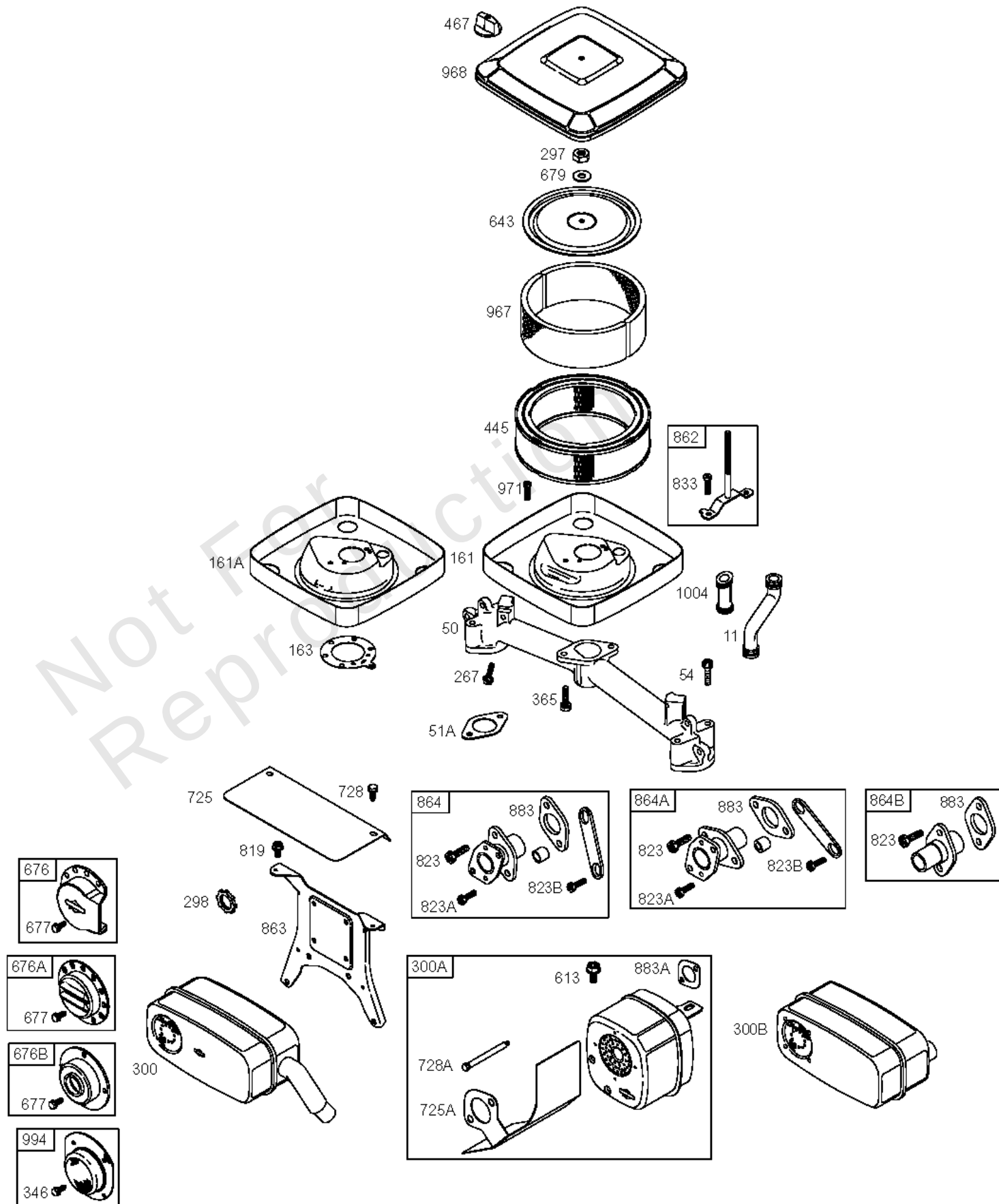




Parts Manual

Mfg. No: 422437-1898-E1

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422400

Illustrations cover a range of engines. Parts shown without corresponding text may not be used on your specific engine.

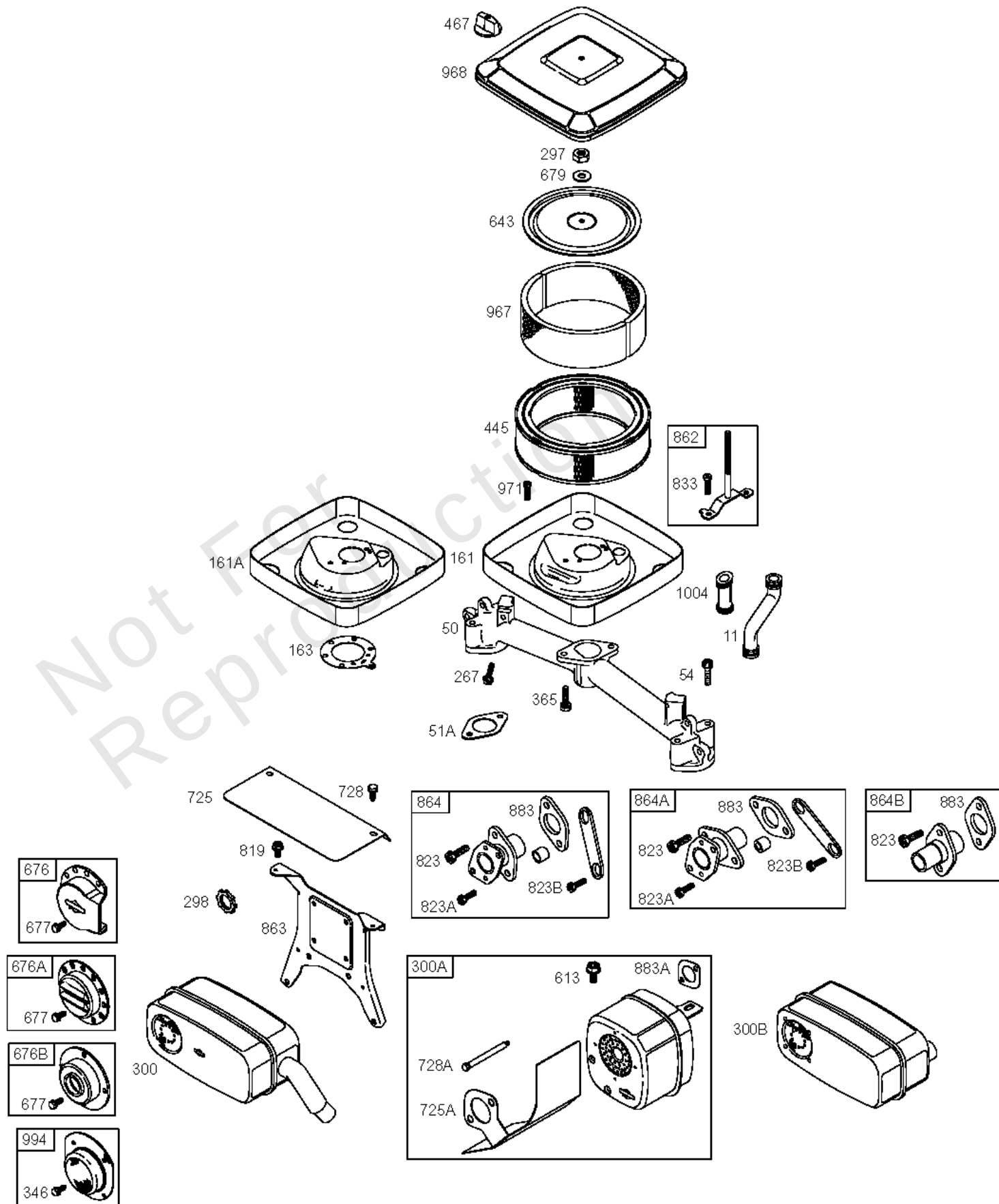
9492-8

Assemblies include all parts shown in frames.

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Air Cleaner, Muffler

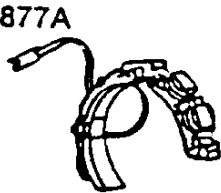
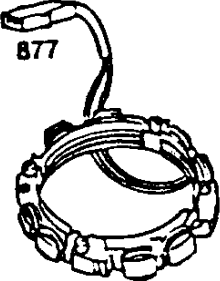
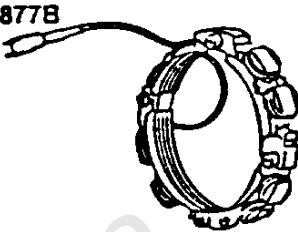
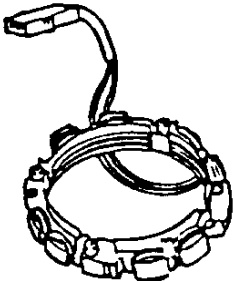
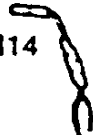
REF NO	PART NO	QTY	DESCRIPTION
11	691907		TUBE, Breather
50	690378		MANIFOLD, Intake
51A	692219		GASKET, Intake
54	691670		SCREW -(Intake Manifold)
161	694064		BASE, Air Cleaner -(Metal) (Used On 4 Screw Fuel Pump Mount Carburetors)
161A	222752		BASE, Air Cleaner -(Metal) (Used On 3 Screw Fuel Pump Mount Carburetors) -Used Before Code Date 91081900
163	690273		GASKET, Air Cleaner -(Air Cleaner)
297	691626		NUT -(Air Filter Retainer)
298	690453		LOCKNUT -(Muffler and Elbow)
300	491307S		MUFFLER -(Super Lo Tone)
300A	399635		MUFFLER -(Square Lo Tone)
300B	498984S		MUFFLER -(Super Lo Tone)
346	690661		SCREW -(Spark Arrestor)
365	691681		SCREW -(Carburetor)
445	394018S		FILTER, A/C Cartridge
467	691668		KNOB, Air Cleaner Cover
613	690810		SCREW -(Muffler)
643	691175		RETAINER, Air Filter
676	393761		DEFLECTOR, Muffler -(Side Outlet)
676A	397630		DEFLECTOR, Muffler -(Louvered Outlet) (Louvered)
676B	396903		DEFLECTOR, Muffler -(Direct Out)
677	690661		SCREW -(Muffler Deflector)
679	691875		WASHER -(Air Filter Retainer)
725	690477		SHIELD, Heat
725A	690420		SHIELD, Heat
728	690297		SCREW -(Heat Shield) -Used After Code Date 97012300
728	692198		SCREW -(Heat Shield) -Used Before Code Date 97012400
728A	691416		SCREW -(Heat Shield)
819	690810		SCREW -(Muffler Bracket)
823	691681		SCREW -(Muffler Adapter)
823A	691648		SCREW -(Muffler Adapter)
823B	690316		SCREW -(Muffler Adapter)

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 9492-8 Assemblies include all parts shown in frames. 5C-7/2002

Air Cleaner, Muffler

REF NO	PART NO	QTY	DESCRIPTION
833	691100		SCREW -(Air Cleaner Mounting Strap/Stud)
862	495077		STRAP/STUD, Air Cleaner Mounting
863	690413		BRACKET, Muffler
864	691975		ADAPTER, Muffler -(Cylinder 1)
864A	691365		ADAPTER, Muffler -(Cylinder 2)
864B	691970		ADAPTER, Muffler
883	692282		GASKET, Exhaust
883A	692236		GASKET, Exhaust
967	272490S		FILTER, Pre Cleaner
968	691747		COVER-AIR CLEANER
994	392390		ARRESTOR, Spark
1004	691897		DUCT, Air

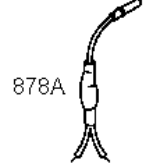
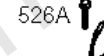
DC Only	Dual Circuit	Tri-Circuit	16 AMP
23	23	23	UNDER NOTE 23
887 	474 	474A 	474B 
			
			

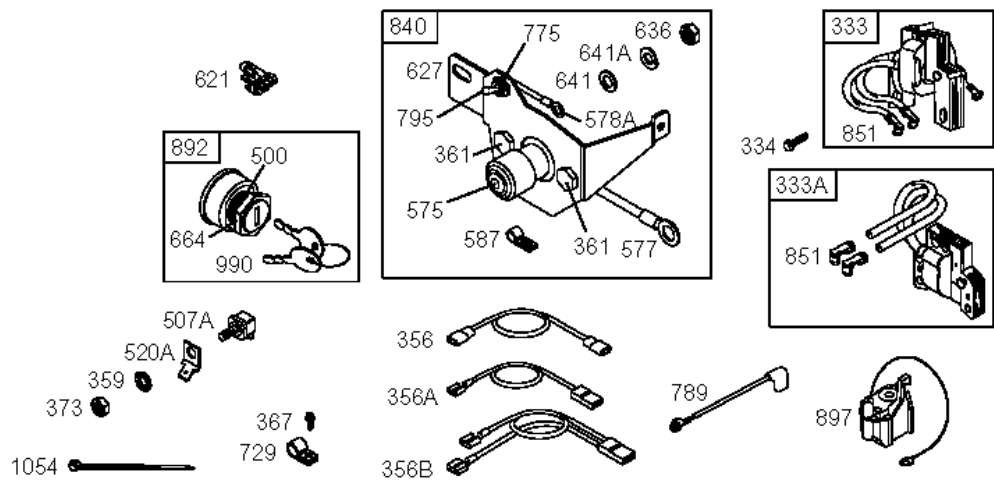
NOTE: All staters use #482 Mtg. Screw

Alternator Chart

REF NO	PART NO	QTY	DESCRIPTION
474A	392595		ALTERNATOR -(Tri Circuit) (9 Amp Regulated)
474B	393295		ALTERNATOR -(10, 13, or 16 Amp-Depending on Size of Flywheel Magnets) (Regulated)
474	393474		ALTERNATOR -(Dual Circuit)
482	93621		SCREW -(Tapping)
501	394890		REGULATOR -(10, 13, or 16 Amp, Depending on Size of Flywheel Magnets)
814	392606		HARNESS, Alternator -(Tri Circuit)
877B	391529		ALTERNATOR -(DC Only)
877A	393537		WIRE/CONNECTOR, Alternator -(Tri Circuit) (9 Amp)
877	393456		WIRE/CONNECTOR, Alternator
878A	393422		WIRE ASSEMBLY -(Dc Only)
878	393362		HARNESS, Alternator -(Dual Circuit)
887	391529		ALTERNATOR -(DC Only)

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AC ONLY	DC ONLY	DUAL CIRCUIT	TRI CIRCUIT	9 AMP	10 AMP	16 AMP
474	474A	474B	474C	474C	474D	474D
	877A 	877 	877B 	877B 	877C 	877C 
578 	578 	878 	878A 	578 	578 	578 
NOTE: All Stators Use No. 1119 Mounting Screw.  NOTE: The proper flywheel part number and/or the alternator magnet size will determine the alternator type or output. See repair instruction manual for additional information.				526A  501A 	526  501 	

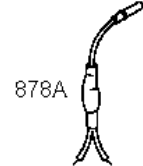


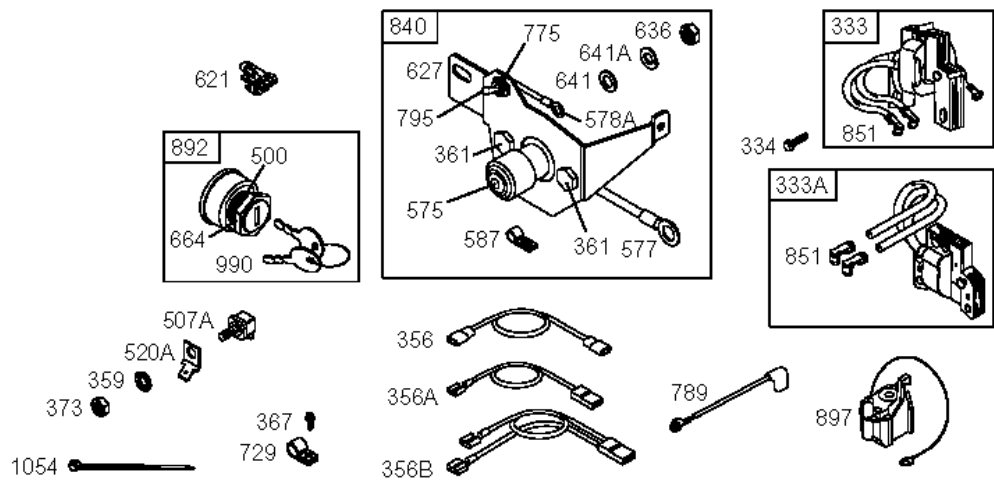
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9492-12 Assemblies include all parts shown in frames. 5C-7/2002

Alternator, Ignition

REF NO	PART NO	QTY	DESCRIPTION
333	394988		ARMATURE, Magneto
333A	394891		ARMATURE, Magneto -(Magnetron Ignition)
334	691061		SCREW -(Magneto Armature)
356	691423		WIRE, Stop -(1 Wire, 10-3/4)(2 Snap Connect Insulated Female Blade Terminals)
356A	690654		WIRE, Stop -(1 Wire, 6-29/32)(Snap Connect Insulated Female Blade Terminal,And Push-On Insulated Male Blade Terminal)
356B	491391		WIRE, Stop -(2 Wires, 5-33/64 And 15-23/32)(Snap Connect Insulated Female Blade Terminal, And 2 Push-On Female Blade Terminals)
361	691681		SCREW -(Starting Switch)
367	691003		SCREW -(Wire Clip)
474	391595		ALTERNATOR -(AC Only)
474A	691953		ALTERNATOR -(DC Only)
474B	696459		ALTERNATOR -(DC Only)
474C	696457		ALTERNATOR -(5 and 9 Amp Regulated)
474D	696458		ALTERNATOR -(10 and 16 Amp Regulated)
500	691086		WASHER -(Key Switch)
501	691185		REGULATOR -(10 and 16 Amp Regulated)
501A	691188		REGULATOR -(5 and 9 Amp Regulated)
507A	691972		INSULATOR
520A	691084		TERMINAL, Ground
526	692198		SCREW -(Regulator) (10-16 Amp Regulated)
526A	690326		SCREW -(Regulator) (5 To 9 Amp Regulated)
575	692303		SWITCH-STARTING
577	690640		CABLE, Starter
578	692306		WIRE ASSEMBLY -(1 Wire, 48-1/2" Long)(Snap Connect Female Pin Socket, And Bare WireEnd)
578A	690642		WIRE ASSEMBLY -(1 Wire, 4 15/16)(Push-On Insulated Female Blade Terminal, AndPush-On Insulated Support Female Blade Flag Terminal)
587	690389		CLAMP, Cable
621	297472S		SWITCH, Stop
627	690422		BRACKET-STOPSWITCH
636	691029		NUT -(Starting Switch) (Used On The Terminals)
641	690282		WASHER -(Starting Switch) (Used On The Terminals)
641A	691075		WASHER -(Starting Switch) (Used On The Terminals)
664	691087		NUT -(Key Switch)
729	690327		CLIP, Wire
775	690315		NUT -(Toggle Switch)

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AC ONLY	DC ONLY	DUAL CIRCUIT	TRI CIRCUIT	9 AMP	10 AMP	16 AMP
474	474A	474B	474C	474C	474D	474D
	877A 	877 	877B 	877B 	877C 	877C 
578 	578 	878 	878A 	578 	578 	578 
NOTE: All Stators Use No. 1119 Mounting Screw. 						
NOTE: The proper flywheel part number and/or the alternator magnet size will determine the alternator type or output. See repair instruction manual for additional information.						

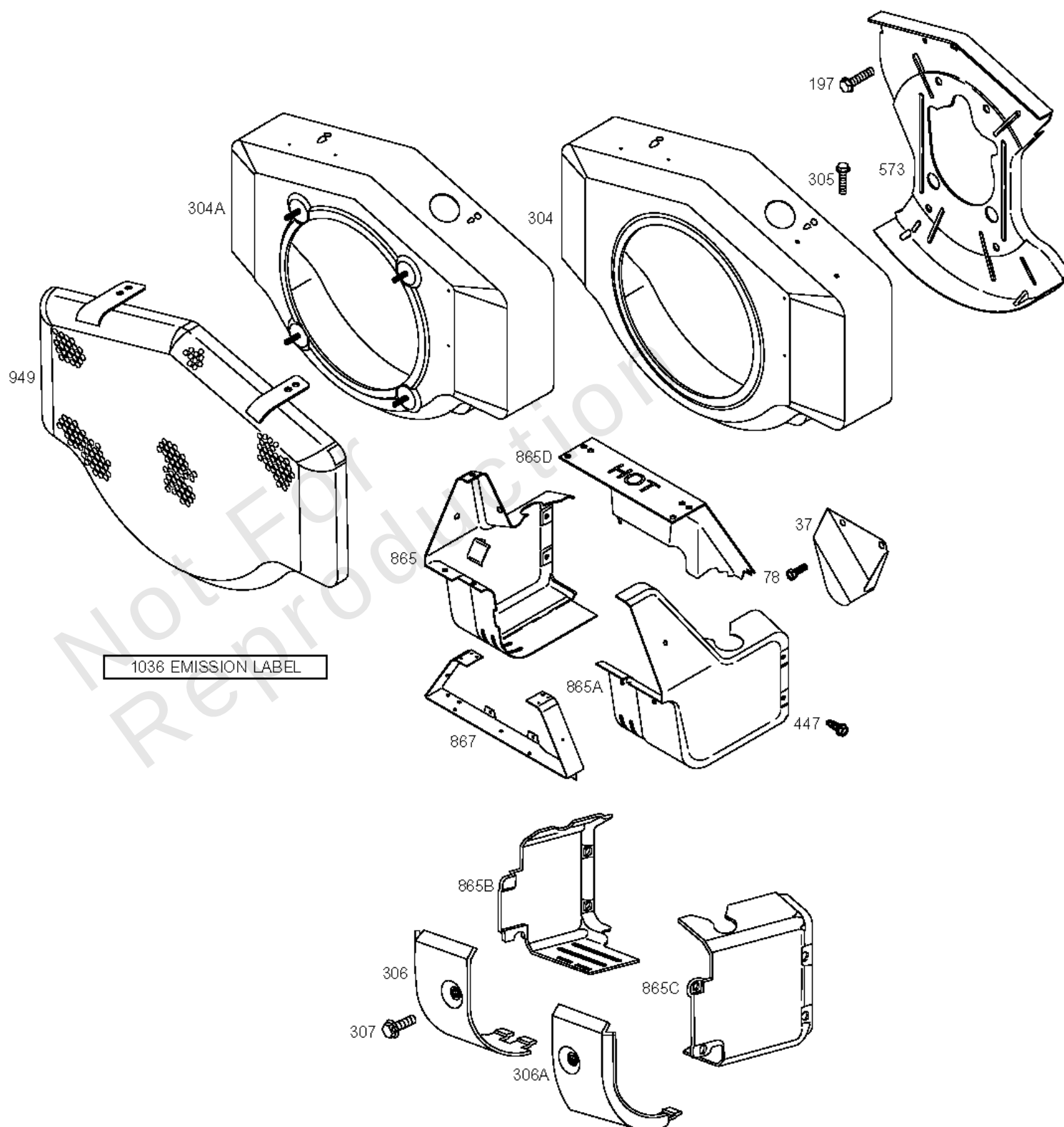


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9492-12 Assemblies include all parts shown in frames. 5C-7/2002

Alternator, Ignition

REF NO	PART NO	QTY	DESCRIPTION
789	690774		HARNESS, Wiring -(1 Wire, 16)(Ring Terminal, And Insulated Flag Female BladeTerminal)
795	496590		SWITCH, Toggle
840	396573		KIT, Panel -(Key Switch)
851	493880S		TERMINAL, Spark Plug
877	393456		WIRE/CONNECTOR, Alternator -(Dual Circuit)
877A	399916		WIRE/CONN-ALTERNATOR -(2 Wires, 7-53/64)(2 Bare Wire Ends, And Insulated Snap ConnectMale Pin Terminal)
877B	393537		WIRE/CONNECTOR, Alternator -(5 and 9 Amp Regulated)
877C	393814		WIRE/CONNECTOR, Alternator -(10 Amp Regulated)
878	691237		HARNESS, Alternator -(2 Wires, 48-1/2, And 48-1/2)(Snap Connect Female Pin Terminal,And 2 Bare Wire Ends)
878A	691955		HARNESS, Alternator -(3 Wires, 5, 48, And 48)(Snap Connect Pin Socket, 2 Bare WireEnds, And 2 Insulated Rectifier Diodes)
892	392833		SWITCH, Key
897	394970		KIT, Magnetron Ignition
990	691959		SET, Key
1119	691183		SCREW -(Alternator)

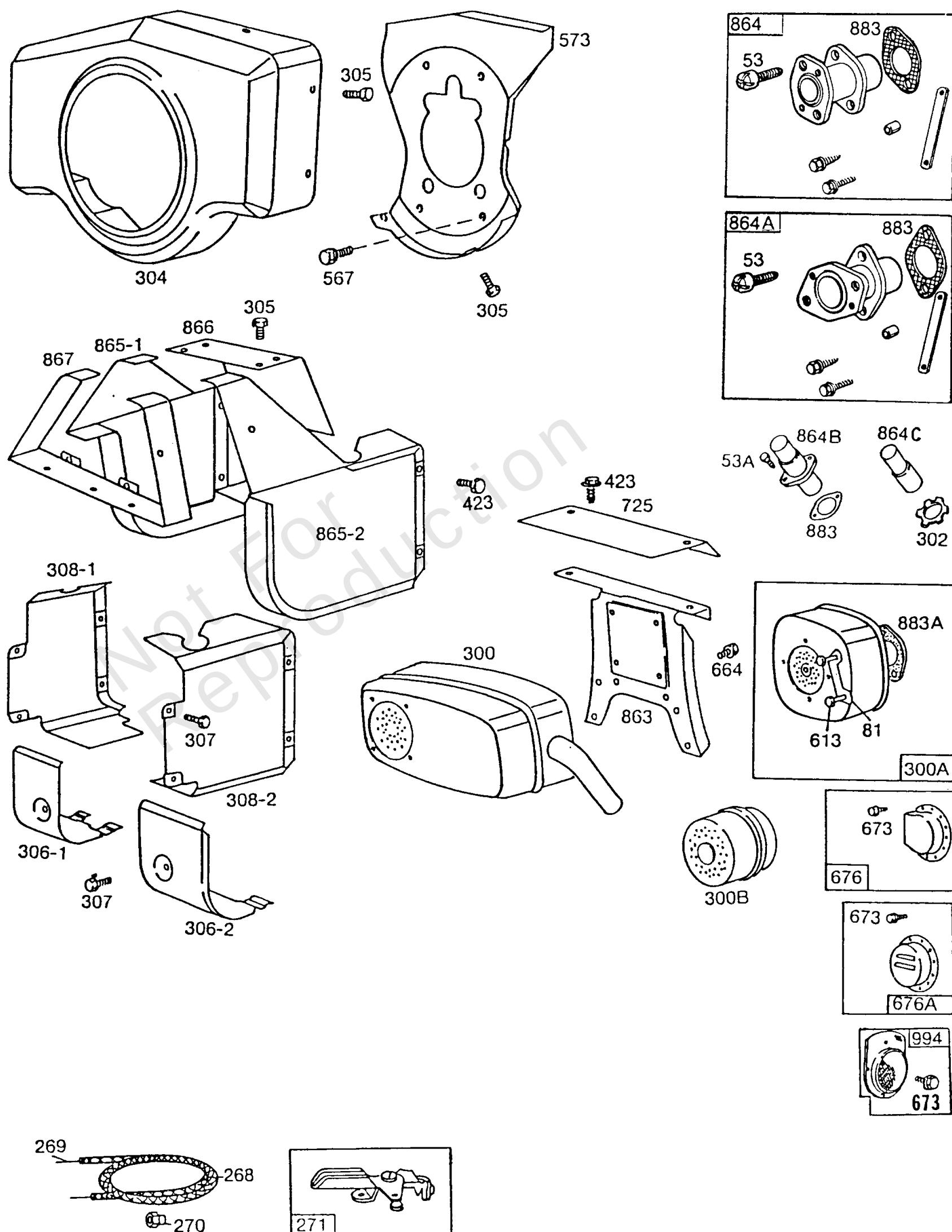
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 9492-10 Assemblies include all parts shown in frames. 5C-7/2002
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Blower Housing/Shroud

