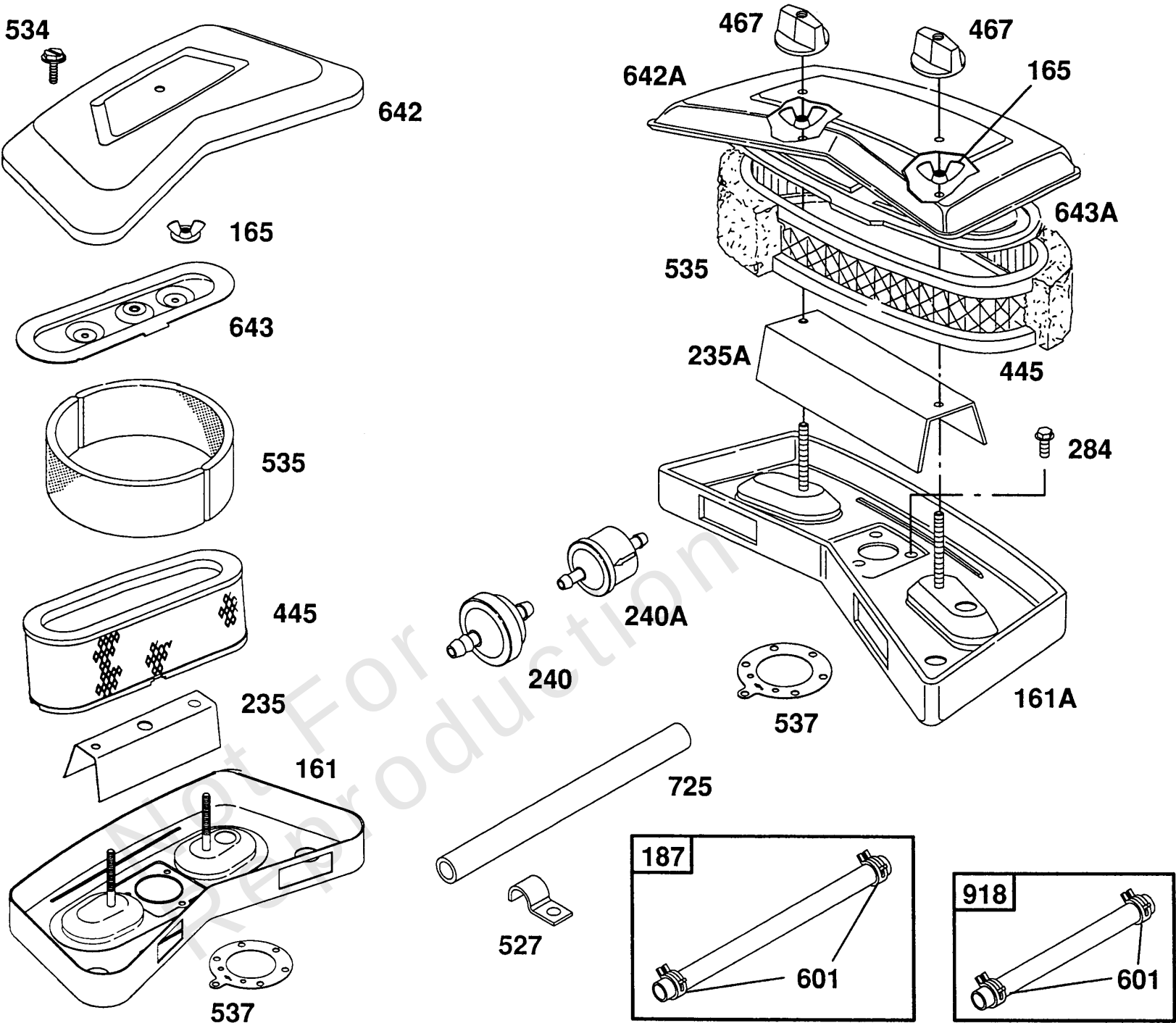




Parts Manual

Mfg. No: 402707-1216-01

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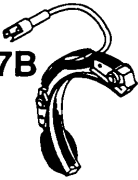
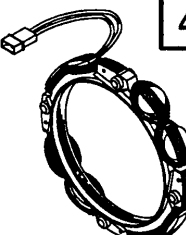
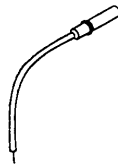
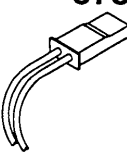
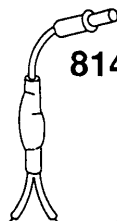
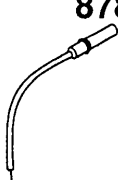
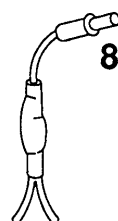
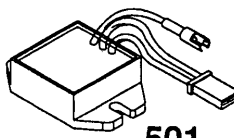
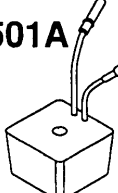


Air Cleaner Group,Fuel Hoses

REF NO	PART NO	QTY	DESCRIPTION
161A	398826		BASE, Air Cleaner
161	496599		BASE, Air Cleaner
165	94289		NUT
187	299146		LINE, Fuel -(Cut To Required Length)
235A	224039		SHIELD, Fuel Spray
235	224995		SHIELD, Fuel Spray
240A	493629		FILTER, Fuel -(Fuel Pump)
240	394358		FILTER, Fuel -(Fuel Pump)
284	94264		SCREW -(Casing Clamp)
445	394019		FILTER, A/C Cartridge
467	212706		KNOB, Choke Shaft
527	223167		CLAMP, Tube
534	94823		SCREW
535	272490		FILTER, Pre Cleaner
537	271411		GASKET, Air Cleaner -Included in Gasket Set-Part No. 491856. Included in Carburetor Kit-Part No. 491539
601	93053		CLAMP, Hose -(Green)
642A	223579		COVER, Air Cleaner
642	225008		COVER, Air Cleaner
643A	223714		RETAINER, Air Filter
643	496700		RETAINER, Air Filter
725	280866		SHIELD, Heat -(20)
918	393815		HOSE, Vacuum -(Cylinder To Impulse Pump)(Cut To Required Length)

