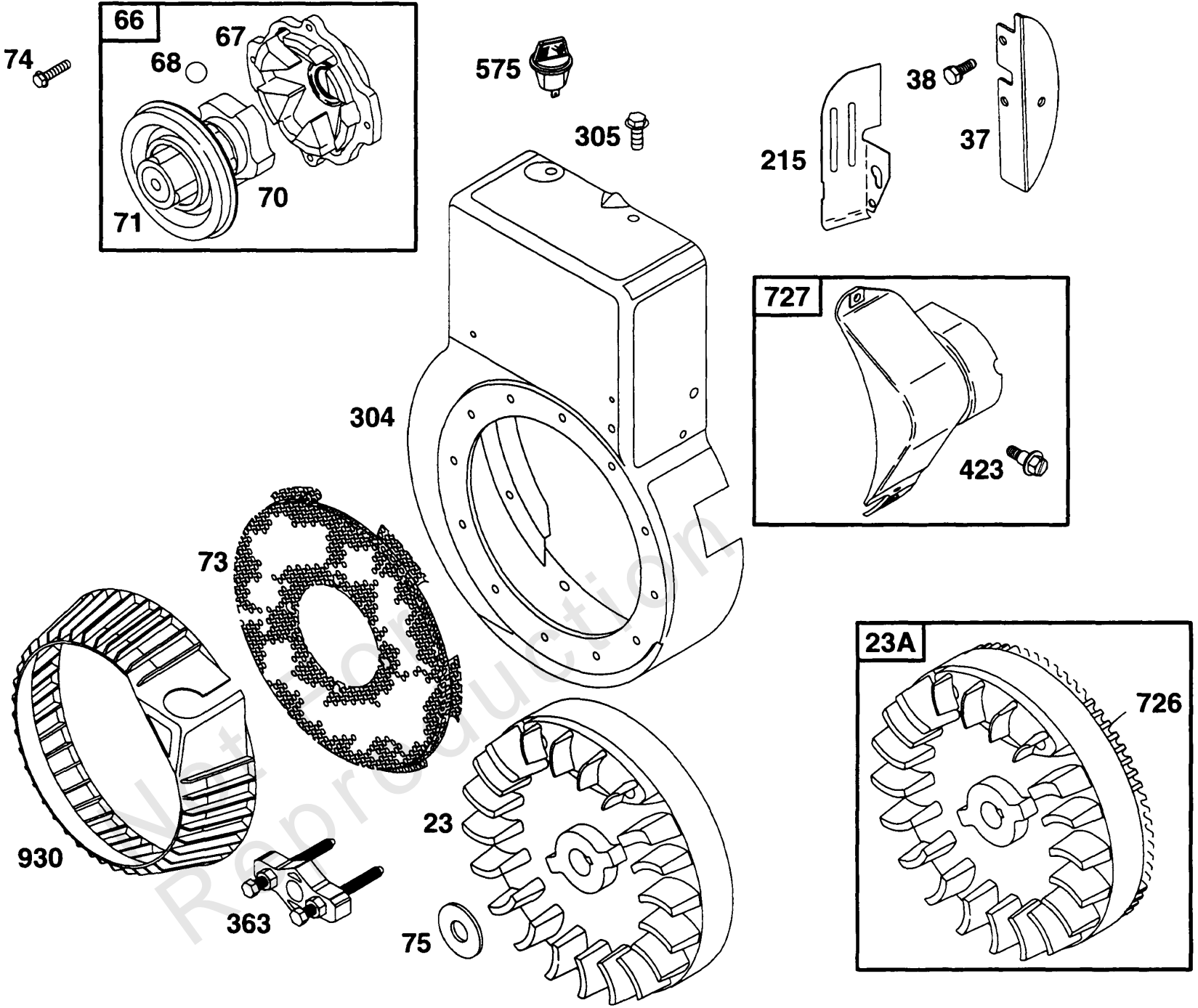
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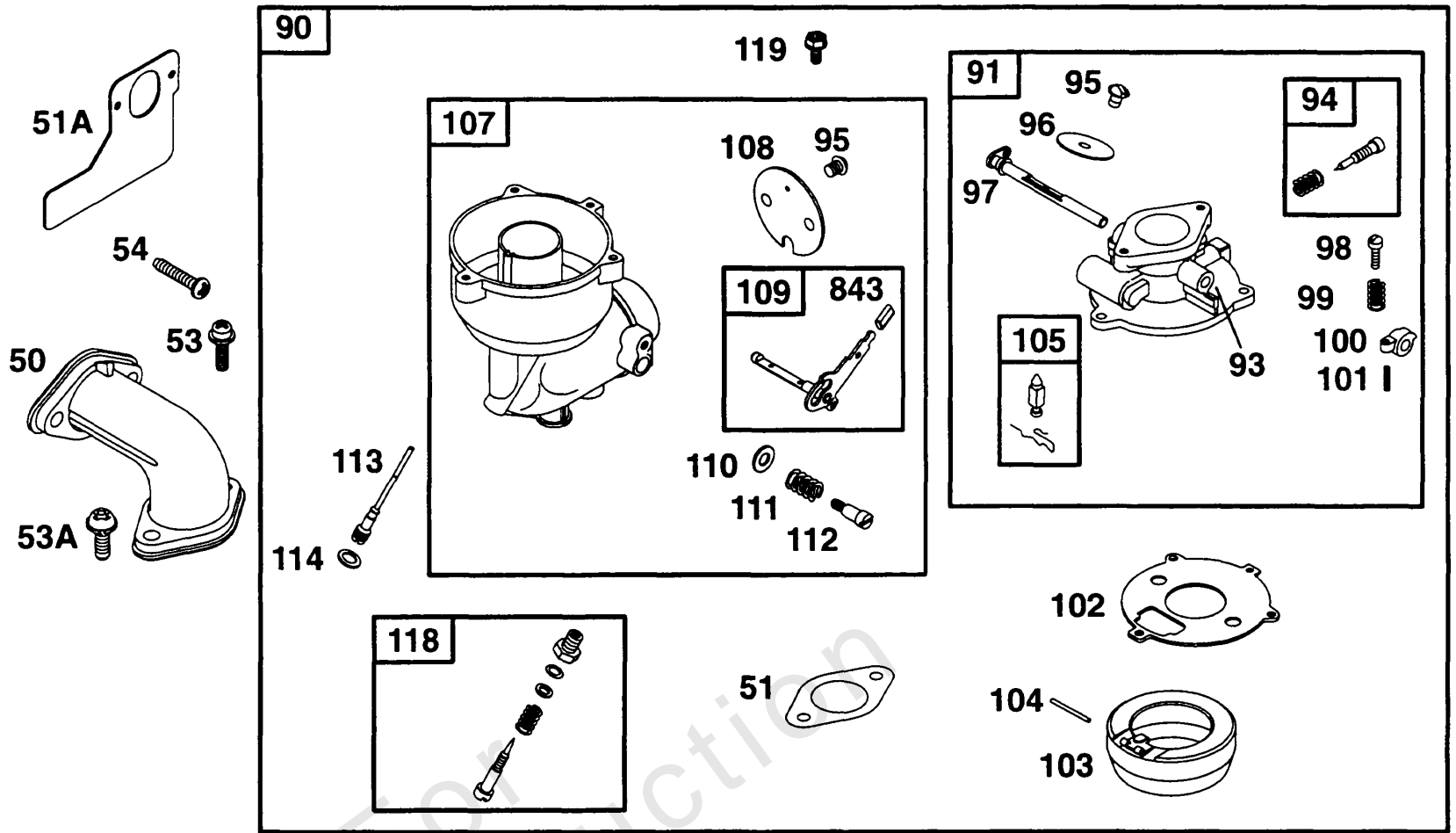
Air Cleaner Grp, Muffler Grp

REF NO	PART NO	QTY	DESCRIPTION
81	222263		LOCK, Muffler Screw -(3/8 Diameter Bolt Holes)
116A	271265		SEAL, O-Ring
164	398592		ELBOW, Intake
165	94289		NUT
166	392105		STRAP/STUD, Air Cleaner Mounting -(9 9/16)
167	65978		SEAL, O-Ring -(Needle Valve)
298	261409		LOCKNUT -(Muffler and Elbow)
300B	393010		MUFFLER -(Round Lo Tone)
300A	391313		MUFFLER
300	494221		MUFFLER
305	94786		SCREW -(1/2)
346A	93606		SCREW
346	94786		SCREW -(1/2)
346	94896		SCREW -(Muffler Deflector)
445	393957		FILTER, A/C Cartridge
467	493903		KNOB, Air Cleaner Cover
535	271794		FILTER, Air Cleaner Foam
536	391063		CLEANER, Air
613A	94042		SCREW -(Muffler)
613	94054		SCREW -(Muffler)
642	224885		COVER, Air Cleaner
643	222272		RETAINER, Air Filter
662	224484		BRACE, Air Cleanr
676A	395700		DEFLECTOR, Muffler -(Direct Outlet)
676	393757		DEFLECTOR, Muffler -(Side Outlet)
832	492337		GUARD, Muffler
836	94786		SCREW -(1/2)
883	272309		GASKET, Exhaust -Included in Valve Overhaul Gasket Set-Part No. 498533. Included in Gasket Set-Part No. 299577
994	399541		ARRESTOR, Spark