REF NO	PART NO	QTY	DESCRIPTION
37	224778		GUARD, Flywheel
78	691058		SCREW -(Flywheel Guard)
197	690364		SCREW -(Back Plate)
304	690825		HOUSING, Blower
304A	491246		HOUSING, Blower -(Rewind Starter)
305	690960		SCREW -(Blower Housing)
305	692198		SCREW -(Blower Housing) (3/4)
306	690414		SHIELD, Cylinder -(Cylinder 1)
306A	690435		SHIELD, Cylinder -(Cylinder 2)
307	691003		SCREW -(Cylinder Shield)
447	690297		SCREW -(Air Guide Cover)
573	690767		PLATE, Back -Used Before Code Date 00121500
573	696041		PLATE-BACK -Used After Code Date 00121400
865	690827		COVER, Air Guide -(Cylinder 1)
865A	690828		COVER, Air Guide -(Cylinder 2)
865B	691196		COVER-AIR GUIDE
865C	691197		COVER-AIR GUIDE
865D	690632		COVER-AIR GUIDE
867	691195		FRAME, Air Guide
949	393330		GUARD, Debris Screen
1036	694408		LABEL, Emissions -Used Before Code Date 99100100
1036	695103		LABEL, Emissions -Used After Code Date 99093000 -Used Before Code Date 00070100
1036	695701		LABEL, Emissions -Used After Code Date 00063000 -Used Before Code Date 01080900
1036	696778		LABEL, Emissions -Used After Code Date 01080800

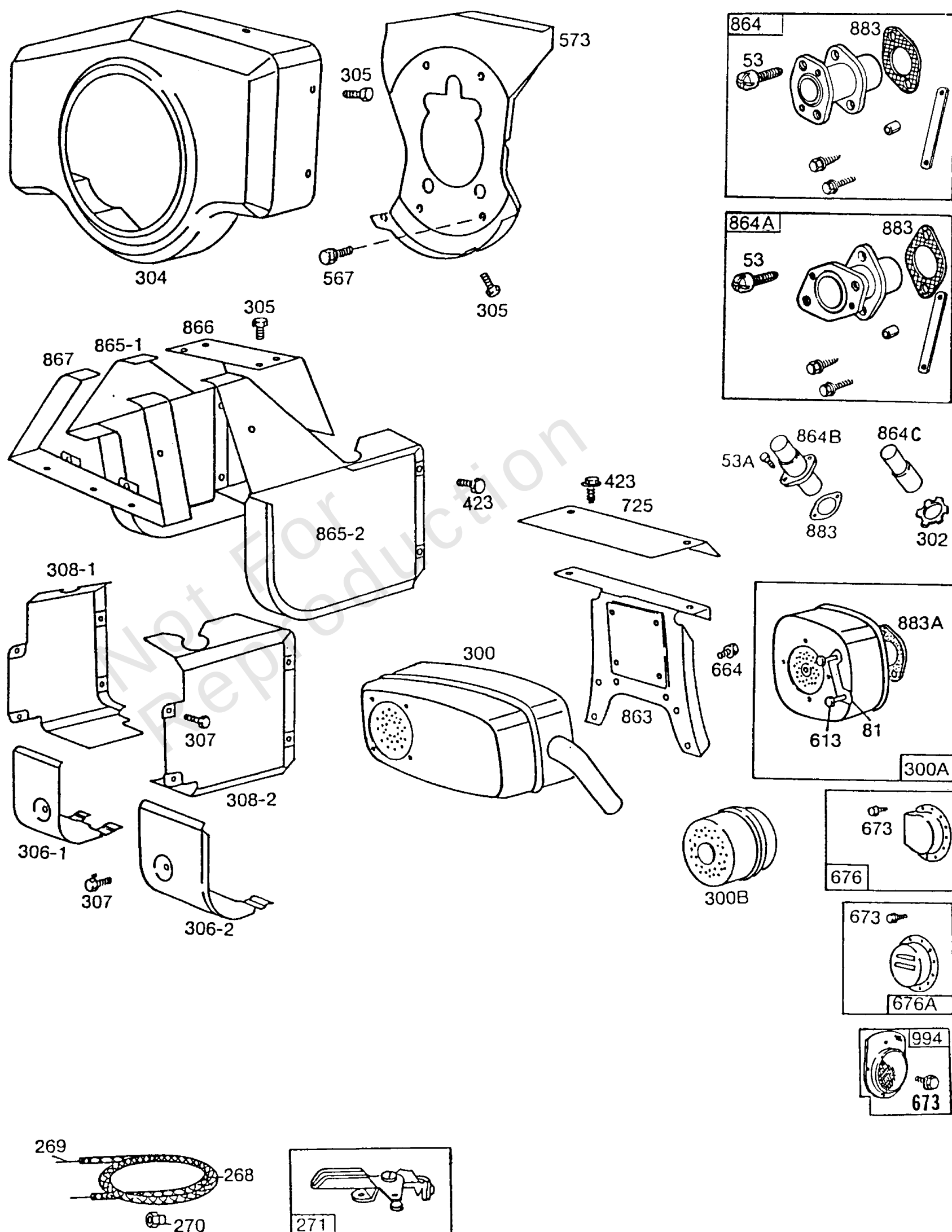


BlowerHsg,Mufflers,Shielding

REF NO	PART NO	QTY	DESCRIPTION
53	93415		SCREW -(1/4-20 X 3/4)
81	223016		LOCK, Muffler Screw
268	65616		CASING, Control Wire -(Cut To Required Length)
269	26633		WIRE, Control -(Cut To Required Length) If longer wire is required, specify length in inches; if shorter wire is needed, order No. 26633 and cut to required length.
270	63426		NUT -(Control Wire Casing)
271	290568		LEVER, Control
300A	394237		MUFFLER
300B	392989		MUFFLER
300	394200		MUFFLER
302	261409		LOCKNUT -(Muffler and Elbow)
304	392681		HOUSING, Blower
305	93158		SCREW -(1/4-20 X 5/8)
306-2	223734		SHIELD, Cylinder
306-2	222847		SHIELD, Cylinder -Use on Engines with 3-5/8 or Shorter Starter Motor
306-1	222846		SHIELD, Cylinder
307	93163		SCREW
308-1	222848		COVER, Air Guide
308-2	222849		COVER, Air Guide
423	93343		SCREW -(Control Panel)
567	93777		SCREW
573	392934		PLATE, Back
613	93927		SCREW -(Muffler)
664	93343		SCREW -(Control Panel)
673	93705		SCREW -(8-32 X 3/8)
676A	222902		DEFLECTOR, Muffler
676	393761		DEFLECTOR, Muffler -(Side Outlet)
725	222981		SHIELD, Heat
863	222776		BRACKET, Muffler
864B	393483		LINER, Port
864C	231162		ADAPTER, Muffler
864A	490357		ADAPTER, Muffler -(Cylinder 2)
864	490358		ADAPTER, Muffler -(Cylinder 1)
865-2	399931		COVER, Cylinder Head -(Cylinder 2)
865-1	392991		COVER, Cylinder Head -(Cylinder 1)
865-2	392992		COVER, Cylinder Head -(Cylinder 2) Used on Engines with 3-5/8 or Shorter Length Starter Motor.
866	393025		COVER, Air Guide

Footnotes:

AssocPart: 0000000291728



BlowerHsg,Mufflers,Shielding

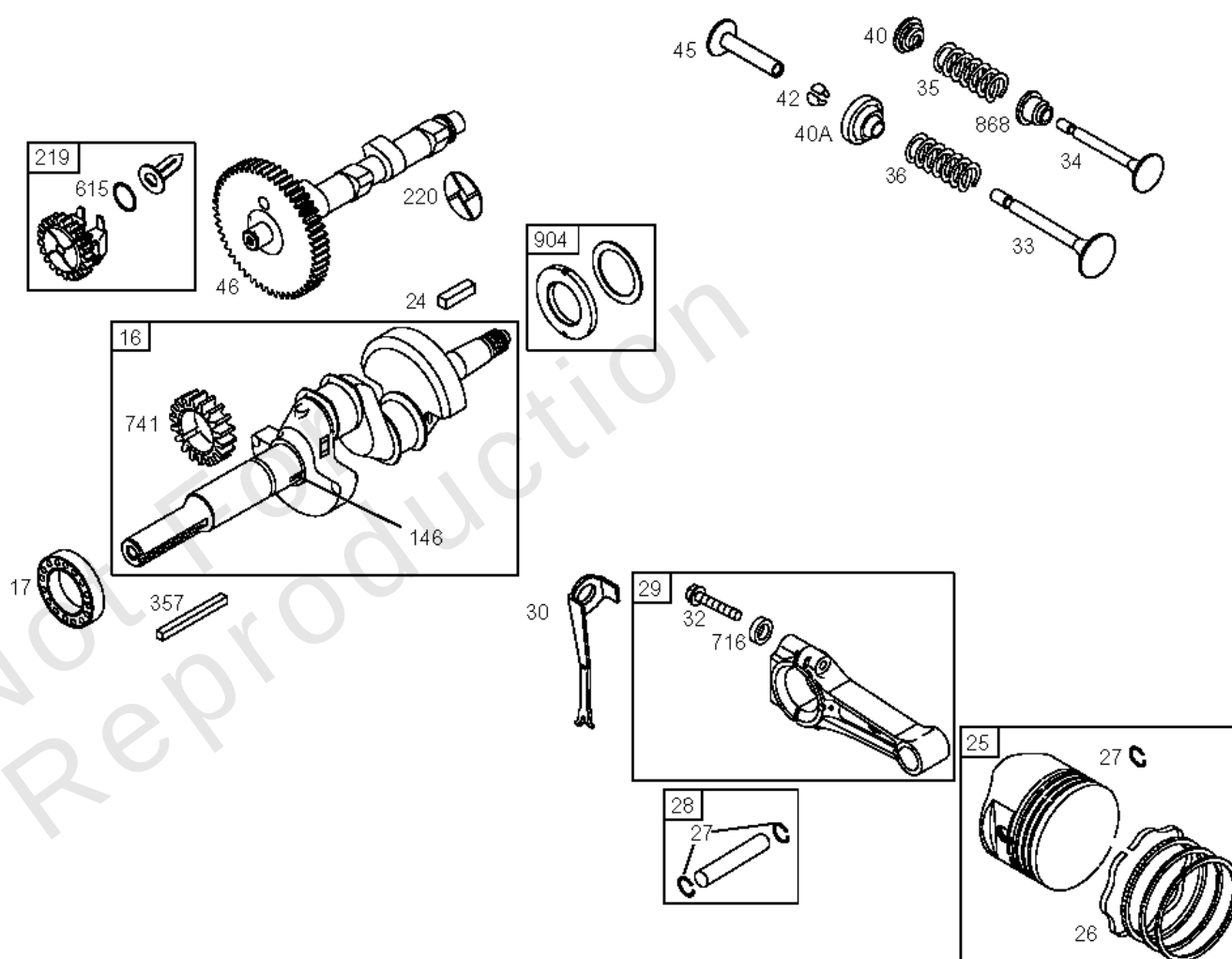
REF NO	PART NO	QTY	DESCRIPTION
867	222775		FRAME, Air Guide
883A	270917		GASKET, Exhaust
883	271174		GASKET, Exhaust
994	392390		ARRESTOR, Spark

Not For
Reproduction

Footnotes:

AssocPart: 0000000291728

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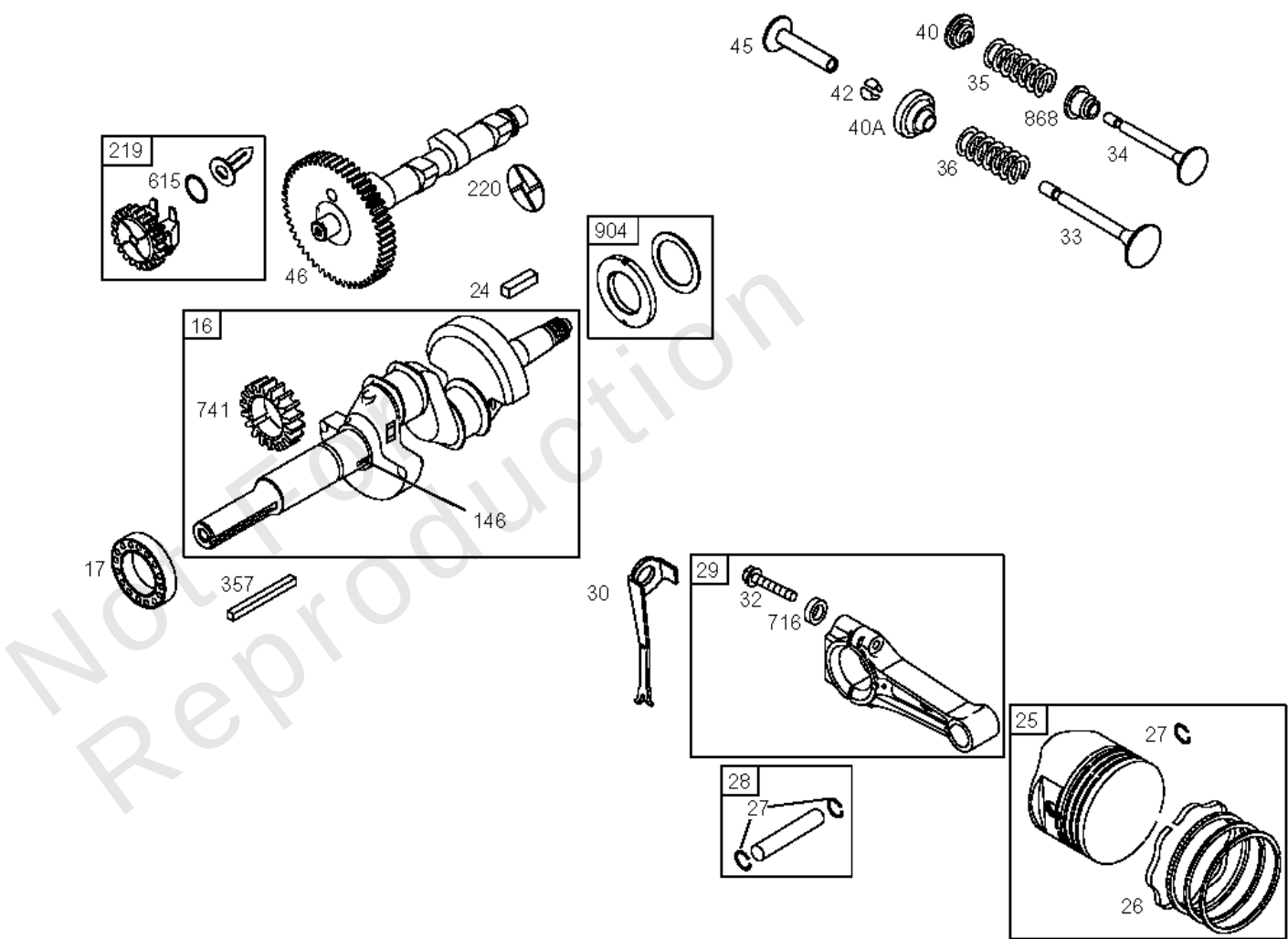


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9492-3 Assemblies include all parts shown in frames. 5C-7/2002

Cam, Crankshaft, Piston, Valves

REF NO	PART NO	QTY	DESCRIPTION
16	690639		CRANKSHAFT
17	691358		BEARING, Ball -(PTO Side)
24	222698S		KEY, Flywheel
25	696398		PISTON ASSEMBLY -(.010 Oversize) -Used After Code Date 01040100
25	696399		PISTON ASSEMBLY -(.020 Oversize) -Used After Code Date 01040100
25	696400		PISTON ASSEMBLY -(.030 Oversize) -Used After Code Date 01040100
25	498584		PISTON ASSEMBLY -(Standard) -Used Before Code Date 01040200
25	498585		PISTON ASSEMBLY -(.010 Oversize) -Used Before Code Date 01040200
25	498586		PISTON ASSEMBLY -(.020 Oversize) -Used Before Code Date 01040200
25	498587		PISTON ASSEMBLY -(.030 Oversize) -Used Before Code Date 01040200
25	696397		PISTON ASSEMBLY -(Standard) -Used After Code Date 01040100
26	696405		SET, Ring -(.020 Oversize) -Used After Code Date 01040100
26	696406		SET, Ring -(.030 Oversize) -Used After Code Date 01040100
26	696404		SET, Ring -(.010 Oversize) -Used After Code Date 01040100
26	394959		SET, Ring -(Standard) -Used Before Code Date 01040200
26	394960		SET, Ring -(.010 Oversize) -Used Before Code Date 01040200
26	394961		SET, Ring -(.020 Oversize) -Used Before Code Date 01040200
26	394962		SET, Ring -(.030 Oversize) -Used Before Code Date 01040200
26	696403		SET, Ring -(Standard) -Used After Code Date 01040100
27	691299		LOCK, Piston Pin -Used After Code Date 95101500
28	391286		PIN, Piston -(.005 Oversize) -Used Before Code Date 95101600
28	498319		PIN, Piston -(Standard) -Used After Code Date 95101500
28	498320		PIN, Piston -(.005 Oversize) -Used After Code Date 95101500

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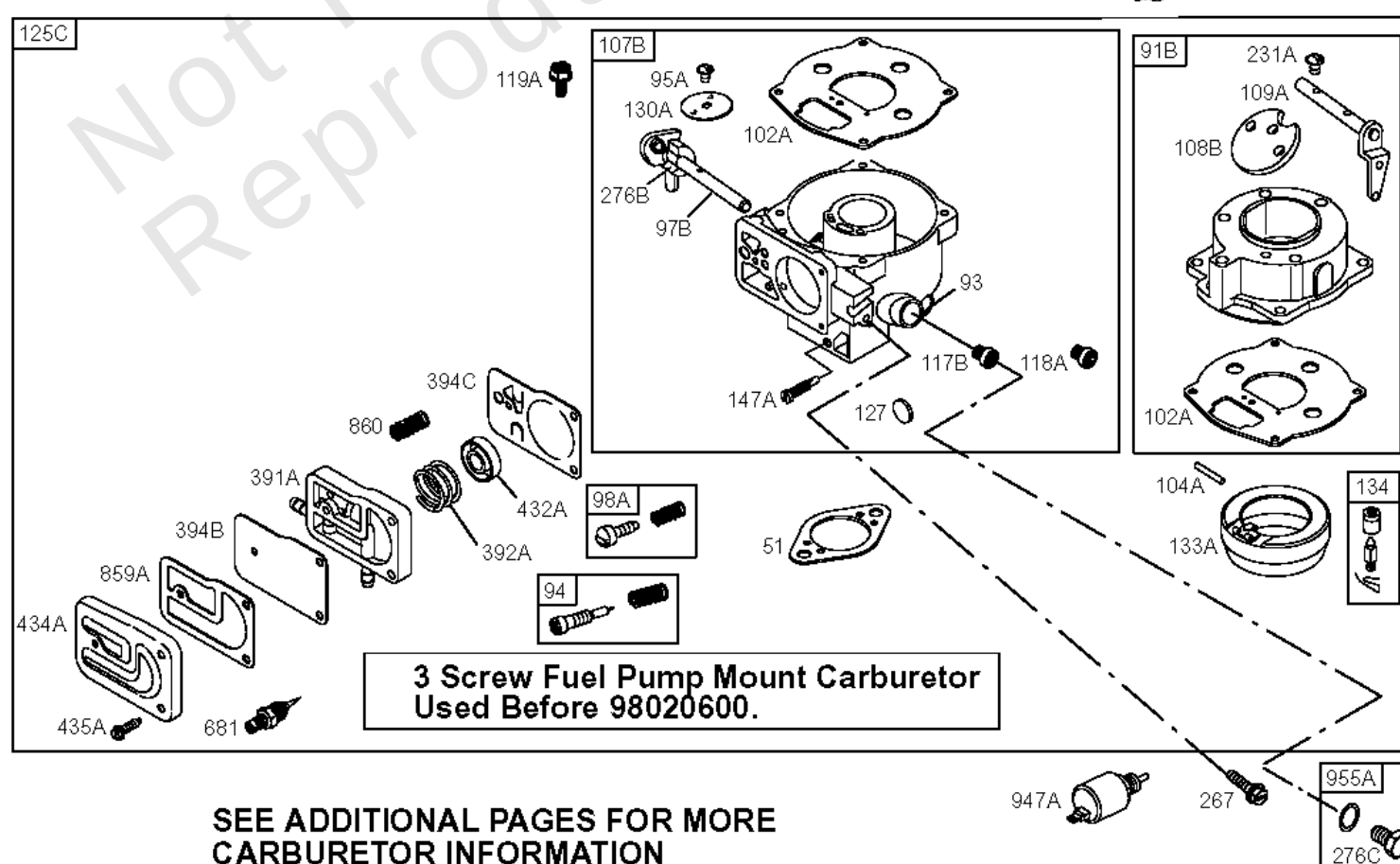
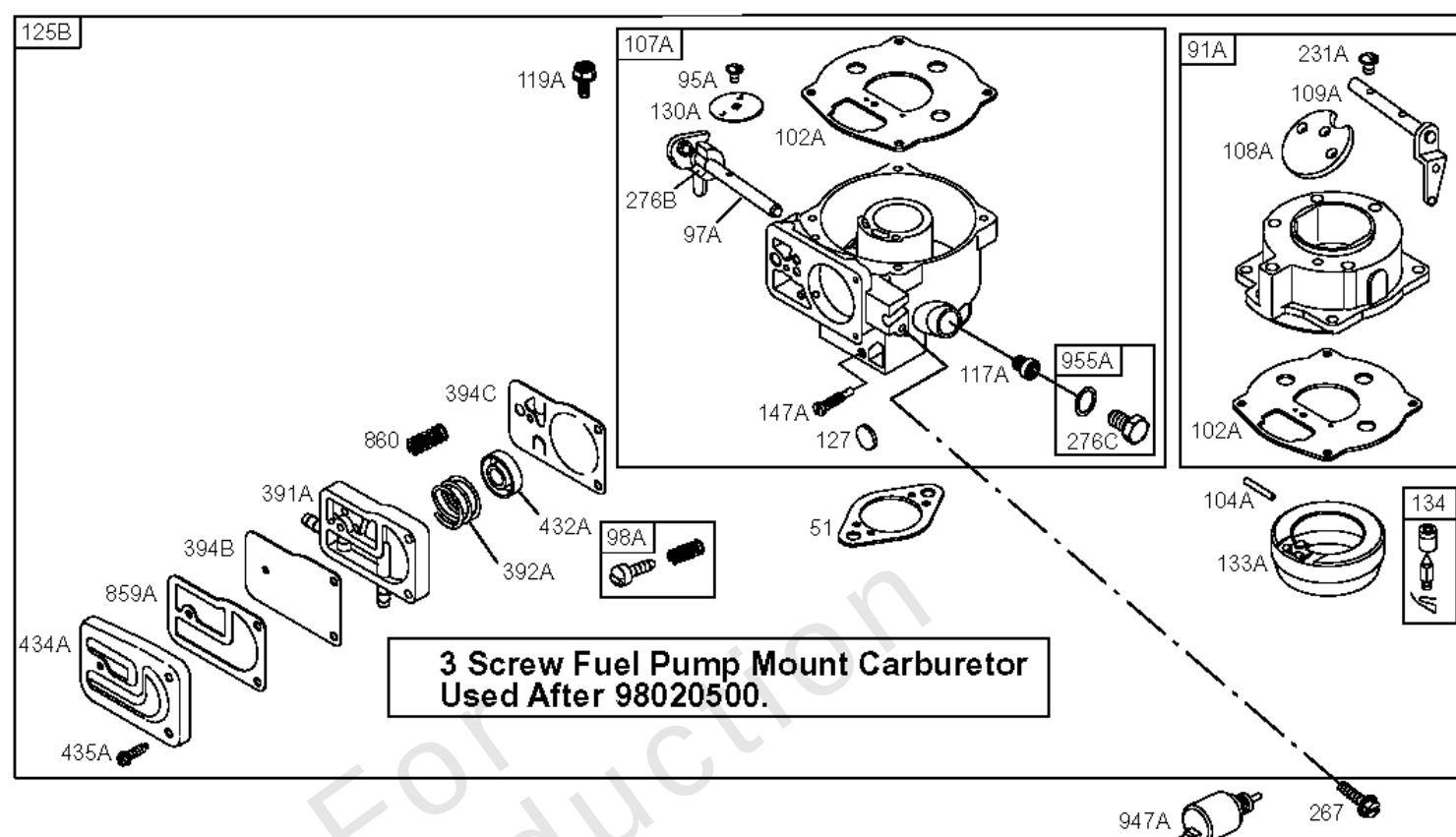


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3

Cam, Crankshaft, Piston, Valves

REF NO	PART NO	QTY	DESCRIPTION
28	299691		PIN, Piston -(Standard) -Used Before Code Date 95101600
29	397158		ROD, Connecting -(.020 Undersize)
29	394306		ROD, Connecting -(Standard)
30	691733		DIPPER, Connecting Rod
32	691133		SCREW -(Connecting Rod)
33	691794		VALVE, Exhaust
34	691802		SEAT, Valve -(Intake)
34	691804		VALVE-INTAKE
35	691605		SPRING, Valve -(Intake)
36	691597		SPRING, Valve -(Exhaust)
40	690656		RETAINER, Valve -(Intake)
40A	691939		RETAINER, Valve -(Exhaust)
42	494553		KEEPER, Valve -(Exhaust)
45	691800		TAPPET, Valve
46	214484		CAMSHAFT
146	691639		KEY, Woodruff
219	698231		GEAR, Governor
220	690412		WASHER -(Governor Gear)
357	691483		KEY, Drive Pulley
615	690317		RETAINER, Governor Shaft
716	220863		WASHER -(Connecting Rod)
741	691277		GEAR, Timing
868	692324		SEAL, Valve -(Black)
904	492665		BEARING, Needle