Footnotes:

Included in Carburetor Kit-Part No. 491539

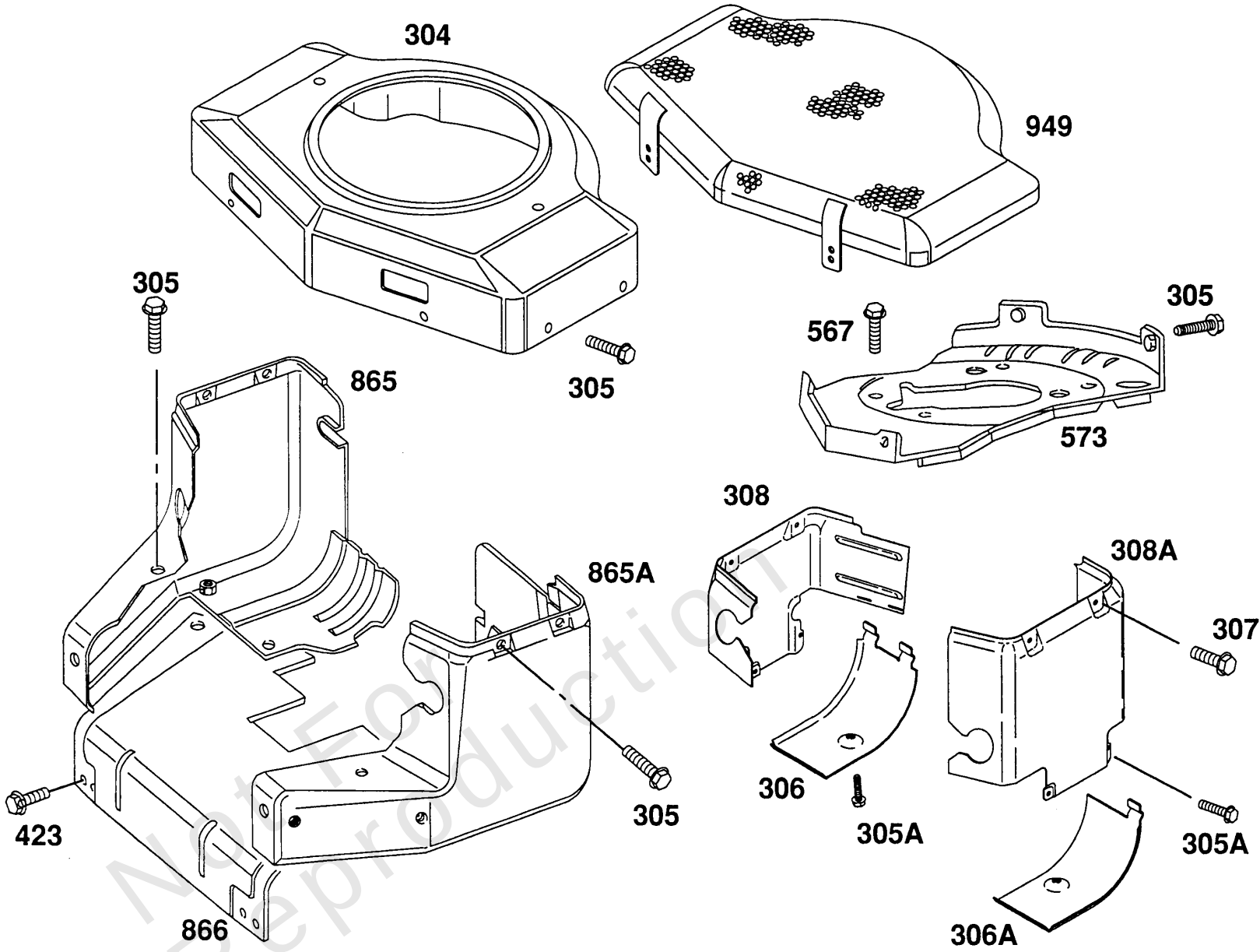
DC ONLY	DUAL CIRCUIT	TRI-CIRCUIT	16 AMP	9 AMP
SEE FLYWHEEL ASSEMBLY	SEE FLYWHEEL ASSEMBLY	SEE FLYWHEEL ASSEMBLY	SEE NOTE UNDER FLYWHEEL ASSEMBLY	SEE NOTE UNDER FLYWHEEL ASSEMBLY
 877B	 877	 877A	 474B	 877A
 878A	 878	 814	 878A	 814
			 501	 501A  526A

NOTE: ALL STATORS USE NO. 482 MOUNTING SCREW. 