Blower Hsg, Flywheel

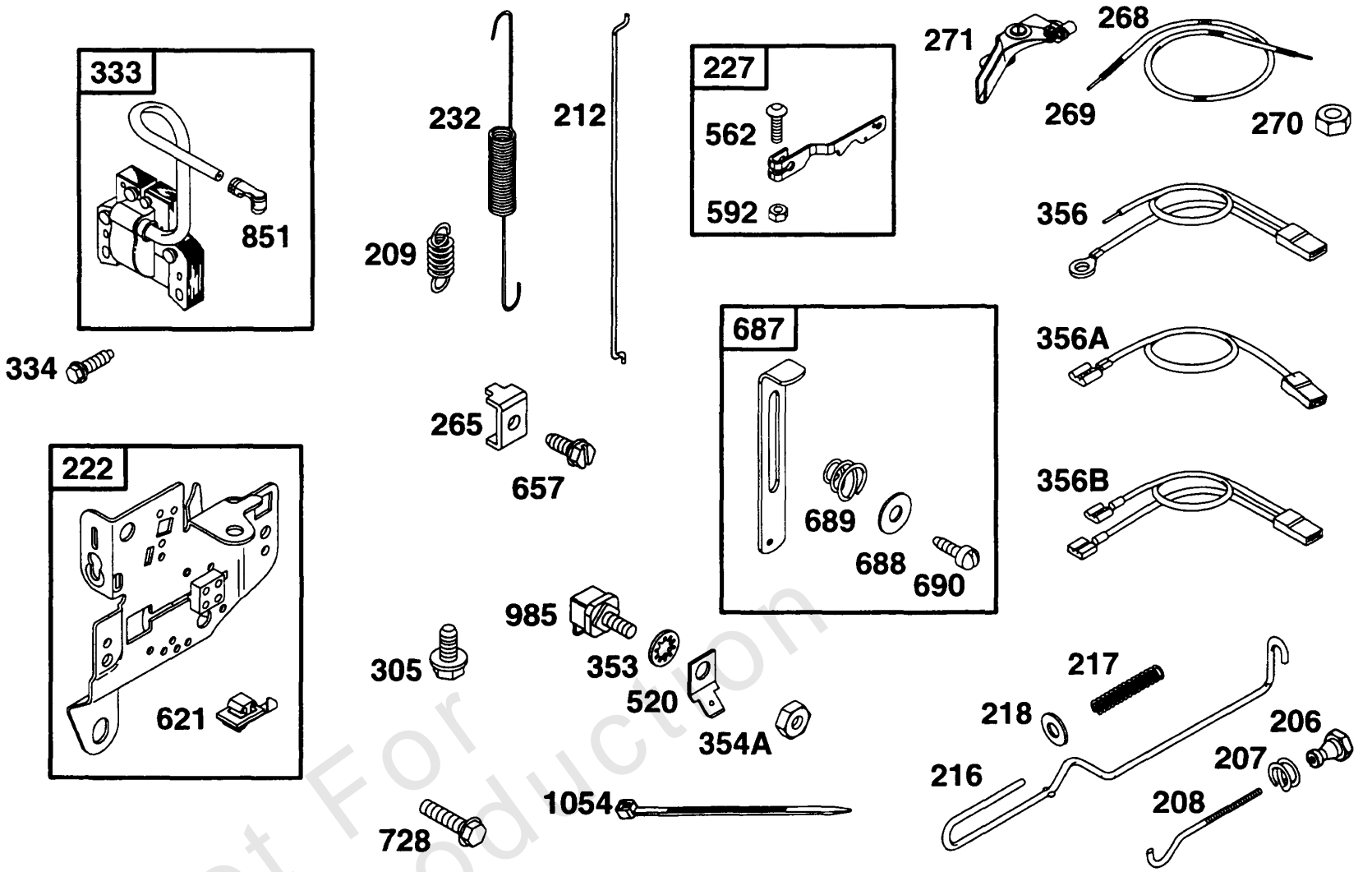
REF NO	PART NO	QTY	DESCRIPTION
23A	391983		FLYWHEEL -(Engines With Alternator)
23	298260		FLYWHEEL
37	222475		GUARD, Flywheel
38	94811		SCREW
66	399671		CLUTCH-STARTER -(Uses Rubber Coated Retainer Washer-Ref. 71)
67	394897		HOUSING, Clutch
68	63770		BALL, Clutch
70	298799		RATCHET, Clutch -(engine W/Ring Gear on FW equipped for Elec Start)
71	394506		COVER, Ratchet -(Rubber Coated)
73	224874		SCREEN, Rotating
74	93758		SCREW -(Rotating Screen)
75	225136		WASHER -(Flywheel)
215	221760		GUIDE, Air
304	491592		HOUSING, Blower
305	94786		SCREW -(1/2)
363	19203		PULLER, Flywheel
423	94625		SCREW
575	396691		SWITCH, Rotary -(Mechanical Governor)
726	399676		GEAR, Ring -(Aluminum)
727	395405		COVER, Starter Drive
930	280685		GUARD, Rewind



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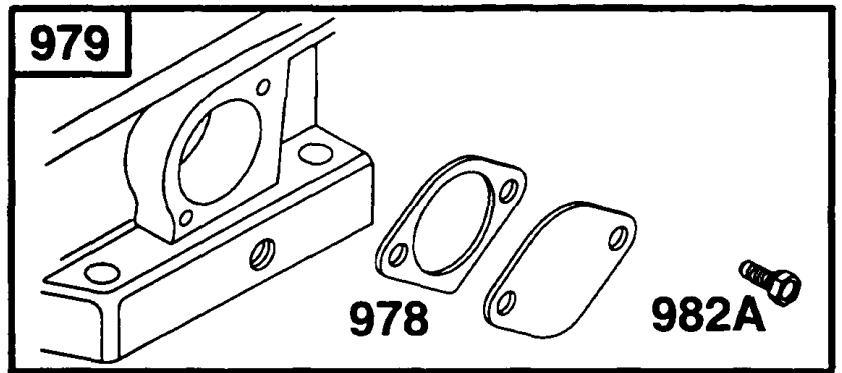
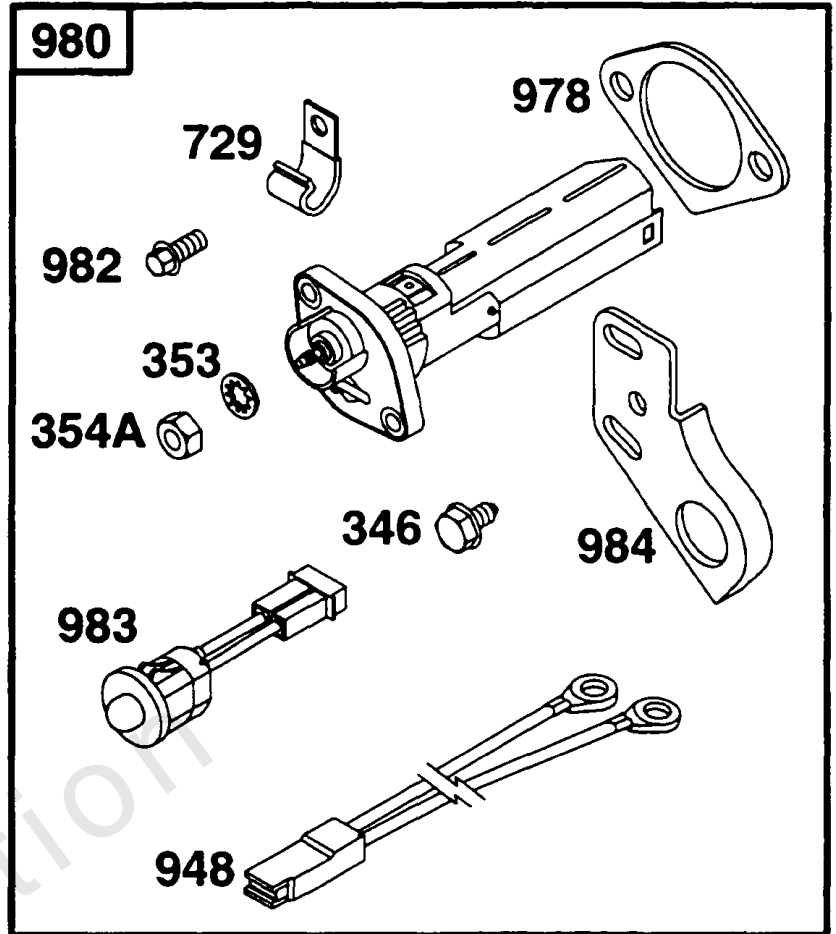
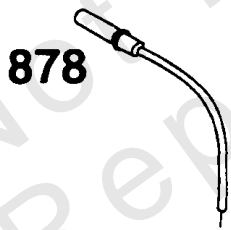
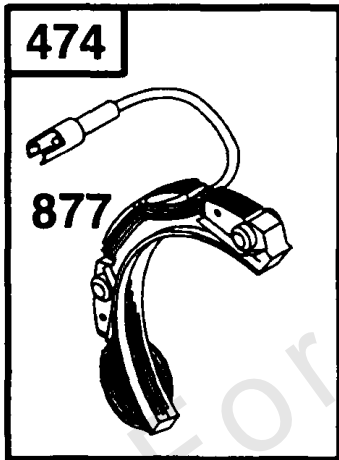
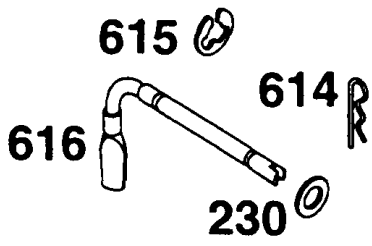
Carburetor Assy