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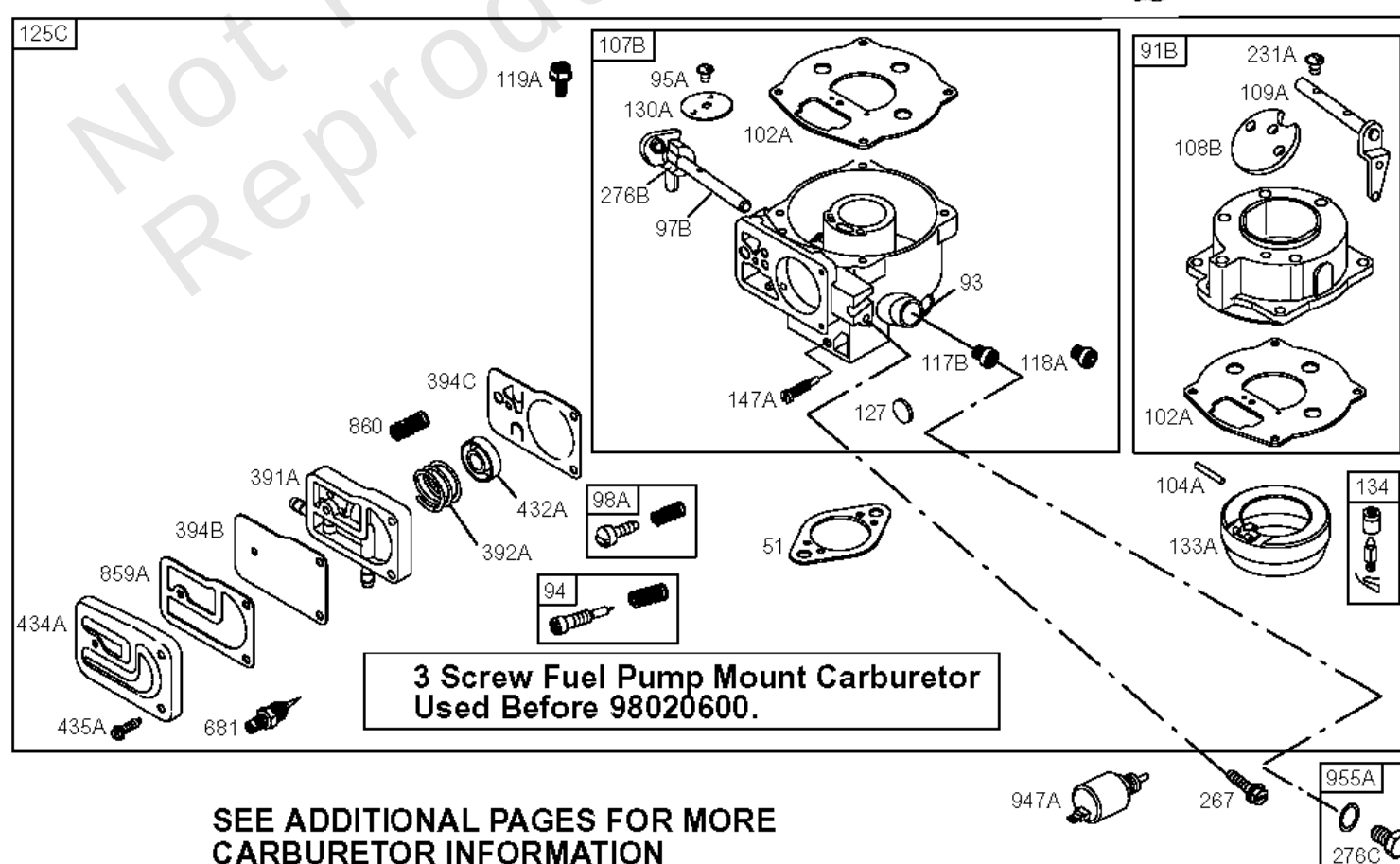
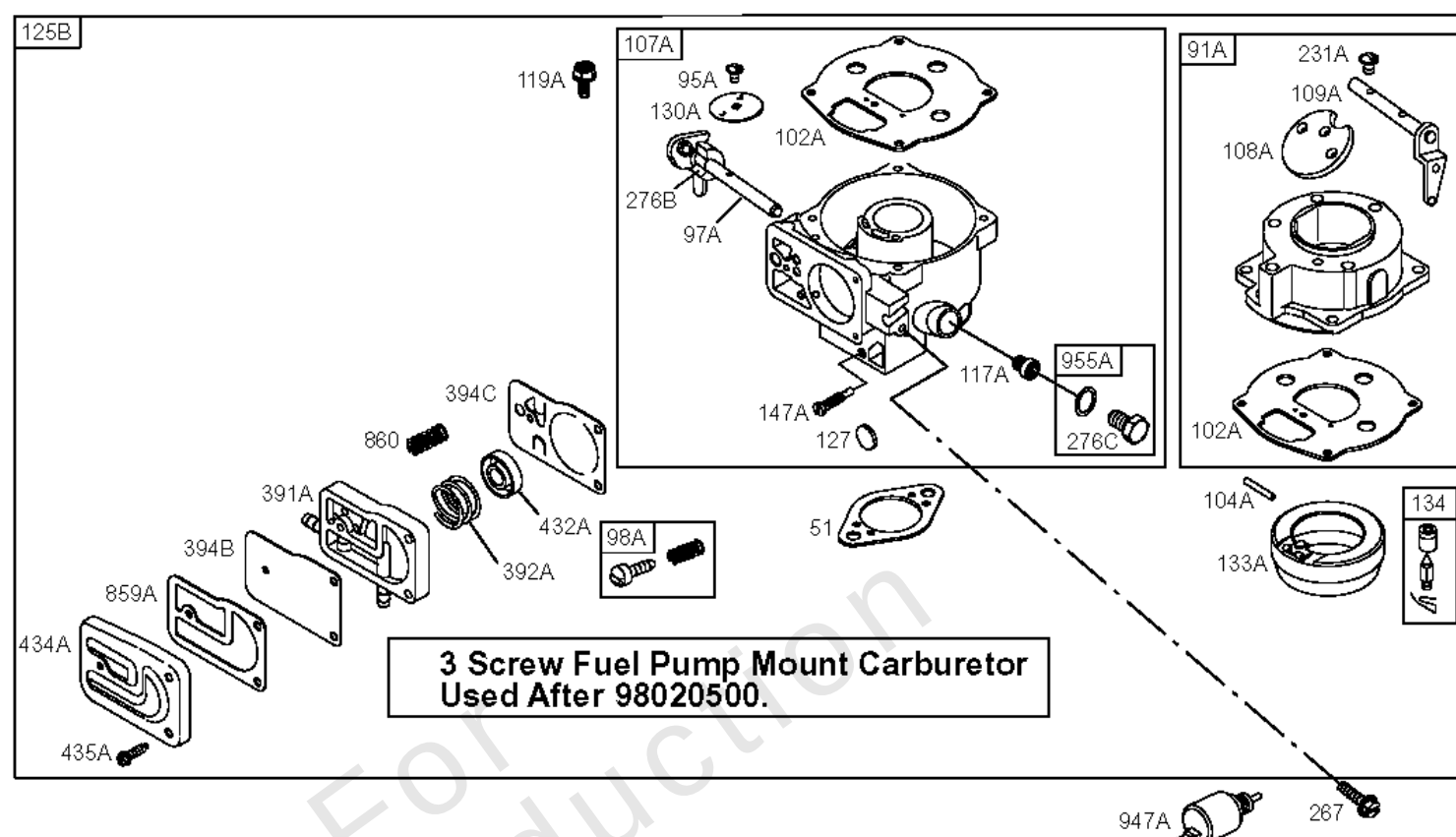
**SEE ADDITIONAL PAGES FOR MORE
CARBURETOR INFORMATION**

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Carburetor (3 Screw Mount)

REF NO	PART NO	QTY	DESCRIPTION
91A	499281		BODY, Upper Carburetor
91B	495035		BODY, Upper Carburetor
93	690513		BUSHING, Throttle Shaft -Used Before Code Date 98020600
94	491538		VALVE, Idle Mixture
95A	691437		SCREW -(Throttle Valve)
97A	691485		SHAFT, Throttle -(Used On 3 Screw Fuel Pump Mount Carburetors) -Used After Code Date 98020500
97B	690629		SHAFT-THROTTLE -(Used On 3 Screw Fuel Pump Mount Carburetors) -Used Before Code Date 98020600
98A	693942		KIT, Idle Speed
102A	273186S		GASKET, Carburetor Body
104A	691775		PIN, Float Hinge
107A	499655		BODY, Lower Carburetor
107B	491543		BODY, Lower Carburetor
108A	691233		VALVE, Choke
108B	223534		VALVE, Choke
109A	691957		SPRING, Valve
117A	691253		JET, Main -(Standard)
117B	691773		JET, Main -(Standard)
118A	231333		JET, Main -(High Altitude)
119A	691090		SCREW -(Upper To Lower Carburetor Body)
125B	-----		MOTOR, Starter -(3 Screw Fuel Pump Mount)(Service With Reference 125A) -Used After Code Date 98020500
125C	-----		MOTOR, Starter -(3 Screw Fuel Pump Mount)(Service With Reference 125A) -Used Before Code Date 98020600
127	691739		PLUG-WELCH
130A	691727		VALVE, Throttle
133A	692265		FLOAT, Carburetor
134	394682		KIT, Needle/Seat -(Gravity Feed)
147A	691431		JET, Pilot
231A	691437		SCREW -(Choke Valve)
276B	691319		WASHER, Sealing -(Throttle Shaft)
276C	691872		WASHER, Sealing -(Carburetor Plug)
391A	691896		BODY, Fuel Pump
392A	691801		SPRING, Pump Diaphragm
394B	691871		DIAPHRAGM, Carburetor
394C	272638S		DIAPHRAGM-CARB.
432A	690766		CAP-SPRING
434A	690434		COVER, Diaphragm
435A	691085		SCREW -(Diaphragm Cover)
859A	691873		GASKET, Carburetor Pump
860	691799		SPRING, Diaphragm

422400



**SEE ADDITIONAL PAGES FOR MORE
CARBURETOR INFORMATION**

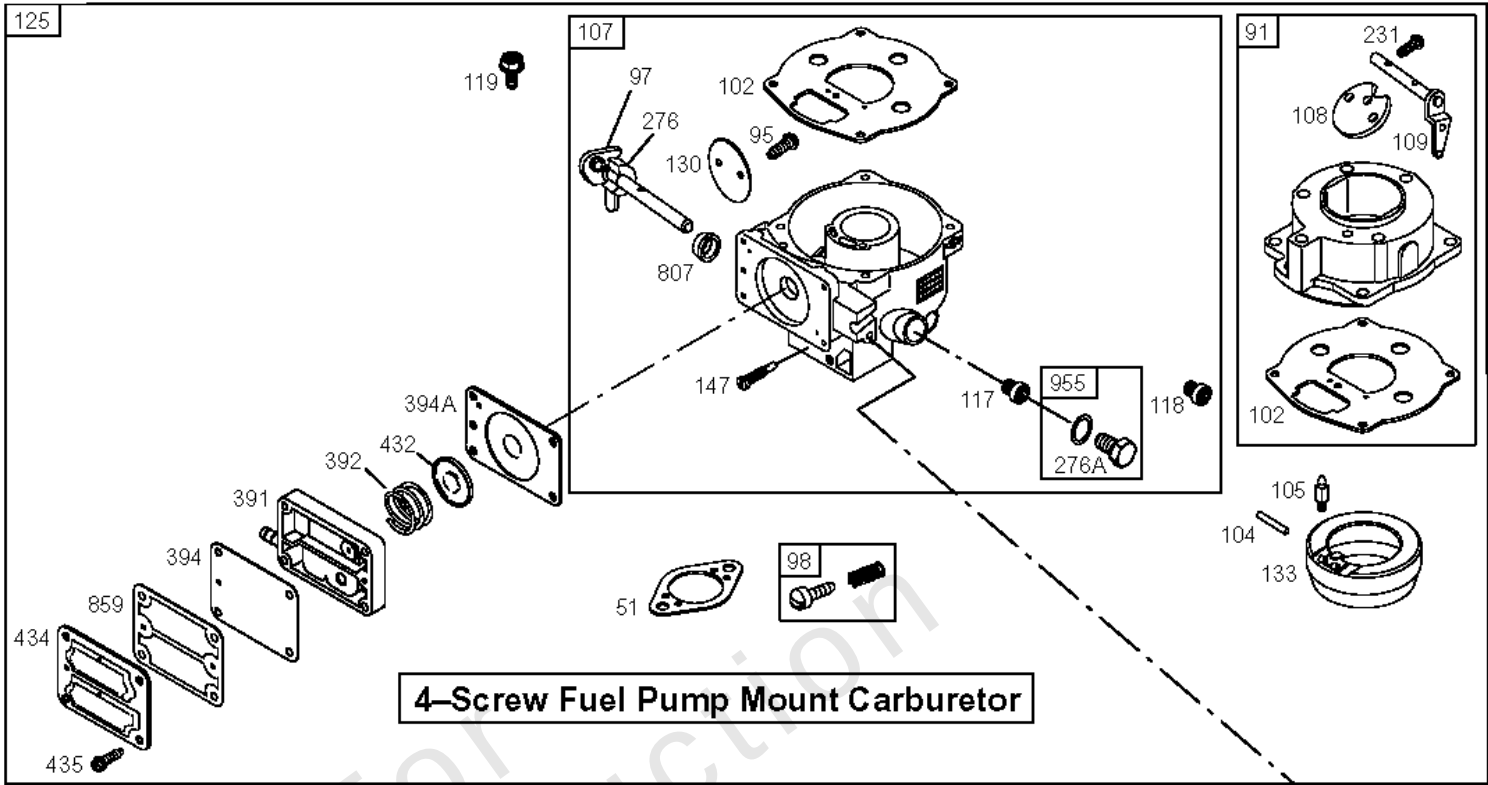
Illustrations cover a range of engines. Parts shown without corresponding text may not be used on your specific engine.

Carburetor (3 Screw Mount)

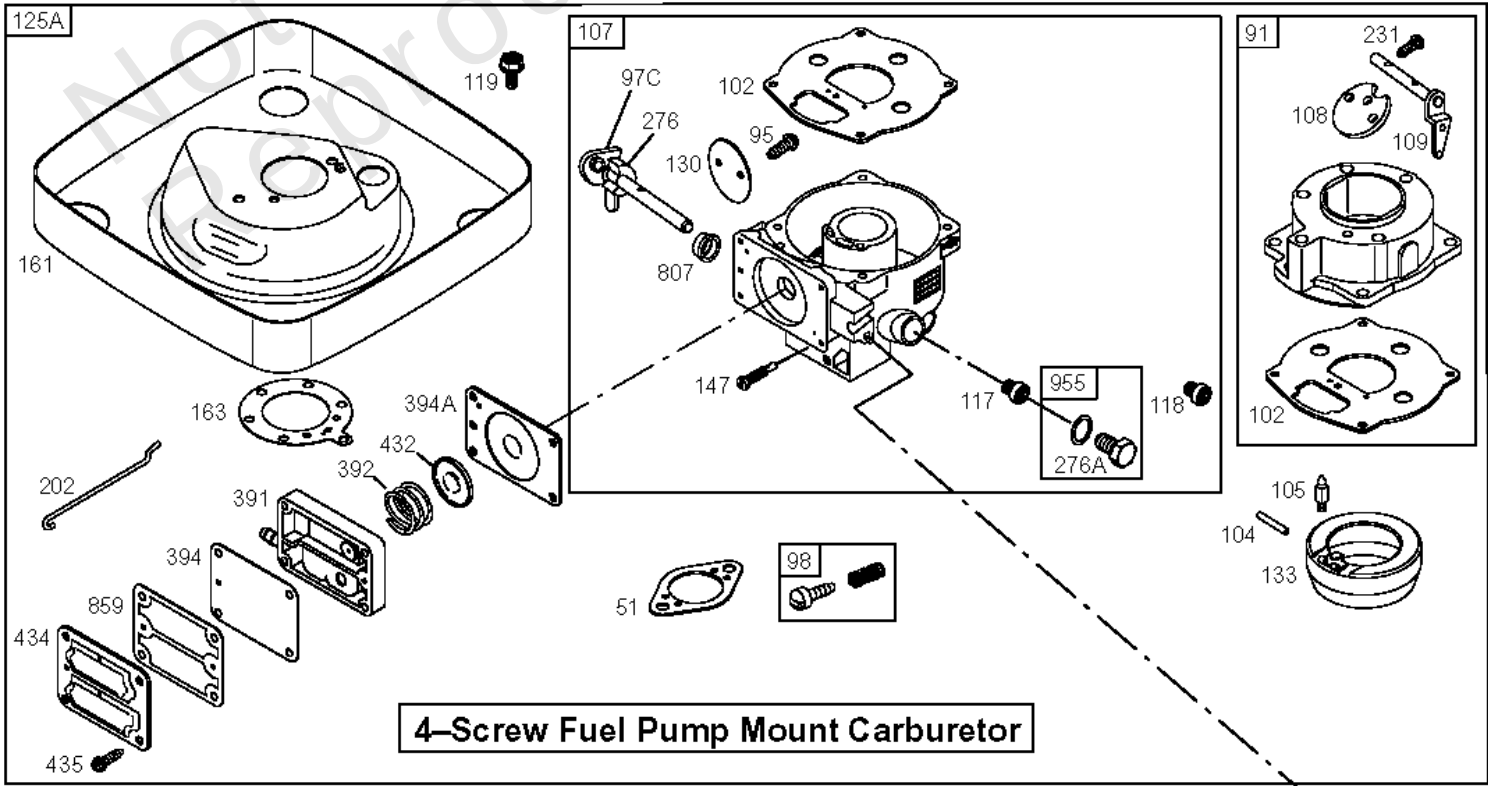
REF NO	PART NO	QTY	DESCRIPTION
947A	397266		SOLENOID, Fuel -(Used On 3 Screw Fuel Pump Mount Carburetors)
955A	397882		PLUG, Carburetor -(Solenoid Hole)

Not For Reproduction

422400



SEE ADDITIONAL PAGES FOR MORE
CARBURETOR INFORMATION

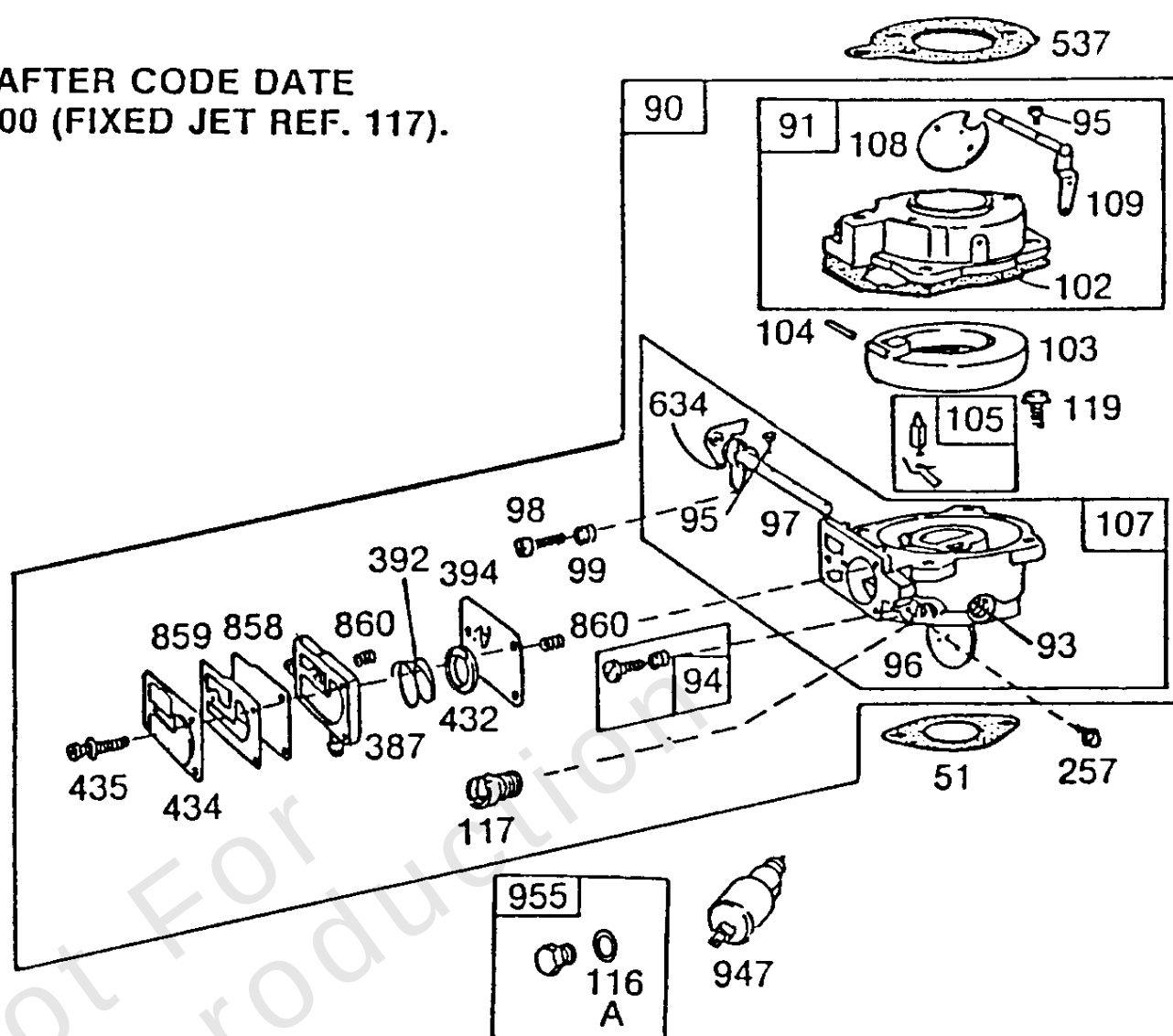


Illustrations cover a range of engines. Parts shown without corresponding text may not be used on your specific engine.
9492-5 Assemblies include all parts shown in frames. 5C-7/2002

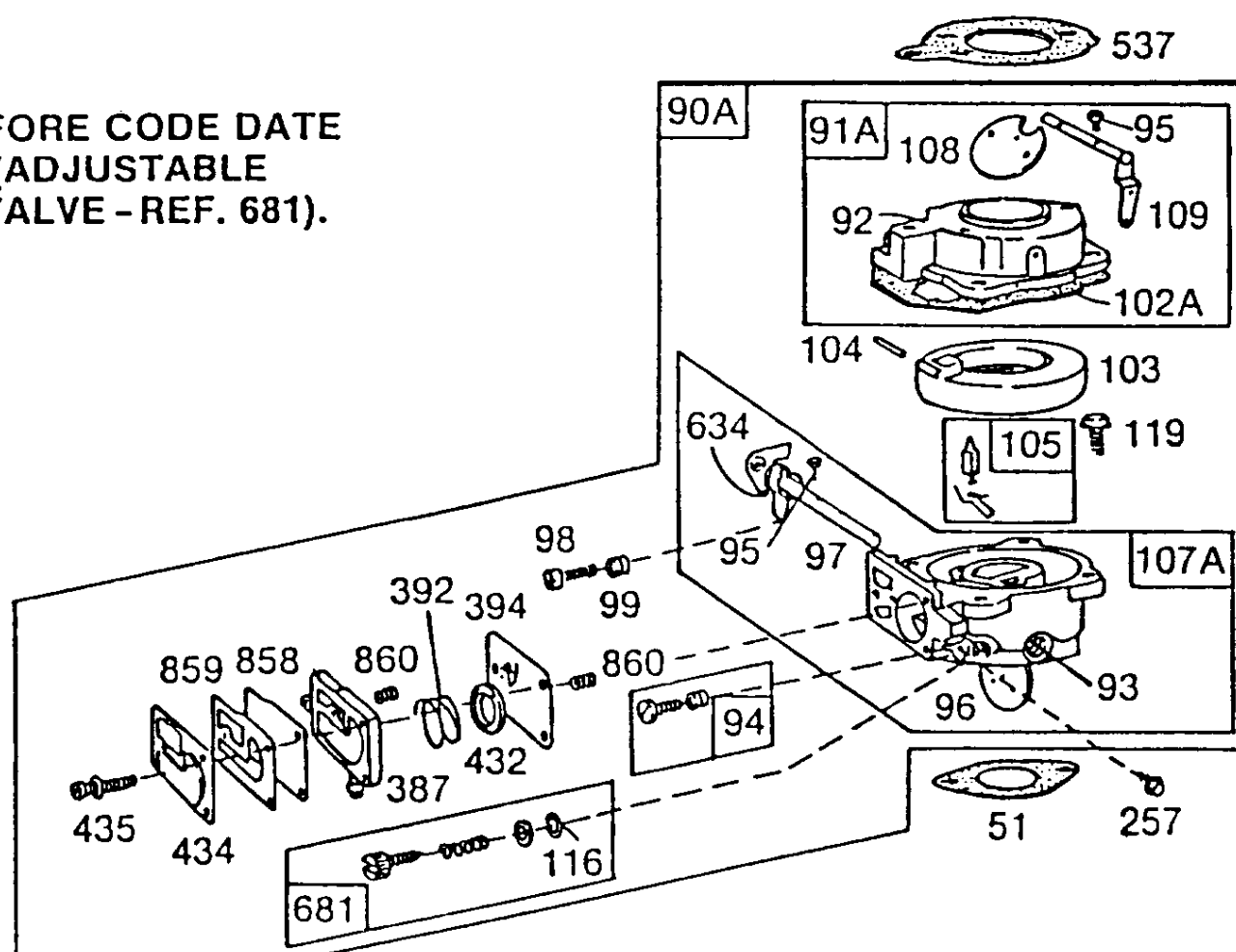
Carburetor (4-Screw Mount)

REF NO	PART NO	QTY	DESCRIPTION
51	692278		GASKET, Intake
91	693483		BODY, Upper Carburetor
95	690718		SCREW -(Throttle Valve)
97	693485		SHAFT, Throttle -(Used On 4 Screw Fuel Pump Mount Carburetors)
97C	693486		SHAFT, Throttle -(Used On Reference 125)
98	807923		KIT, Idle Speed
102	693509		GASKET, Carburetor Body
104	693506		PIN-FLOAT HINGE
105	692078		VALVE, Float Needle
107	693482		BODY, Lower Carburetor
108	693505		VALVE, Choke
109	693498		SHAFT, Choke
117	693507		JET, Main -(Standard)
118	693499		JET, Main -(High Altitude)
119	690720		SCREW -(Upper To Lower Carburetor Body)
125	693480		CARBURETOR -(4 Screw Fuel Pump Mount)
125A	694026		CARBURETOR -(4 Screw Fuel Pump Mount)
130	693504		VALVE, Throttle
133	693512		FLOAT, Carburetor
147	693508		JET, Pilot
231	690718		SCREW -(Choke Valve)
267	690316		SCREW -(Casing Clamp)
276	693510		WASHER, Sealing -(Throttle Shaft)
276A	693497		WASHER, Sealing -(Carburetor Plug)
391	693487		BODY, Fuel Pump
392	693491		SPRING, Pump Diaphragm
394	693489		DIAPHRAGM, Carburetor
394A	693488		GASKET, Carburetor Pump
432	693492		CAP, Spring
434	693493		COVER, Diaphragm
435	693494		SCREW -(Diaphragm Cover)
807	693511		SPACER -(Throttle)
859	693490		GASKET, Carburetor Pump
947	693495		SOLENOID, Fuel -(Used On 4 Screw Fuel Pump Mount Carburetors)
955	693513		PLUG, Carburetor

USED AFTER CODE DATE
84022300 (FIXED JET REF. 117).



