

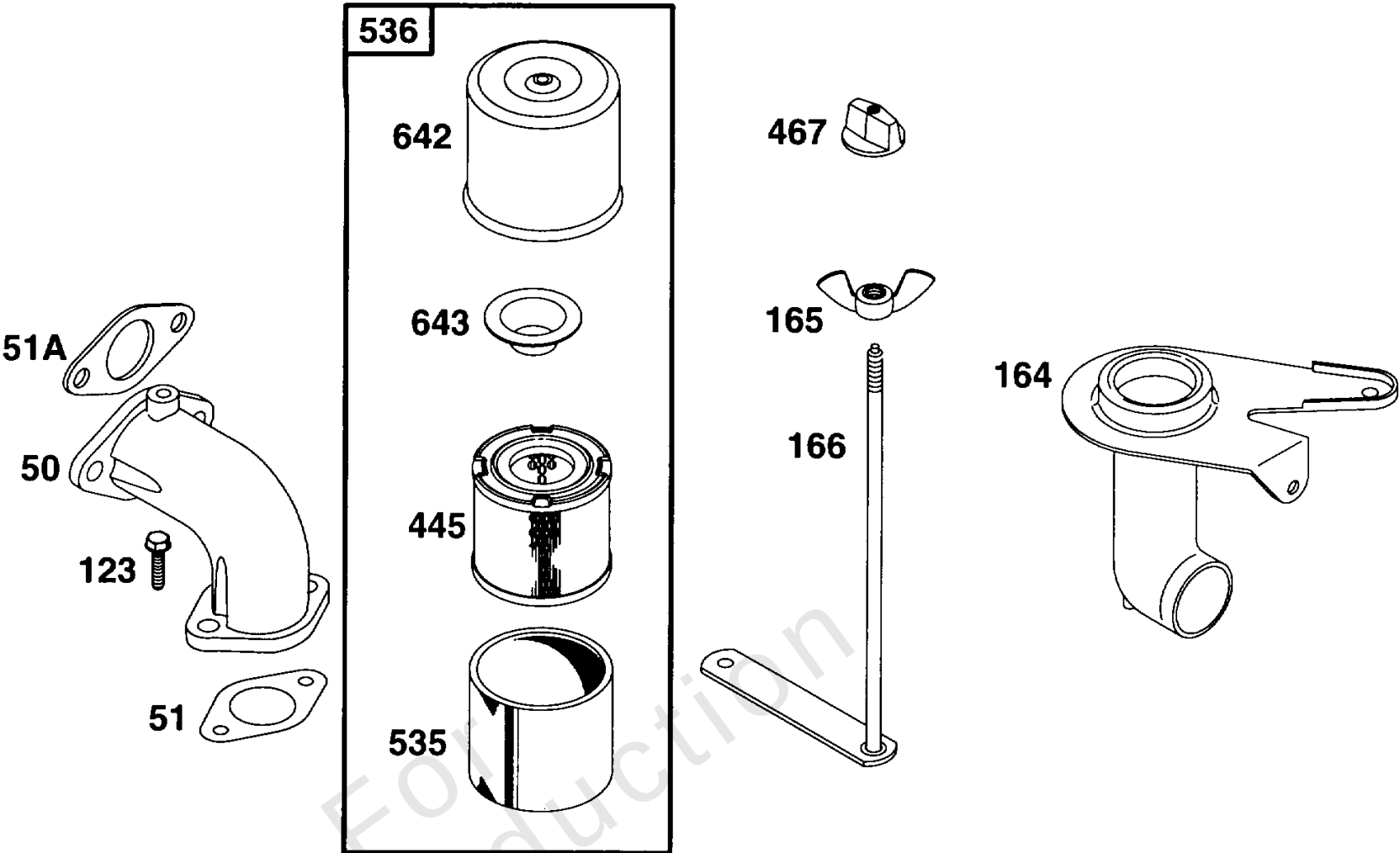


Parts Manual

Mfg. No: 233451-1156-01

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Not For
Reproduction



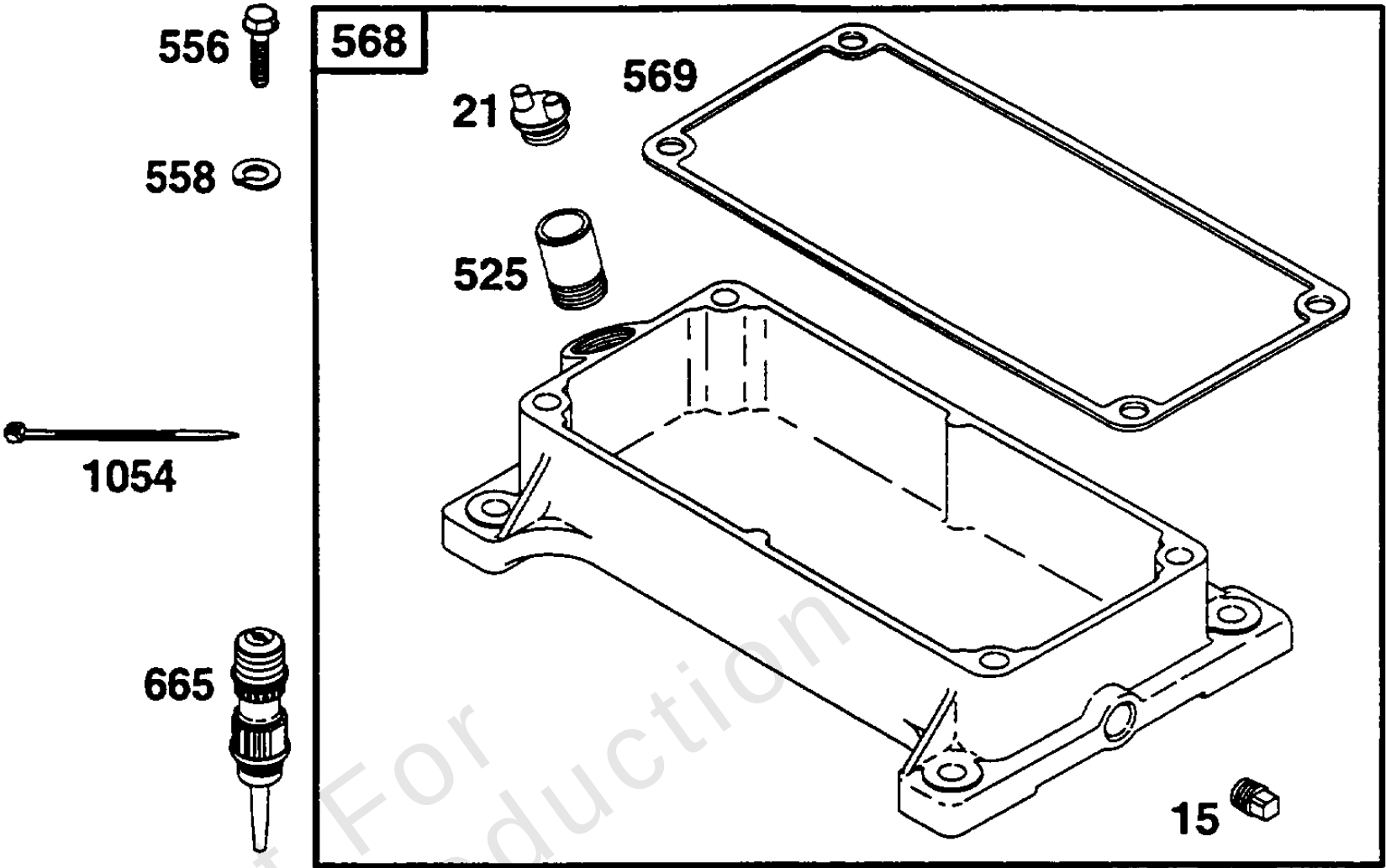
Air Cleaner Grp

REF NO	PART NO	QTY	DESCRIPTION
50	21920		MANIFOLD, Intake
51A	27381		GASKET, Intake
51	270267		GASKET, Intake
51	270684		GASKET, Intake
123	93415		SCREW -(1/4-20 X 3/4)
164	299504		ELBOW, Intake
165	94289		NUT
166	394579		STUD
445	393957		FILTER, A/C Cartridge
467	493903		KNOB, Air Cleaner Cover
535	271794		FILTER, Air Cleaner Foam
536	391063		CLEANER, Air
642	222271		COVER, Air Cleaner
643	222272		RETAINER, Air Filter

Not For
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Footnotes:

AssocPart: 0000000395670
AssocPart: 0000000291728



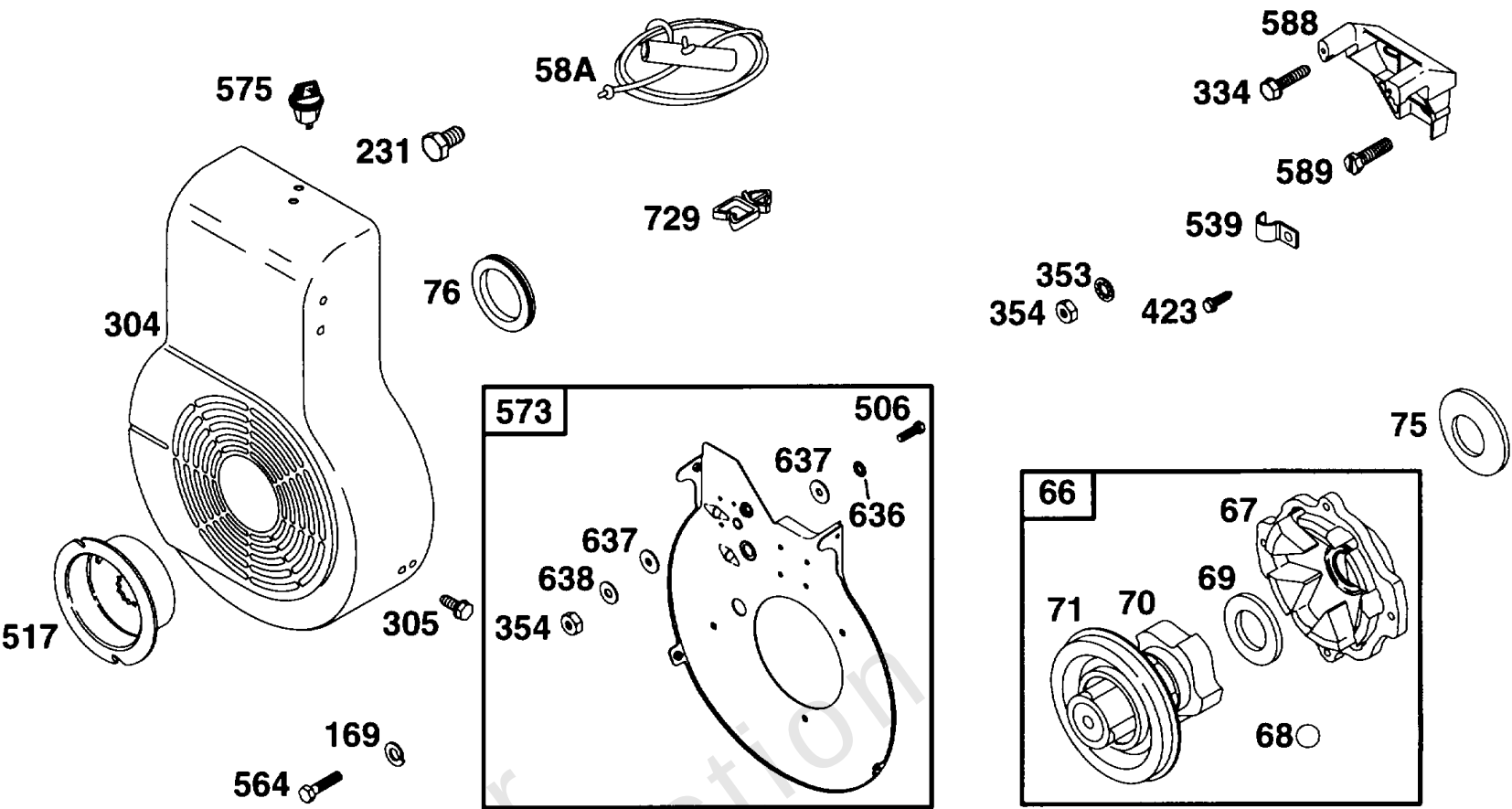
Base

REF NO	PART NO	QTY	DESCRIPTION
15	94239		PLUG, Oil Drain -(Square Head)
21	66768		PLUG, Oil
525	230472		TUBE, Dipstick
556	94724		SCREW
558	92268		WASHER -(3/8 X 1/8 X 3/32) -Used Before Code Date 92100500
568	291404		SUMP, Engine
569	27351		GASKET, Crankcase
665	298860		MINDER, Oil
1054	280275		TIE, Cable

Not For
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Footnotes:

AssocPart: 0000000291728



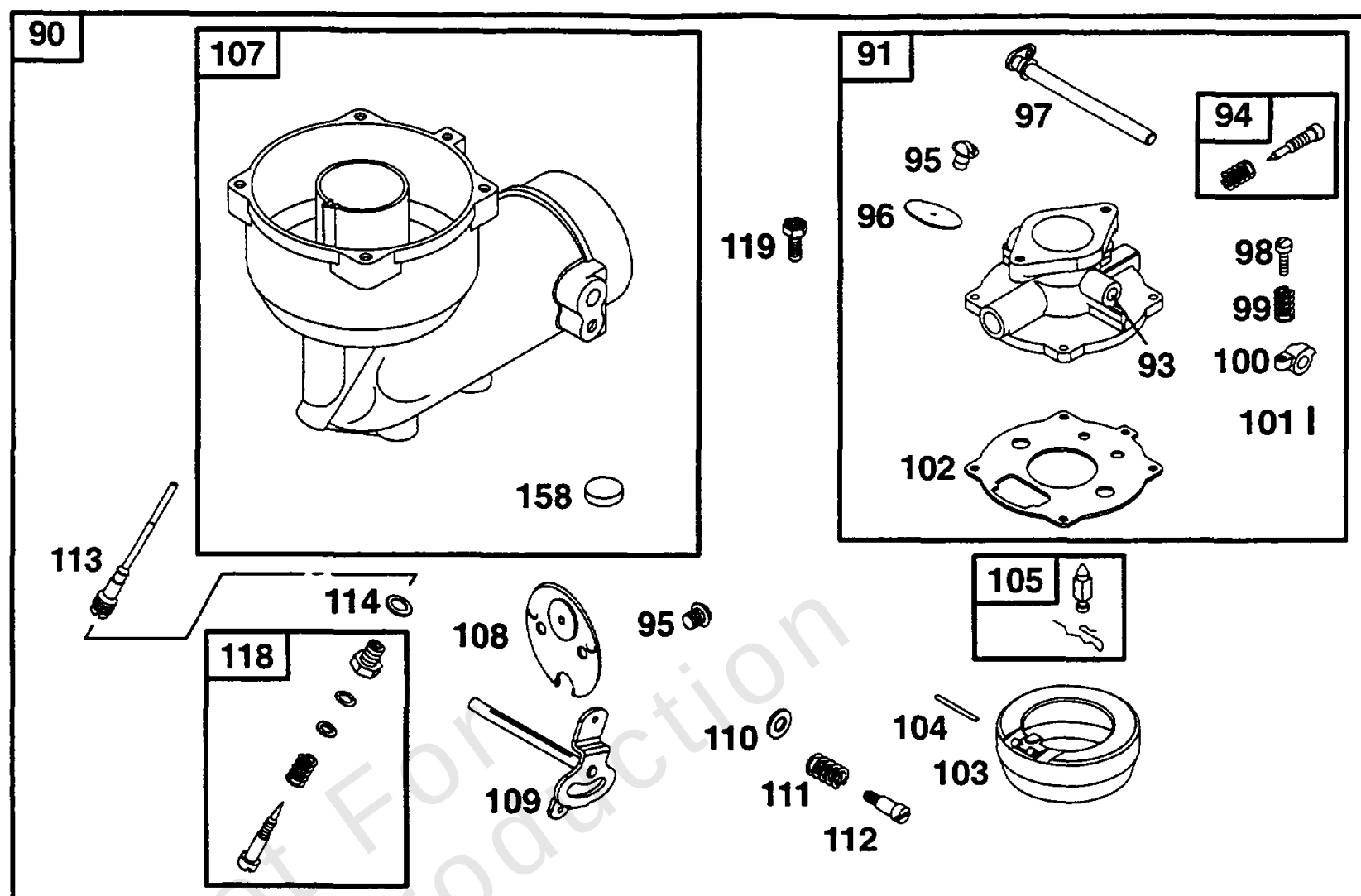
Blower Hsg, Back Plate

REF NO	PART NO	QTY	DESCRIPTION
58A	69932		GRIP, Starter Rope
66	393127		CLUTCH, Starter
67	261455		HOUSING, Rewind Starter
68	63770		BALL, Clutch
69	66718		WASHER -(1-1/16 O.D. X 17/32 I.D.) (1 1/16 O.D. X 17/32 I.D.)
70	298799		RATCHET, Clutch
71	394506		COVER, Ratchet -(Rubber Coated)
75	222511		WASHER -(Spring)
76	68238		SEAL, Ratchet
169	90832		SCREW -(Blower Housing)
231	93042		SCREW
304	291407		HOUSING, Blower
304	392343		HOUSING, Blower -(Low Profile)
305	94786		SCREW -(1/2)
334	94731		SCREW -(Magnet)
353	92791		WASHER
354	90576		NUT -(Ground Terminal)
423	93410		SCREW
506	90072		SCREW -(8-32 X 5/8)
506	90200		SCREW -(8-32 X 1/2)
517	22809		PULLEY, Rope Starter
539	221340		CLAMP
564	92980		SCREW -(1/4-20 X 1/2)
573	298159		PLATE, Back
575	396691		SWITCH, Rotary -(Mechanical Governor)
588	211440		BRACKET, Armature
589	93473		SCREW
636	92864		WASHER
637	66154		WASHER -(Fiber)
638	26404		WASHER
729	280590		CLIP, Wire

Footnotes:

AssocPart: 0000000395670

AssocPart: 0000000291728



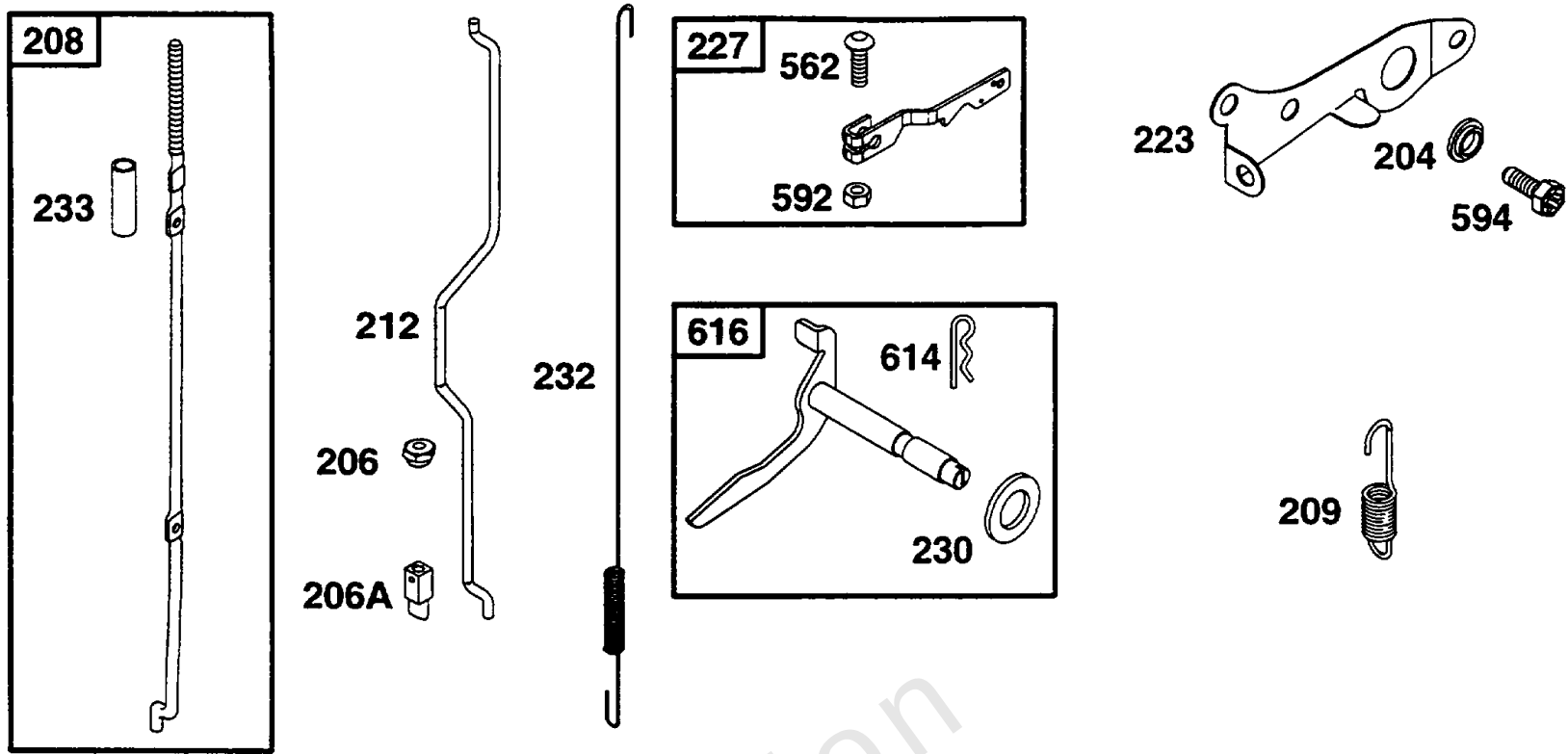
Carburetor Assy

REF NO	PART NO	QTY	DESCRIPTION
90	293950		CARBURETOR
91	291655		BODY, Upper Carburetor
93	23108		BUSHING, Throttle Shaft
94	292681		VALVE, Idle Mixture
95	93499		SCREW -(Throttle Valve)
96	223370		VALVE, Throttle
97	291300		SHAFT, Throttle
98	91920		SCREW -(8-32 X 5/8)
99	26157		SPRING, Compression
100	212904		STOP, Throttle
101	93043		PIN, Shaft
102	27034		GASKET, Carburetor Body
103	99333		FLOAT, Carburetor
104	230896		PIN, Float Hinge
105	394681		KIT, Needle/Seat -(Gravity Feed)
105	394682		KIT, Needle/Seat -(Gravity Feed)
107	89915		BODY, Lower Carburetor
108	62872		VALVE, Choke
109	89531		SHAFT, Choke
110	224026		WASHER
111	26155		SPRING, Friction
112	23123		SCREW
113	395208		NOZZLE, Carburetor
114	68667		WASHER -(Viton Seat)
118	99525		VALVE, High Speed
119	94152		SCREW -(Upper To Lower Carburetor Body)
158	27590		PLUG, Carburetor Filter/Drain

Footnotes:

AssocPart: 0000000395670

AssocPart: 0000000069858

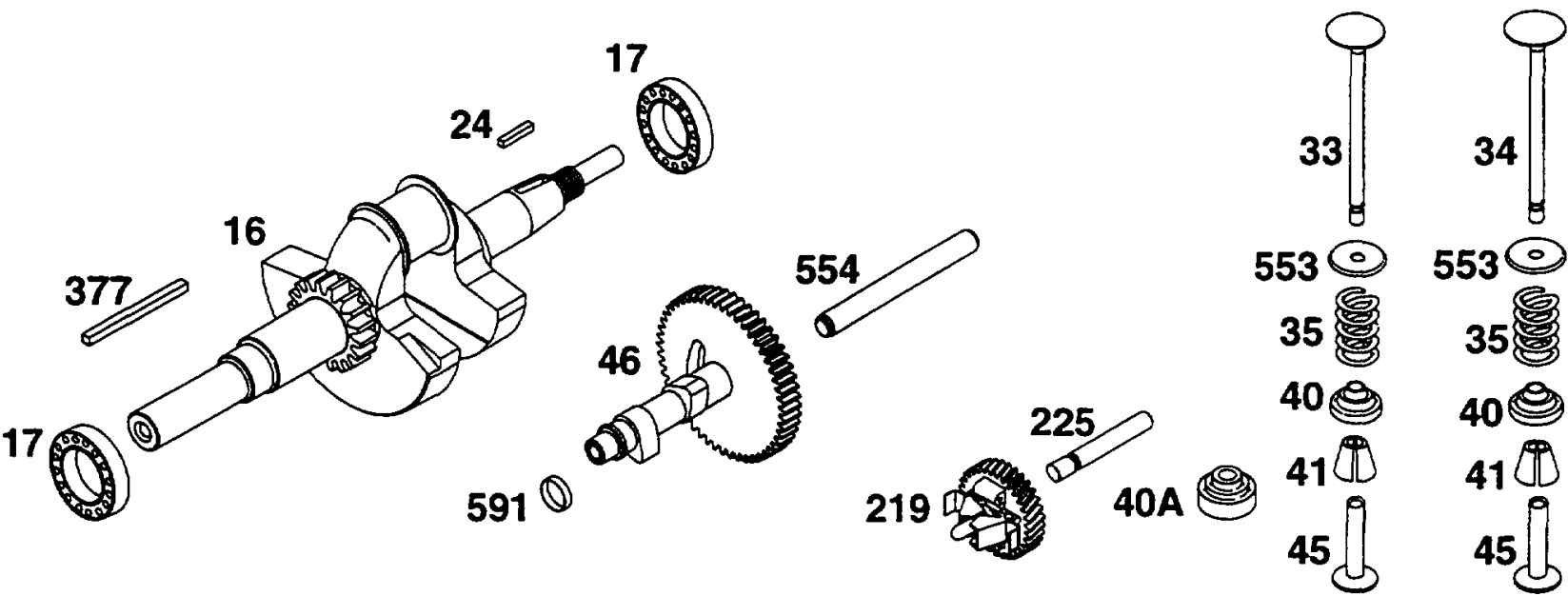


Controls

REF NO	PART NO	QTY	DESCRIPTION
204	23849		SCREW
206A	21772		NUT, Governor Adjusting
206	93422		NUT
208	393613		ROD, Governor Control
209	26764		SPRING, Governor
212	26725		LINK, Throttle
227	291365		LEVER, Governor Control
230	22826		WASHER
232	260584		SPRING/LINK, Mechanical Governor
233	93879		SPACER
562	92613		BOLT -(Governor Lever)
592	231082		NUT -(Governor Control)
594	94905		SCREW
614	93306		PIN, Cotter
616	291364		CRANK, Governor

Footnotes:

AssocPart: 0000000291728
AssocPart: 0000000395670

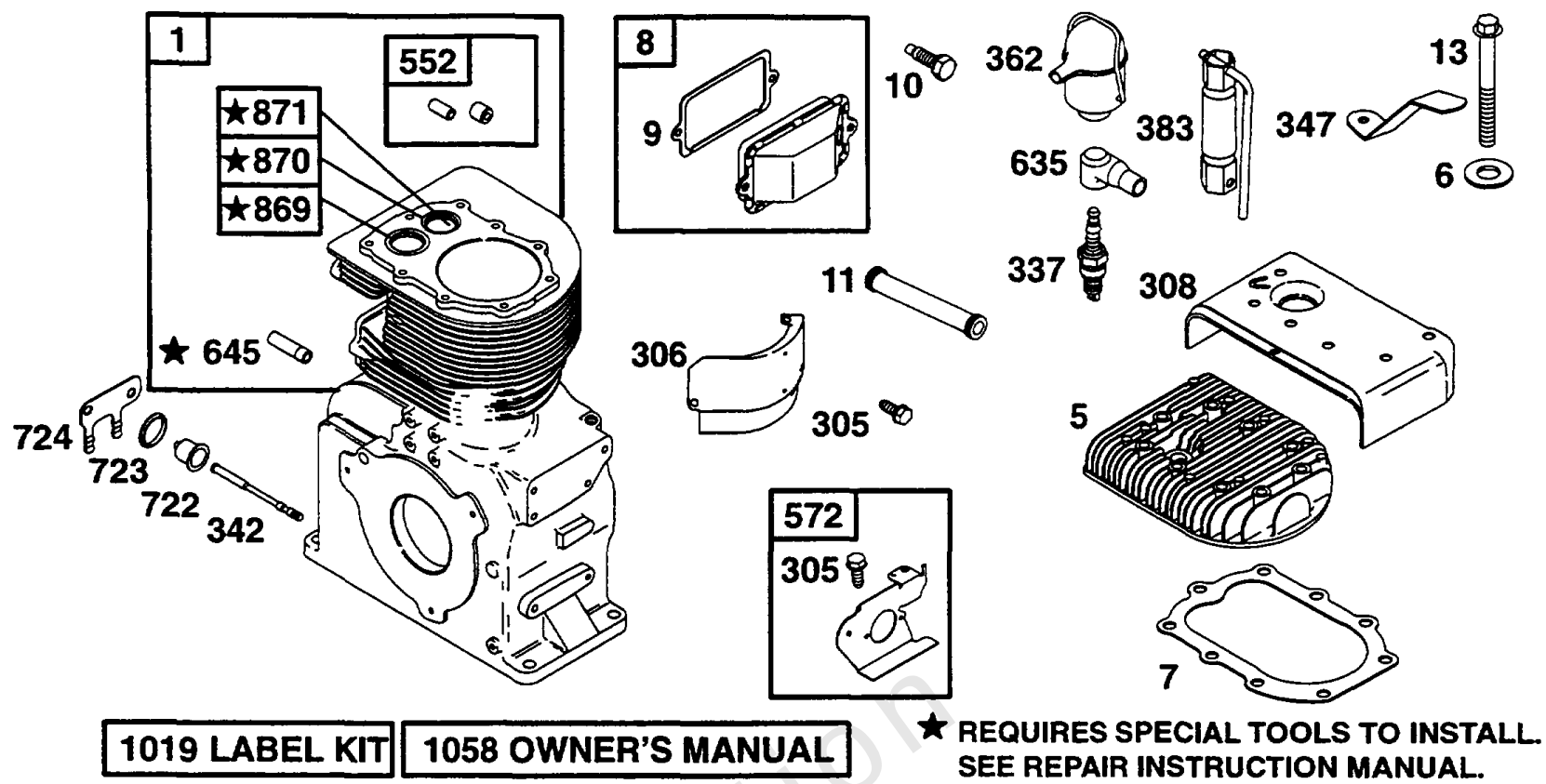


Crankshaft, Cam

REF NO	PART NO	QTY	DESCRIPTION
16	260764		CRANKSHAFT
17	291667		BEARING, Ball
24	222698		KEY, Flywheel
33	394436		VALVE, Exhaust
34	394434		VALVE, Intake
35	65906		SPRING, Valve -(Intake)
40A	68293		RETAINER, Valve -(Exhaust)
40	292260		RETAINER, Valve -(Exhaust Valve) (Exhaust)
41	494553		KEEPER, Valve -(Exhaust)
45	26670		TAPPET, Valve
46	211335		CAMSHAFT
219	393720		GEAR, Governor
225	393467		SHAFT, Governor Gear
377	91540		KEY, Drive Pulley -(1/4)
553	62222		SEAT, Valve Spring
554	66203		SHAFT, Gear
591	65932		PLUG, Camshaft

Footnotes:

AssocPart: 0000000395670
AssocPart: 0000000291728

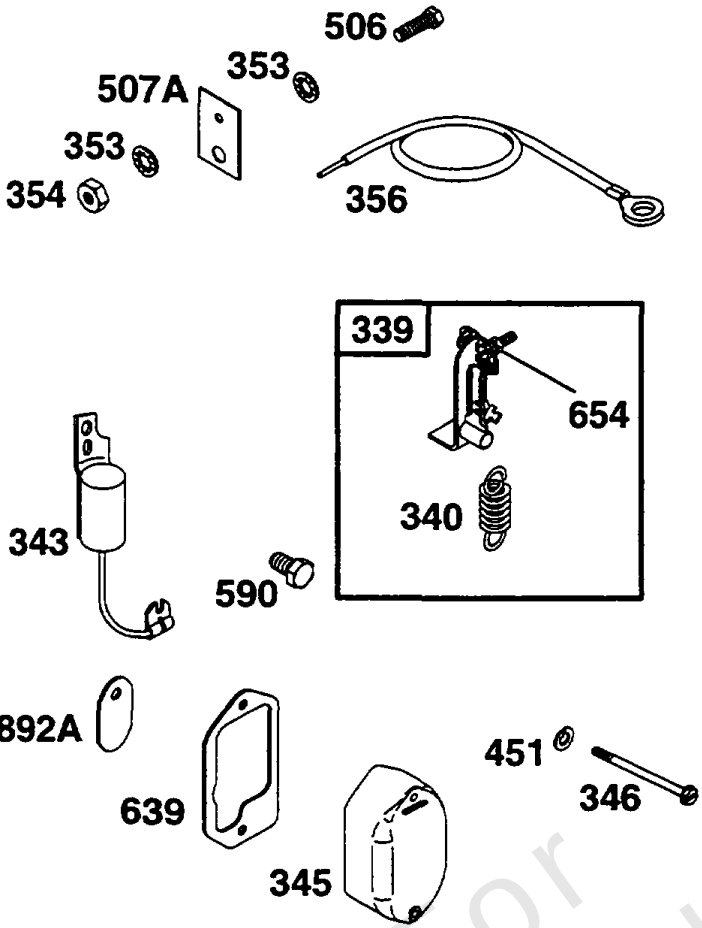


Cylinder, Head

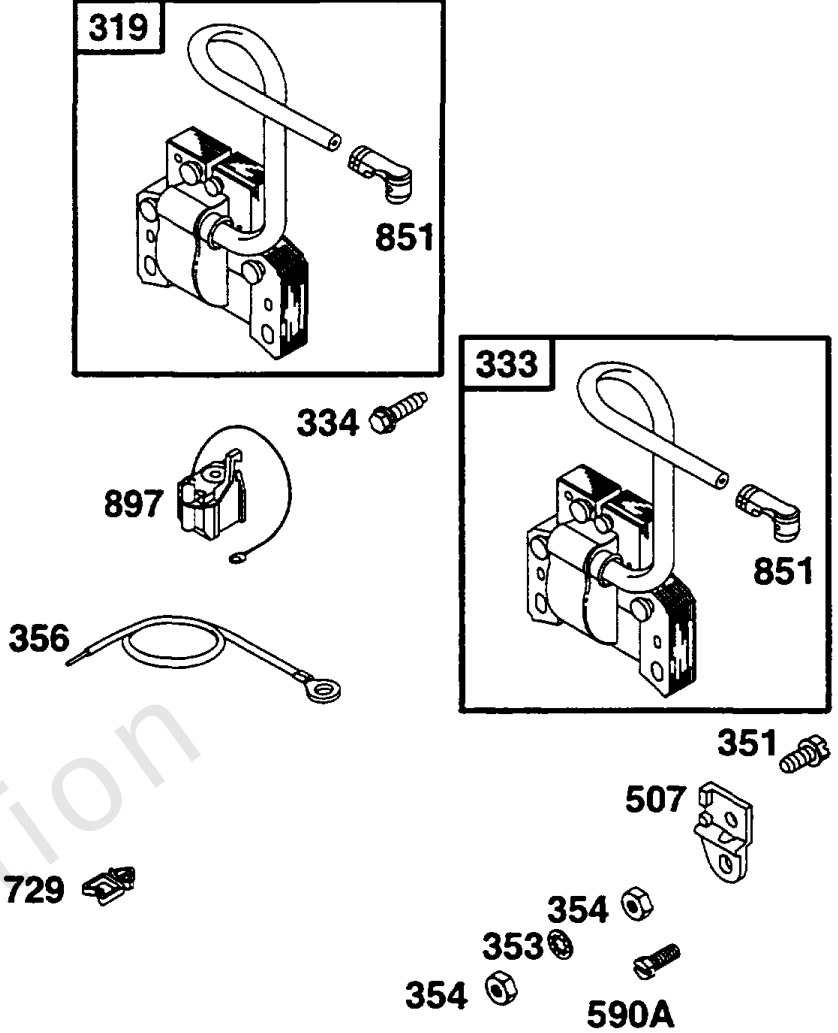
REF NO	PART NO	QTY	DESCRIPTION
1	395668		CYLINDER ASSEMBLY
5	210580		HEAD, Cylinder
6	22963		WASHER
7	272165		GASKET, Cylinder Head
8	495738		BREATHER ASSEMBLY
9	27803		GASKET, Rocker Cover
10	94621		SCREW -(Breather Assembly)
11	68818		TUBE, Breather
13	92674		SCREW -(2-7/16)
305	94786		SCREW -(1/2)
306	22951		SHIELD, Cylinder
308	291866		COVER, Cylinder Head
337	298809		PLUG, Spark
337	492167		PLUG, Spark
337	802592		PLUG, Spark -(Resistor)
342	298125		PLUNGER, Breaker
347	220197		SWITCH, Stop -(1-1/2 High, 38 Mm. Spark Plugs)
347	293739		SWITCH, Spark Plug Stop
362	392273		SHIELD, Spark Plug
383	89838		WRENCH, Spark Plug
552	393666		BUSHING, Governor Crank
572	291871		GUIDE, Air
635	66538		BOOT, Spark Plug
645	230775		BUSHING, Plunger
722	68768		SEAL, Plunger
723	93516		RETAINER, Seal
724	221873		RETAINER, Seal
869	21880		SEAT, Valve -(Intake)
870	21612		SEAT, Valve -(Exhaust)
871	231218		BUSHING, Valve Guide -(Intake)
1019	491256		KIT, Label
1058	270373		MANUAL, Operator's

Footnotes:

AssocPart: 0000000291728



USED BEFORE CODE NO. 81080100.