REF NO	PART NO	QTY	DESCRIPTION
50	212488		MANIFOLD, Intake
51A	27828		GASKET, Intake -Included in Valve Overhaul Gasket Set-Part No. 498533. Included in Gasket Set-Part No. 299577
51	270684		GASKET, Intake -Included in Carburetor Kit-Part No. 398235. Included in Gasket Set-Part No. 299577
53A	94616		SCREW -(T-30)
53	94839		SCREW
54	93208		SCREW -(Intake Manifold)
90	390323		CARBURETOR -(Manual Choke)
91	399443		BODY, Upper Carburetor
93	23108		BUSHING, Throttle Shaft
94	292681		VALVE, Idle Mixture -Included in Carburetor Kit-Part No. 398235
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 Kit-Part No. 398235
103	99333		FLOAT, Carburetor
104	231435		PIN, Float Hinge -Included in Carburetor Kit-Part No. 398235
105	394681		KIT, Needle/Seat -(Gravity Feed) Included in Carburetor Kit-Part No. 398235
107	399442		BODY, Lower Carburetor
108	62872		VALVE, Choke
109	391987		SHAFT, Choke -(Manual)
110	222712		WASHER
111	26155		SPRING, Friction
112	23123		SCREW
113	398202		NOZZLE, Carburetor -Included in Carburetor Kit-Part No. 398235
114	68667		WASHER -(Viton Seat) Included in Carburetor Kit-Part No. 398235
118	99525		VALVE, High Speed -Included in Carburetor Kit-Part No. 398235
119	94152		SCREW -(Upper To Lower Carburetor Body)
843	280149		SLEEVE, Lever



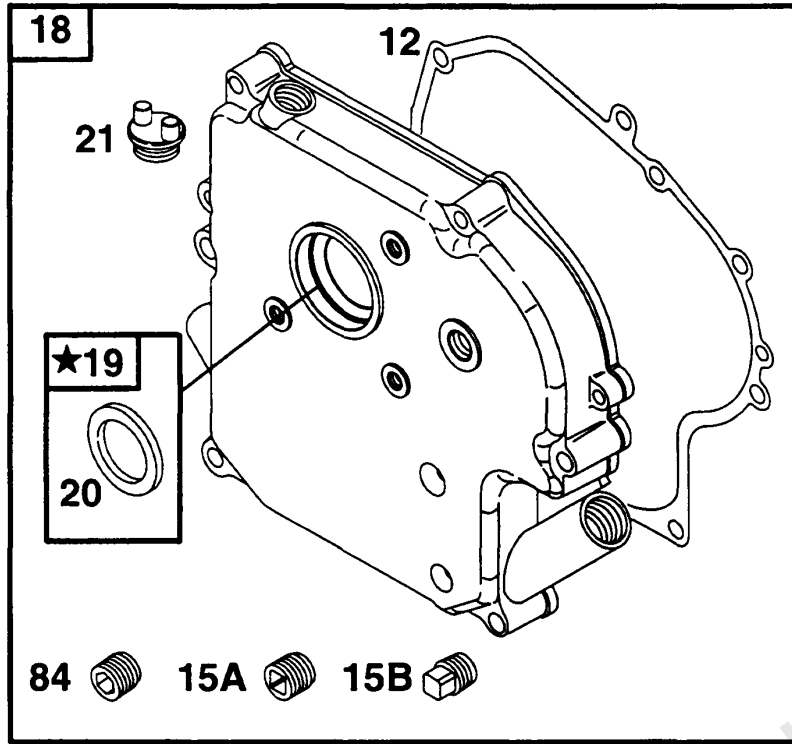
Controls, Elect

REF NO	PART NO	QTY	DESCRIPTION
206	231266		NUT, Governor Adjusting -(6-32)
207	26855		SPRING, Governor Link
208	261959		ROD, Governor Control
209	261126		SPRING, Governor
212	260872		LINK, Throttle
216	262026		LINK, Choke
217	261119		SPRING, Choke Return
218	222352		WASHER
222	399151		BRACKET, Control -(Manual Choke)
227	391965		LEVER, Governor Control -(1/4 Diameter)
232	260478		SPRING/LINK, Mechanical Governor
265	221535		CLAMP, Casing -(Stamped Steel)
268	65616		CASING, Control Wire -(Cut To Required Length)
269	26633		WIRE, Control -(Cut To Required Length)
270	63426		NUT -(Control Wire Casing)
271	290568		LEVER, Control
305	94786		SCREW -(1/2)
333	398811		ARMATURE, Magneto -(Magneton Ignition)
334	94731		SCREW -(Magneto)
353	92791		WASHER
354A	90576		NUT -(Ground Terminal)
356A	491927		WIRE, Stop
356B	491391		WIRE, Stop
356	398808		WIRE, Stop -(Cut To Required Length)
520	93722		TERMINAL, Ground
562	94907		BOLT
592	231082		NUT -(Governor Control)
621	396847		SWITCH, Stop
657	94906		SCREW
687	390701		SLIDE, Control
688	221766		SPRING, Friction
689	260847		SPRING, Friction
690	90746		SCREW -(10-32 X 5/8)
728	94627		SCREW -(Fuel Tank)
851	493880		TERMINAL, Spark Plug
985	398525		INSULATOR
1054	280275		TIE, Cable

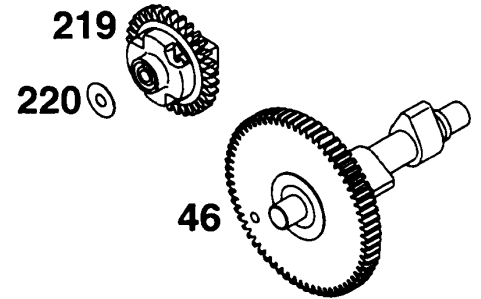


Controls, Elect, Oil Gard

REF NO	PART NO	QTY	DESCRIPTION
230	94927		WASHER -(Governor Lever)
346	94786		SCREW -(1/2)
346	94896		SCREW -(Muffler Deflector)
353	92791		WASHER
354A	90576		NUT -(Ground Terminal)
474	391529		ALTERNATOR -(DC Only)
482	93621		SCREW -(Tapping)
614	93306		PIN, Cotter
615	93307		RETAINER, Governor Shaft
616	495241		CRANK, Governor
729	223528		CLIP -(Retainer)
729	225170		CLIP, Wire
877	393814		WIRE/CONNECTOR, Alternator -(10 Amp Regulated)
878	393422		WIRE ASSEMBLY -(Dc Only)
948	398661		HARNESS, Wiring
978	271736		GASKET, Oil Guard -Included in Gasket Set-Part No. 299577
979	494807		COVER, Oil Guard
980	398182		KIT, Oil Gard
982A	94139		SCREW -(Oil Guard)
982	94657		SCREW
983	398660		LIGHT, Indicator -(Mounting With Light Bracket)
984	223773		BRACKET, Oil Guard Light

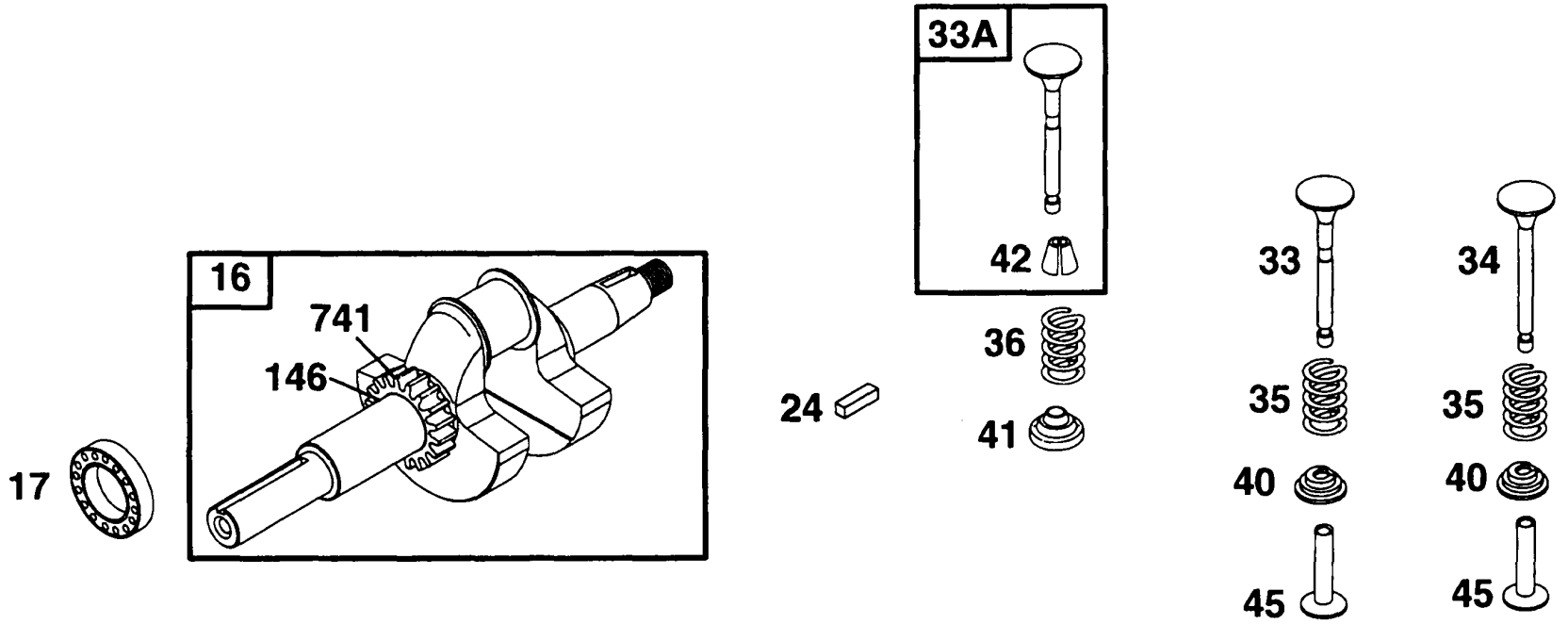


★ REQUIRES SPECIAL TOOLS TO INSTALL.
SEE REPAIR INSTRUCTION MANUAL.