**USED BEFORE CODE DATE
84022400 (ADJUSTABLE
NEEDLE VALVE - REF. 681).**



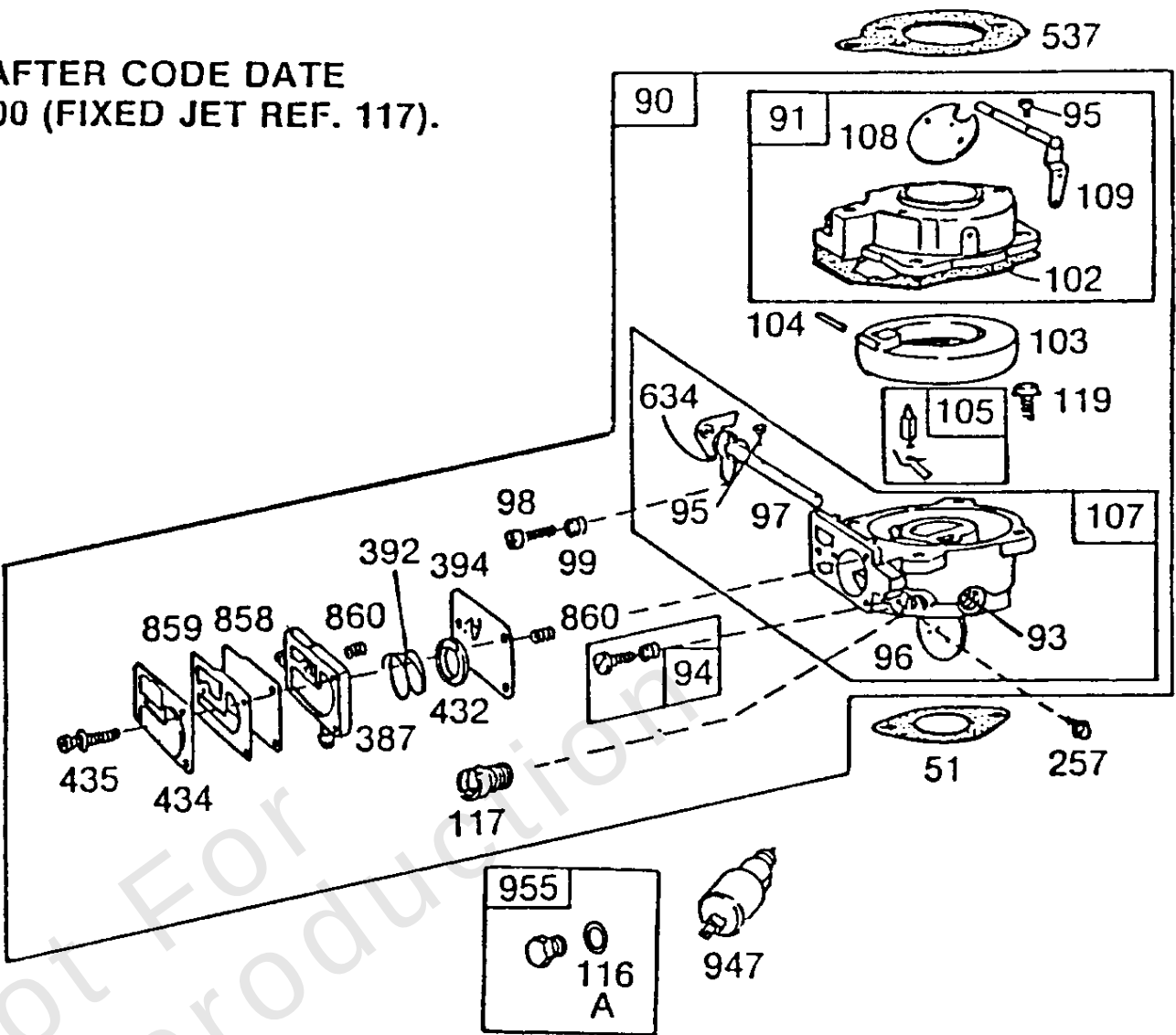
Carburetor Assemblies

REF NO	PART NO	QTY	DESCRIPTION
51	271412		GASKET, Intake -Included in Carburetor Overhaul Kit-Part No. 394502. Included in Gasket Set-Part No. 394501
90A	394338		CARBURETOR -(Remote Choke)
90	397245		CARBURETOR -(Remote Choke)
91A	393297		BODY, Upper Carburetor
91	397241		BODY, Upper Carburetor -Used Before Code Date 85082600
91	399535		BODY, Upper Carburetor -Used After Code Date 85082500
92	394505		BODY, Upper Carburetor
93	231209		BUSHING, Throttle Shaft
94	292681		VALVE, Idle Mixture -Included in Carburetor Overhaul Kit-Part No. 394502
95	93499		SCREW -(Throttle Valve)
96	221939		VALVE, Throttle
97	392672		SHAFT, Throttle
98	91920		SCREW -(8-32 X 5/8)
99	26157		SPRING, Compression
102A	271008		GASKET, Carburetor Body -Included in Carburetor Overhaul Kit-Part No. 394502
102	271607		GASKET, Carburetor Body -Included in Carburetor Overhaul Kit-Part No. 394502
104	230896		PIN, Float Hinge -Included in Carburetor Overhaul Kit-Part No. 394502
105	394681		KIT, Needle/Seat -(Gravity Feed) Included in Carburetor Overhaul Kit-Part No. 394502
107A	394352		BODY, Lower Carburetor
107	397270		BODY, Lower Carburetor -Used Before Code Date 85082600
107	399623		BODY, Lower Carburetor -Used After Code Date 85082500
108	222010		VALVE, Choke -Used Before Code Date 85082600
108	223534		VALVE, Choke -Used After Code Date 85082500
109	392673		SHAFT, Choke
116A	280474		SEAL, O-Ring
116	65978		SEAL, O-Ring -(Needle Valve) Included in Carburetor Overhaul Kit-Part No. 394502
117	231333		JET, Main -(High Altitude)
117	231338		JET, Main
119	94152		SCREW -(Upper To Lower Carburetor Body)
257	93897		SCREW
387	280197		BODY, Fuel Pump
392	261395		SPRING, Pump Diaphragm -Included in Carburetor Overhaul Kit-Part No. 394502 and Pump Repair Kit-Part No. 393397

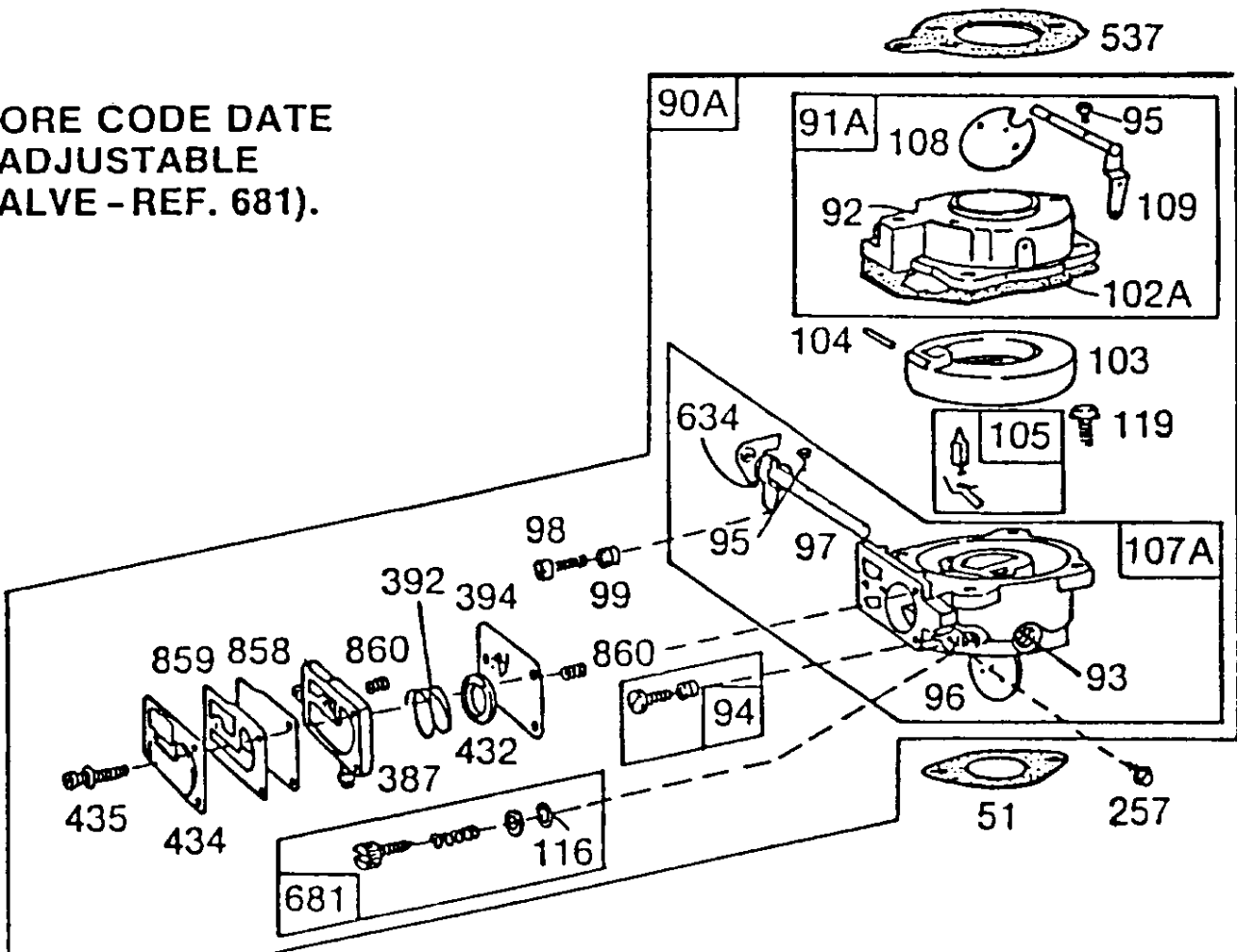
Footnotes:

AssocPart: 0000000291728

USED AFTER CODE DATE
84022300 (FIXED JET REF. 117).



USED BEFORE CODE DATE
84022400 (ADJUSTABLE
NEEDLE VALVE - REF. 681).



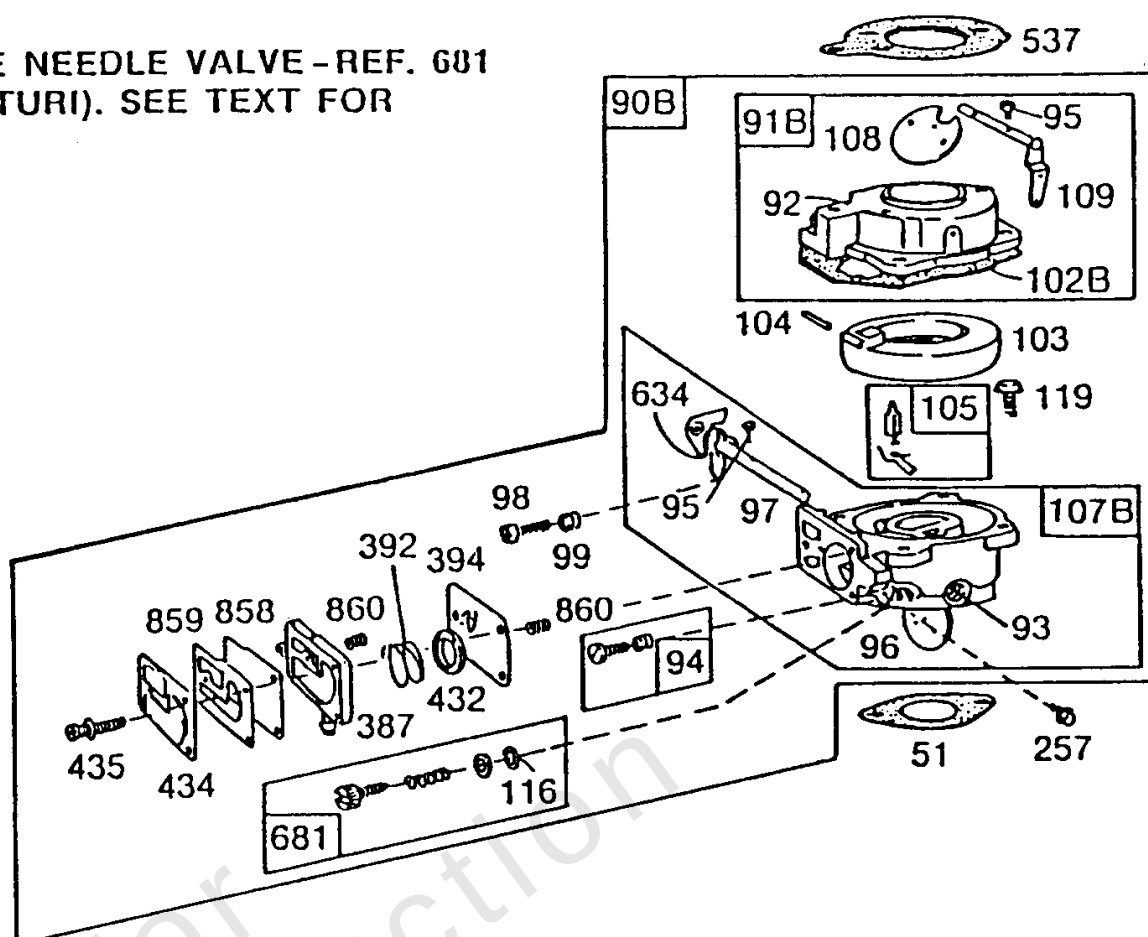
Carburetor Assemblies

REF NO	PART NO	QTY	DESCRIPTION
394	270988		DIAPHRAGM, Carburetor -Included in Carburetor Overhaul Kit-Part No. 394502 and Pump Repair Kit-Part No. 393397
432	221377		CAP, Spring -Included in Carburetor Overhaul Kit-Part No. 394502 and Pump Repair Kit-Part No. 393397
434	222615		COVER, Diaphragm
435	93829		SCREW
537	271411		GASKET, Air Cleaner -Included in Carburetor Overhaul Kit-Part No. 394502. Included in Gasket Set-Part No. 394501
634	271013		WASHER, Sealing -(Foam) Included in Carburetor Overhaul Kit-Part No. 394502
681	394033		VALVE, Idle Mixture -Included in Carburetor Overhaul Kit-Part No. 394502
858	270989		DIAPHRAGM, Carburetor -Included in Carburetor Overhaul Kit-Part No. 394502 and Pump Repair Kit-Part No. 393397
859	271025		GASKET, Carburetor Pump -Included in Carburetor Overhaul Kit-Part No. 394502 and Pump Repair Kit-Part No. 393397
860	261358		SPRING, Valve -Included in Carburetor Overhaul Kit-Part No. 394502 and Pump Repair Kit-Part No. 393397
947	397266		SOLENOID, Fuel
955	397882		PLUG, Carburetor -(Solenoid Hole)

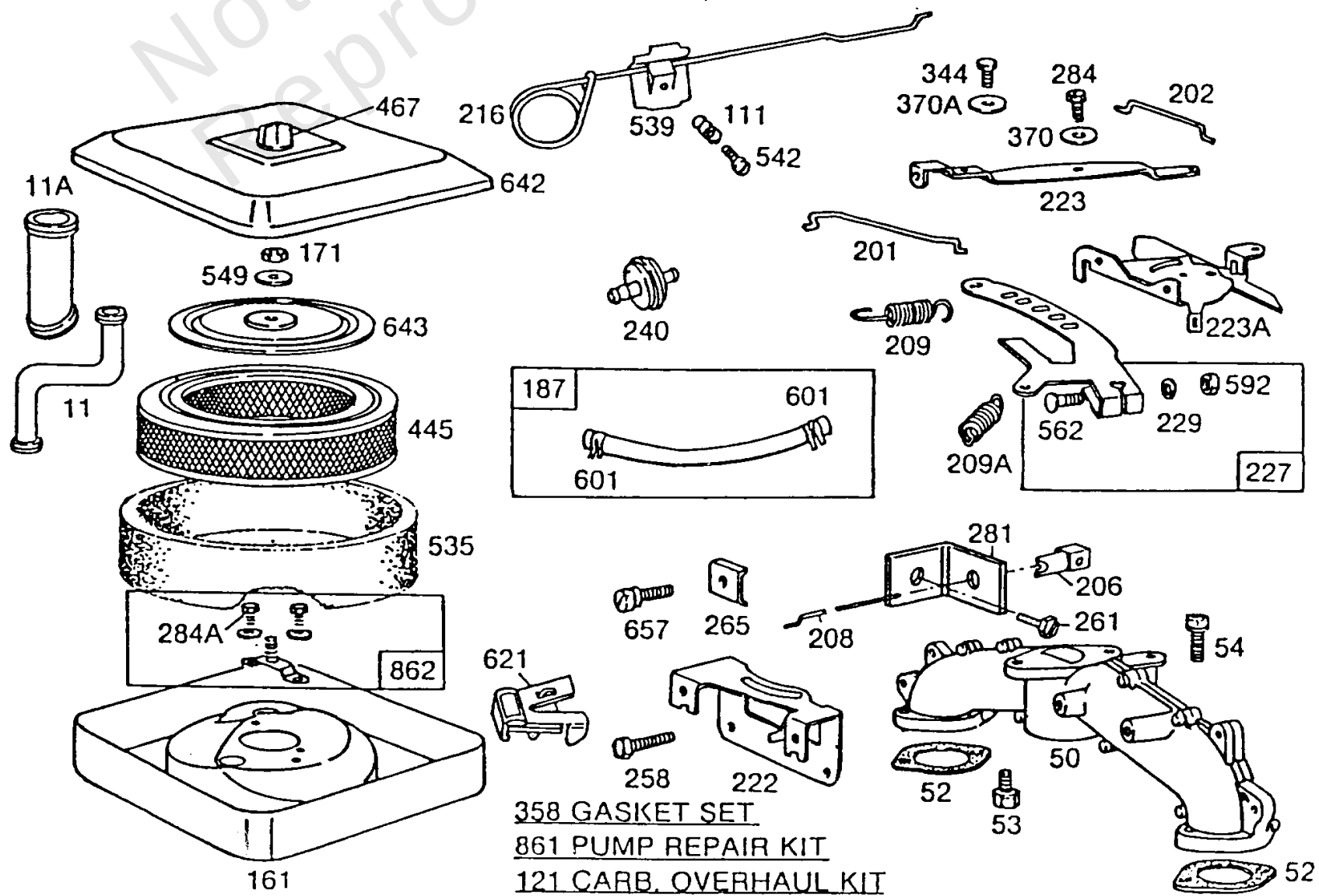
Footnotes:

AssocPart: 0000000291728

ADJUSTABLE NEEDLE VALVE - REF. 601
(SMALL VENTURI). SEE TEXT FOR
TYPE NOS.



THESE PARTS USED WITH ALL CARBURETORS.



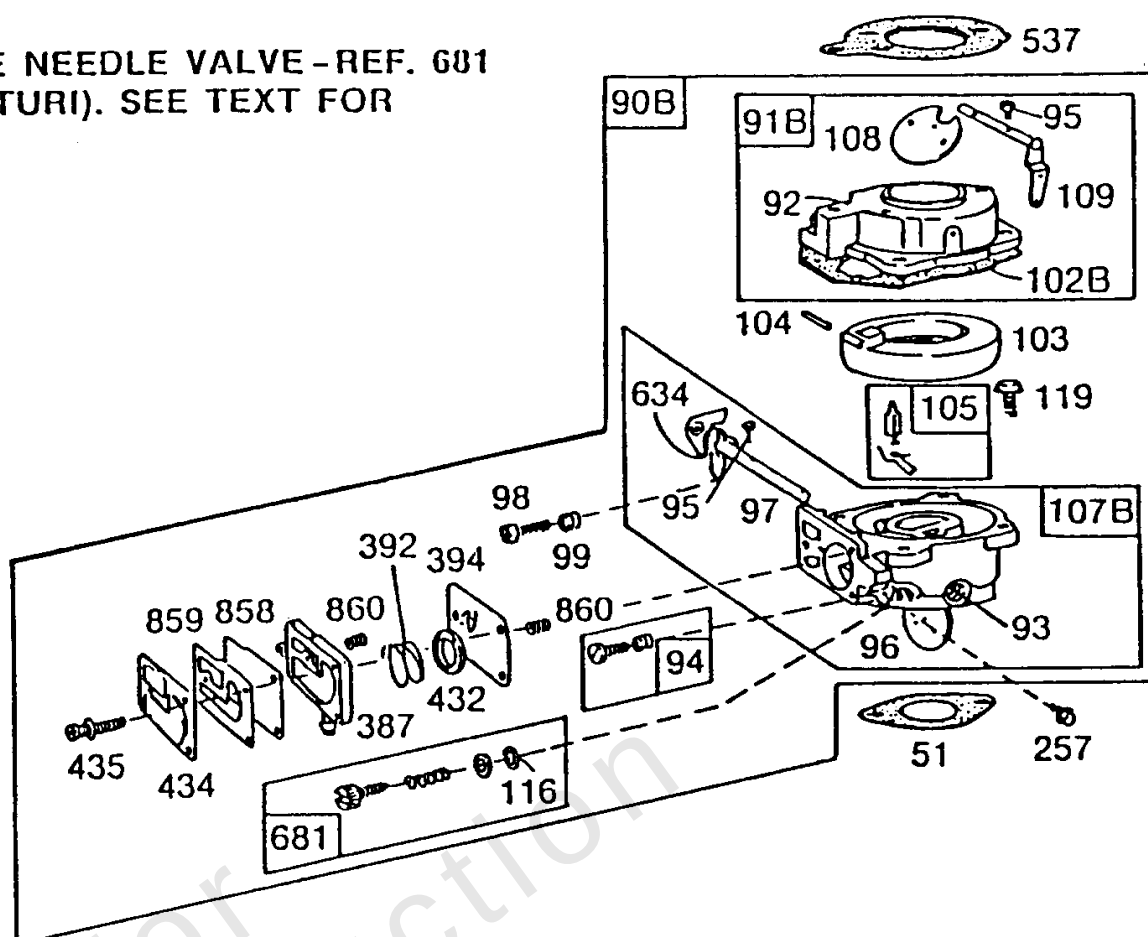
Carburetor Assemblies, A/C

REF NO	PART NO	QTY	DESCRIPTION
11A	280198		MANIFOLD, Intake
11	280185		TUBE, Breather
50	212999		MANIFOLD, Intake -(Cast Iron)
50	393349		MANIFOLD, Intake -(Aluminum)
51	271412		GASKET, Intake -Included in Carburetor Overhaul Kit-Part No. 394502. Included in Gasket Set- Part No. 394501
52	270884		GASKET, Intake -Included in Gasket Set-Part No. 394501
53	93415		SCREW -(1/4-20 X 3/4)
54	93208		SCREW -(Intake Manifold)
92	394505		BODY, Upper Carburetor
93	231209		BUSHING, Throttle Shaft
94	292681		VALVE, Idle Mixture -Included in Carburetor Overhaul Kit-Part No. 394502
95	93499		SCREW -(Throttle Valve)
96	221939		VALVE, Throttle
97	392672		SHAFT, Throttle
98	91920		SCREW -(8-32 X 5/8)
99	26157		SPRING, Compression
102B	271256		GASKET, Carburetor Body -Included in Carburetor Overhaul Kit-Part No. 394502
104	230896		PIN, Float Hinge -Included in Carburetor Overhaul Kit-Part No. 394502
105	394681		KIT, Needle/Seat -(Gravity Feed) Included in Carburetor Overhaul Kit-Part No. 394502
108	222010		VALVE, Choke -Used Before Code Date 85082600
108	223534		VALVE, Choke -Used After Code Date 85082500
109	392673		SHAFT, Choke
111	26155		SPRING, Friction
116	65978		SEAL, O-Ring -(Needle Valve) Included in Carburetor Overhaul Kit-Part No. 394502
119	94152		SCREW -(Upper To Lower Carburetor Body)
121	394502		KIT, Carburetor Overhaul
161	222752		BASE, Air Cleaner
171	93715		NUT -(Starter Terminal)
187	299146		LINE, Fuel -(Cut To Required Length) Cut to Required Length.
201	261444		LINK, Choke
202	261531		LINK, Throttle
206	21772		NUT, Governor Adjusting
208	231225		ROD, Governor Control
209A	261563		SPRING, Governor -(Idle)

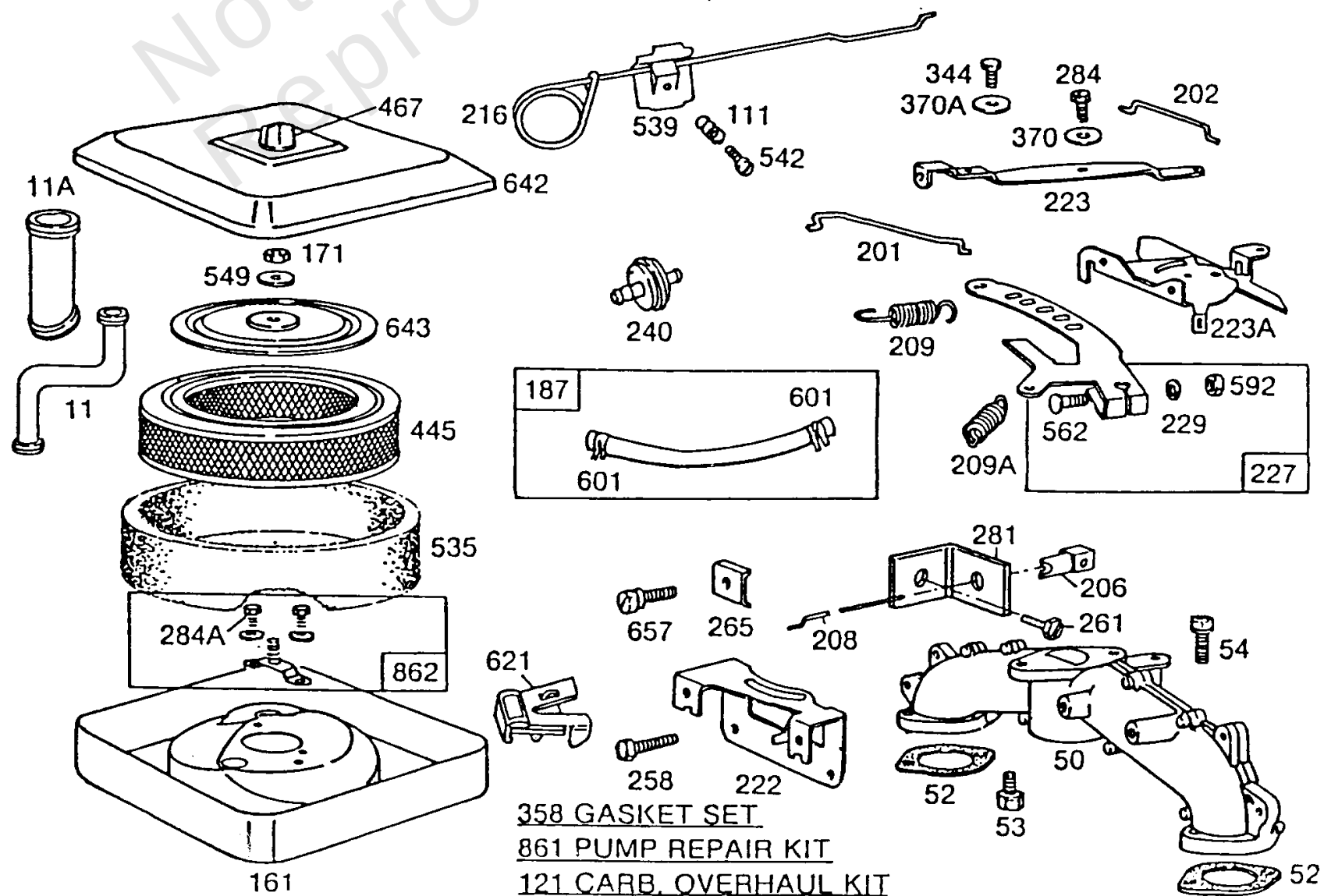
Footnotes:

AssocPart: 0000000291728

ADJUSTABLE NEEDLE VALVE-REF. 601
(SMALL VENTURI). SEE TEXT FOR
TYPE NOS.