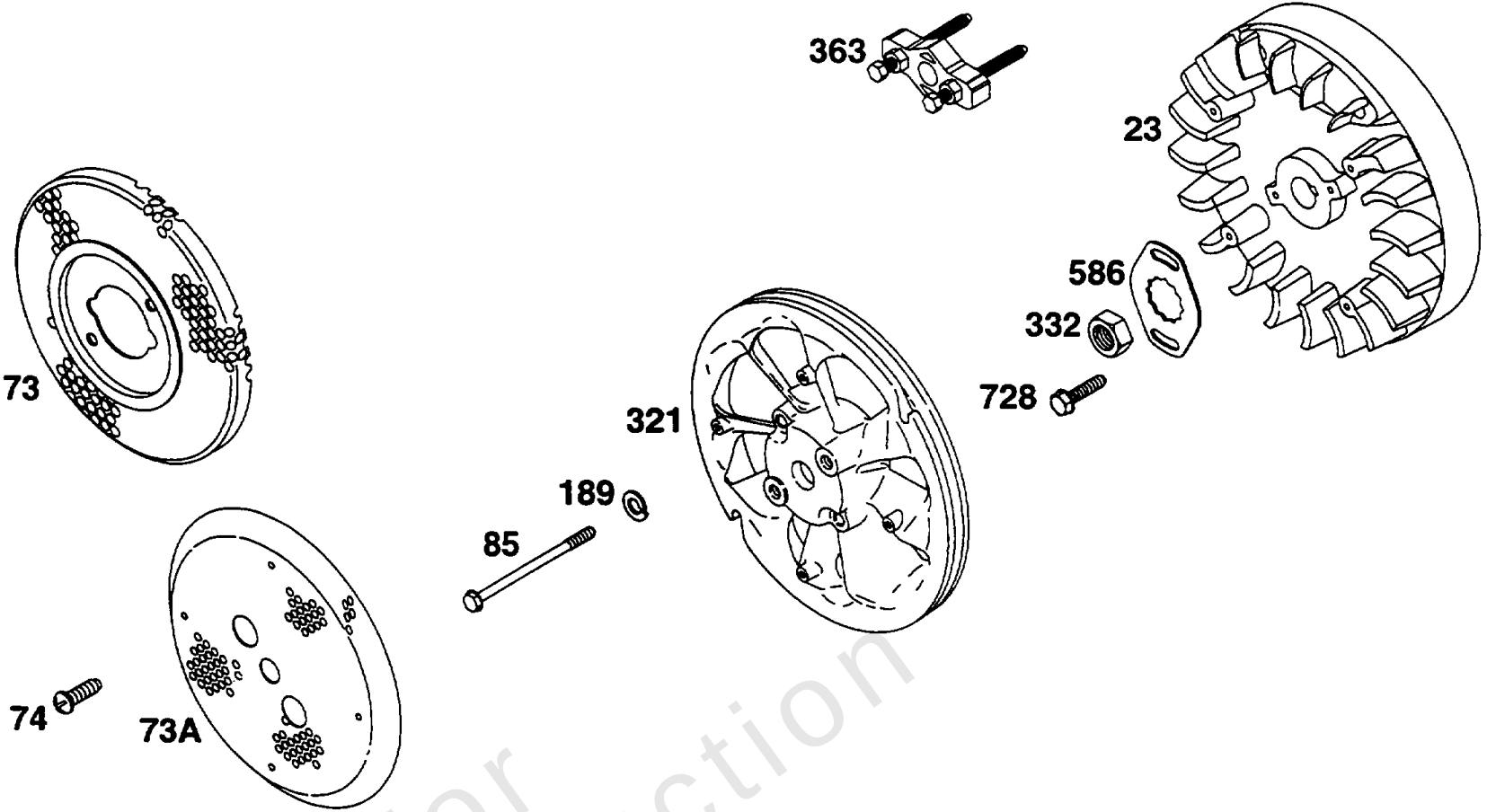


Elect

REF NO	PART NO	QTY	DESCRIPTION
319	395326		ARMATURE, Magneto -(Electronic Ignition-Without Module)
333	398811		ARMATURE, Magneto -(Magnetron Ignition)
334	94731		SCREW -(Magneto)
339	298185		BREAKER, Ignition
340	26018		SPRING, Breaker Arm
343	298060		CONDENSER
345	211327		COVER, Breaker
346	93400		SCREW
346	93705		SCREW -(8-32 X 3/8)
351	93064		SCREW
353	92791		WASHER
354	90576		NUT -(Ground Terminal)
356	398808		WIRE, Stop -(Cut To Required Length)
451	90364		WASHER
506	90072		SCREW -(8-32 X 5/8)
506	90200		SCREW -(8-32 X 1/2)
507A	66895		INSULATOR
507	280380		INSULATOR
590A	93226		SCREW
639	270176		GASKET, Breaker Box
654	230783		NUT
729	280590		CLIP, Wire
851	493880		TERMINAL, Spark Plug
892A	221976		SWITCH, Stop
897	394970		KIT, Magnetron Ignition

Footnotes:

AssocPart: 0000000291728



Flywheel, Fan, Screens

REF NO	PART NO	QTY	DESCRIPTION
23	298975		FLYWHEEL
23	395250		FLYWHEEL -(All Are Identified By Two Red Stripes)
73A	221851		SCREEN, Rotating
73	392349		SCREEN, Rotating
74	94626		SCREW
85	91386		SCREW -(2)
189	90366		WASHER
321	211555		FAN, Booster
332	230674		NUT
363	19203		PULLER, Flywheel
586	22906		RETAINER
728	94627		SCREW -(Fuel Tank)

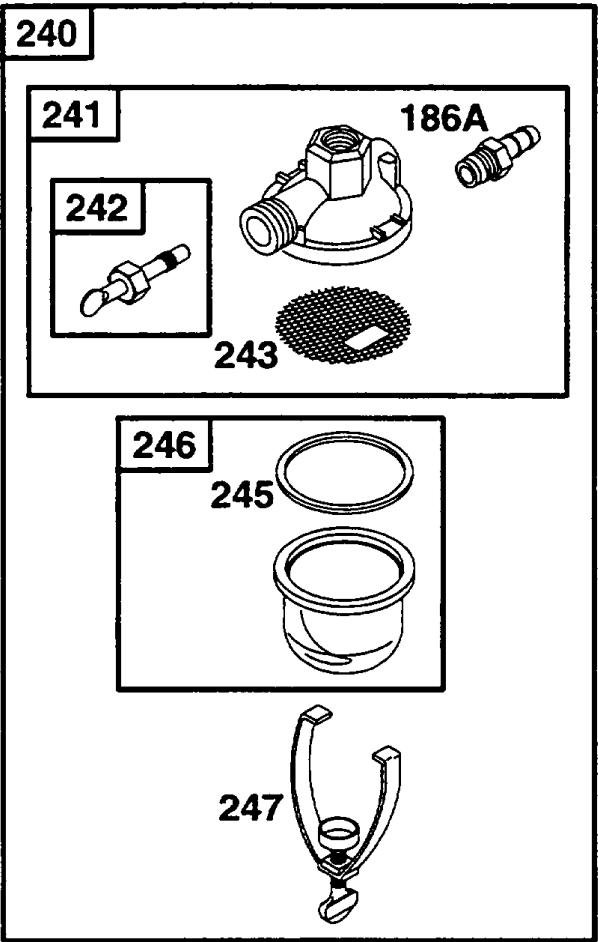
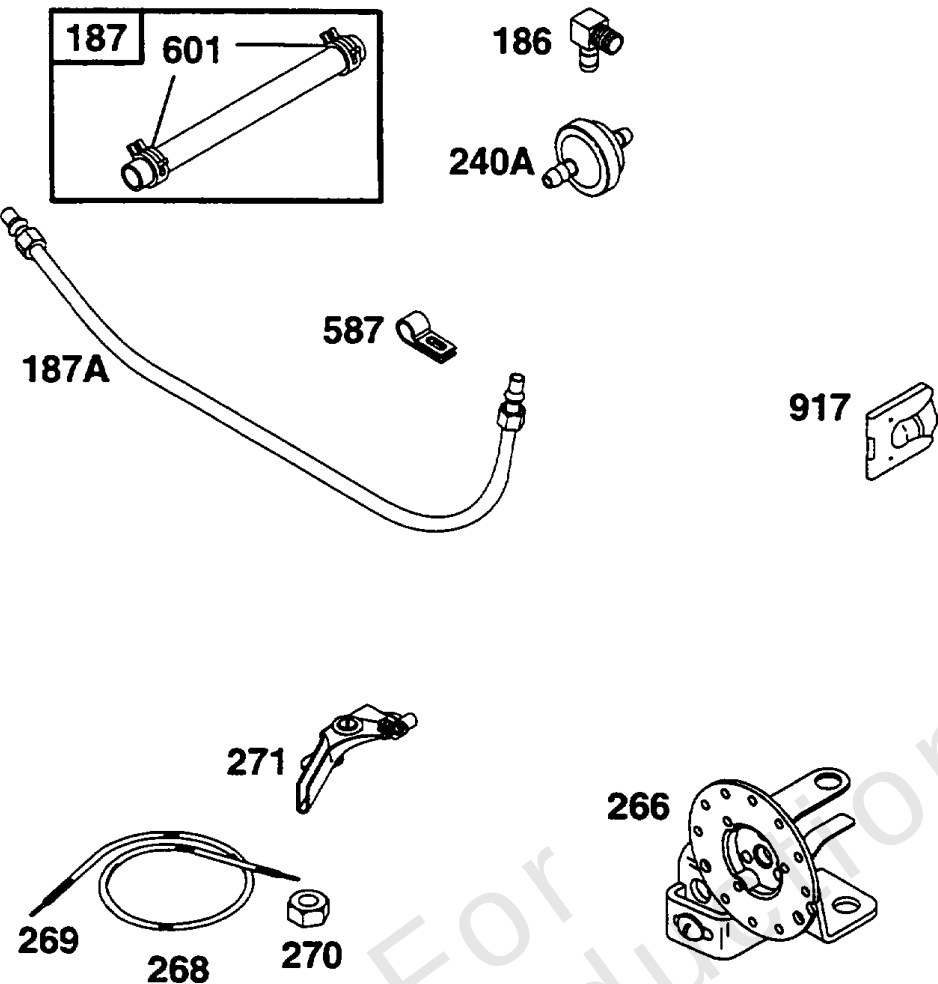
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Footnotes:

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AssocPart: 0000000230012

AssocPart: 0000000291728

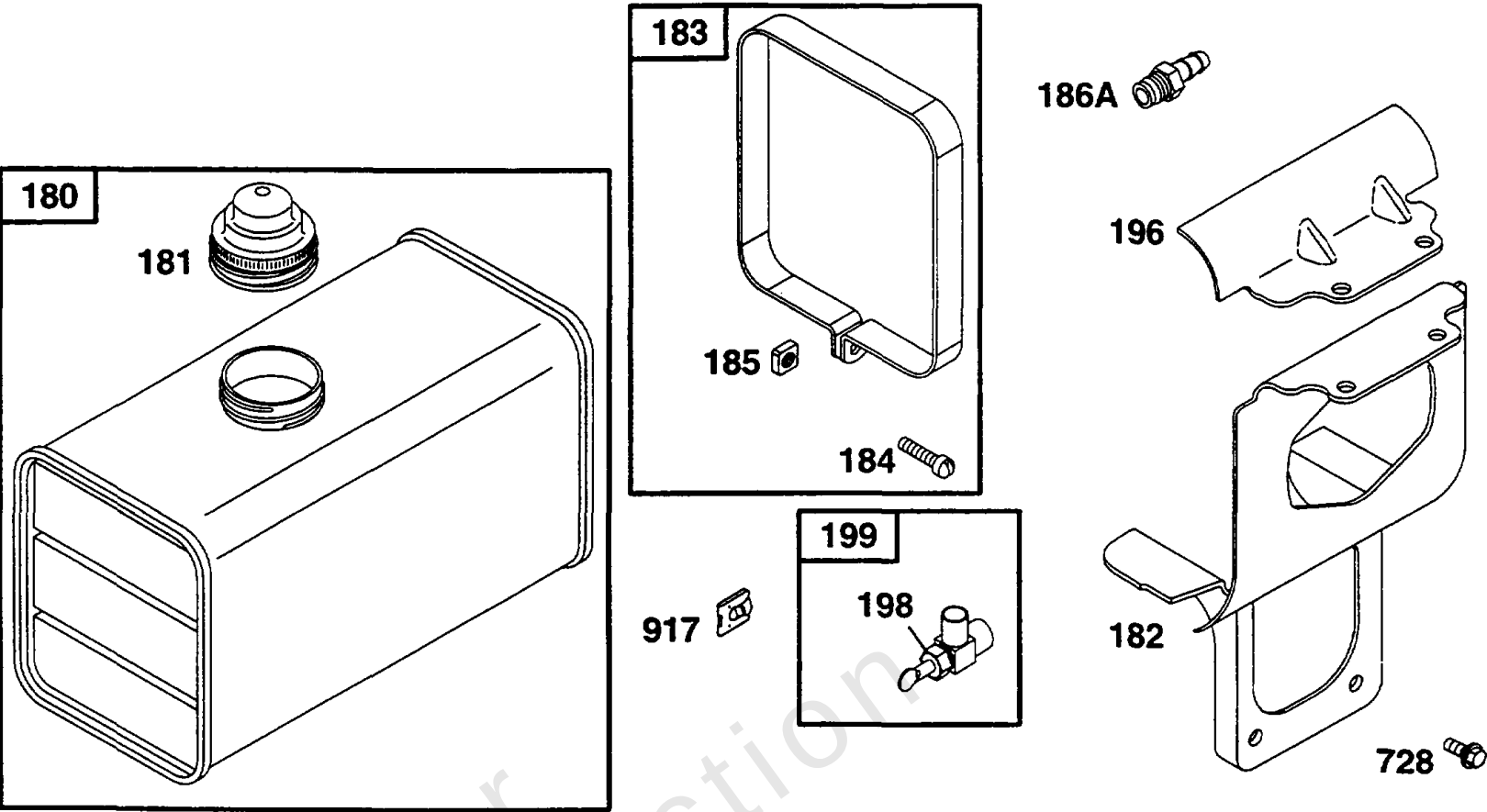


Fuel Grp

REF NO	PART NO	QTY	DESCRIPTION
186A	230318		CONNECTOR, Hose
186A	231238		CONNECTOR, Hose -(Metal Fuel Pipe)
186	63377		CONNECTOR, Hose -(Metal Fuel Pipe)
186	67218		CONNECTOR, Hose
187A	291704		LINE, Fuel -(18)
187	296004		LINE, Fuel -(Cut To Required Length)
240A	298090		FILTER, Fuel
240	393169		STRAINER, Fuel
241	296005		COVER, Fuel Filter
241	99909		COVER, Fuel Filter -(Metal Fuel Pipe)
242	295913		VALVE, Fuel Shut Off
243	22547		STRAINER, Fuel
245	68477		GASKET, Fuel Bowl
246	298683		BOWL, Fuel Filter
247	99665		YOKE, Bowl
266	494554		CONTROL, Throttle
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
587	220162		CLIP, Wire
601	93053		CLAMP, Hose -(Green)
917	223271		VALVE, Handle Shutoff

Footnotes:

AssocPart: 0000000291728
AssocPart: 0000000395670

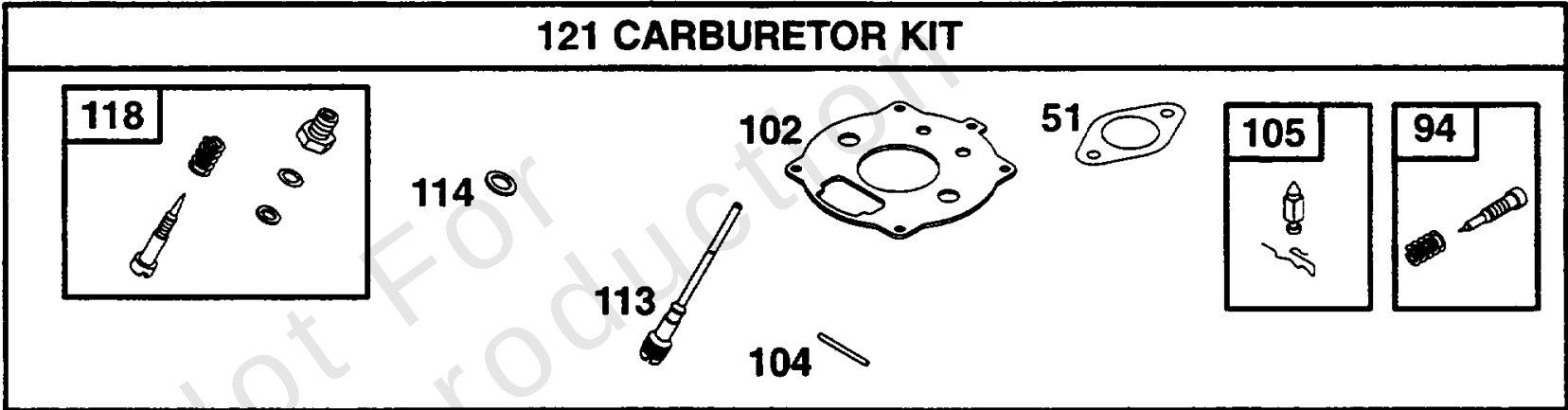
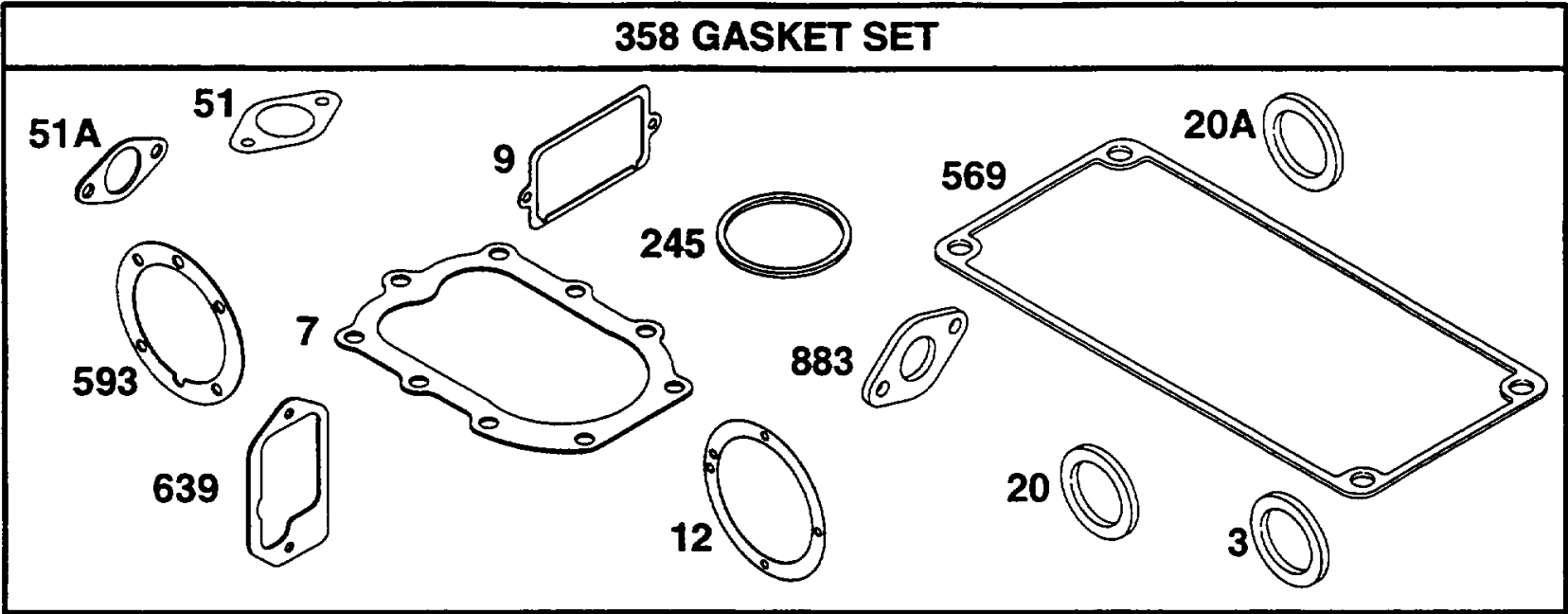


Fuel Tank Grp

REF NO	PART NO	QTY	DESCRIPTION
180	291488		TANK, Fuel -(6 Quart)
181	392305		CAP, Fuel Tank -(Metal)
182	22813		BRACKET, Fuel Tank -(8 Quart) (Remote Mount Only)
183	291490		STRAP, Fuel Tank -(6 Quart)
184	91257		SCREW -(1/4-20 X 1-1/2)
185	90970		NUT -(1/4-20)
186A	231238		CONNECTOR, Hose -(Metal Fuel Pipe)
186A	230318		CONNECTOR, Hose
196	22907		BRACKET, Fuel Tank -(8 Quart) (Remote Mount Only)
198	293934		VALVE, Fuel Shut Off
199	297563		OUTLET, Tank
728	94627		SCREW -(Fuel Tank)
917	223271		VALVE, Handle Shutoff

Footnotes:

AssocPart: 0000000291728
AssocPart: 0000000395670

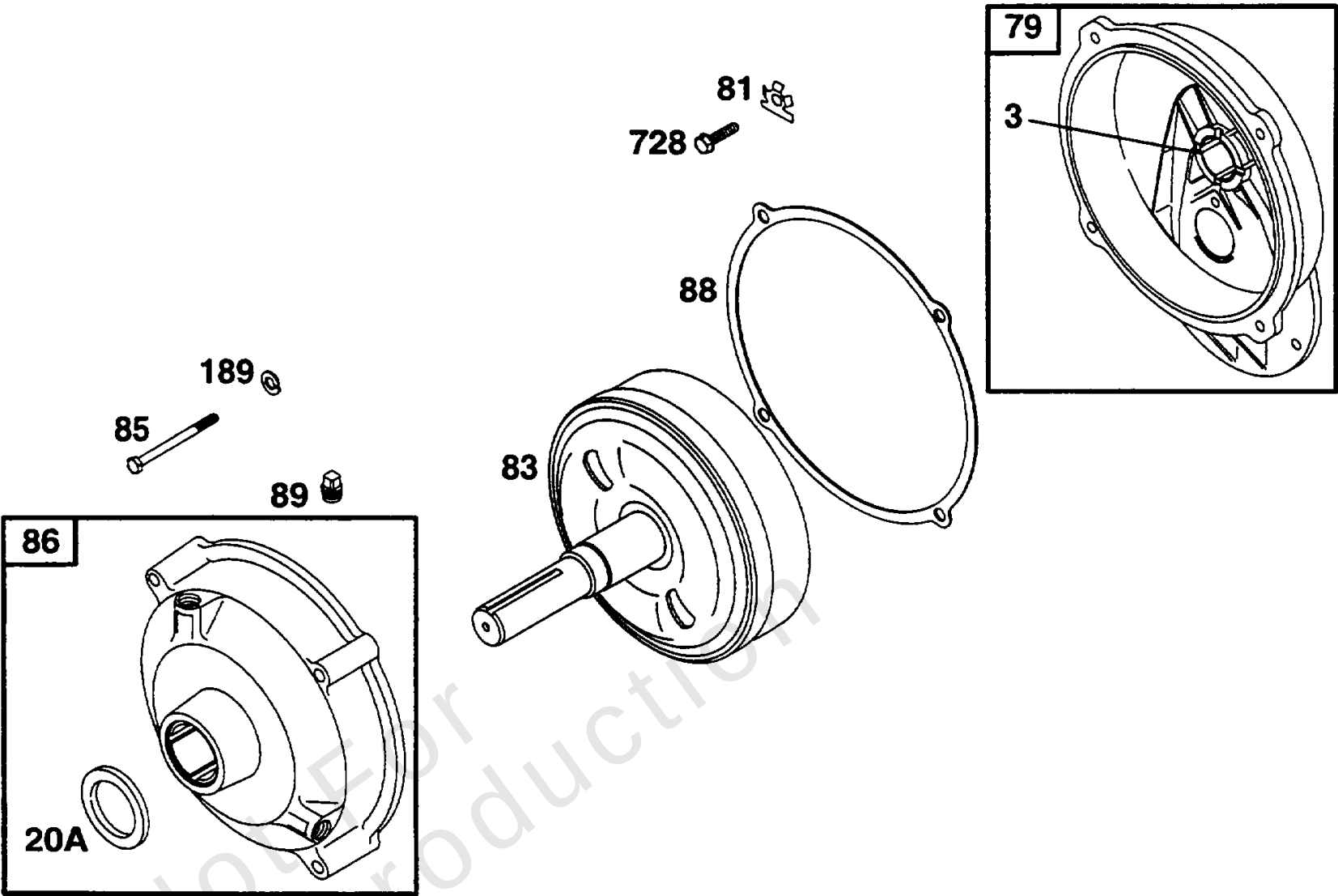


Gasket Sets

REF NO	PART NO	QTY	DESCRIPTION
3	299819		SEAL, Oil -(Plain Bearing)
7	272165		GASKET, Cylinder Head
9	27803		GASKET, Rocker Cover
12	270789		GASKET, Crankcase
20A	391086		SEAL, Oil -(Magnetos Side)
20	291675		SEAL, Oil -(Crankcase Cover)
51A	27381		GASKET, Intake
51	270267		GASKET, Intake
51	270684		GASKET, Intake
94	292681		VALVE, Idle Mixture
102	27034		GASKET, Carburetor Body
104	230896		PIN, Float Hinge
105	394681		KIT, Needle/Seat -(Gravity Feed)
105	394682		KIT, Needle/Seat -(Gravity Feed)
113	395208		NOZZLE, Carburetor
114	68667		WASHER -(Viton Seat)
118	99525		VALVE, High Speed
121	395670		KIT, Carburetor Overhaul
245	68477		GASKET, Fuel Bowl
358	291728		GASKET SET, Engine
569	27351		GASKET, Crankcase
593	27349		GASKET, Bearing Support -(.020)
593	27374		GASKET, Bearing Support -(.005)
593	27375		GASKET, Bearing Support -(.009)
639	270176		GASKET, Breaker Box
883	272293		GASKET, Exhaust

Footnotes:

AssocPart: 0000000395670
AssocPart: 0000000291728

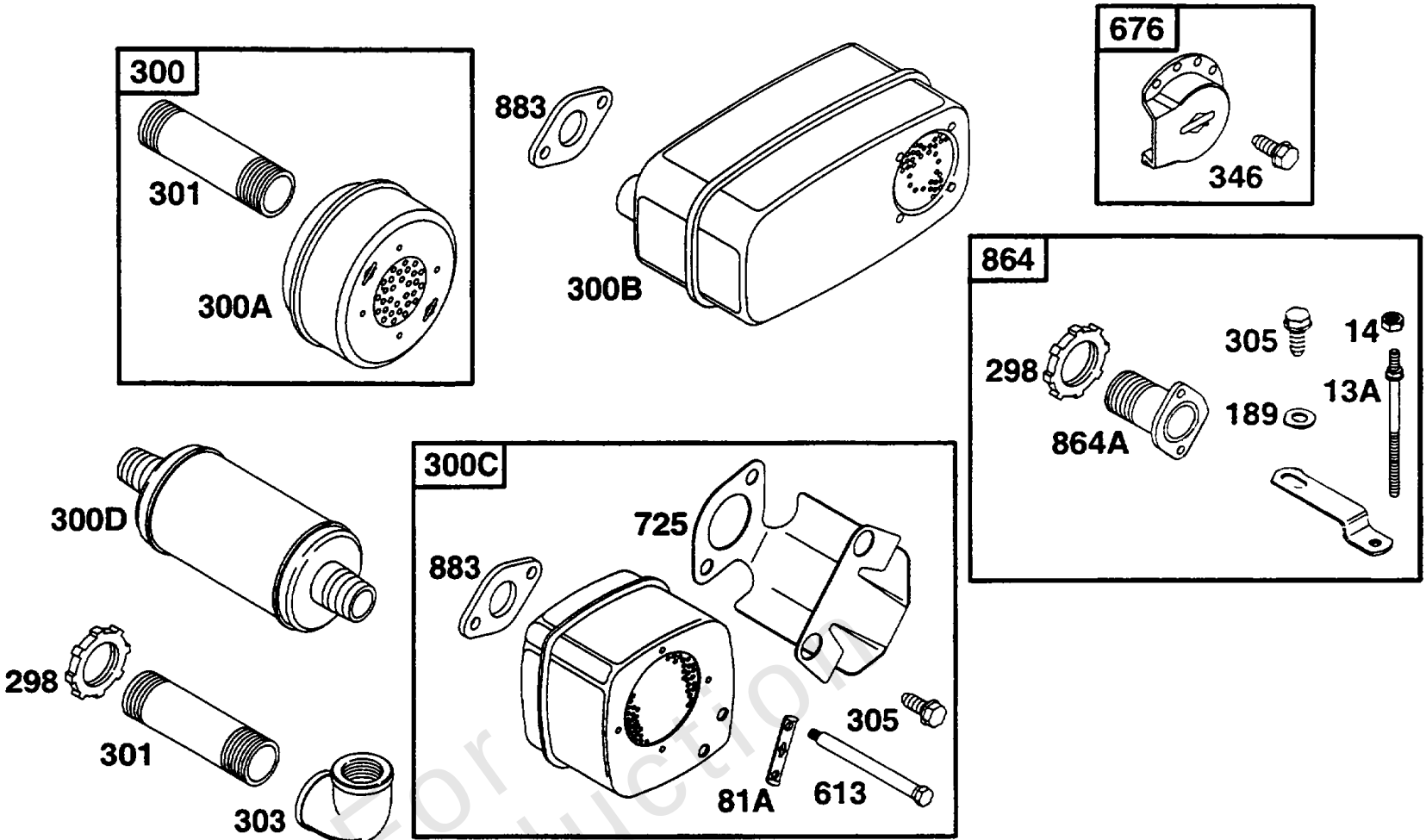


Gear Reducer Assy

REF NO	PART NO	QTY	DESCRIPTION
3	299819		SEAL, Oil -(Plain Bearing)
20A	391086		SEAL, Oil -(Magneto Side)
79	291357		CASE, Gear Reduction
81	220790		LOCK, Screw Head
83	495985		SHAFT, Auxiliary Drive
85	91386		SCREW -(2)
86	291354		COVER, Gear
88	27328		GASKET, Gear Cover/Housing
89	91488		PLUG -(1/8)
189	90366		WASHER
728	94627		SCREW -(Fuel Tank)

Not For
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Footnotes:
AssocPart: 0000000395670
AssocPart: 0000000069858
AssocPart: 0000000230012
AssocPart: 0000000291728