Crankcase Cover, Cam

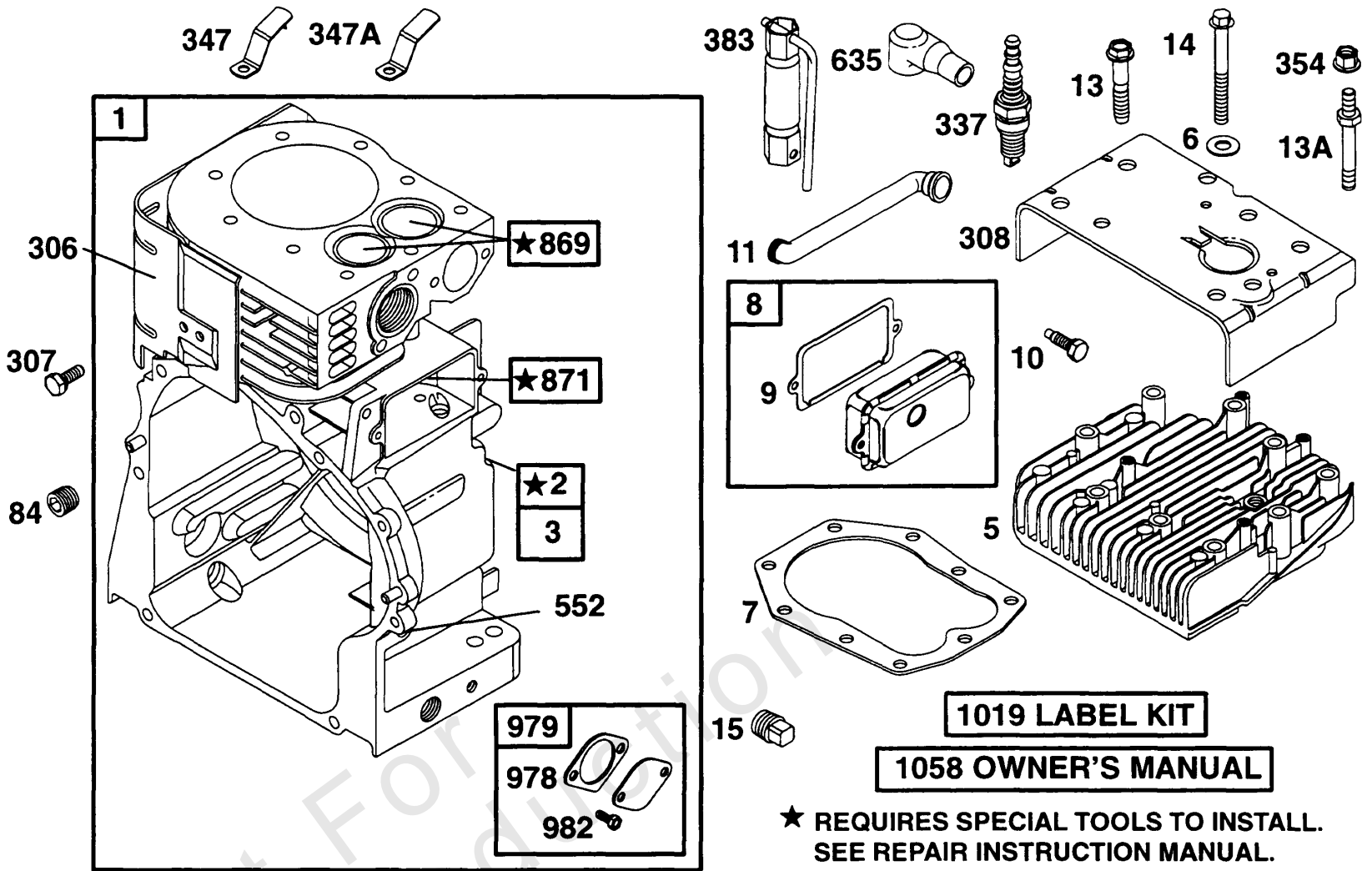
REF NO	PART NO	QTY	DESCRIPTION
12	271701		GASKET, Crankcase -(.015) Included in Gasket Set-Part No. 299577
12	27876		GASKET, Crankcase -(.005) Included in Gasket Set-Part No. 299577
12	27877		GASKET, Crankcase -(.009) Included in Gasket Set-Part No. 299577
15B	91488		PLUG -(1/8)
15A	94880		PLUG, Oil Drain -(Flush)
18	496979		COVER, Crankcase
19	295964		KIT, Bushing/Seal -(PTO Side)
20	391086		SEAL, Oil -Included in Gasket Set-Part No. 299577
21	281658		PLUG, Oil
22	93585		SCREW -(Crankcase Cover)
46	214786		CAMSHAFT
84	94497		PLUG, Oil Drain -(1/8-27 NPTF Hex. Socket) (Impulse Pump Hole)
219	494845		GEAR, Governor -Used Before Code Date 96010100
219	497037		GEAR, Governor -Used After Code Date 95123100
220	221551		WASHER -(Governor Lever)



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Crankshaft Grp

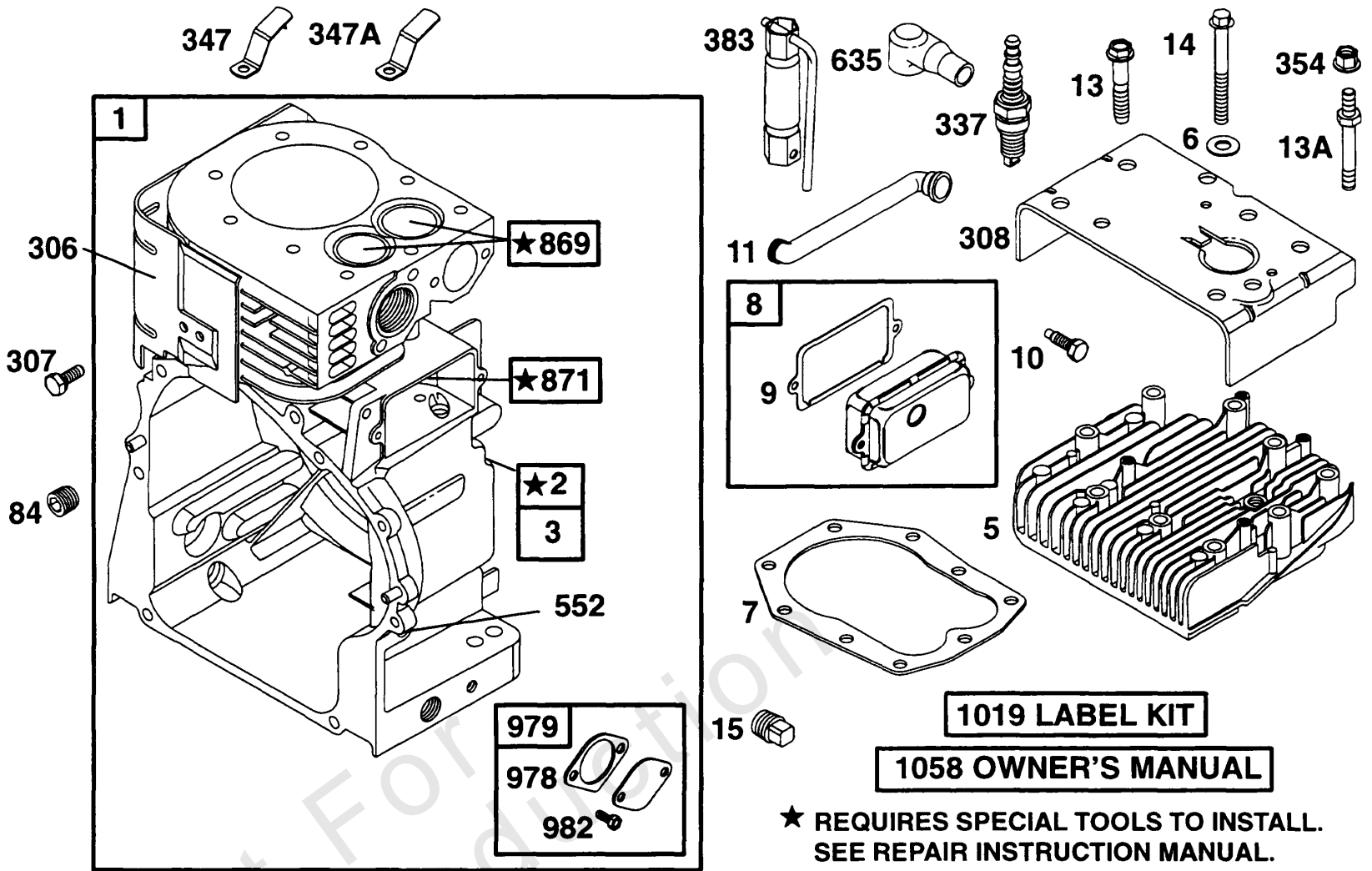
REF NO	PART NO	QTY	DESCRIPTION
16	495775		CRANKSHAFT
17	29530		BEARING, Ball
24	222698		KEY, Flywheel
33A	390419		VALVE, Exhaust -(Includes Retainer(s)) -Used Before Code Date 95041700
33	263017		VALVE, Exhaust -Used After Code Date 95041600
34	261055		VALVE, Intake
35	65906		SPRING, Valve -Used After Code Date 95041600
36	26828		SPRING, Valve -(Exhaust) -Used Before Code Date 95041700
40	221596		RETAINER, Valve -(Valves With Groove In Stem) -Used After Code Date 95041600
41	292260		RETAINER, Valve -(Exhaust Valve) -Used Before Code Date 95041700
42	494553		KEEPER, Valve -(Exhaust) -Used Before Code Date 95041700
45	260933		TAPPET, Valve
146	94388		KEY, Timing
741	263025		GEAR, Timing