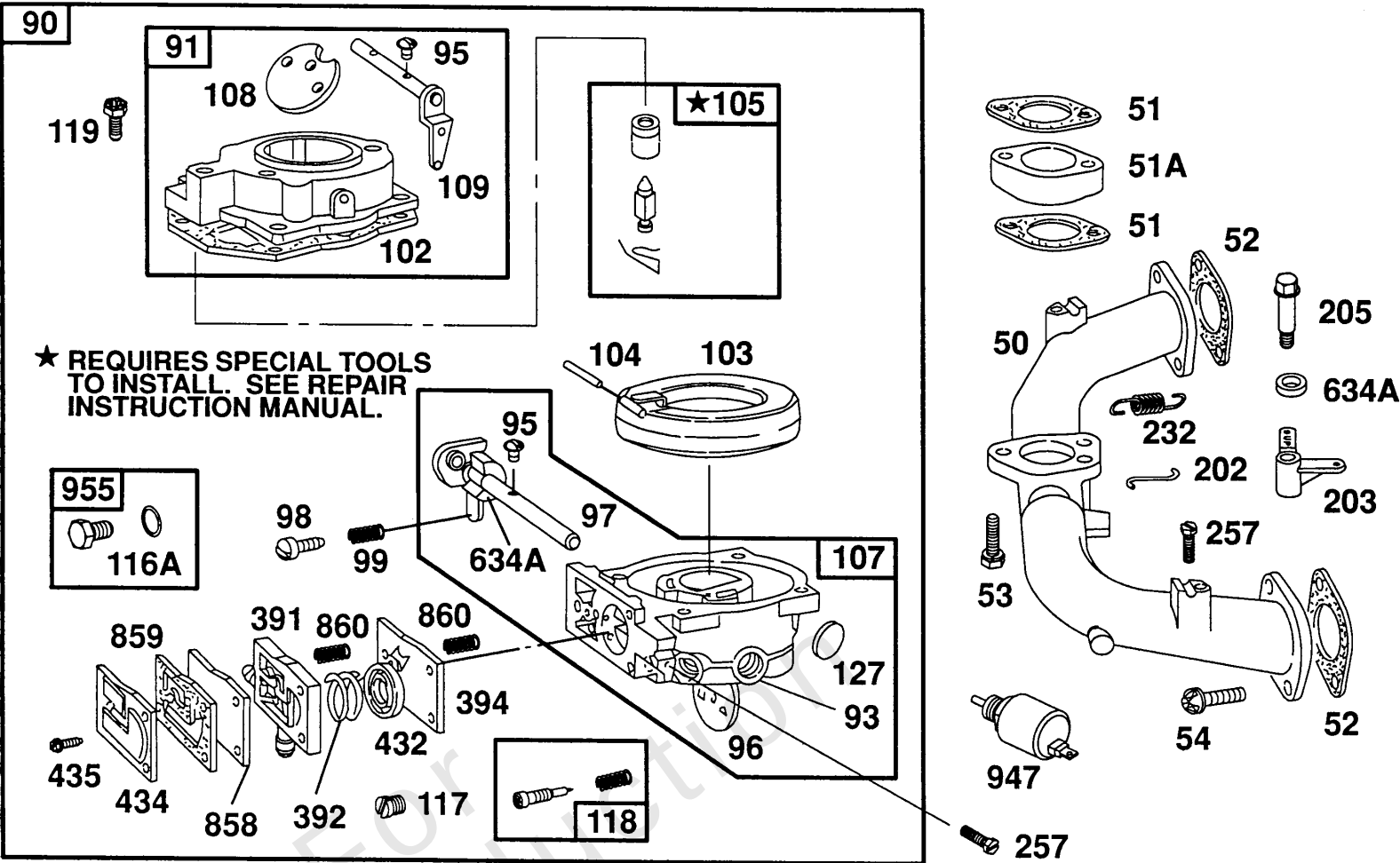
Alternator Chart

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)
501A	491546		REGULATOR -(9 Amp)
501	394890		REGULATOR -(10, 13, or 16 Amp, Depending on Size of Flywheel Magnets)
526A	94137		SCREW -(Regulator)
814	392606		HARNESS, Alternator -(Tri Circuit)
877A	393537		WIRE/CONNECTOR, Alternator -(Tri Circuit) (9 Amp)
877B	393814		WIRE/CONNECTOR, Alternator -(10 Amp Regulated)
877	393456		WIRE/CONNECTOR, Alternator
878A	393422		WIRE ASSEMBLY -(Dc Only)
878B	399916		WIRE/CONN-ALTERNATOR -(16 Amp Regulated)
878	393362		HARNESS, Alternator -(Dual Circuit)
887	391529		ALTERNATOR -(DC Only)



Blower Hsg, Air Guides

REF NO	PART NO	QTY	DESCRIPTION
304	495587		HOUSING, Blower
304	495588		HOUSING, Blower
305A	93343		SCREW -(Control Panel)
305	93415		SCREW -(1/4-20 X 3/4)
305	94786		SCREW -(1/2)
306A	223734		SHIELD, Cylinder
306	222846		SHIELD, Cylinder
307	93163		SCREW -Used Before Code Date 91080500
307	94386		SCREW -Used After Code Date 91080400
308A	224775		COVER, Cylinder Head -(Cylinder 2) (Includes Mtg. Parts)
308	224774		COVER, Air Guide
423	93876		SCREW
567	93777		SCREW
573	491304		PLATE, Back
865A	399932		COVER, Air Guide -(Cylinder 2)
865	491719		COVER, Air Guide -(Cylinder 1)
866	491285		COVER, Air Guide
949	491438		GUARD, Debris Screen