THESE PARTS USED WITH ALL CARBURETORS.



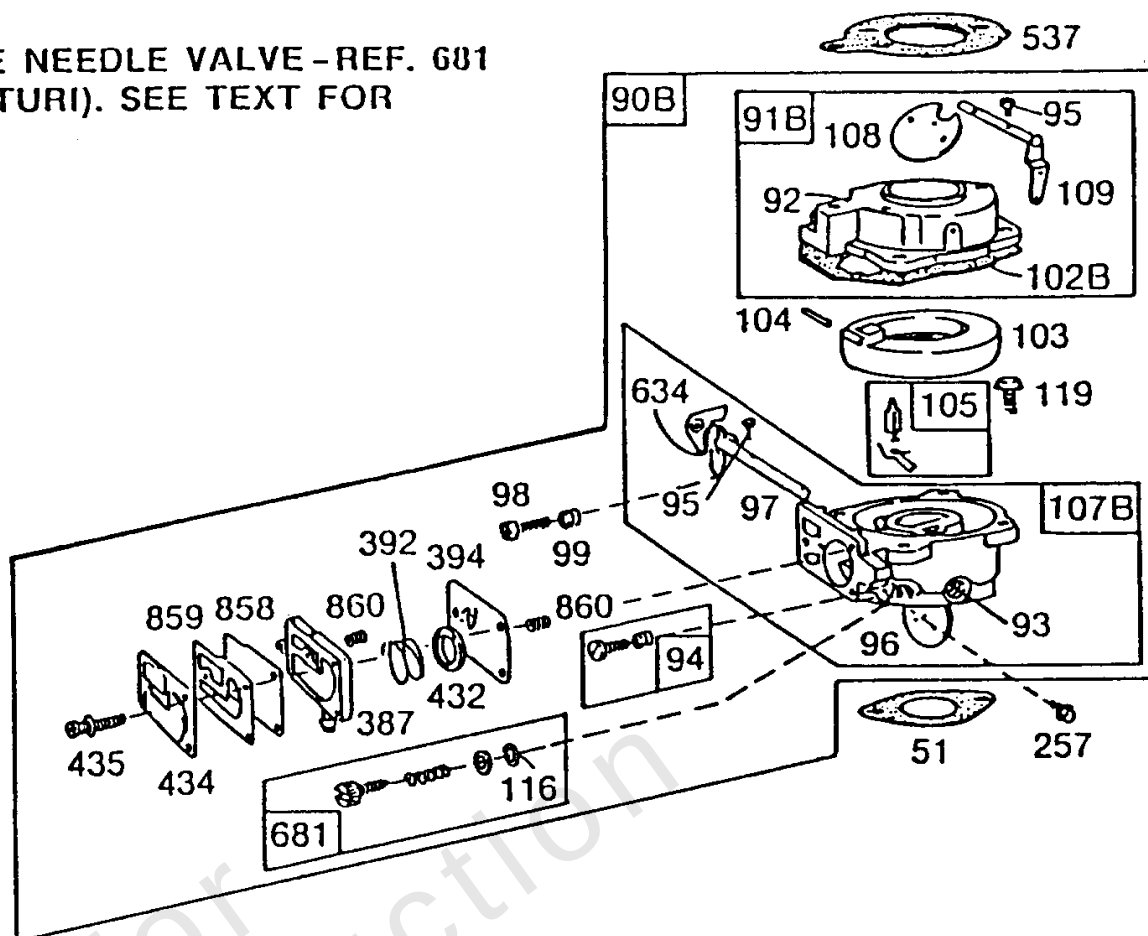
Carburetor Assemblies, A/C

REF NO	PART NO	QTY	DESCRIPTION
209	261720		SPRING, Governor
216	261511		ROD, Choke
222	222807		BRACKET, Control -Used with: 222766 Plate-Governor Control 222911 Bracket-Generator Control
222	222807		BRACKET, Control
223A	394324		BRACKET, Governor Control
223	222828		LEVER, Speed Adjuster
227	393846		LEVER, Governor Control
229	222289		WASHER
240	394358		FILTER, Fuel -(Fuel Pump)
257	93897		SCREW
258	93163		SCREW
258	93868		SCREW -(Aluminum Manifold)
261	94152		SCREW -(Upper To Lower Carburetor Body)
265	221535		CLAMP, Casing -(Stamped Steel)
281	223247		BRACKET, Rod
284A	93893		SCREW
284	93828		SCREW
344	93042		SCREW
358	394501		GASKET SET, Engine
370A	66432		WASHER
370	231172		BUSHING, Lever
387	280197		BODY, Fuel Pump
392	261395		SPRING, Pump Diaphragm -Included in Carburetor Overhaul Kit-Part No. 394502 and Pump Repair Kit-Part No. 393397
394	270988		DIAPHRAGM, Carburetor -Included in Carburetor Overhaul Kit-Part No. 394502 and Pump Repair Kit-Part No. 393397
432	221377		CAP, Spring -Included in Carburetor Overhaul Kit-Part No. 394502 and Pump Repair Kit-Part No. 393397
434	222615		COVER, Diaphragm
435	93829		SCREW
445	394018		FILTER, A/C Cartridge
467	212292		KNOB, Air Cleaner Cover
535	271271		FILTER, A/C Cartridge
537	271411		GASKET, Air Cleaner -Included in Carburetor Overhaul Kit-Part No. 394502. Included in Gasket Set-Part No. 394501
539	221372		CLIP, Control Rod
542	90746		SCREW -(10-32 X 5/8)
549	271180		WASHER
562	93853		BOLT -(Governor Lever)
592	92278		NUT -(Starting Switch)
601	93053		CLAMP, Hose -(Green)

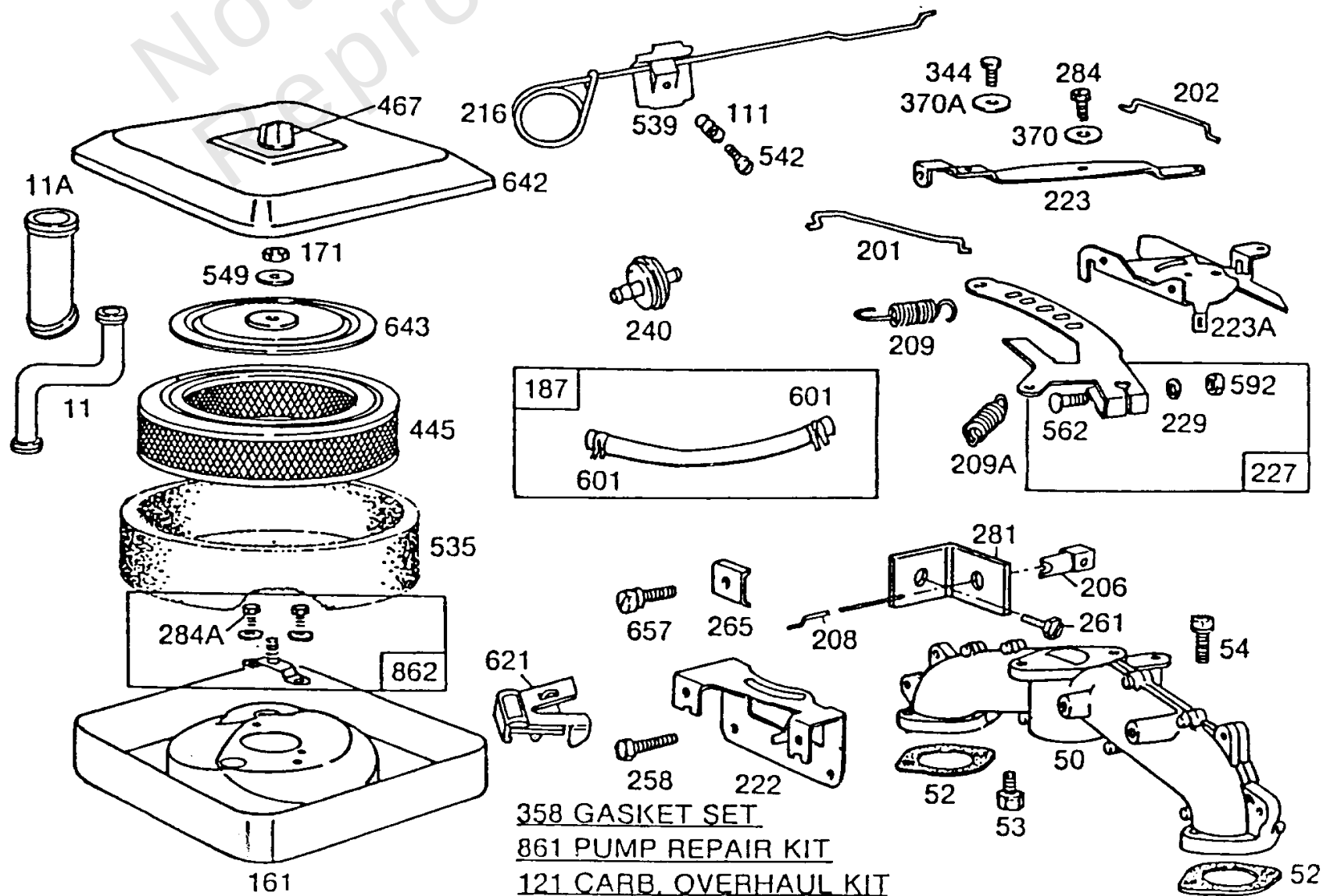
Footnotes:

AssocPart: 0000000291728

ADJUSTABLE NEEDLE VALVE - REF. 601
(SMALL VENTURI). SEE TEXT FOR
TYPE NOS.



THESE PARTS USED WITH ALL CARBURETORS.



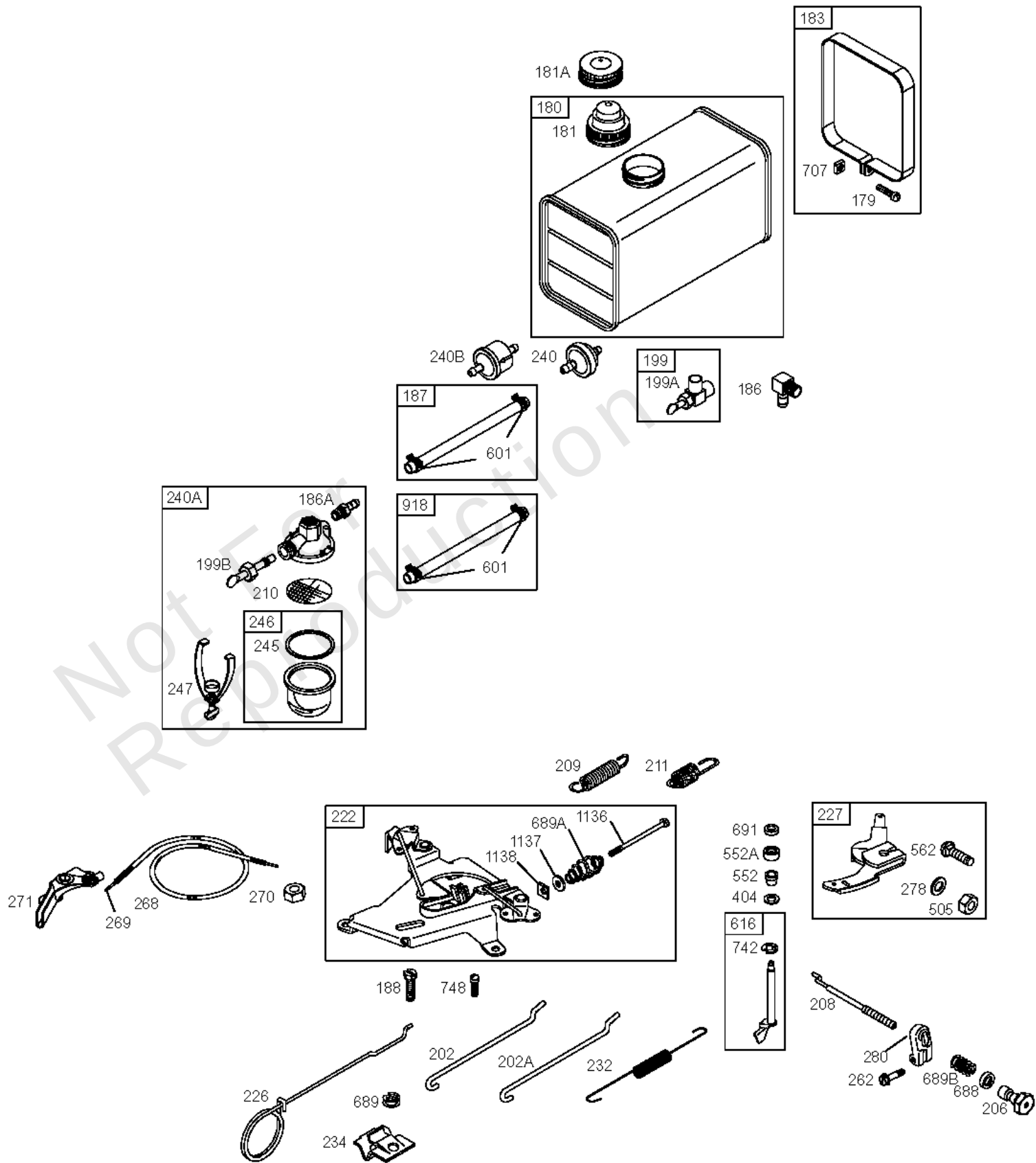
Carburetor Assemblies, A/C

REF NO	PART NO	QTY	DESCRIPTION
621	297472		SWITCH, Stop -Used Before Code Date 85032800
621	396847		SWITCH, Stop -Used After Code Date 85032700
634	271013		WASHER, Sealing -(Foam) Included in Carburetor Overhaul Kit-Part No. 394502
642	223001		COVER, Air Cleaner
643	222835		RETAINER, Air Filter
657	93496		SCREW -(10-32 X 5/8)
681	394033		VALVE, Idle Mixture -Included in Carburetor Overhaul Kit-Part No. 394502
858	270989		DIAPHRAGM, Carburetor -Included in Carburetor Overhaul Kit-Part No. 394502 and Pump Repair Kit-Part No. 393397
859	271025		GASKET, Carburetor Pump -Included in Carburetor Overhaul Kit-Part No. 394502 and Pump Repair Kit-Part No. 393397
860	261358		SPRING, Valve -Included in Carburetor Overhaul Kit-Part No. 394502 and Pump Repair Kit-Part No. 393397
861	393397		KIT, Fuel Pump -(Used On 3 Screw Fuel Pump Mount Carburetors)
862	392643		STRAP/STUD, Air Cleaner Mounting

Footnotes:

AssocPart: 0000000291728

422400

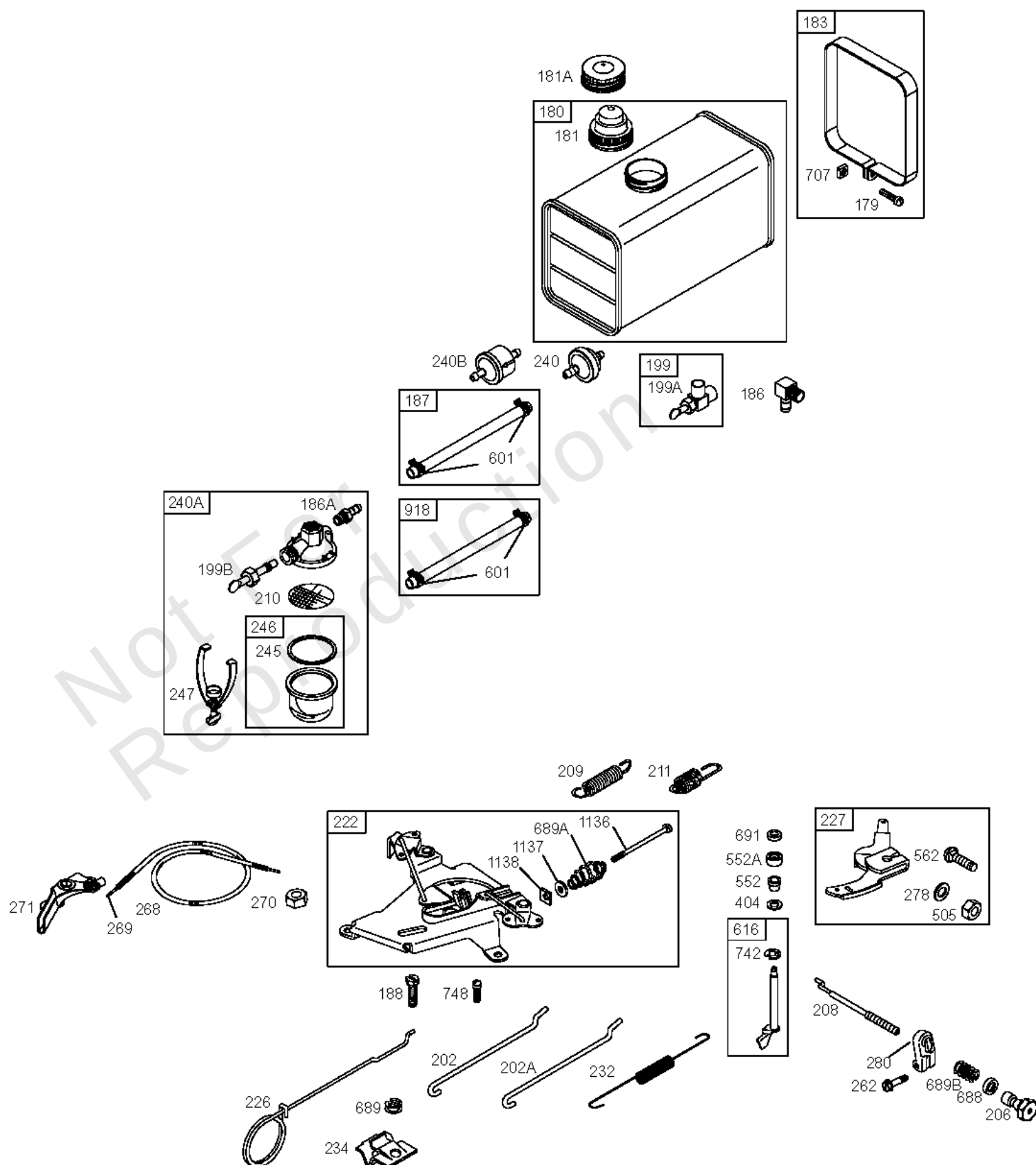


Illustrations cover a range of engines. Parts shown without corresponding text may not be used on your specific engine.
9492-9 Assemblies include all parts shown in frames. 5C-7/2002

Controls, Fuel Tank

REF NO	PART NO	QTY	DESCRIPTION
179	690280		SCREW -(Fuel Tank Strap)
180	291488		TANK, Fuel -(Metal) (6 Quart)
180	292415		TANK, Fuel -(Metal) (8 Quart)
181A	297866S		CAP, Fuel Tank -(Metal)
186	691609		CONNECTOR, Hose
186A	691764		CONNECTOR-HOSE -(Pulse Line)
187	691050		LINE, Fuel -(Cut To Required Length)
188	691003		SCREW -(Control Bracket)
199	692302		VALVE, Fuel Shut Off -(Metal)
199A	691940		VALVE, Fuel Shut Off -(Metal)
199B	690612		FILTER, Fuel -(Metal)
202	693543		LINK, Mechanical Governor -(Used On 4 Screw Fuel Pump Mount Carburetors)
202A	690554		LINK, Mechanical Governor -(Used On 3 Screw Fuel Pump Mount Carburetors)
206	691244		NUT, Governor Adjusting
208	690566		ROD, Governor Control
209	690558		SPRING, Governor -(Brown)
210	691962		STRAINER, Fuel
211	691807		SPRING, Governed Idle
222	691366		BRACKET, Control
226	690544		ROD, Choke
227	690763		LEVER-GOV CONTROL
232	690556		SPRING/LINK, Governor
234	691723		CLIP, Control Rod
240	394358S		FILTER, Fuel -(White, 75 Microns)
240A	690612		FILTER, Fuel -(Glass Bowl)
240B	84001895		FILTER, Fuel -(Includes Paper Element With A 40 Micron Rating)
245	692190		GASKET, Fuel Bowl
246	298683		BOWL, Fuel Filter
247	691700		YOKE, Bowl
262	690316		SCREW -(Rod Bracket)
268	691025		CASING, Control Wire -(Cut To Required Length)
269	691026		WIRE, Control -(Cut To Required Length)
270	691027		NUT -(Control Wire Casing)
271	691028		LEVER, Control
278	692810		WASHER -(Governor Lever)
280	690441		BRACKET, Rod

422400



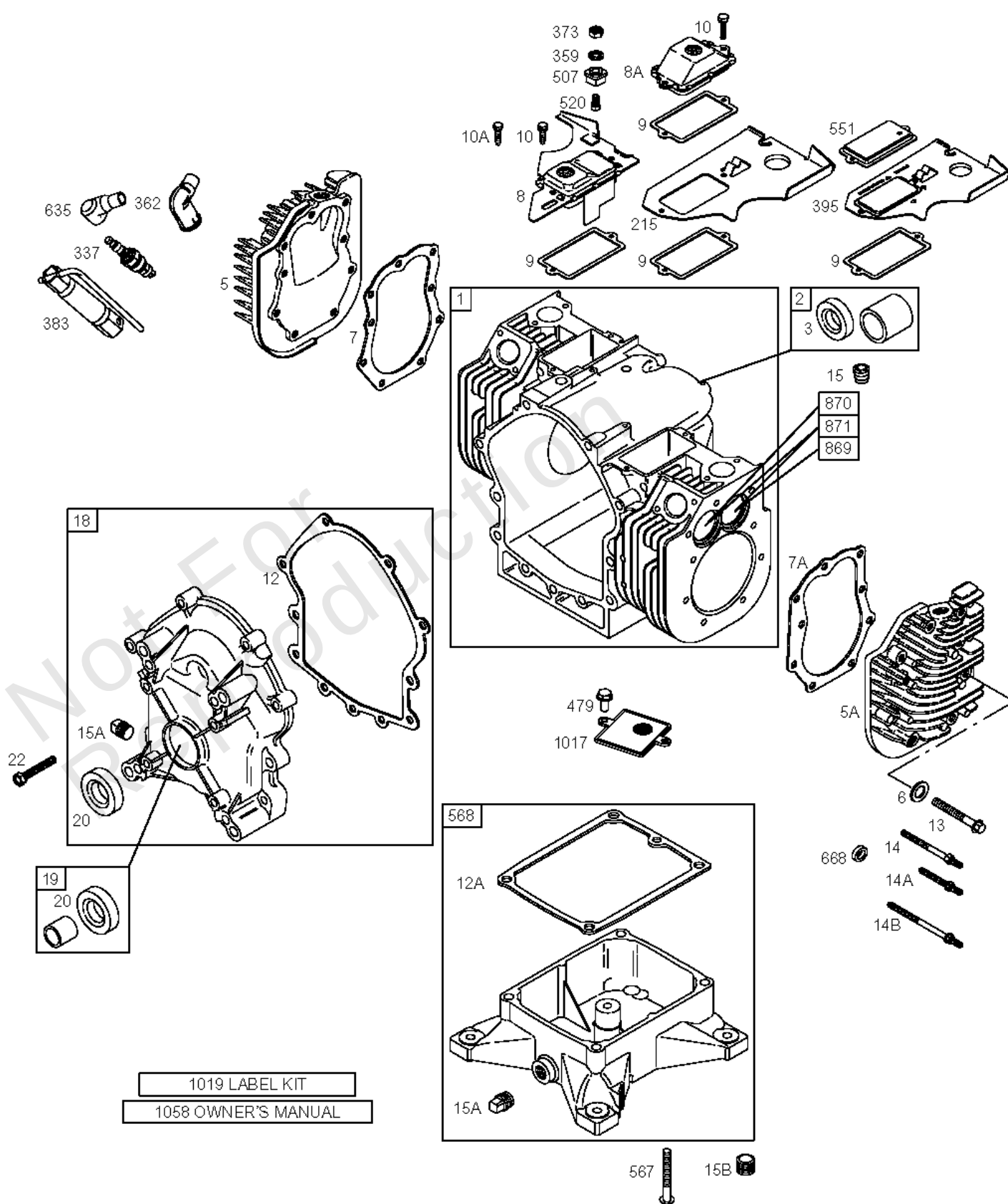
Illustrations cover a range of engines. Parts shown without corresponding text may not be used on your specific engine.

9492-9 Assemblies include all parts shown in frames. 5C-7/2002

Controls, Fuel Tank

REF NO	PART NO	QTY	DESCRIPTION
404	690442		WASHER -(Governor Crank)
505	691029		NUT -(Governor Control Lever)
552	690553		BUSHING, Governor Crank
552A	690552		BUSHING-GOV CRANK
562	690311		BOLT -(Governor Control Lever)
601	95162S		CLAMP, Hose
616	491530		CRANK, Governor
688	690446		CAP, Friction
689	691590		SPRING, Friction
689A	690555		SPRING, Friction
689B	691272		SPRING, Friction
691	690657		SEAL, Governor Shaft
707	690279		NUT -(Fuel Tank Strap)
742	690328		RETAINER, E Ring -(Governor Crank)
748	690278		SCREW -(Control Rod Clip)
918	393815		HOSE, Vacuum -(Cylinder To Impulse Pump)(Cut To Required Length)
1136	690329		SCREW -(Control Bracket) (High Speed Control)
1137	690390		WASHER -(Control Bracket) (High Speed Control)
1138	690330		NUT -(Control Bracket) (High Speed Control)

422400

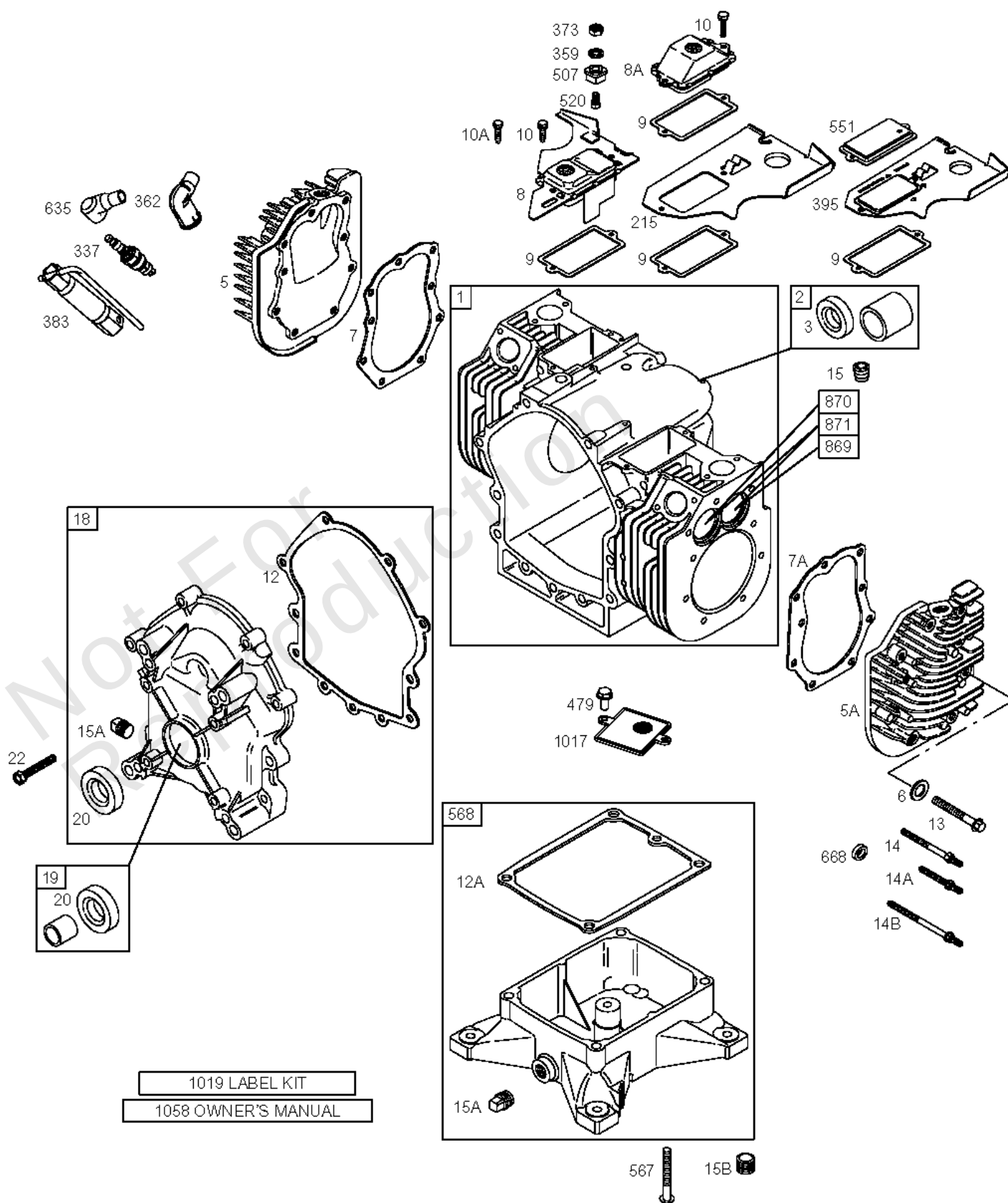


Illustrations cover a range of engines. Parts shown without corresponding text may not be used on your specific engine.