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Cylinder, Head

REF NO	PART NO	QTY	DESCRIPTION
1	495631		CYLINDER ASSEMBLY -(Includes Oil Gard Cover)
2	495657		KIT, Bushing/Seal -(Magneto Side)
3	391086		SEAL, Oil -Included in Gasket Set-Part No. 299577
5	214014		HEAD, Cylinder
6	225137		WASHER
7	272163		GASKET, Cylinder Head -Included in Valve Overhaul Gasket Set-Part No. 498533. Included in Gasket Set-Part No. 299577
8	495724		BREATHER ASSEMBLY
9	27803		GASKET, Rocker Cover -Included in Valve Overhaul Gasket Set-Part No. 498533. Included in Gasket Set-Part No. 299577
10	94621		SCREW -(Breather Assembly)
11	280267		TUBE, Breather -(Used with Nylon Air Cleaner Pipe)
13A	94926		STUD -(3 15/16) (3 5/16)
13A	94929		SCREW -(Control Bracket)
13A	94776		STUD -(3 15/16)
13	94565		SCREW -(Cylinder Head) (3 9/16)
14	94622		SCREW -(3)
15	94239		PLUG, Oil Drain -(Square Head)
84	94497		PLUG, Oil Drain -(1/8-27 NPTF Hex. Socket) (Impulse Pump Hole)
306	496797		SHIELD-CYLINDER
307	94930		SCREW -(Cylinder Shield)
308	224896		COVER, Cylinder Head
337	492167		PLUG, Spark
337	802592		PLUG, Spark -(Resistor)
347A	225171		SWITCH, Stop
347	293739		SWITCH, Spark Plug Stop
354	94726		NUT
383	89838		WRENCH, Spark Plug
552	491986		BUSHING, Governor Crank -(1/4 I.D.)
635	66538		BOOT, Spark Plug
869	211661		SEAT, Valve -(Exhaust)
871	231218		BUSHING, Valve Guide -(Intake)
871	261961		BUSHING, Valve Guide -(Exhaust)
978	271736		GASKET, Oil Guard -Included in Gasket Set-Part No. 299577
979	494807		COVER, Oil Guard
982	94657		SCREW
1019	491103		KIT, Label

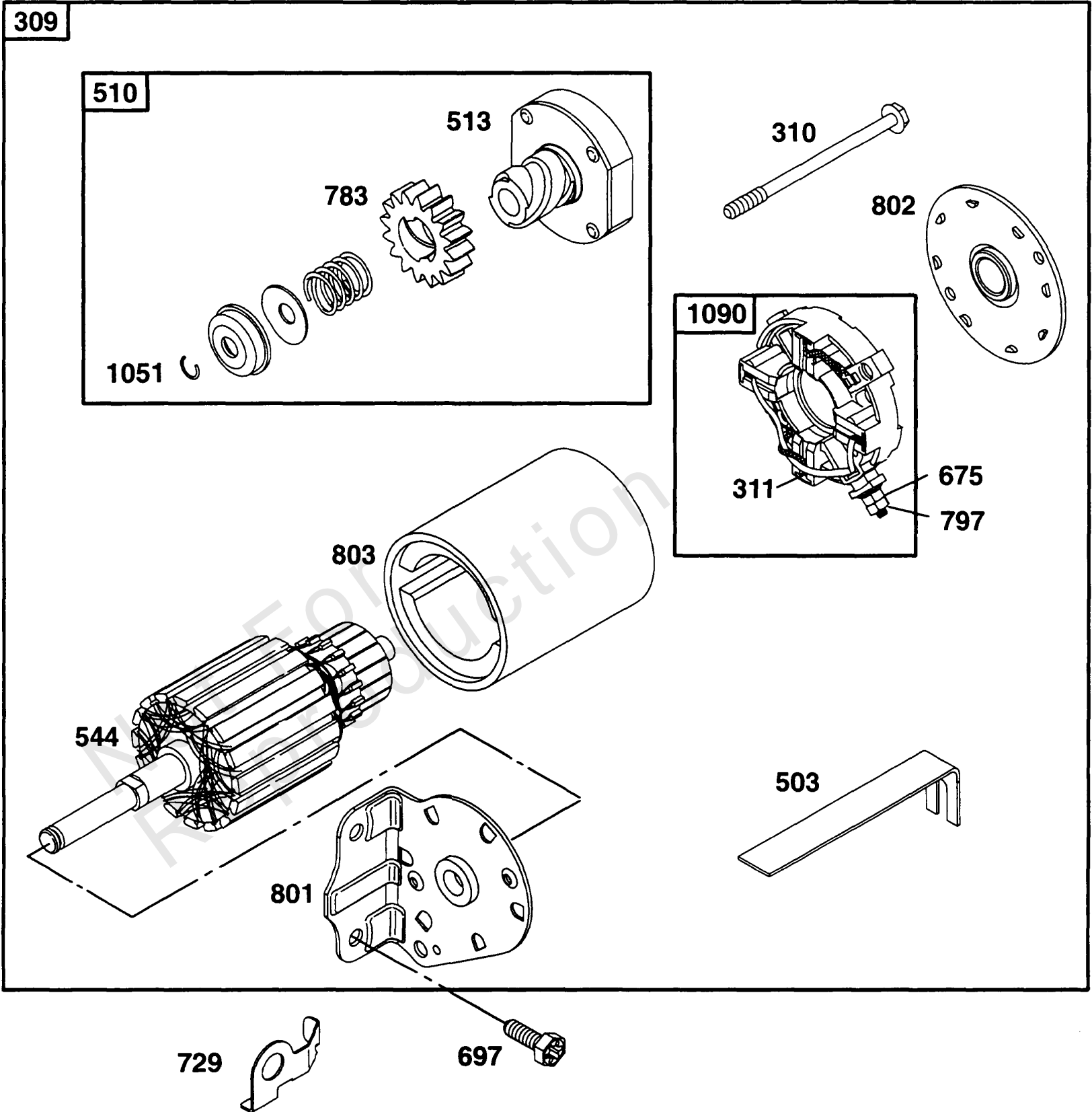


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Cylinder, Head

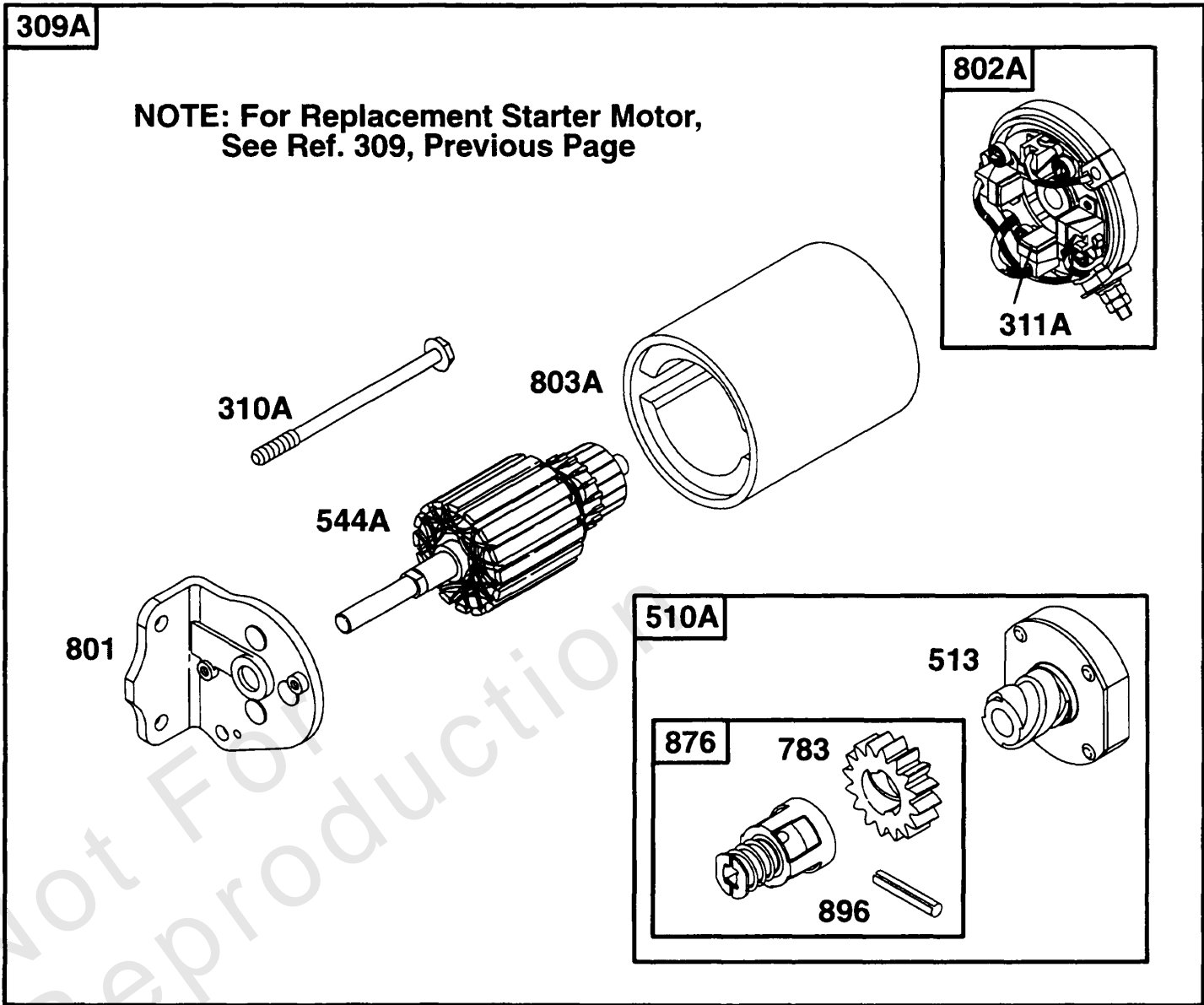
REF NO	PART NO	QTY	DESCRIPTION
1058	270367		MANUAL, Operator's