Muffler Grp

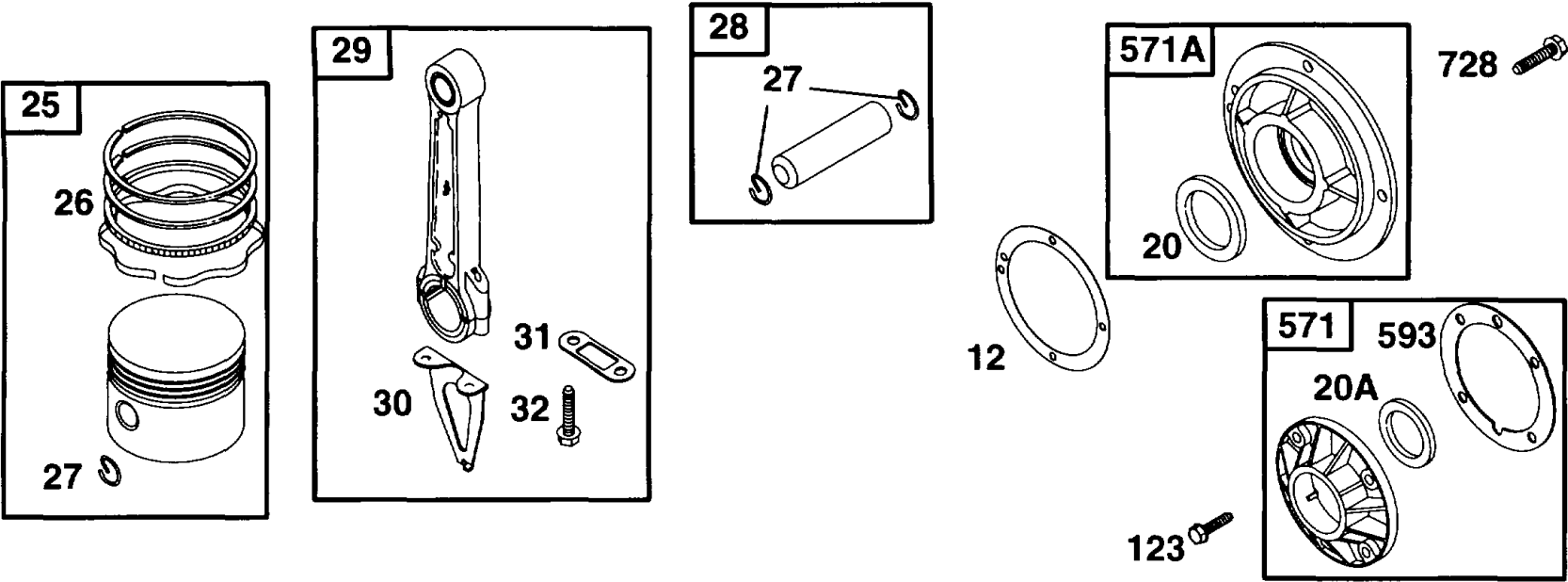
REF NO	PART NO	QTY	DESCRIPTION
13A	94926		STUD -(3 15/16) (3 5/16)
14	94314		NUT
81A	223016		LOCK, Muffler Screw
189	90366		WASHER
298	261564		LOCKNUT -(Muffler and Elbow)
300B	493963		MUFFLER -(Super Lo Tone)
300D	291519		MUFFLER
300C	399635		MUFFLER -(Square Lo Tone)
300A	392989		MUFFLER
300	299477		MUFFLER
301	92107		PIPE, Exhaust -(4)
303	91308		MANIFOLD, Exhaust -(1 Street)
305	94786		SCREW -(1/2)
346	93400		SCREW
346	93705		SCREW -(8-32 X 3/8)
613	93927		SCREW -(Muffler)
676	393761		DEFLECTOR, Muffler -(Side Outlet)
725	223023		SHIELD, Heat
864A	394337		ADAPTER, Muffler
864	394584		ADAPTER, Muffler
883	272293		GASKET, Exhaust

Footnotes:

AssocPart: 0000000395670

AssocPart: 0000000230012

AssocPart: 0000000291728



Piston Grp, Bearing Cvr,

REF NO	PART NO	QTY	DESCRIPTION
12	270789		GASKET, Crankcase
20A	391086		SEAL, Oil -(Magneto Side)
20	291675		SEAL, Oil -(Crankcase Cover)
25	294676		PISTON ASSEMBLY -(Standard)
25	294677		PISTON ASSEMBLY -(.010 Oversize)
25	294678		PISTON ASSEMBLY -(.020 Oversize)
25	294679		PISTON ASSEMBLY -(.030 Oversize)
26	292100		SET, Ring -(Standard)
26	292101		SET, Ring -(.010 Oversize)
26	292102		SET, Ring -(.020 Oversize)
26	292103		SET, Ring -(.030 Oversize)
26	298746		SET, Ring -(Standard)
27	68546		LOCK, Piston Pin
28	294681		PIN, Piston -(.005 Oversize)
28	298401		PIN, Piston -(Standard)
29	298400		ROD, Connecting
29	390304		ROD, Connecting -(.020 Undersize)
30	220805		DIPPER, Connecting Rod
31	22946		LOCK, Rod Screw
32	230557		SCREW -(Connecting Rod)
123	93415		SCREW -(1/4-20 X 3/4)
571A	291665		SUPPORT, Bearing -(Ball Bearing)
571	291672		SUPPORT, Bearing -(Ball Bearing)
593	27349		GASKET, Bearing Support -(.020)
593	27374		GASKET, Bearing Support -(.005)
593	27375		GASKET, Bearing Support -(.009)
728	94627		SCREW -(Fuel Tank)

Footnotes:

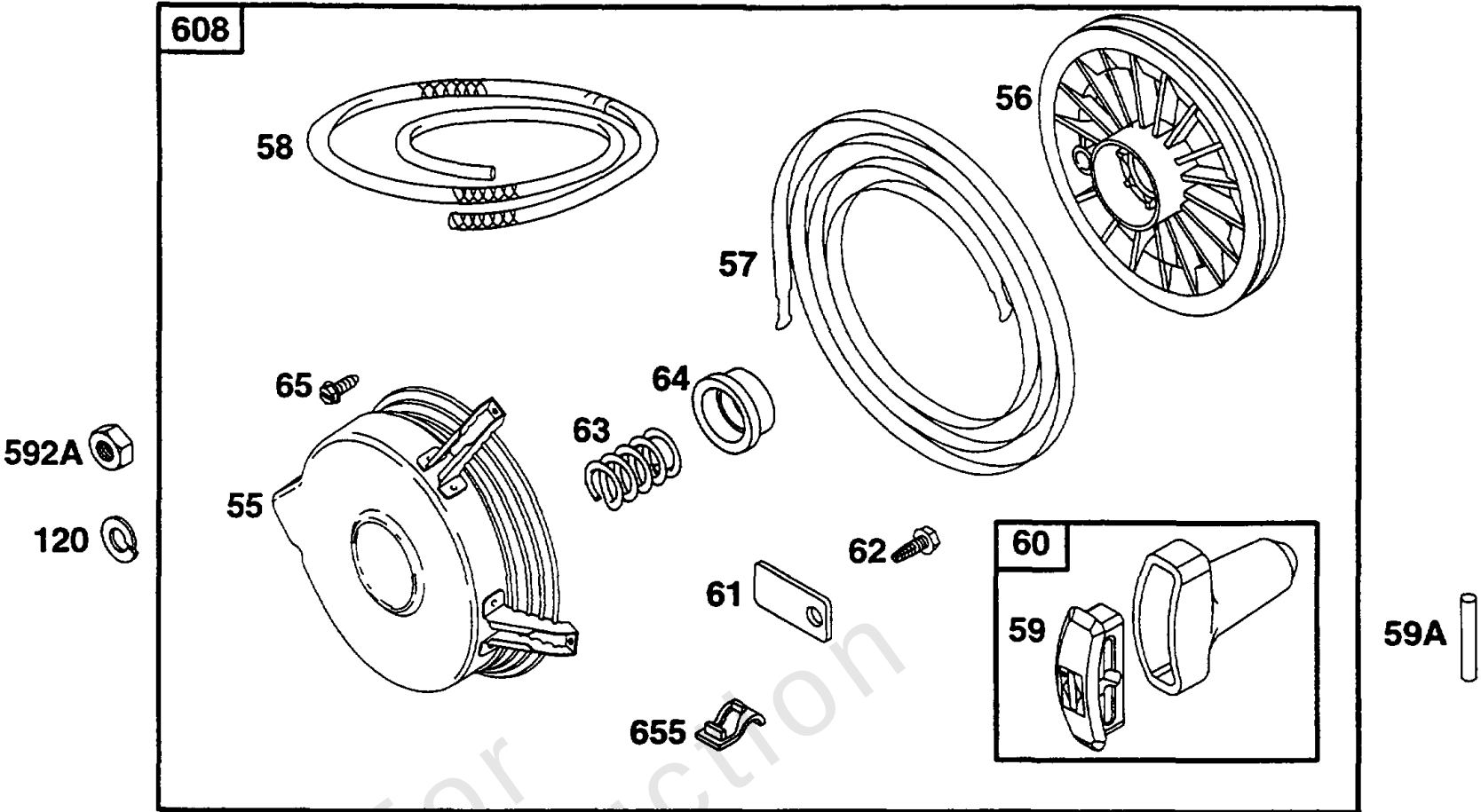
AssocPart: 0000000395670

AssocPart: 0000000291728

Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
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Rewind Starter

REF NO	PART NO	QTY	DESCRIPTION
55	394229		HOUSING, Rewind Starter -(Low Profile)
56	392630		PULLEY, Starter -(63 Rope)
57	490179		SPRING-REWIND STR
58	66884		ROPE, Starter -(Cut To Required Length)
59A	230228		PIN, Starter Grip
59	490653		INSERT, Grip
60	490652		GRIP-STARTER ROPE
61	68848		BUMPER, Starter Pulley
62	93254		SCREW -(Pulley)
63	260414		SPRING, Ratchet
64	231118		ADAPTER, Rewind Spring
65	94694		SCREW -(Tapping)
608	392677		STARTER, Rewind -(Low Profile)
655	222598		ANCHOR, Rewind Spring

Footnotes:

AssocPart: 0000000291728