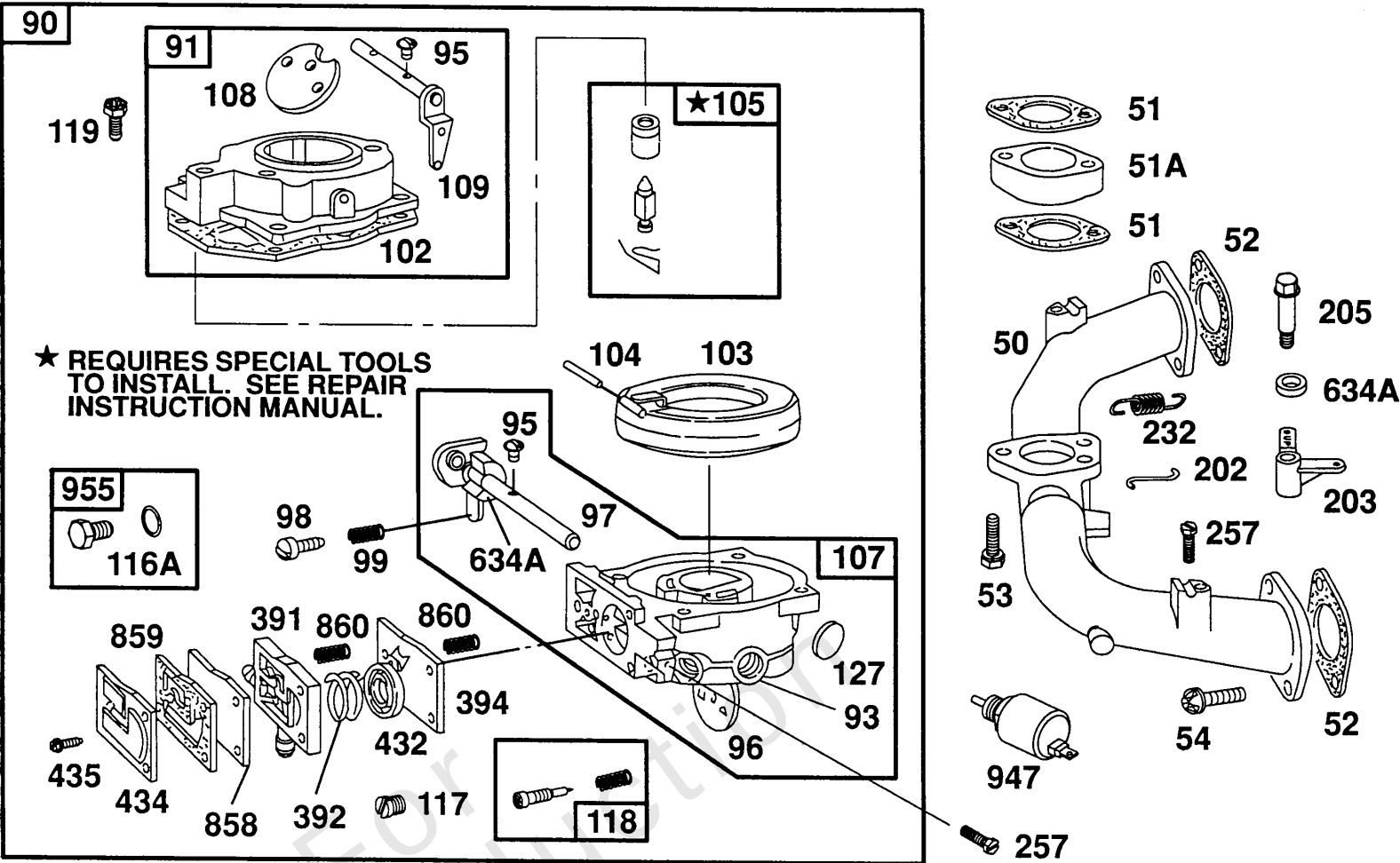


Carburetor Assembly,Manifold

REF NO	PART NO	QTY	DESCRIPTION
50	213290		MANIFOLD, Intake
51A	280319		SPACER, Carburetor
51	271412		GASKET, Intake -Included in Gasket Set-Part No. 491856. Included in Carburetor Kit-Part No. 491539
52	270884		GASKET, Intake -Included in Gasket Set-Part No. 491856
53	93970		SCREW
54	93208		SCREW -(Intake Manifold)
90	491429		CARBURETOR -Used Before Code Date 92021700
90	495181		CARBURETOR -Used After Code Date 92021600
91	495035		BODY, Upper Carburetor
93	231209		BUSHING, Throttle Shaft
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
102	271607		GASKET, Carburetor Body -Included in Carburetor Kit-Part No. 491539
102	271609		GASKET, Carburetor Body -Used Before Code Date 93070100
103	298514		FLOAT, Carburetor
104	230896		PIN, Float Hinge -Included in Carburetor Kit-Part No. 491539
105	394683		KIT, Needle/Seat -(Pump Feed) Included in Carburetor Kit-Part No. 491539
107	491543		BODY, Lower Carburetor
108	223534		VALVE, Choke
109	392673		SHAFT, Choke
116A	280474		SEAL, O-Ring -Included in Gasket Set-Part No. 491856
117	231333		JET, Main -(High Altitude)
117	231338		JET, Main
118	491538		VALVE, Idle Mixture -Included in Carburetor Kit-Part No. 491539
119	94152		SCREW -(Upper To Lower Carburetor Body)
127	223472		PLUG, Welch -Included in Carburetor Kit-Part No. 491539
202	262684		LINK, Throttle -Used After Code Date 89120300
202	493230		LINK, Throttle -Used Before Code Date 89120400
203	280997		CRANK, Bell -Used After Code Date 89120300
203	493230		LINK, Throttle -Used Before Code Date 89120400

Footnotes:

Included in Carburetor Kit-Part No. 491539

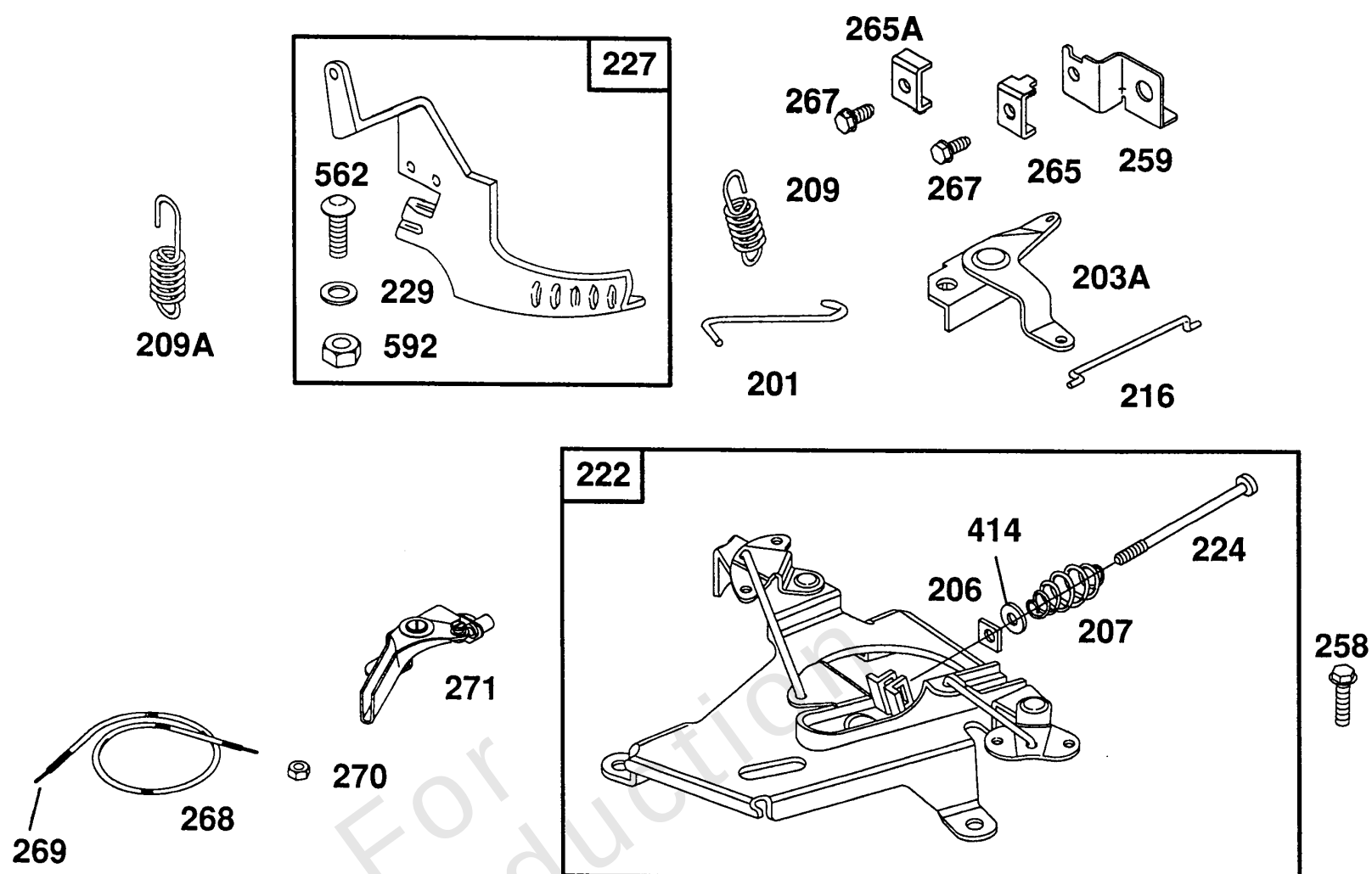


Carburetor Assembly,Manifold

REF NO	PART NO	QTY	DESCRIPTION
205	93971		SCREW
232	262539		SPRING, Throttle Return -(Throttle Return)
257	93897		SCREW
392	261395		SPRING, Pump Diaphragm -Included in Pump Repair Kit-Part No. 393397. Included in Carburetor Kit-Part No. 491539
392	261395		SPRING, Pump Diaphragm -Included in Carburetor Kit-Part No. 491539. Included in Pump Repair Kit-Part No. 393397
394	270988		DIAPHRAGM, Carburetor -Included in Pump Repair Kit-Part No. 393397. Included in Carburetor Kit-Part No. 491539
394	272638		DIAPHRAGM, Carburetor -Included in Carburetor Kit-Part No. 491539. Included in Pump Repair Kit-Part No. 393397
432	221377		CAP, Spring -Included in Pump Repair Kit-Part No. 393397. Included in Carburetor Kit-Part No. 491539
432	221377		CAP, Spring -Included in Carburetor Kit-Part No. 491539. Included in Pump Repair Kit-Part No. 393397