Crankcase Cover/Sump, Cylinder/Head

REF NO	PART NO	QTY	DESCRIPTION
1	497075		CYLINDER ASSEMBLY
2	495359		KIT, Bushing/Seal -(Magneto Side) -Used Before Code Date 89073100
2	399265		KIT, Bushing/Seal -(Magneto Side) -Used After Code Date 89073000
3	391086S		SEAL, Oil -(Magneto Side)
5	493457		HEAD, Cylinder -(Cylinder 1)
5A	493458		HEAD, Cylinder -(Cylinder 2)
6	691261		WASHER -(Cylinder Head)
7	271867S		GASKET, Cylinder Head -(Cylinder 1)
7A	271868S		GASKET, Cylinder Head -(Cylinder 2)
8	495755		BREATHER ASSEMBLY
8A	495756		BREATHER ASSEMBLY -(Cylinder 2) -Used Before Code Date 91081900
9	27803S		GASKET, Breather
10	690366		SCREW -(Breather Assembly) -Used After Code Date 93091200
10A	690334		SCREW -(Breather Assembly) -Used Before Code Date 93091300
12	272127		GASKET, Crankcase -(.005)
12	272128		GASKET, Crankcase -(.009)
12	691877		GASKET, Crankcase -(.015)(Standard)
12A	692287		GASKET, Crankcase
13	691651		SCREW -(Cylinder Head)
14	93772		STUD -(Cylinder Head) (1 5/16)
14B	691690		STUD -(Cylinder Head) (2 7/16)
15	690343		PLUG, Oil Drain -(1/4 Hex Flush)
15A	690946		PLUG, Oil Drain -(3/8" Standard)
15B	691682		PLUG-OIL DRAIN -(1/4 Hex Flush)
18	394309		COVER, Crankcase -(Includes Ball Bearing)
19	491718		KIT, Bushing/Seal -(PTO Side) -Used Before Code Date 87091400
19	492410		KIT, Bushing/Seal -(PTO Side) -Used After Code Date 87091300
20	291675S		SEAL, Oil -(PTO Side)
22	691088		SCREW -(Crankcase Cover/Sump)

422400



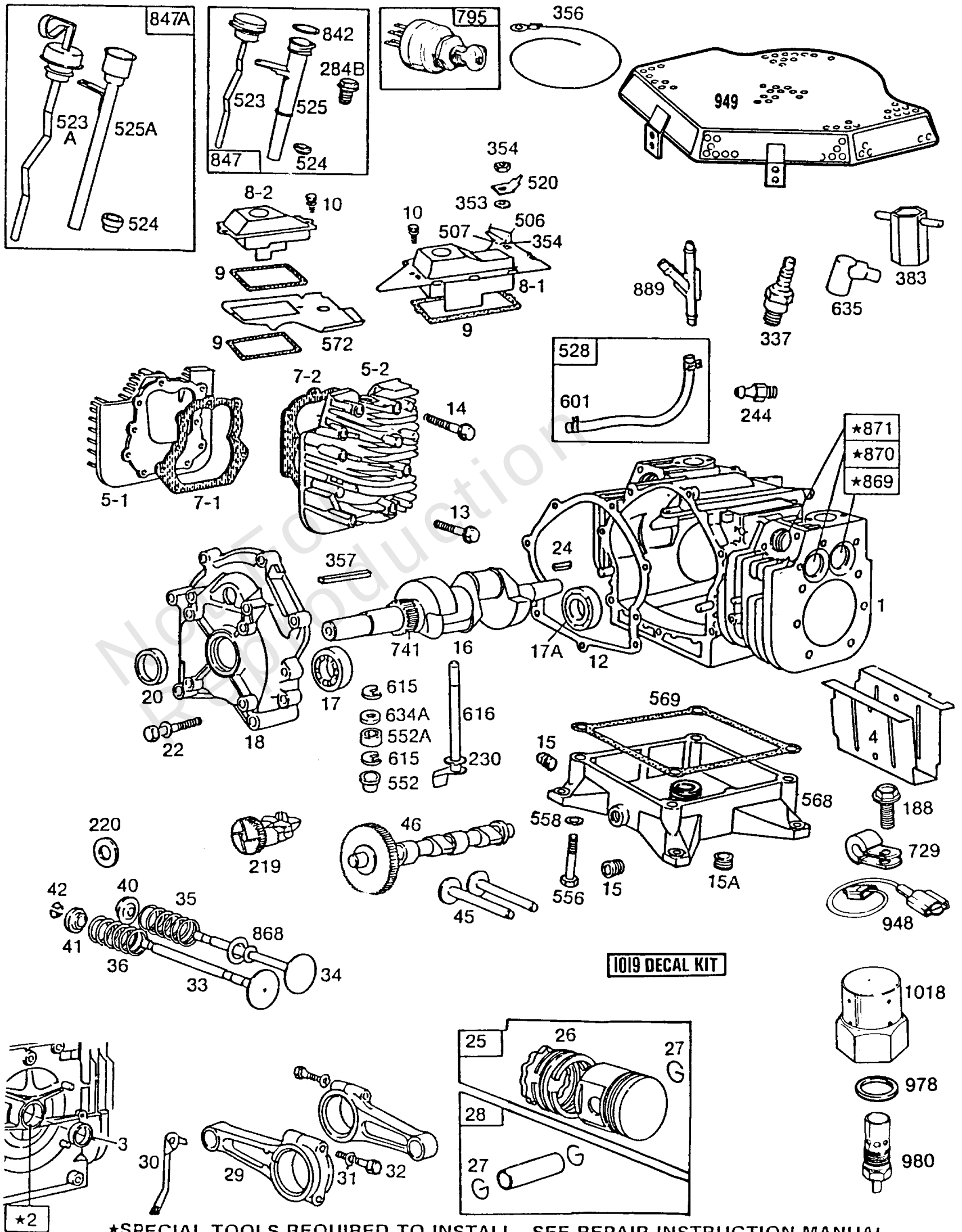
Illustrations cover a range of engines. Parts shown without corresponding text may not be used on your specific engine.

9492-2 Assemblies include all parts shown in frames. 5C-7/2002

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Crankcase Cover/Sump, Cylinder/Head

REF NO	PART NO	QTY	DESCRIPTION
337	802592S		PLUG, Spark -(Resistor)
359	691077		WASHER -(Ground Terminal)
373	691612		NUT -(Ground Terminal)
383	89838S		WRENCH, Spark Plug
395	690481		COVER, Valve Chamber
479	691003		SCREW -(Oil Pump Screen)
507	280180		INSULATOR
520	231174		TERMINAL, Ground
551	690415		COVER, Breather Passage
567	690359		SCREW -(Engine Base)
568	490918		SUMP, Engine -(Splash Lube)
568	491717		SUMP, Engine -(Pressure Lube)
635	66538S		BOOT, Spark PLug
870	691844		SEAT-VALVE -(Exhaust)
871	231218		BUSHING, Valve Guide -(Intake)
871	261961		BUSHING, Valve Guide -(Exhaust)
1017	690761		SCREEN, Oil Pump
1019	695442		KIT, Label
1058	274795		MANUAL, Operator's



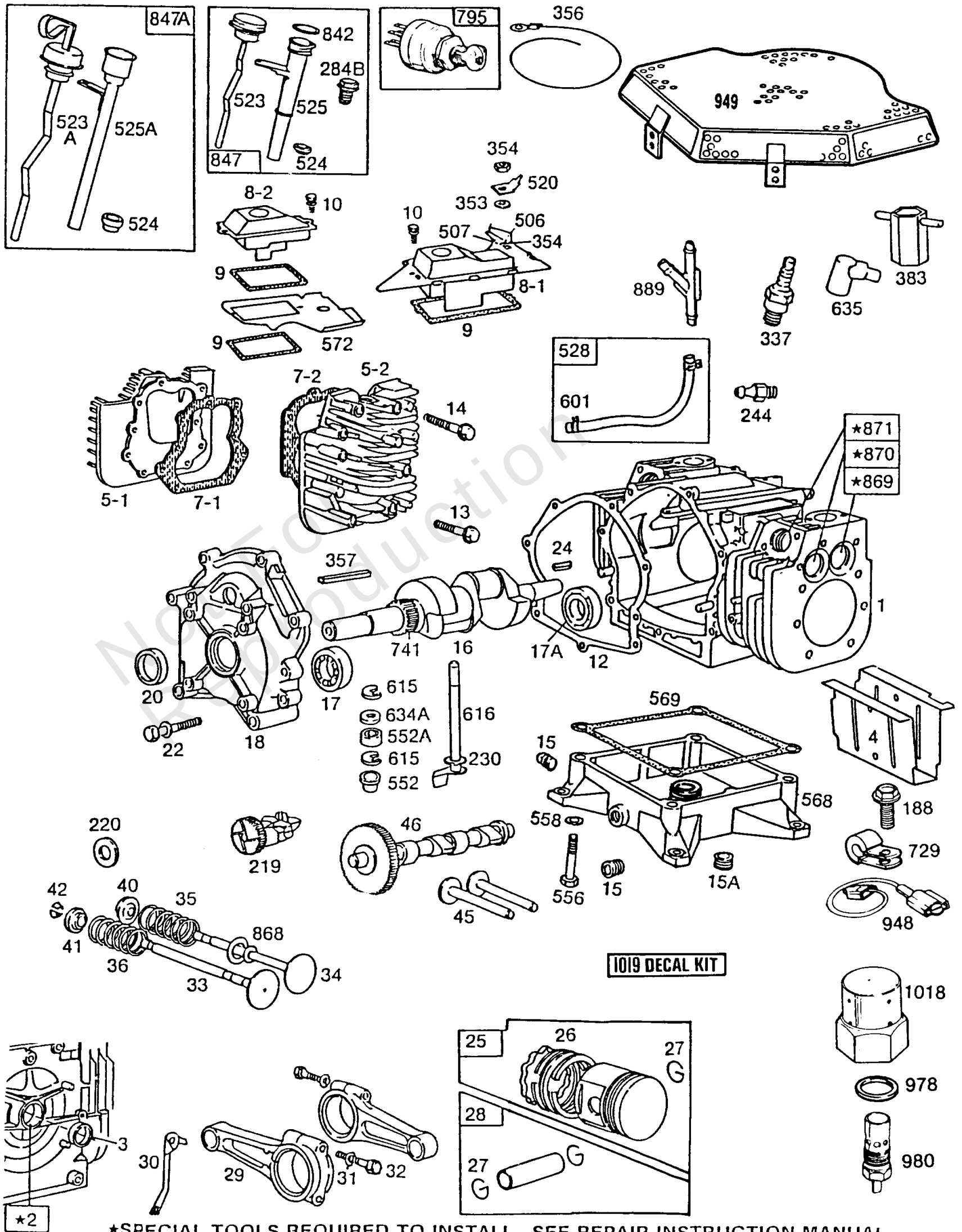
*SPECIAL TOOLS REQUIRED TO INSTALL - SEE REPAIR INSTRUCTION MANUAL

Cylinder, Cylinder Heads, Sump

REF NO	PART NO	QTY	DESCRIPTION
1	394687		CYLINDER ASSEMBLY
1	394900		CYLINDER ASSEMBLY
2	261623		KIT, Bushing/Seal
3	391086		SEAL, Oil -(Magneto Side)
5-2	212462		HEAD, Cylinder -(Cylinder 2)
5-1	212461		HEAD, Cylinder -(Cylinder 1)
7-2	270983		GASKET, Cylinder Head -(Cylinder 2) Included in Gasket Set-Part No. 394501
7-1	270984		GASKET, Cylinder Head -(Cylinder 1) Included in Gasket Set-Part No. 394501
8-2	393153		BREATHER ASSEMBLY -(Cylinder 2)
8-1	393243		BREATHER ASSEMBLY -(#1)
9	27803		GASKET, Rocker Cover -Included in Gasket Set-Part No. 394501
10	93394		SCREW
12	270982		GASKET, Crankcase -(1/64) Included in Gasket Set-Part No. 394501
12	271145		GASKET, Crankcase -(.005) Included in Gasket Set-Part No. 394501
12	271146		GASKET, Crankcase -(.009) Included in Gasket Set-Part No. 394501
13	93111		SCREW -(15/16)
13	93772		STUD -(15/16)
14	93113		SCREW -(2 5/16) (2-5/16)
14	93583		STUD -(Cylinder Head)
15A	93448		PLUG, Oil Drain -(Flush) (1/4-18 NPTF) (Flush) (1/4 18 NPTF)
15	91084		PLUG, Oil Drain -(3/8)
17A	393980		BEARING, Ball -(Magneto Side)
17	393741		BEARING, Ball -(PTO Side)
24	222698		KEY, Flywheel
24	61760		KEY, Flywheel -(Breaker Ignition)
25	394955		PISTON ASSEMBLY -(Standard)
25	394956		PISTON ASSEMBLY -(.010 Oversize)
25	394957		PISTON ASSEMBLY -(.020 Oversize)
25	394958		PISTON ASSEMBLY -(.030 Oversize)
26	394959		SET, Ring -(Standard)
26	394960		SET, Ring -(.010 Oversize)

Footnotes:

AssocPart: 0000000291728

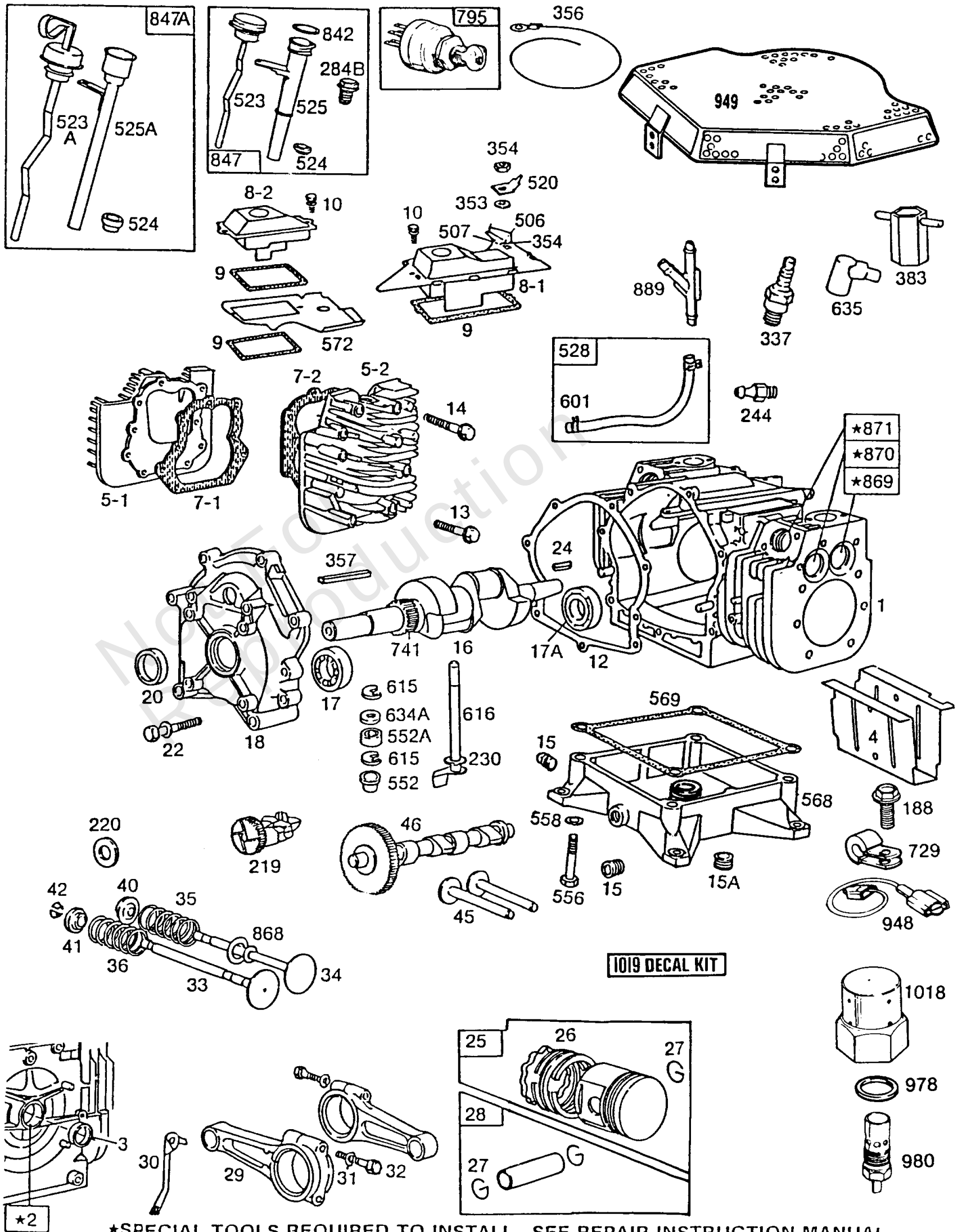


Cylinder, Cylinder Heads, Sump

REF NO	PART NO	QTY	DESCRIPTION
26	394961		SET, Ring -(.020 Oversize)
26	394962		SET, Ring -(.030 Oversize)
27	260924		LOCK, Piston Pin
28	299691		PIN, Piston -(Standard)
28	391286		PIN, Piston -(.005 Oversize)
29	394306		ROD, Connecting -For Connecting Rod with .020 Crankpin Bore-Order No. 397158
30	223053		DIPPER, Connecting Rod
31	220863		WASHER -(1/4 X 5/8 X 1/32) (1/4 X 5/8 X 1/32)
32	92909		SCREW
34	261528		VALVE, Intake -Uses: 393606 Seal Assy. and Retainer (Ref. No. 868)
35	65906		SPRING, Valve -(Intake)
36	26828		SPRING, Valve -(Exhaust)
40	221596		RETAINER, Valve -(Valves With Groove In Stem)
41	292260		RETAINER, Valve -(Exhaust Valve) (Exhaust)
42	93630		KEEPER, Valve -(2)
46	212337		CAMSHAFT -(Used with Electronic Ignition)
46	212415		CAMSHAFT -(Used only with Cyl. Hds. 212461 & 212462)
188	93868		SCREW -(Aluminum Manifold)
219	394348		GEAR, Governor
220	222773		WASHER, Thrust
230	220863		WASHER -(1/4 X 5/8 X 1/32) (1/4 X 5/8 X 1/32)
244	230318		CONNECTOR, Hose
284B	93886		SCREW
337	394539		PLUG, Spark -(Resistor)
353	92791		WASHER
354	90576		NUT -(Ground Terminal)
356	391115		WIRE, Stop
356	393035		WIRE, Stop
357	91540		KEY, Drive Pulley -(1/4)
383	89838		WRENCH, Spark Plug
506	231174		TERMINAL, Ground
507	280180		INSULATOR
520	93722		TERMINAL, Ground
523A	394014		DIPSTICK
523	398924		CAP, Oil Fill

Footnotes:

AssocPart: 0000000291728



*SPECIAL TOOLS REQUIRED TO INSTALL - SEE REPAIR INSTRUCTION MANUAL

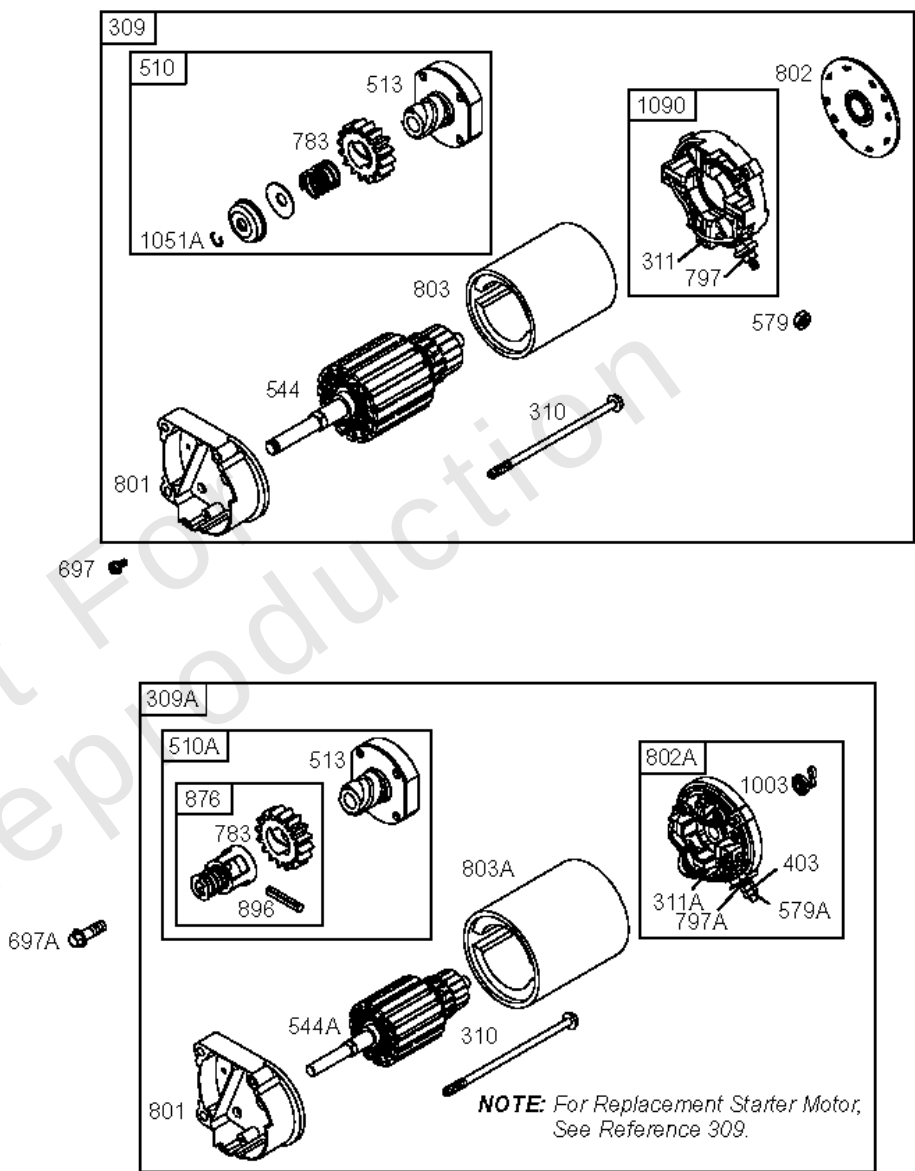
Cylinder,Cylinder Heads,Sump

REF NO	PART NO	QTY	DESCRIPTION
524	68838		SEAL, O-Ring -(Dipstick Tube)
525A	392782		TUBE, Dipstick
525	280220		TUBE, Dipstick
528	296004		LINE, Fuel -(Cut To Required Length) Cut to Required Length.
528	393815		HOSE, Vacuum -(Cylinder To Impulse Pump)(Cut To Required Length)
552A	261560		BUSHING, Governor Crank -(Upper)
552	261559		BUSHING, Governor Crank -(Lower)
556	93783		SCREW
558	92268		WASHER -(3/8 X 1/8 X 3/32)
568	394391		SUMP, Engine
569	270981		GASKET, Crankcase -Included in Gasket Set-Part No. 394501
572	222700		GUIDE, Air -(Cylinder 2)
601	93053		CLAMP, Hose -(Green)
615	93851		RETAINER, E Ring
616	394396		CRANK, Governor
634A	271316		SEAL, Governor Shaft -(Foam)
635	66538		BOOT, Spark Plug
729	94292		CLIP, Wire
741	261363		GEAR, Timing -(Pin)
741	262221		GEAR, Timing -(Key)
795	490066		SWITCH, Key
842	271170		SEAL, O-Ring -(Dipstick Tube)
847A	394023		DIPSTICK/TUBE ASSEMBLY
847	398990		DIPSTICK/TUBE ASSEMBLY
868	393606		SEAL, Valve
869	261463		SEAT, Valve -(Intake)
870	210940		SEAT, Valve -(Exhaust) (Standard)
871	231218		BUSHING, Valve Guide -(Intake)
871	261961		BUSHING, Valve Guide -(Exhaust)
948	490574		WIRE ASSEMBLY
949	393330		GUARD, Debris Screen
978	271984		WASHER, Sealing
980	490916		SENSOR, Oil
1018	231540		CAP, Oil Sensor
1019	491262		KIT, Label

Footnotes:

AssocPart: 0000000291728

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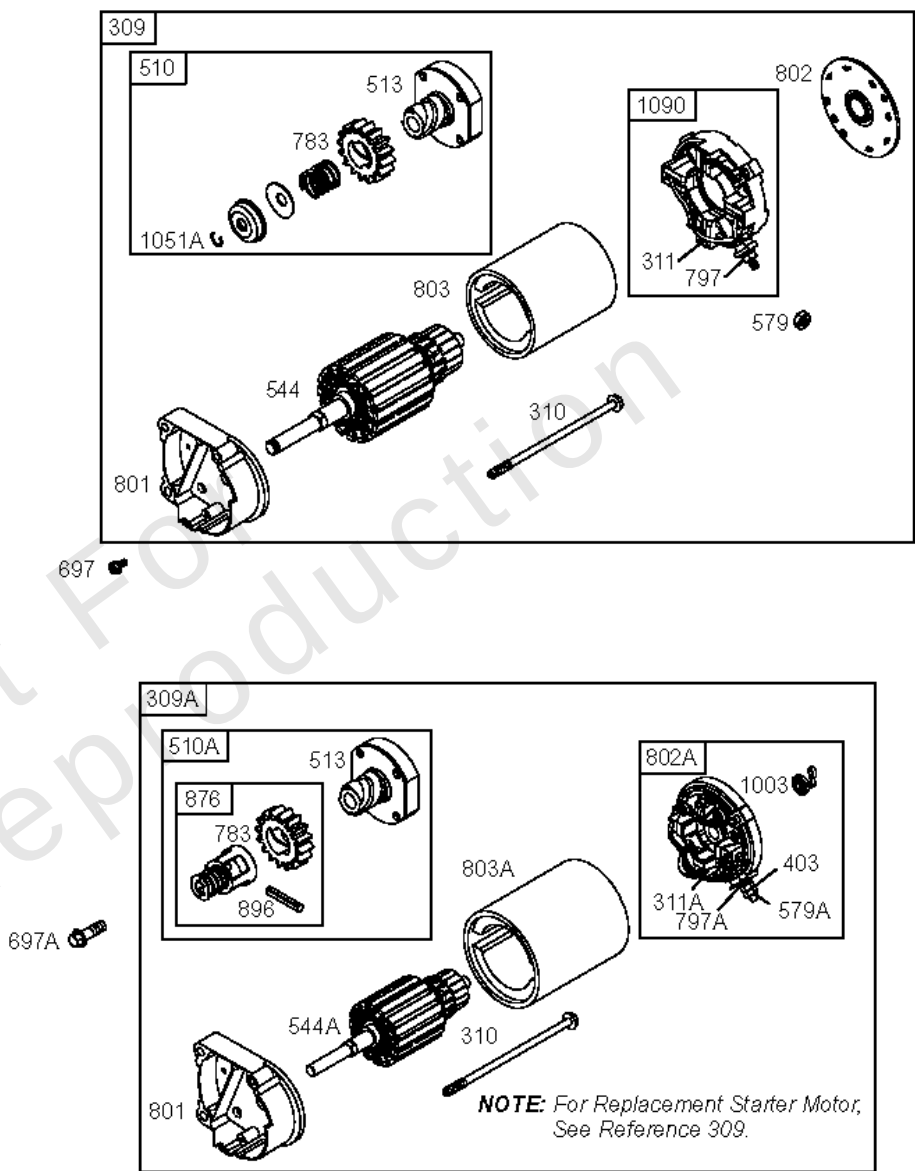


Illustrations cover a range of engines. Parts shown without corresponding text may not be used on your specific engine.
9492-13 Assemblies include all parts shown in frames. 5C-7/2002

Electric Starter

REF NO	PART NO	QTY	DESCRIPTION
309	497596		MOTOR, Starter -(3 5/8 Housing)
309	498148		MOTOR, Starter -(4 3/8 Housing)
309A	-----		MOTOR, Starter -(Replacement Starter Motor, Order Reference 309)
310	690323		SCREW -(Starter Motor) (3 5/8" Housing Length)
310	691263		BOLT -(Starter Motor) (4 3/8 Housing)
310	692329		BOLT -(Starter Motor) (4 1/2 And 4 3/8 Housing)
311	497608		SET, Brush
311A	490311		SET, Brush -(4 1/2 Housing)
311A	395538		SET, Brush -(3 5/8 Housing)
403	690288		WASHER -(End Cap)
510	497606		DRIVE, Starter
510A	495878		DRIVE, Starter -(4 3/8 Housing)
513	692024		CLUTCH, Drive
544	692034		ARMATURE, Starter -(3 5/8 Housing)
544A	490309		ARMATURE, Starter -(4 1/2 And 4 3/8 Housing)
544A	390837		ARMATURE, Starter -(3 5/8 Housing)
579	690958		NUT -(Starter Cable)
579A	691626		NUT -(Starter Cable)
697	690372		SCREW -(Drive Cap)
697A	691625		SCREW -(Drive Cap)
783	693059		GEAR, Pinion -(Aluminum Ring Gear Only)
797	693167		NUT -(Brush Retainer)
797A	690958		NUT -(Brush Retainer)
801	691967		CAP, Drive
802	691286		CAP, End
802A	395537		CAP, End -(3 5/8 Housing)
802A	498233		KIT, Housing/Cap -(4 1/2 Housing)
802A	494988		CAP, End -(4 3/8 Housing)
803	693757		HOUSING, Starter -(3 5/8 Housing)
803A	398159		HOUSING, Starter -(3 5/8 Housing)
803A	494205		HOUSING, Starter -(4 3/8 Housing)
803A	398892		HOUSING, Starter -(4 1/2 Housing)

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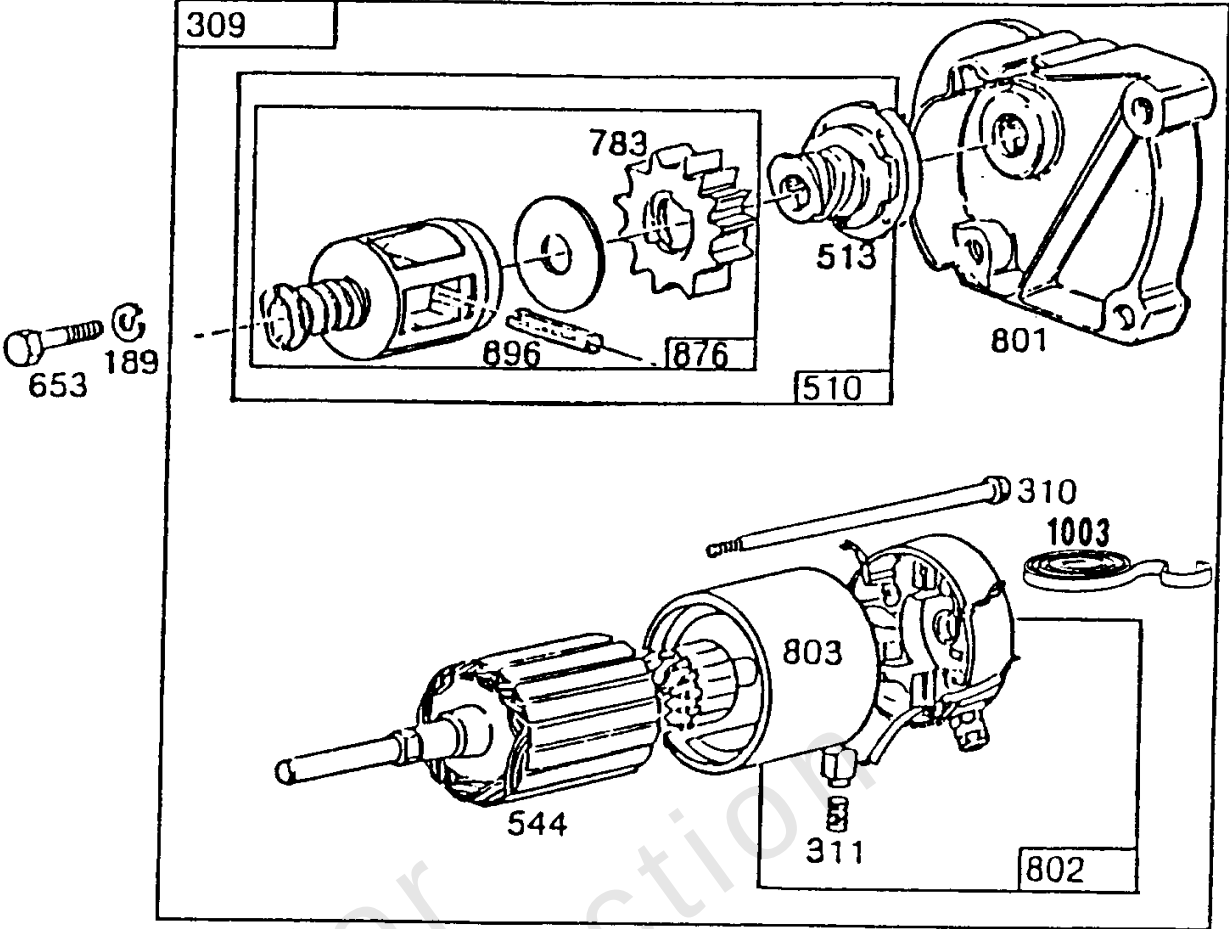


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Electric Starter

REF NO	PART NO	QTY	DESCRIPTION
876	495877		DRIVE, Starter -(4 3/8 Housing)
896	691641		PIN, Drive Retainer
1003	490316		SPRING, Brush -(4 1/2 Housing)
1051A	691265		RING, Retaining
1090	691293		RETAINER, Brush

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Subject		Ref. No. 309	Ref. No. 310	Ref. No. 311	Ref. No. 801	Ref. No. 802	Ref. No. 803	Ref. No. 544	Ref. No. 1003
Starter Motor Mfr.		Motor and Drive Assy.	Thru Bolt	Brush Assembly	End Cap Assy. Drive	End Cap Assy. Commutator	Housing Assembly	Armature Assembly	Brush Spring
Briggs & Stratton	Housing Length								
†12V	3"	393017	93887	391705	393009	394674	**	390837	—
12V	3-5/8"	394808	94003	395538	394860	††395537	393825	390837	—
12V	4-1/2"	399928	94169	490311	394860	490310	399172	490309	490316

Subject	Ref. No. 513	Ref. No. 783	Ref. No. 876	Ref. No. 896	Ref. No. 510
Starter Motor Mfr.	Clutch Assembly	Gear	Pinion Spring Kit	Roll Pin	Starter Drive Group
Briggs & Stratton					
12V	391135	280104	393254	93754	396865

NOTE: Style Identification of 12 volt motors.

NEW STYLE: Thru bolt heads are located on the drive end head.

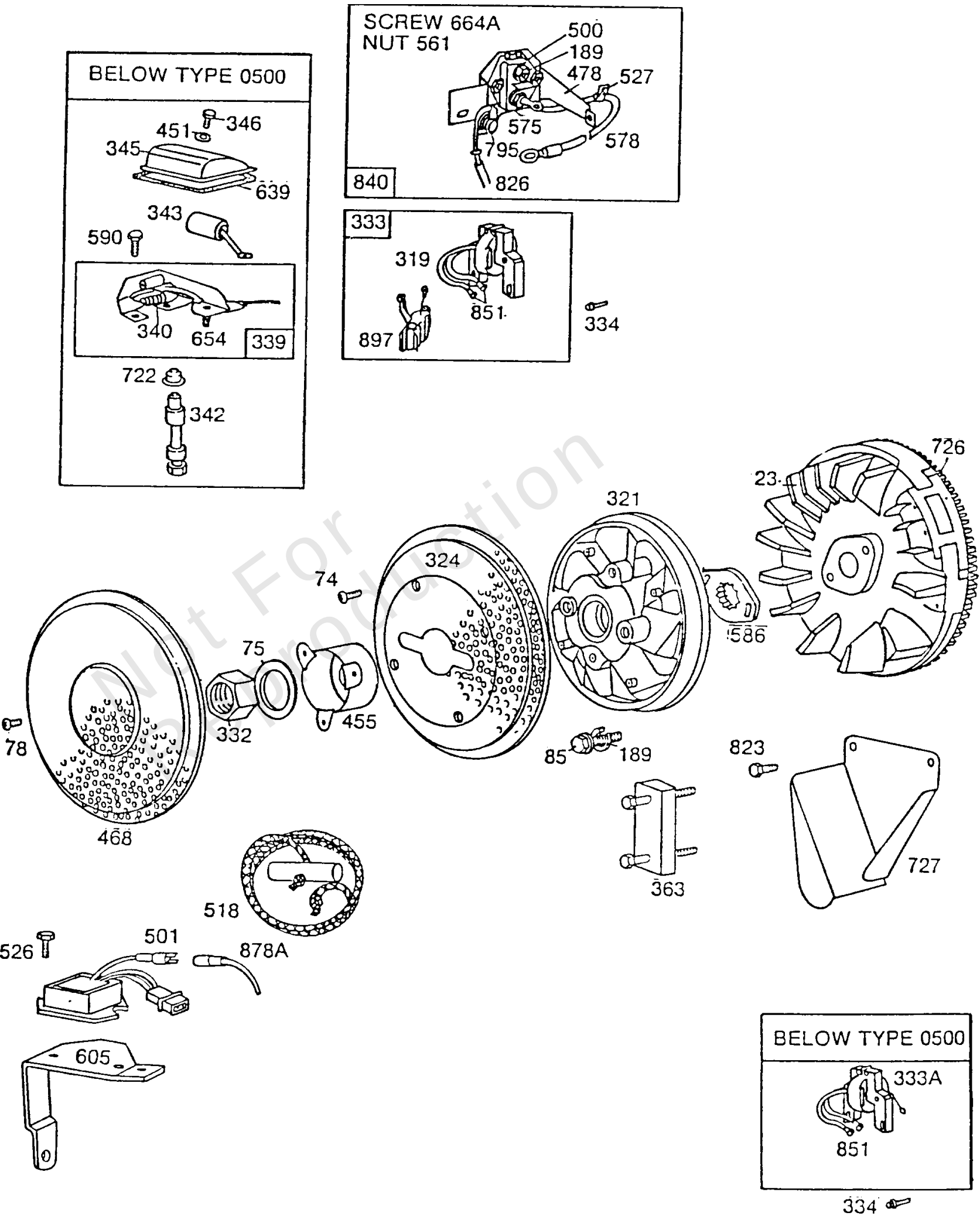
†OLD STYLE: Brush end head is 13/16" wide.

††See Text — Ref. 309 for Specials.

****Part not available.** Use 394808 Motor Drive Assembly.

Electric Starter and Chart

REF NO	PART NO	QTY	DESCRIPTION
189	90366		WASHER
309	393017		MOTOR, Starter -(3 Housing) (Briggs & Stratton 12V) OLD STYLE: Brush end head is 13/16 wide.
309	394808		MOTOR, Starter -(3 5/8 Housing)
309	399928		MOTOR, Starter -(4 1/2 Housing)
310	93887		SCREW -(3 Housing) (Briggs & Stratton 12V) OLD STYLE: Brush end head is 13/16 wide.
310	94003		SCREW -(3 5/8 Housing)
310	94169		SCREW -(4 1/2 Housing)
311	391705		SET, Brush -(3 1/16 Housing) OLD STYLE: Brush end head is 13/16 wide.
311	395538		SET, Brush -(3-5/8 or 4 3/8 Housing)
311	490311		SET, Brush -(4 9/16 Housing)
510	396865		DRIVE, Starter -(3 21/32 Housing)
513	391135		CLUTCH, Starter
544	390837		ARMATURE, Starter -(3 5/8 Housing) OLD STYLE: Brush end head is 13/16 wide.
544	390837		ARMATURE, Starter -(3 5/8 Housing)
544	490309		ARMATURE, Starter -(4 9/16 or 4 3/8 Housing)
653	91162		SCREW -(5/16-18 X 1-1/2)
783	280104		GEAR, Pinion -(Briggs & Stratton 12V)
801	393009		CAP, Drive -(3 Housing) (Briggs & Stratton 12V) OLD STYLE: Brush end head is 13/16 wide.
801	394860		CAP, End -(3-5/8 or 4 1/2 Housing)
802	394674		CAP, End -(3 Housing) (Briggs & Stratton 12V) OLD STYLE: Brush end head is 13/16 wide.
802	395537		CAP, End -(3 5/8 Housing)
802	490310		HOUSING, Brush End -(4 1/2 or 4 9/16 Housing)
803	-----		No Nomenclature -OLD STYLE: Brush end head is 13/16" wide. Part not available. Use 394808 Motor Drive Assembly.
803	393825		HOUSING, Starter -(3 5/8 Housing)
803	399172		HOUSING, Starter -(4 1/2 or 4 9/16 Housing)
876	393254		DRIVE, Starter -(Briggs & Stratton 12V)
896	93754		PIN, Drive Retainer -(Briggs & Stratton 12V)
1003	490316		SPRING, Brush -(4 1/2 or 4 9/16 Housing)

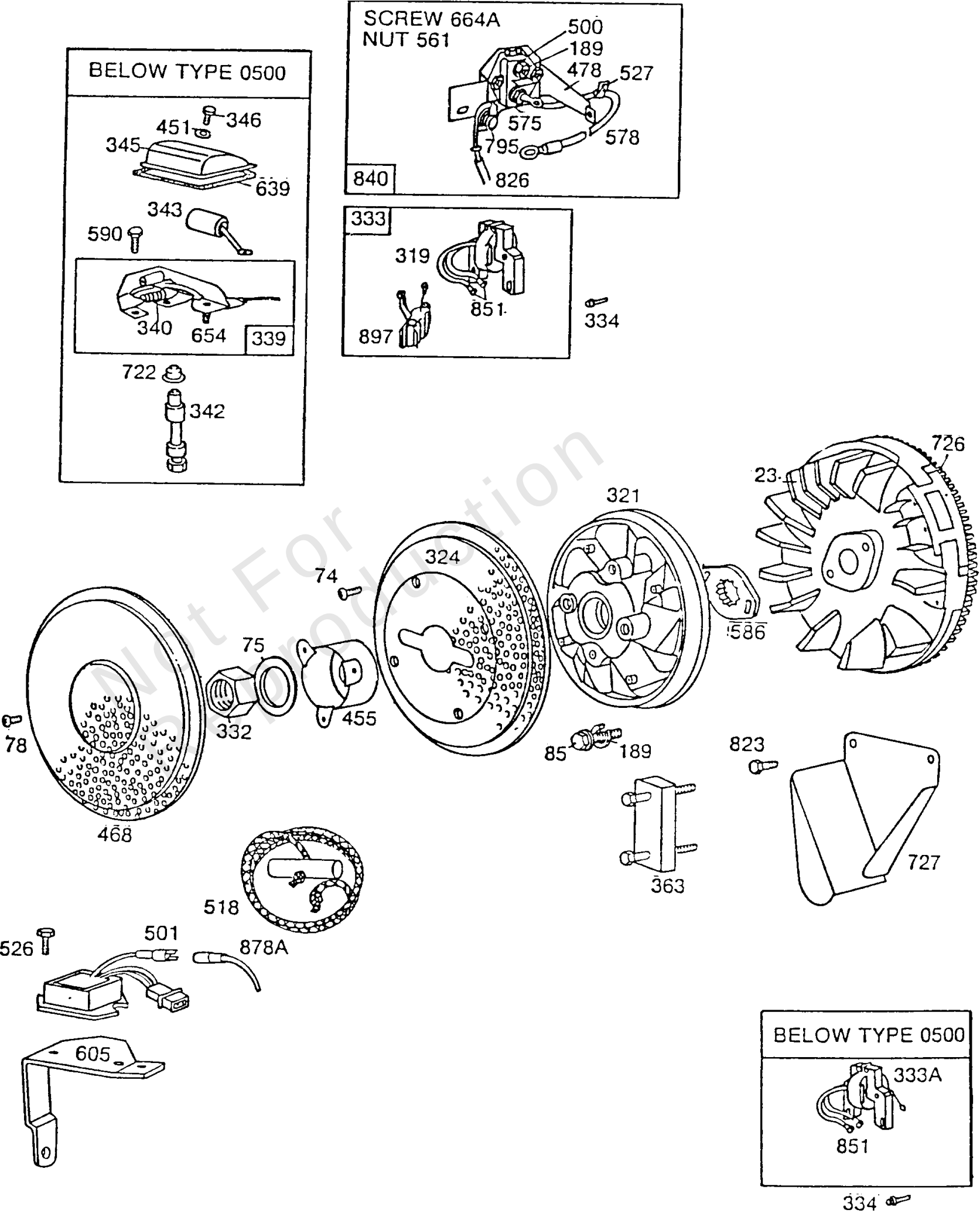


Electrical, Flywheel, Screens

REF NO	PART NO	QTY	DESCRIPTION
74	93808		SCREW
75	222511		WASHER -(Spring)
78	93805		SCREW
85	92674		SCREW -(2-7/16)
189	90366		WASHER
319	394988		ARMATURE, Magneto
321	212277		FAN, Booster
324	222872		SCREEN, Rotating
332	230674		NUT
333A	392329		ARMATURE, Magneto
333	394891		ARMATURE, Magneto -(Magnetron Ignition)
334	93381		SCREW
339	393403		BREAKER, Ignition -For Conversion to MAGNETRON Ignition Order Part No. 394891
340	26018		SPRING, Breaker Arm
342	393598		PLUNGER, Breaker
343	392912		CONDENSER
345	212259		COVER, Breaker
346	93854		SCREW
363	19203		PULLER, Flywheel
451	271037		WASHER -(Breaker)
455	222674		CUP, Flywheel
468	222673		SCREEN, Rotating
478	223106		BRACKET, Stopswitch -(Toggle Switch)
478	223144		BRACKET, Stopswitch -(Key Switch)
500	91325		WASHER
501	394890		REGULATOR -(10, 13, or 16 Amp, Depending on Size of Flywheel Magnets)
518	69932		GRIP, Starter Rope
526	93559		SCREW -(Tank) (Fuel Tank)
527	220162		CLIP, Wire
561	92278		NUT -(Starting Switch)
575	299139		SWITCH, Starting
578	394518		WIRE ASSEMBLY
586	22906		RETAINER
590	93171		SCREW
605	222959		BRACKET, Support -Used After Code Date 83052700
639	271039		GASKET, Breather -Included in Gasket Set-Part No. 394501
654	230783		NUT
664A	93415		SCREW -(1/4-20 X 3/4)
722	280222		SEAL, Plunger

Footnotes:

AssocPart: 0000000291728



Electrical, Flywheel, Screens

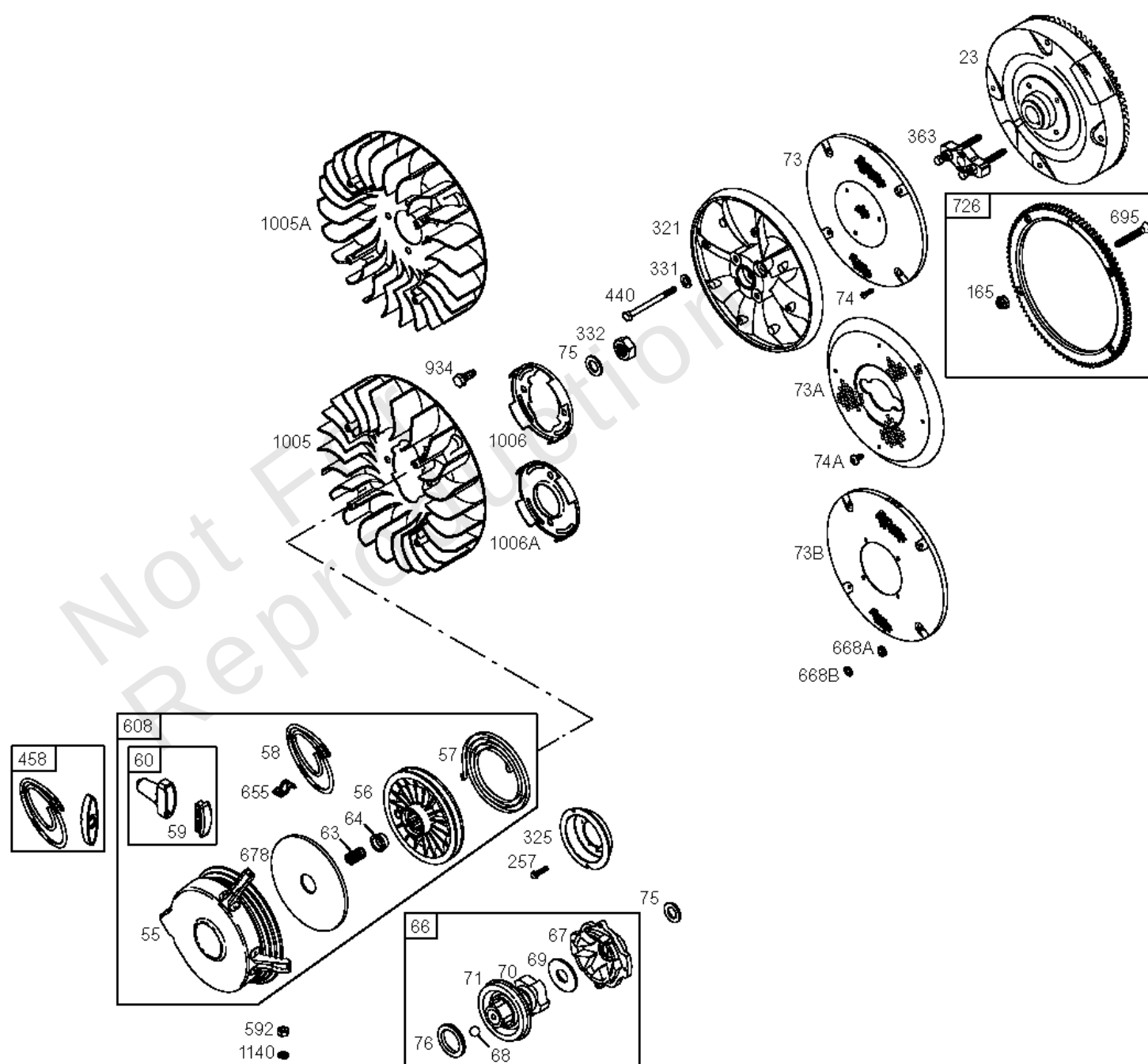
REF NO	PART NO	QTY	DESCRIPTION
726	391362		GEAR, Ring -(Includes Mounting Hardware)
727	222987		GUARD, Flywheel
795	490066		SWITCH, Key
823	93535		SCREW -(5/16-18 X 3/4)
826	394667		WIRE, Stop
840	394583		KIT, Panel -(Toggle Switch)
840	396573		KIT, Panel -(Key Switch)
851	221798		TERMINAL, Spark Plug
878A	393422		WIRE ASSEMBLY -(Dc Only)
897	394970		KIT, Magnetron Ignition

Not For
Reproduction

Footnotes:

AssocPart: 0000000291728

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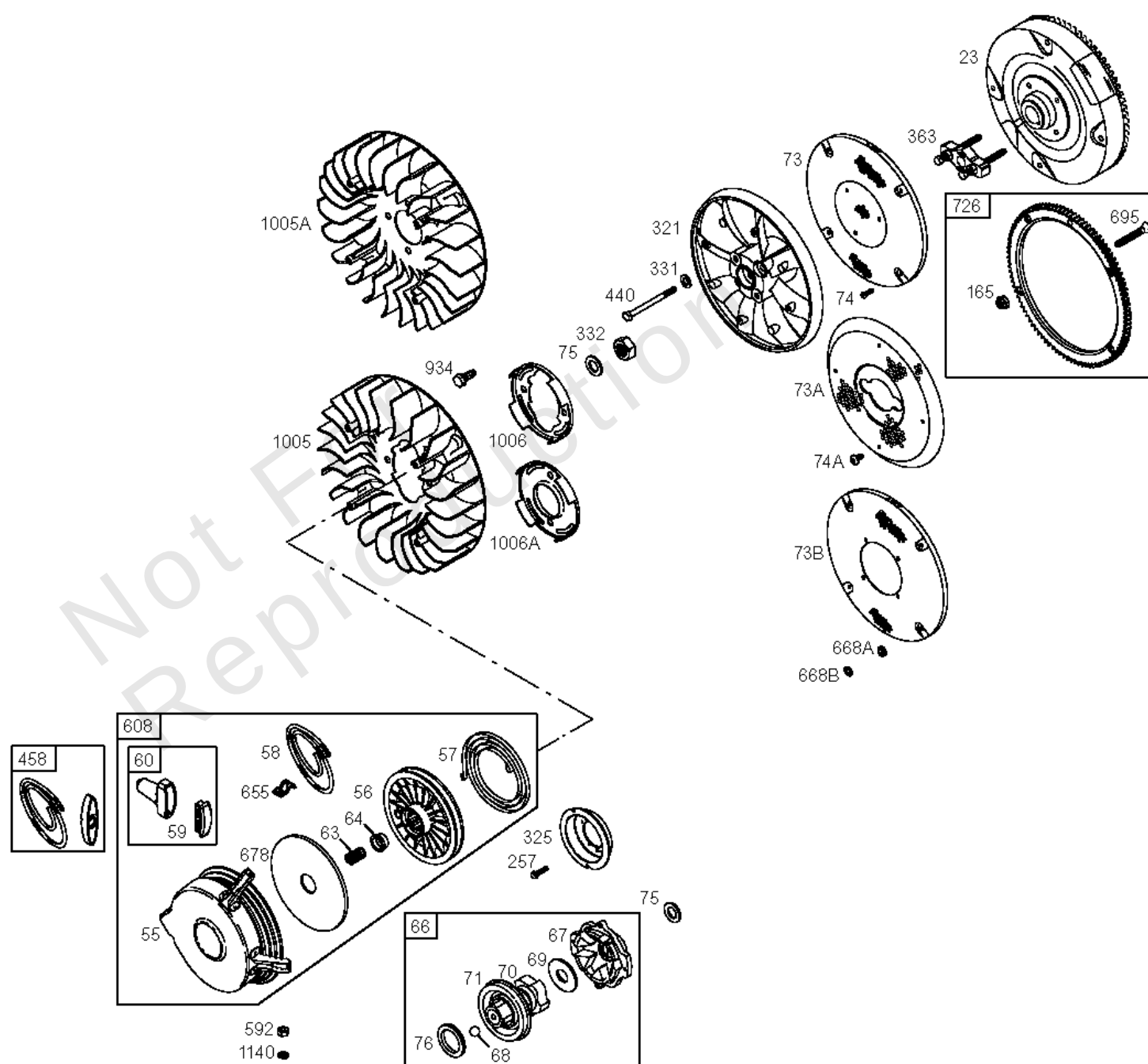


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Flywheel, Rewind

REF NO	PART NO	QTY	DESCRIPTION
23	691976		FLYWHEEL -(10 Amp Regulated)
55	491808		HOUSING, Rewind Starter
56	392630		PULLEY, Starter -(63 Rope)
57	490179		SPRING-REWIND STR
58	692188		ROPE, Starter -(Cut To Required Length)
59	490653		INSERT, Grip
60	490652		GRIP-STARTER ROPE
63	690547		SPRING, Ratchet
64	690511		ADAPTER, Ratchet Spring
66	393127S		CLUTCH, Starter
67	690542		HOUSING, Clutch
68	691604		BALL, Clutch
69	690271		WASHER -(Starter Clutch)
70	691945		RATCHET-CLUTCH
71	691359		COVER, Ratchet
73	692527		SCREEN-ROTATING -(Steel)
73A	690476		SCREEN-ROTATING
73B	690445		SCREEN, Rotating
74	691677		SCREW -(Rotating Screen)
74A	691655		SCREW -(Rotating Screen)
75	691056		WASHER -(Flywheel)
76	68238		SEAL, Ratchet
165	693148		NUT -(Ring Gear)
257	690292		SCREW -(Starter Clutch)
321	213460		FAN, Booster -Used Before Code Date 93041900
321	690382		FAN, Booster -Used After Code Date 93041800
325	690418		PULLEY, Rope Starter
331	691075		WASHER -(Booster Fan)
332	691059		NUT -(Flywheel)
363	19203		PULLER, Flywheel
440	690335		SCREW -(Booster Fan)
592	690276		NUT -(Rewind Starter)
608	690765		STARTER, Rewind
655	691734		ANCHOR-REWIND SPRING
668A	690515		SPACER -(Rotating Screen)
668B	690419		SPACER -(Rotating Screen)
678	490817		SPACER-REWIND -(Rewind)
695	693149		SCREW -(Ring Gear)

422400

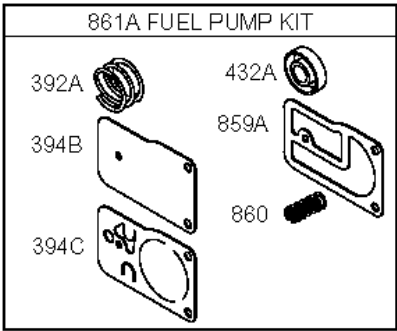
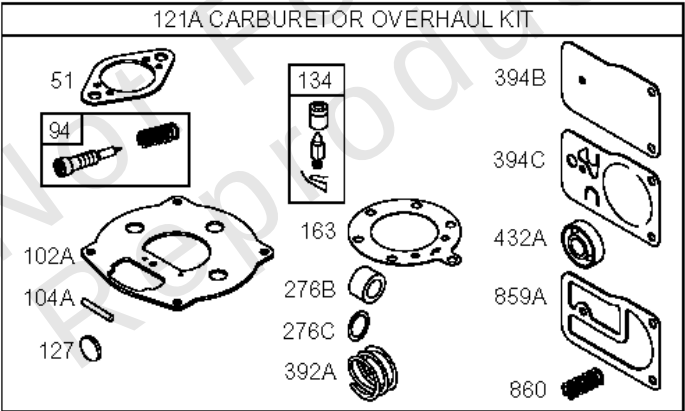
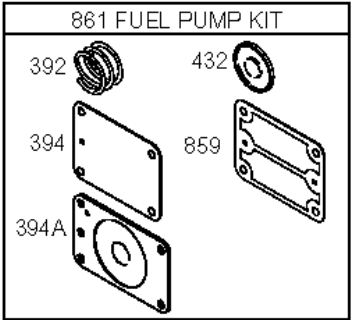
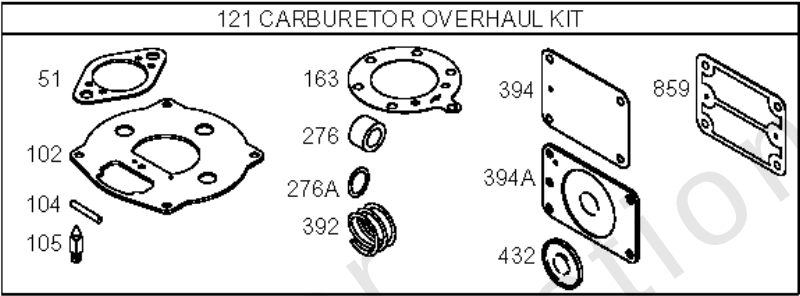


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Flywheel, Rewind

REF NO	PART NO	QTY	DESCRIPTION
726	391362		GEAR, Ring -(Includes Mounting Hardware)
934	691058		SCREW -(Fan Retainer)
1005	498157		FAN, Flywheel -Used After Code Date 93011700
1005A	280815		FAN, Flywheel -Used Before Code Date 93011800
1006	690452		RETAINER, Fan
1006A	691247		RETAINER, Fan
1140	690286		WASHER -(Rewind Starter)

422400



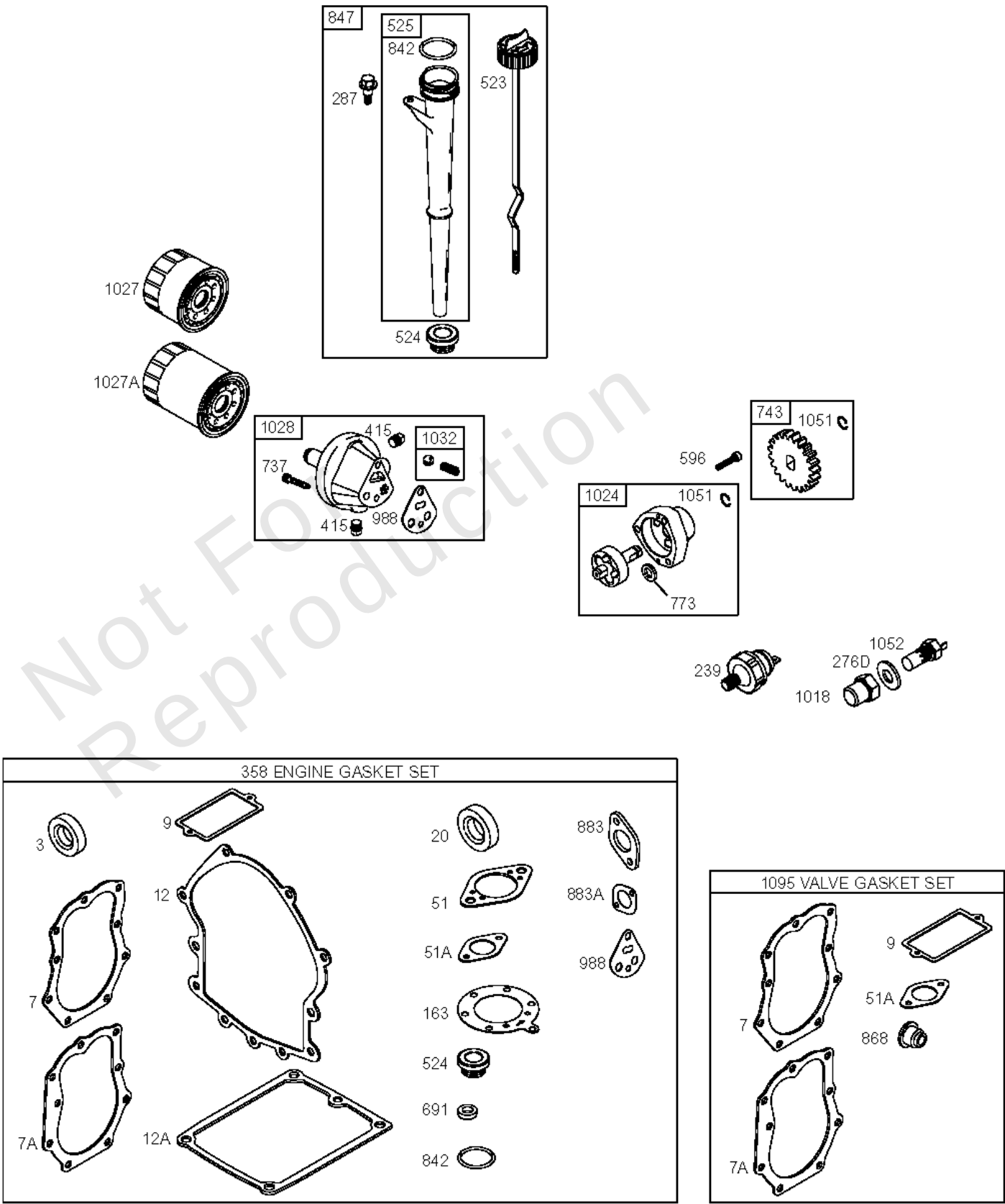
Illustrations cover a range of engines. Parts shown without corresponding text may not be used on your specific engine.
9492-7 Assemblies include all parts shown in frames. 5C-7/2002

Kit/Gasket Sets - Carburetor, Kit/Gasket Sets - Fuel Pump

REF NO	PART NO	QTY	DESCRIPTION
121	693503		KIT-CARB OVERHAUL -(Used On 4 Screw Fuel Pump Mount Carburetors)
121A	694056		KIT, Carburetor Overhaul -(Used On 3 Screw Fuel Pump Mount Carburetors)

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422400



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9492-4 Assemblies include all parts shown in frames. 5C-7/2002

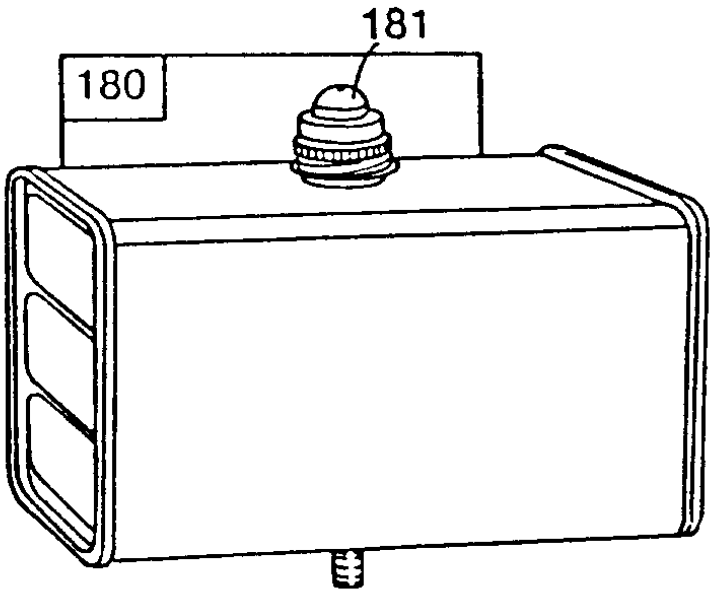
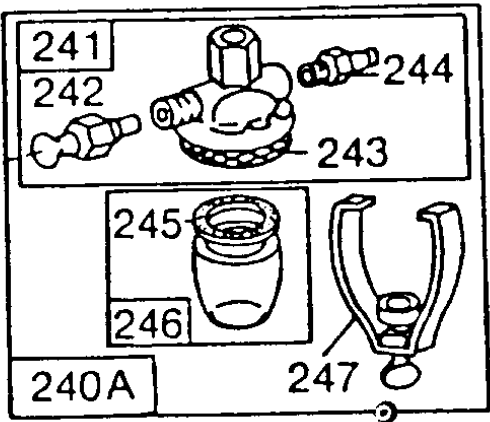
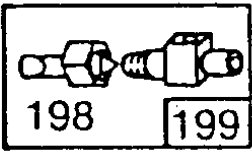
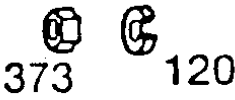
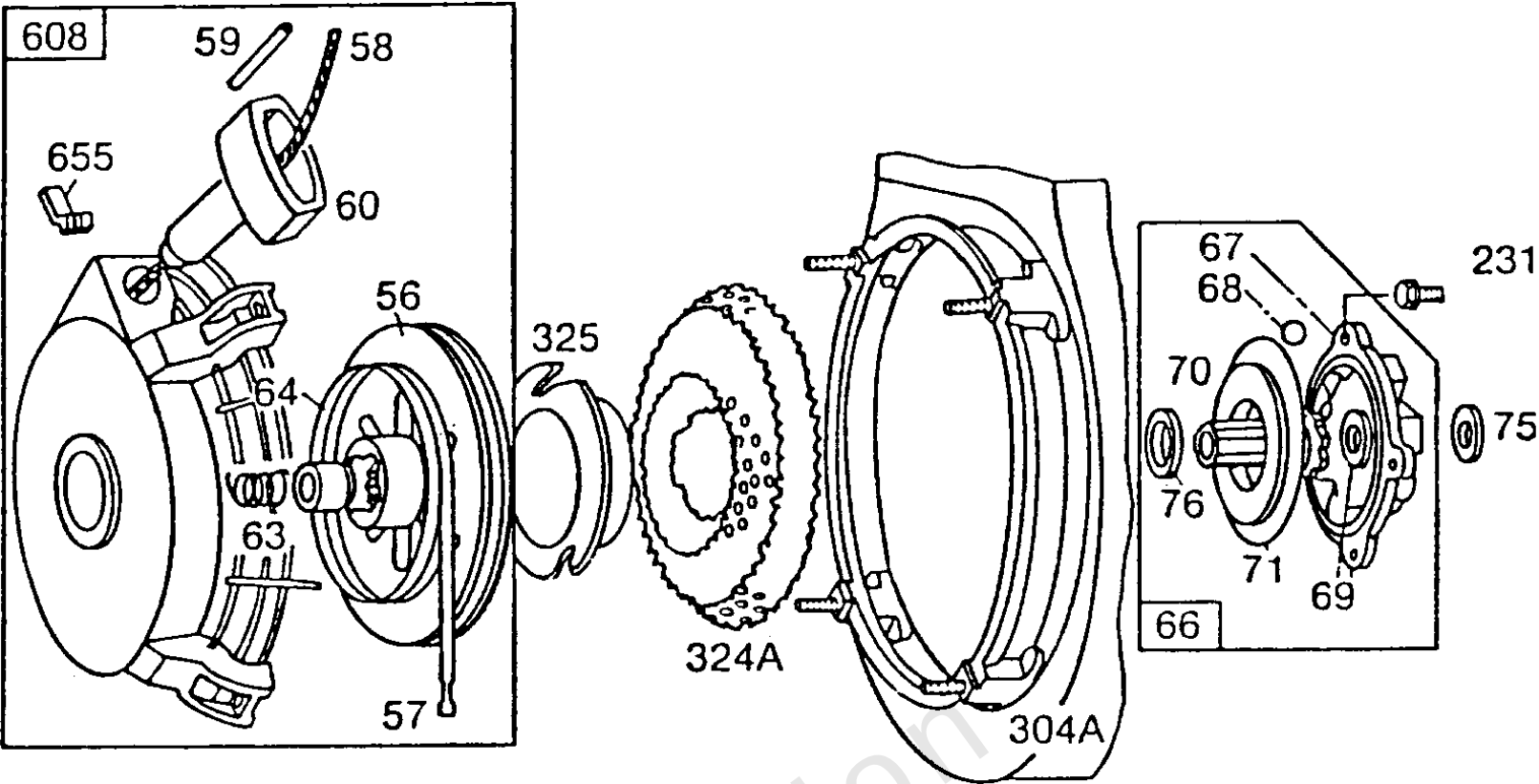
Kit/Gasket Sets - Engine, Kit/Gasket Sets - Valve, Oil

REF NO	PART NO	QTY	DESCRIPTION
239	491657S		SWITCH, Oil Pressure
276D	690579		WASHER, Sealing -(Oil Sensor)
287	691130		SCREW -(Dipstick Tube)
358	495868		GASKET SET, Engine
523	691385		DIPSTICK
524	281370S		SEAL, Dipstick Tube -(Dipstick Tube)
525	691389		TUBE, Dipstick
596	690333		SCREW -(Oil Pump)
737	690332		SCREW -(Oil Filter Adapter)
743	491801		GEAR, Drive -(Oil Pump)
773	692332		RETAINER
842	271170		SEAL, O-Ring -(Dipstick Tube)
847	690651		DIPSTICK/TUBE ASSY
988	691313		GASKET, Oil Adapter
1018	690519		CAP, Oil Sensor
1024	491708		PUMP, Oil
1027	492932S		FILTER, Oil
1027A	491056		FILTER-OIL -(3-1/4) -Used Before Code Date 95060500
1028	491721		ADAPTER, Oil Filter
1032	491710		SPRING, Compression
1051	690337		RING, Retaining
1052	490916		SENSOR, Oil
1095	498047		GASKET SET, Valve

Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	-----		Top No-Load Speed: 3600 -Trim: ALL

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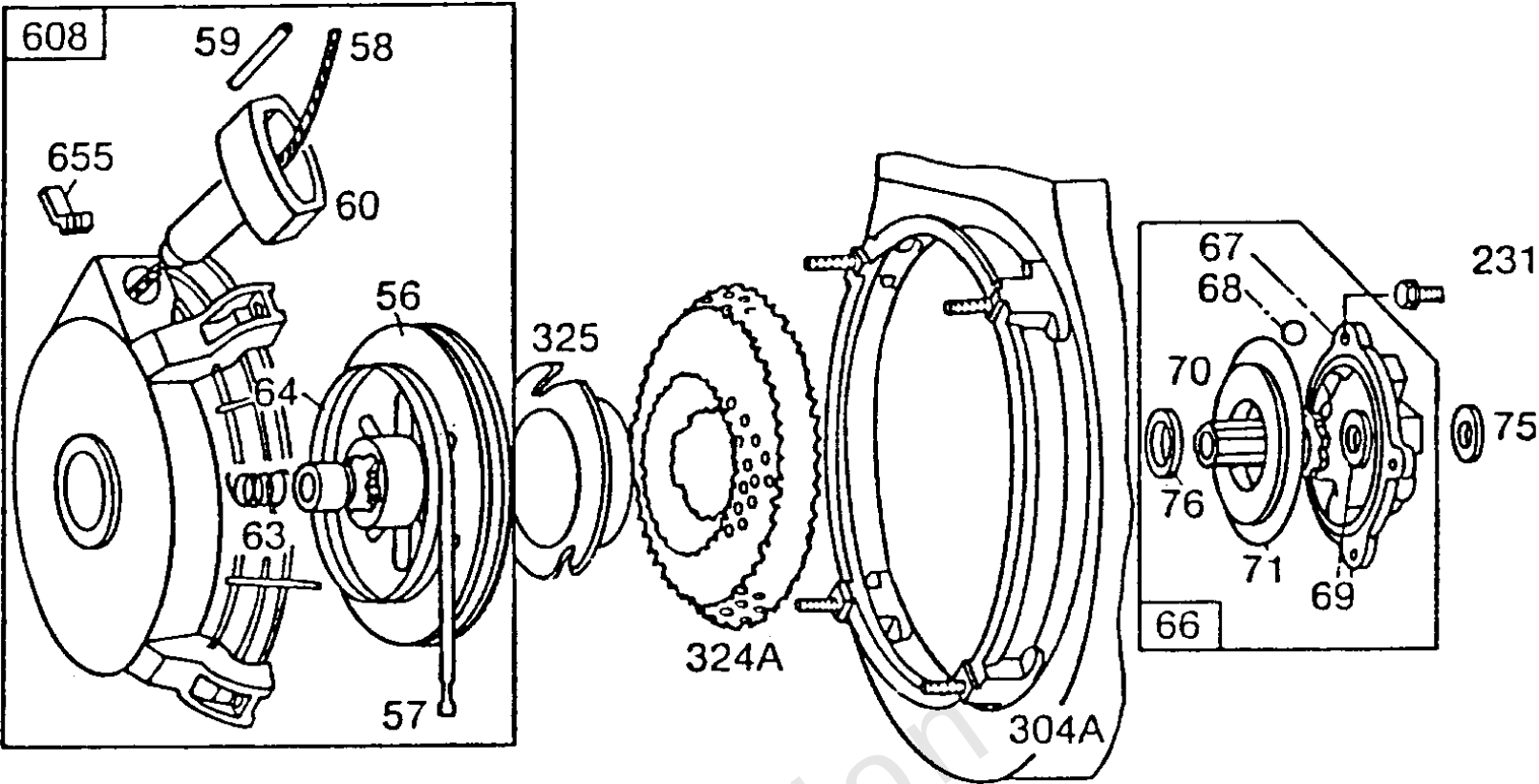


Rewind Starter Assy,FuelTank

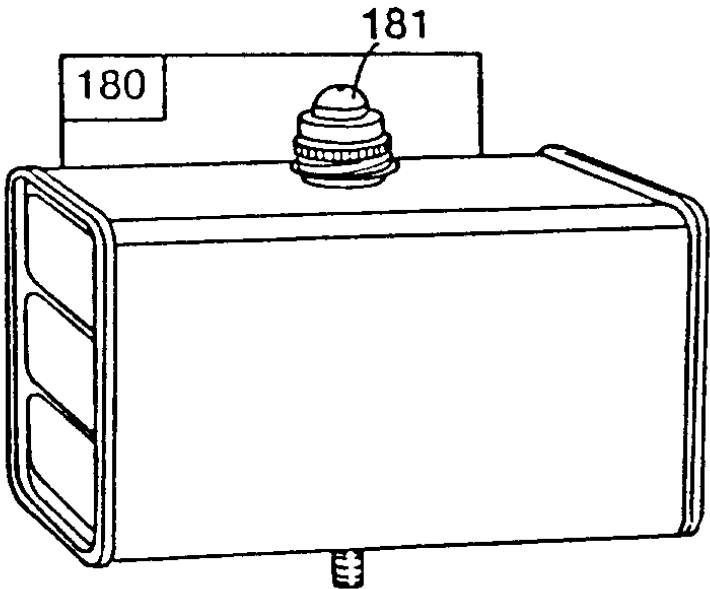
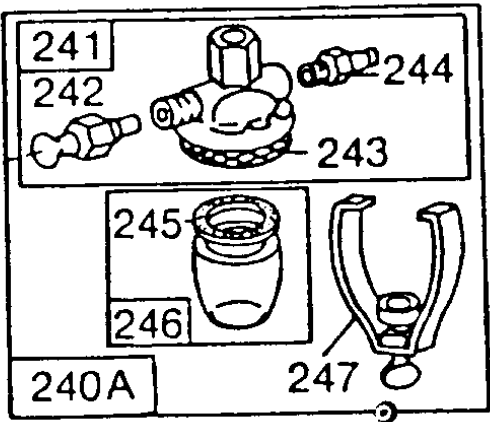
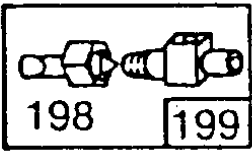
REF NO	PART NO	QTY	DESCRIPTION
56	392630		PULLEY, Starter -(63 Rope) If longer Rope is required, order Rope No. 66894 and cut to length.
57	490179		SPRING-REWIND STR
58	66884		ROPE, Starter -(Cut To Required Length) If longer Rope is required, order Rope No. 66894 and cut to length.
59	230228		PIN, Starter Grip
60	66728		GRIP, Starter Rope
64	231118		ADAPTER, Rewind Spring
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 -(engine W/Ring Gear on FW equipped for Elec Start)
71	221653		WASHER
75	222511		WASHER -(Spring)
76	68238		SEAL, Ratchet
120	92290		WASHER
180	22813		BRACKET, Fuel Tank -(8 Quart) (Remote Mount Only)
180	22907		BRACKET, Fuel Tank -(8 Quart) (Remote Mount Only)
180	291488		TANK, Fuel -(6 Quart)
180	291490		STRAP, Fuel Tank -(6 Quart) Includes: 91257 Screw-Machine Fill. Hd.
180	292415		TANK, Fuel -(8 Quart)
180	393169		STRAINER, Fuel
181	297866		CAP, Fuel Tank -(Metal)
198	293934		VALVE, Fuel Shut Off
199	297563		OUTLET, Tank
231	93064		SCREW
240A	393169		STRAINER, Fuel
241	296005		COVER, Fuel Filter
242	295913		VALVE, Fuel Shut Off
243	22547		STRAINER, Fuel
244	230318		CONNECTOR, Hose
245	68477		GASKET, Fuel Bowl -Included in Gasket Set-Part No. 394501
246	298683		BOWL, Fuel Filter
247	99665		YOKE, Bowl
304A	393736		HOUSING, Blower -(Rewind Starter) (Low Profile)
324A	223012		SCREEN, Rotating -Uses: 222997 Support-Pulley 231226 Spacer (Clutch)
325	222995		PULLEY, Rope Starter
373	90356		NUT -(10-24)

Footnotes:

AssocPart: 0000000291728



373 120



Rewind Starter Assy,FuelTank

REF NO	PART NO	QTY	DESCRIPTION
608	392677		STARTER, Rewind -(Low Profile)
655	222598		ANCHOR, Rewind Spring -(Stamped Rewind Housing)

Not For
Reproduction