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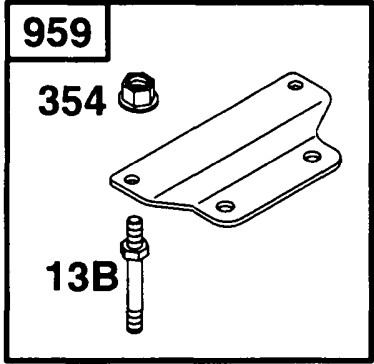
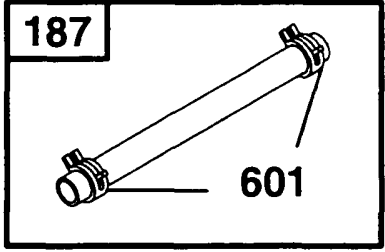
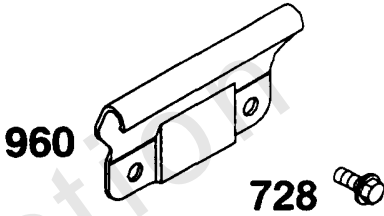
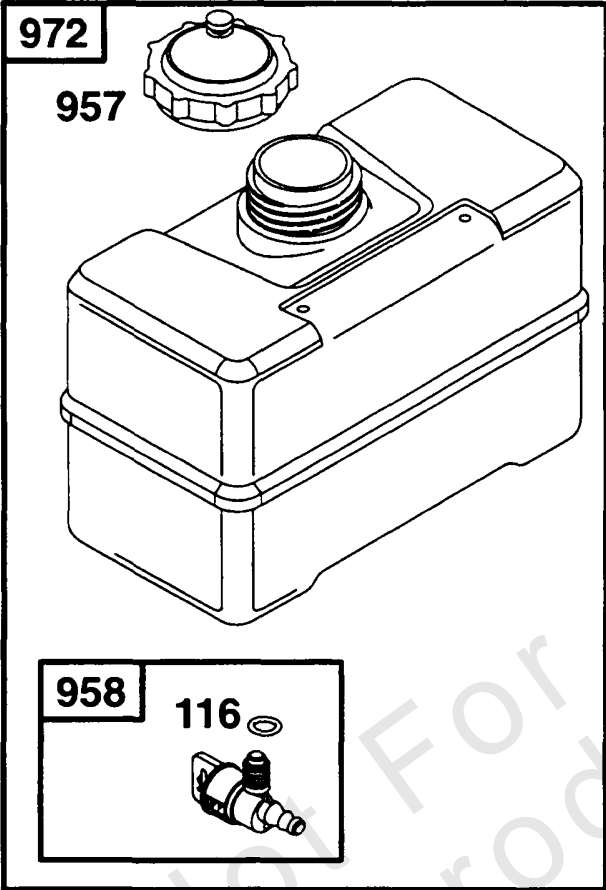
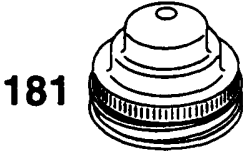
Electric Starter

REF NO	PART NO	QTY	DESCRIPTION
309	693054		MOTOR, Starter -(3 5/8) (Aluminum Ring Gear)
310	94003		SCREW -(3 5/8 Housing)
311	497608		SET, Brush
503	806000		STRAP, Ground -(4 9/16 Housing)
510	497606		DRIVE, Starter -(Includes 693058 And 693059 Starter Gear)
513	398003		CLUTCH, Starter
544	497603		ARMATURE, Starter -(3 5/8 Housing)
675	225137		WASHER
697	94773		SCREW
729	223528		CLIP -(Retainer)
729	225170		CLIP, Wire
783	693059		GEAR, Pinion -(Aluminum Ring Gear Only)
797	92278		NUT -(Starting Switch)
801	394856		CAP, Drive
802	497607		CAP, End
803	497604		HOUSING, Starter -(3 5/8 Housing)



Electric Starter

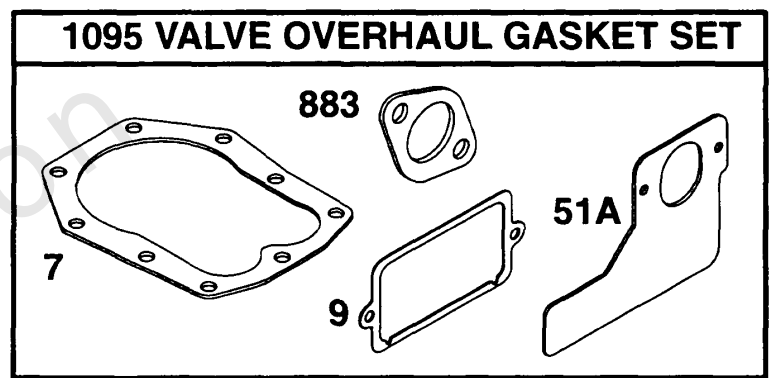
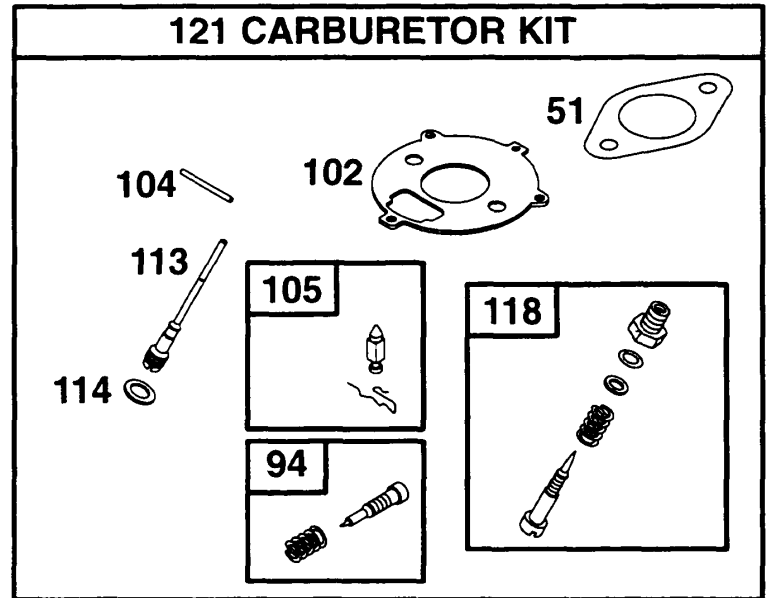
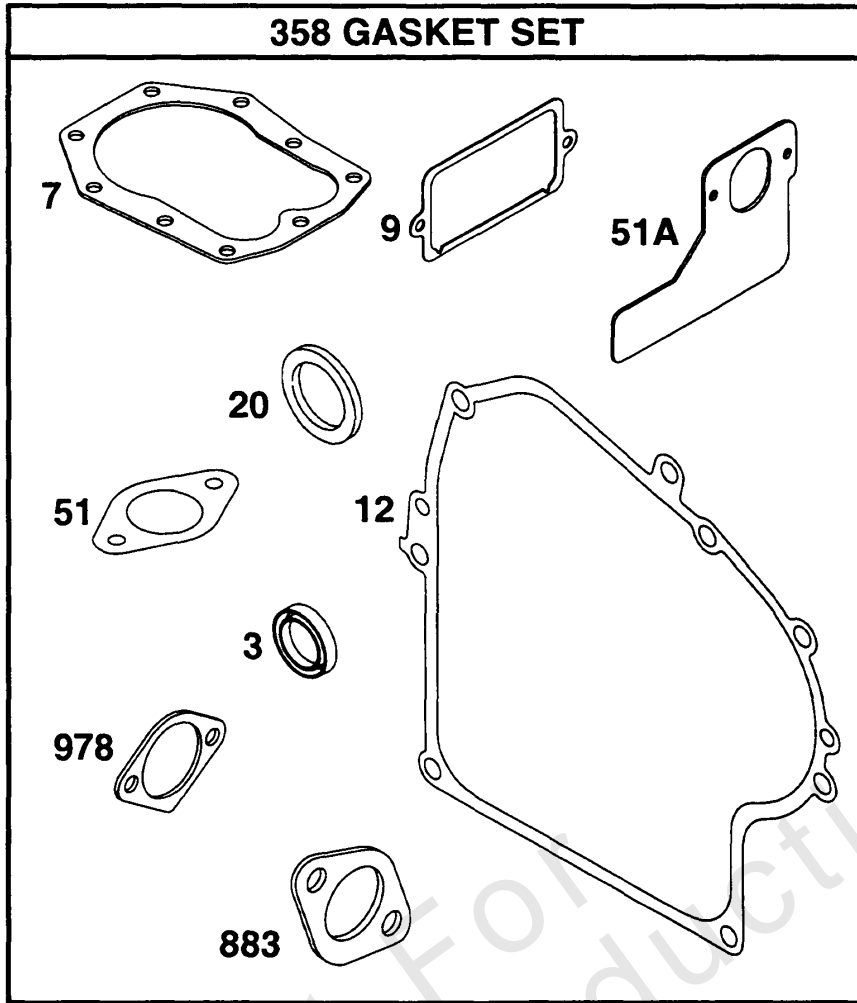
REF NO	PART NO	QTY	DESCRIPTION
310A	94003		SCREW -(3 5/8 Housing)
311A	395538		SET, Brush -(3-5/8 or 4 3/8 Housing)
510A	495878		DRIVE, Starter -(4 3/8 Housing)
513	398003		CLUTCH, Starter
544A	390837		ARMATURE, Starter -(3 5/8 Housing)
697	94773		SCREW
783	693059		GEAR, Pinion -(Aluminum Ring Gear Only)
801	394856		CAP, Drive
802A	395537		CAP, End -(3 5/8 Housing)
803A	398159		HOUSING, Starter -(3 5/8 Housing)
876	495877		DRIVE, Starter -(4 3/8 Housing)
896	94288		PIN, Drive Retainer



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Fuel Tank Assy

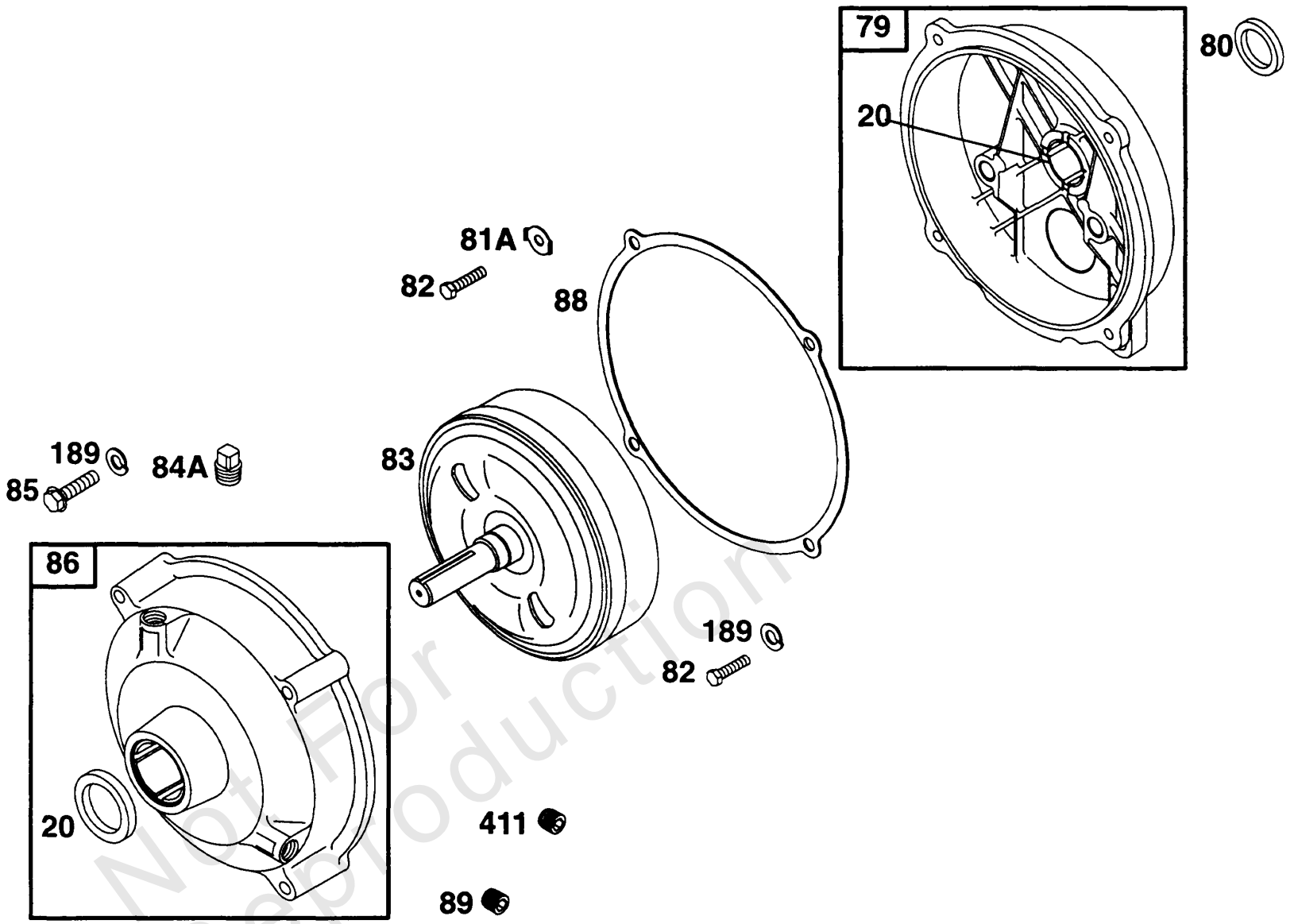
REF NO	PART NO	QTY	DESCRIPTION
13B	94926		STUD -(3 15/16) (3 5/16)
116	280203		SEAL, O-Ring -(Fuel Shut Off)
181	392305		CAP, Fuel Tank -(Metal)
186	67218		CONNECTOR, Hose
187	298049		HOSE, Vacuum
240	298090		FILTER, Fuel
354	94726		NUT
601	95162		CLAMP, Hose -(Red)
728	94627		SCREW -(Fuel Tank)
957	493988		CAP, Fuel Tank -(Plastic)
958	399517		VALVE, Fuel Shut Off -(Plastic)
959	495664		BRACKET, Fuel Tank -(Upper)
960	492990		BRACKET, Fuel Tank -(Lower)
961	94095		SCREW -(Tapping)
972	493337		TANK, Fuel -(4 Quart) (Plastic)



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Gasket Sets

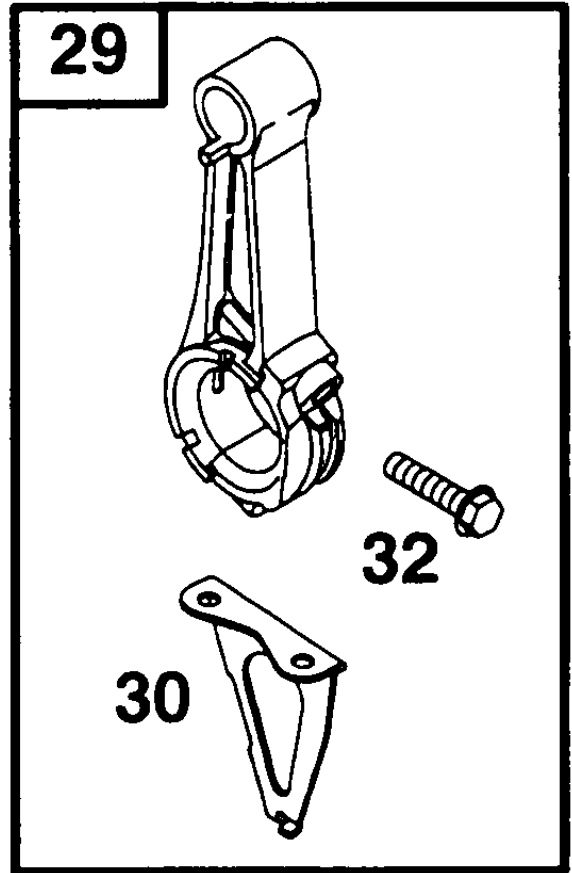
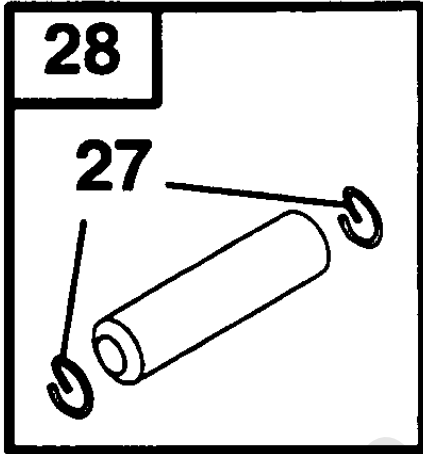
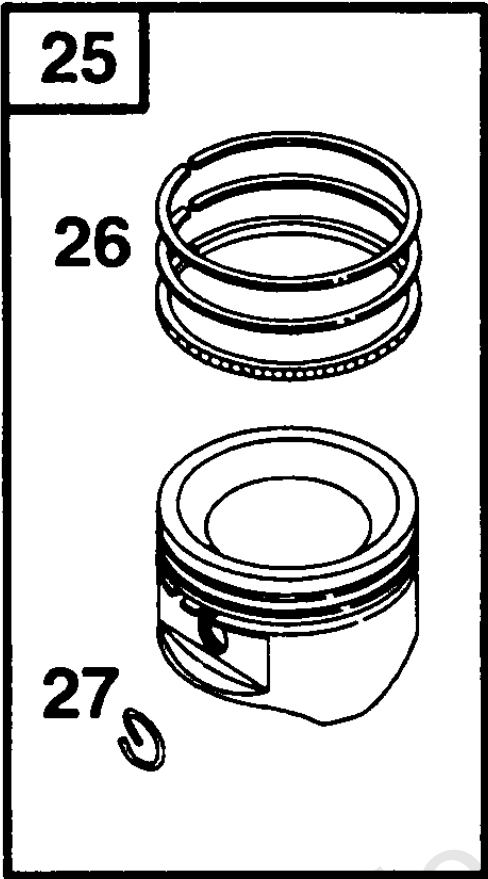
REF NO	PART NO	QTY	DESCRIPTION
3	391086		SEAL, Oil -Included in Gasket Set-Part No. 299577
7	272163		GASKET, Cylinder Head -Included in Valve Overhaul Gasket Set-Part No. 498533. Included in Gasket Set-Part No. 299577
9	27803		GASKET, Rocker Cover -Included in Valve Overhaul Gasket Set-Part No. 498533. 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
20	391086		SEAL, Oil -Included in Gasket Set-Part No. 299577
51A	27828		GASKET, Intake -Included in Valve Overhaul Gasket Set-Part No. 498533. Included in Gasket Set-Part No. 299577
51	270684		GASKET, Intake -Included in Carburetor Kit-Part No. 398235. Included in Gasket Set-Part No. 299577
94	292681		VALVE, Idle Mixture -Included in Carburetor Kit-Part No. 398235
102	27918		GASKET, Carburetor Body -Included in Carburetor Kit-Part No. 398235
104	231435		PIN, Float Hinge -Included in Carburetor Kit-Part No. 398235
105	394681		KIT, Needle/Seat -(Gravity Feed) Included in Carburetor Kit-Part No. 398235
113	398202		NOZZLE, Carburetor -Included in Carburetor Kit-Part No. 398235
114	68667		WASHER -(Viton Seat) Included in Carburetor Kit-Part No. 398235
118	99525		VALVE, High Speed -Included in Carburetor Kit-Part No. 398235
121	398235		KIT, Carburetor Overhaul
358	299577		GASKET SET, Engine
883	272309		GASKET, Exhaust -Included in Valve Overhaul Gasket Set-Part No. 498533. Included in Gasket Set-Part No. 299577
978	271736		GASKET, Oil Guard -Included in Gasket Set-Part No. 299577
1095	498533		GASKET SET, Valve



Gear Reducer Assy

REF NO	PART NO	QTY	DESCRIPTION
20	391086		SEAL, Oil -Included in Gasket Set-Part No. 299577
79	296179		CASE, Gear Reduction
80	27884		GASKET, Gear Cover/Housing
81A	220234		LOCK, Muffler Screw
82	92502		SCREW
83	495985		SHAFT, Auxiliary Drive
84A	94918		PLUG, Breather
85	91386		SCREW -(2)
86	296053		COVER, Gear
88	27328		GASKET, Gear Cover/Housing
89	91488		PLUG -(1/8)
189	90366		WASHER
411	94886		PLUG, Oil Drain -(Flush)

Not For Reproduction



Not For
Reproduction

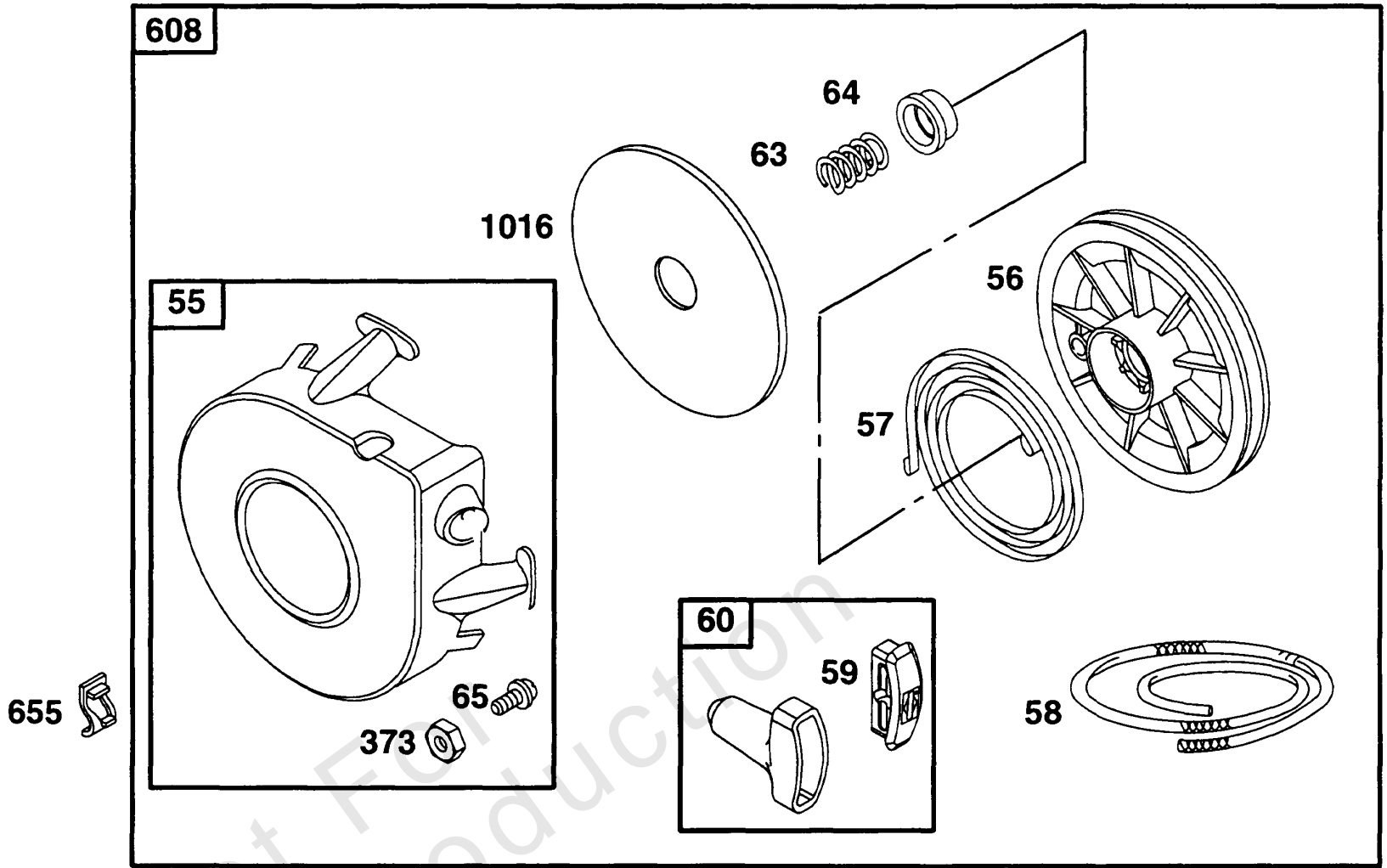
Piston Grp

REF NO	PART NO	QTY	DESCRIPTION
25	499907		PISTON ASSEMBLY -(Standard)
25	499908		PISTON ASSEMBLY -(.010 Oversize)
25	499909		PISTON ASSEMBLY -(.020 Oversize)
25	499910		PISTON ASSEMBLY -(.030 Oversize)
26	299743		SET, Ring -(.030 Oversize Chrome)
26	391670		SET, Ring -(.010 Oversize)
26	391671		SET, Ring -(.020 Oversize)
26	391672		SET, Ring -(.030 Oversize)
26	499921		SET, Ring -(Standard)
27	68546		LOCK, Piston Pin
28	295840		PIN, Piston -(Standard)
28	295841		PIN, Piston -(.005 Oversize)
29	398577		ROD, Connecting -(Standard)
29	398578		ROD, Connecting -(.020 Undersize)
30	223568		DIPPER, Connecting Rod
32	94670		SCREW -(Connecting Rod)

Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
-----			No engine replacement. Repair engine with individual parts.
-----			Top No-Load Speed: 3600 -Trim: ALL
-----			Service Note: For all Go-Karts use only a Model 136200 series engine as a replacement, regardless of the original Model.
-----			Service Note: If necessary, to make the original engine crankshaft center line the same add 695154 spacer kit.
-----			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: Replacement engine listed is not available in the State of California. Repair with individual parts.

Not For Reproduction



Rewind Assy

REF NO	PART NO	QTY	DESCRIPTION
55	393576		HOUSING, Rewind Starter
56	295871		PULLEY, Starter -(63 Rope)
57	490179		SPRING-REWIND STR
58	66884		ROPE, Starter -(Cut To Required Length)
58	66894		ROPE, Starter -(Cut To Required Length)
59	490653		INSERT, Grip
60	490652		GRIP-STARTER ROPE
63	260414		SPRING, Ratchet
64	281204		ADAPTER, Ratchet Spring
65	94928		SCREW
373	94908		NUT -(Rewind Starter)
608	390391		STARTER, Rewind
655	222598		ANCHOR, Rewind Spring -(Stamped Rewind Housing)
1016	490817		SPACER-REWIND -(Rewind)