434	223688		COVER, Diaphragm
435	93829		SCREW
634A	271013		WASHER, Sealing -(Foam) Included in Carburetor Kit-Part No. 491539
858	270989		DIAPHRAGM, Carburetor -Included in Carburetor Kit-Part No. 491539. Included in Pump Repair Kit-Part No. 393397
858	270989		DIAPHRAGM, Carburetor -Included in Pump Repair Kit-Part No. 393397. Included in Carburetor Kit-Part No. 491539
859	271025		GASKET, Carburetor Pump -Included in Pump Repair Kit-Part No. 393397. Included in Carburetor Kit-Part No. 491539
859	271025		GASKET, Carburetor Pump -Included in Carburetor Kit-Part No. 491539. Included in Pump Repair Kit-Part No. 393397
860	261358		SPRING, Valve -Included in Carburetor Kit-Part No. 491539. Included in Pump Repair Kit-Part No. 393397
860	261358		SPRING, Valve -Included in Pump Repair Kit-Part No. 393397. Included in Carburetor Kit-Part No. 491539
947	397266		SOLENOID, Fuel
955	397882		PLUG, Carburetor -(Solenoid Hole)

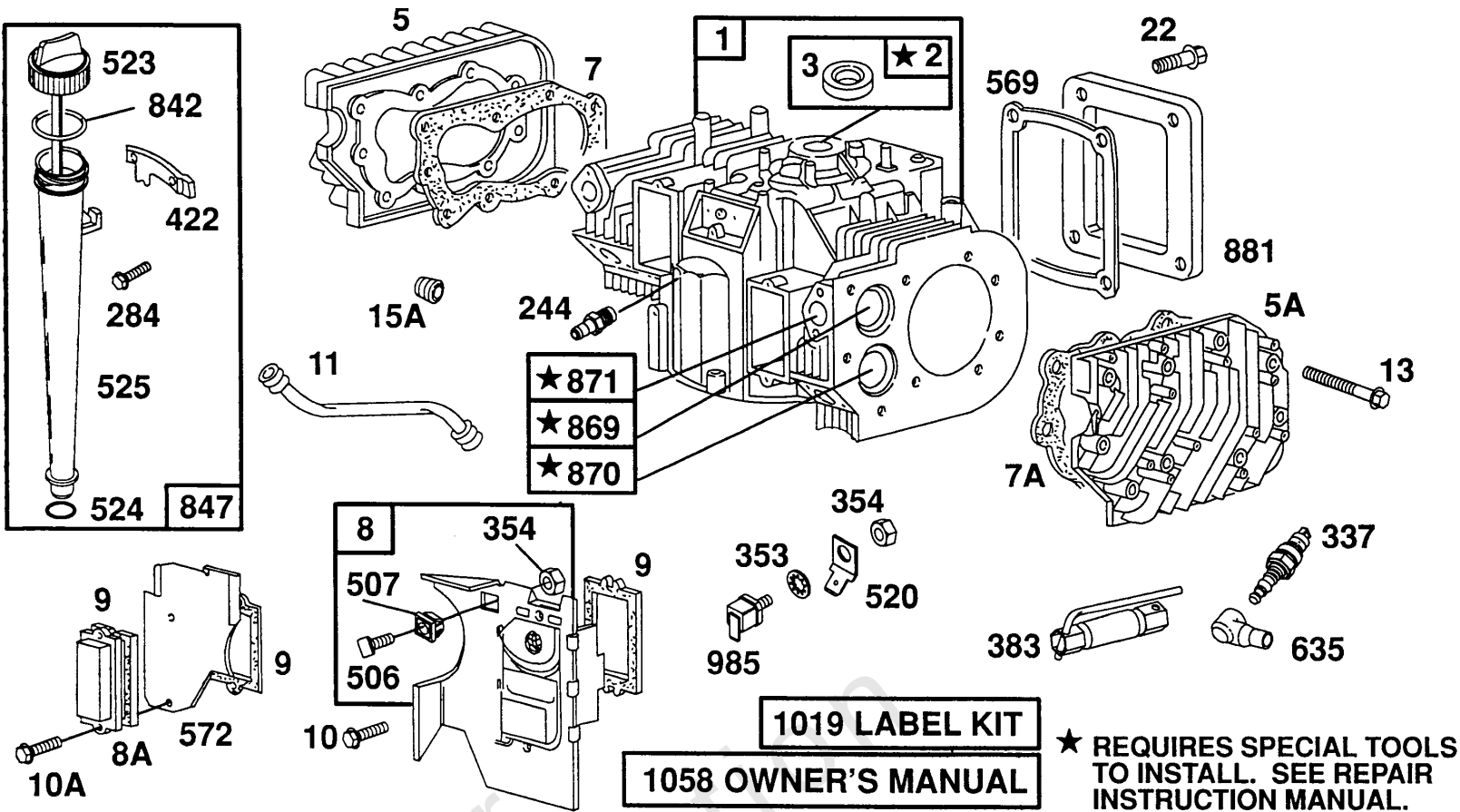
Footnotes:

Included in Carburetor Kit-Part No. 491539



Control Assemblies, Oil Fill

REF NO	PART NO	QTY	DESCRIPTION
201	262683		LINK, Mechanical Governor -Used After Code Date 89120300
201	493230		LINK, Throttle -Used Before Code Date 89120400
203A	490207		CRANK, Bell
206	94298		NUT, Governor Adjusting
207	262337		SPRING, Friction
209A	261563		SPRING, Governor -(Idle)
209	262351		SPRING, Governor
216	262375		LINK, Choke
222	491282		BRACKET, Control
224	94297		SCREW
227	491297		WIRE, Stop
229	222289		WASHER
258	94623		SCREW
259	223890		BRACKET, Choke Control
265A	22372		CLAMP, Casing
265	221535		CLAMP, Casing -(Stamped Steel)
267	93496		SCREW -(10-32 X 5/8)
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 and Cut to Required Length. (72)
270	63426		NUT -(Control Wire Casing)
271	290568		LEVER, Control
414	220680		WASHER
562	93853		BOLT -(Governor Lever)
592	92278		NUT -(Starting Switch)

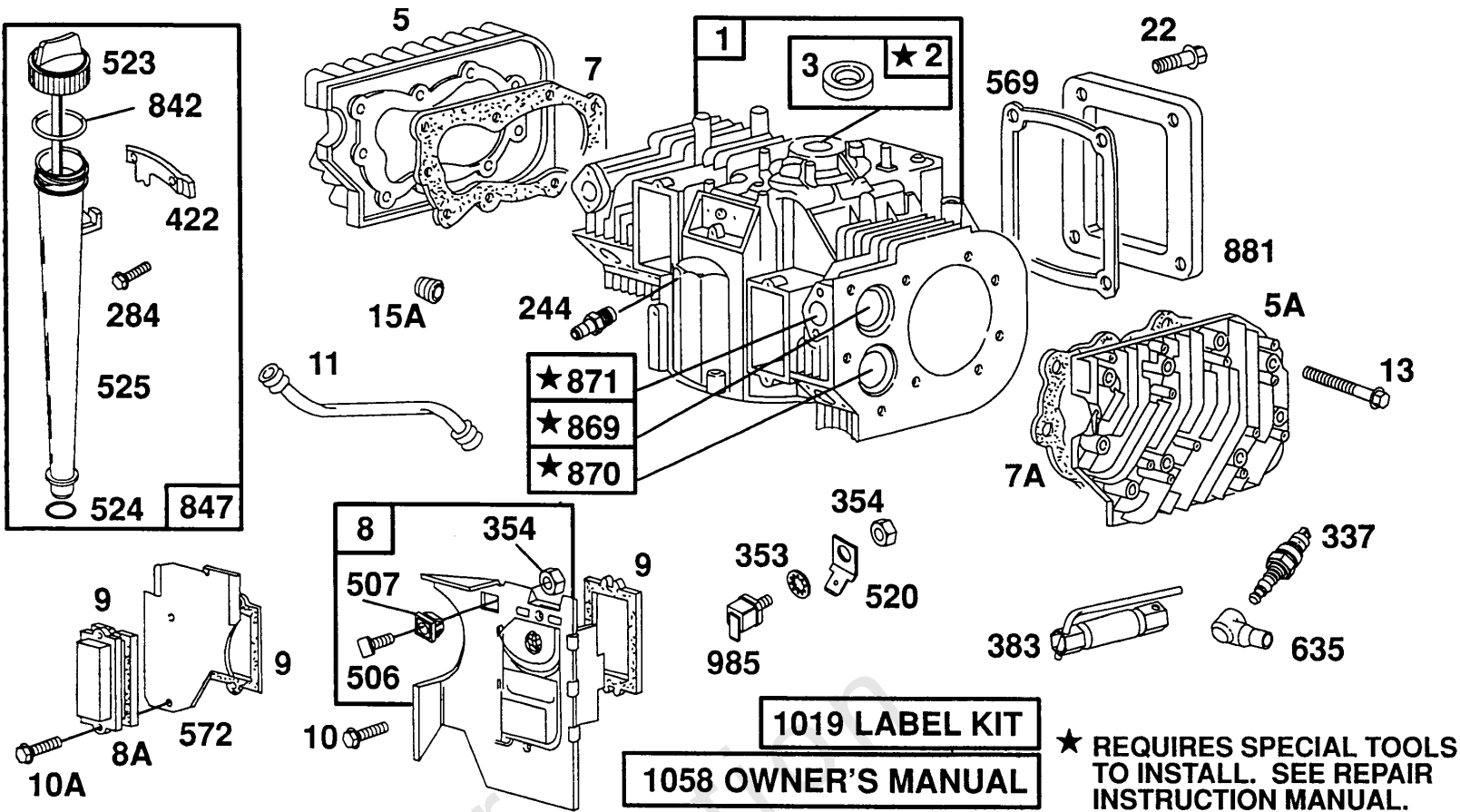


Cylinder, Cylinder Heads

REF NO	PART NO	QTY	DESCRIPTION
1	497074		CYLINDER ASSEMBLY -Used After Code Date 91080400
2	399265		KIT, Bushing/Seal -(Magneto Side)
3	391086		SEAL, Oil -Included in Gasket Set-Part No. 491856
5A	493458		HEAD, Cylinder -(Cylinder 2)
5	493457		HEAD, Cylinder -(Cylinder 1)
7A	271868		GASKET, Cylinder Head -(Cylinder 2) Included in Gasket Set-Part No. 491856
7	271867		GASKET, Cylinder Head -(Cylinder 1) Included in Gasket Set-Part No. 491856
8A	222892		COVER, Valve -(Cylinder 2)
8	398065		BREATHER ASSEMBLY
9	27803		GASKET, Rocker Cover -Included in Gasket Set-Part No. 491856
10A	94830		SCREW
10	94382		SCREW
11	280225		TUBE, Breather
13	94565		SCREW -(Cylinder Head) (3 9/16)
15A	94497		PLUG, Oil Drain -(1/8-27 NPTF Hex. Socket) (Impulse Pump Hole)
22	93882		SCREW
244	230318		CONNECTOR, Hose
284	94264		SCREW -(Casing Clamp)
337	394539		PLUG, Spark -(Resistor)
337	802592		PLUG, Spark -(Resistor)
353	92791		WASHER
354	90576		NUT -(Ground Terminal)
383	89838		WRENCH, Spark Plug
422	222875		BRACKET, Oil Fill
506	231174		TERMINAL, Ground
507	280180		INSULATOR
520	93722		TERMINAL, Ground
523	494947		DIPSTICK -Used Before Code Date 92071900
524	271157		SEAL, O-Ring -Included in Gasket Set-Part No. 491856
525	280224		TUBE, Dipstick -Used Before Code Date 92072000
525	495348		TUBE, Dipstick -Used After Code Date 92071900
569	272062		GASKET, Engine Base -Included in Gasket Set-Part No. 491856
572	224362		COVER, Rocker -(Cylinder 2) -Used Before Code Date 91080500

Footnotes:

Included in Gasket Set-Part No. 491856

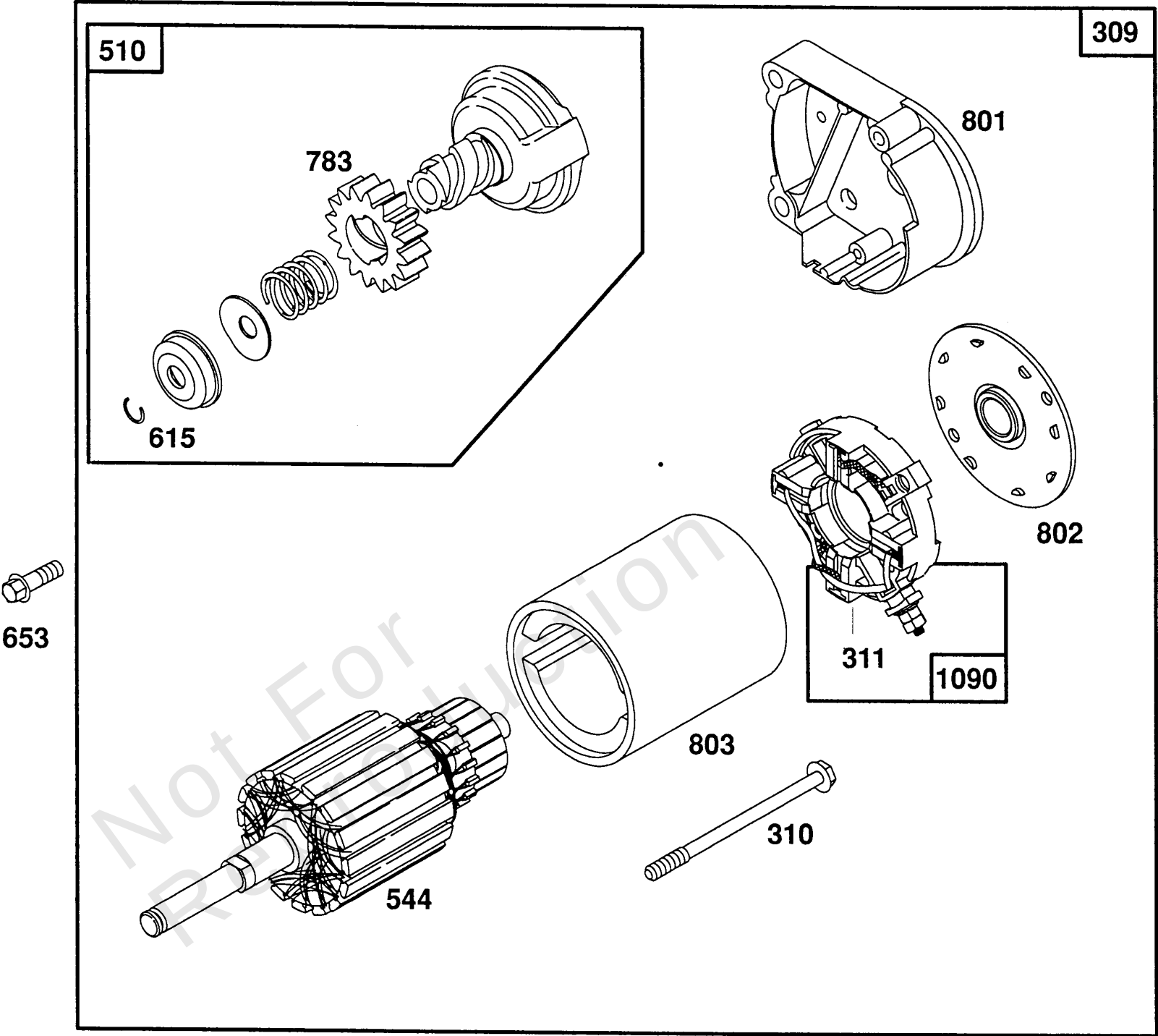


Cylinder,Cylinder Heads

REF NO	PART NO	QTY	DESCRIPTION
572	224580		COVER, Air Guide -(Cylinder 2) -Used After Code Date 91080400 and Before Code Date 94041100
572	224816		COVER, Rocker -(Cylinder 2) -Used After Code Date 94041000
635	66538		BOOT, Spark Plug
842	270920		SEAL, O-Ring -(Oil Fill) -Used After Code Date 92071900
842	271170		SEAL, O-Ring -Used Before Code Date 92072000
842	271170		SEAL, O-Ring -Used Before Code Date 92072000
847	394394		DIPSTICK/TUBE ASSEMBLY -Used Before Code Date 92072000
847	495715		DIPSTICK/TUBE ASSEMBLY -Used After Code Date 92071900
869	261463		SEAT, Valve -(Intake)
870	213316		SEAT, Valve -(Exhaust)
871	231218		BUSHING, Valve Guide -(Intake)
871	261961		BUSHING, Valve Guide -(Exhaust)
881	222860		COVER, Dust
985	398525		INSULATOR
1019	491261		KIT, Label
1058	272112		MANUAL, Operator's

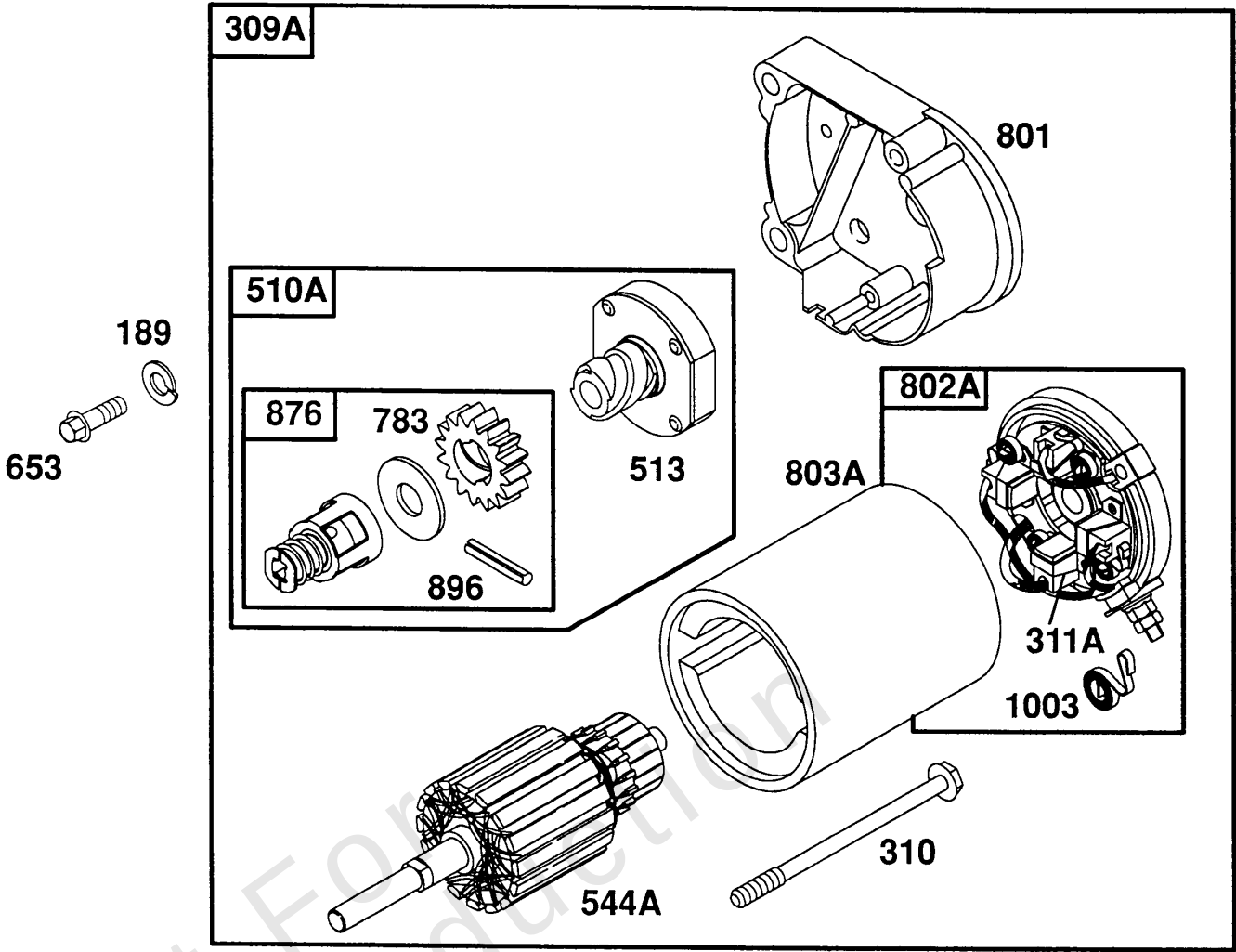
Footnotes:

Included in Gasket Set-Part No. 491856



Electric Starter

REF NO	PART NO	QTY	DESCRIPTION
309	497596		MOTOR, Starter -(3 5/8 Housing)
310	94003		SCREW -(3 5/8 Housing)
310	94004		SCREW -(4 3/8 Housing)
310	94169		SCREW -(4 1/2 Housing)
311	497608		SET, Brush
510	497606		DRIVE, Starter -(Includes 693058 And 693059 Starter Gear)
544	497603		ARMATURE, Starter -(3 5/8 Housing)
615	263080		RING, Retaining
615	94296		RETAINER, Governor Shaft
653	90366		WASHER
653	93585		SCREW -(Crankcase Cover)
653	93730		STUD
783	280104		GEAR, Pinion -(Briggs & Stratton 12V)
801	394860		CAP, End -(3-5/8 or 4 1/2 Housing)
802	497607		CAP, End
803	497604		HOUSING, Starter -(3 5/8 Housing)
1090	497605		RETAINER, Brush

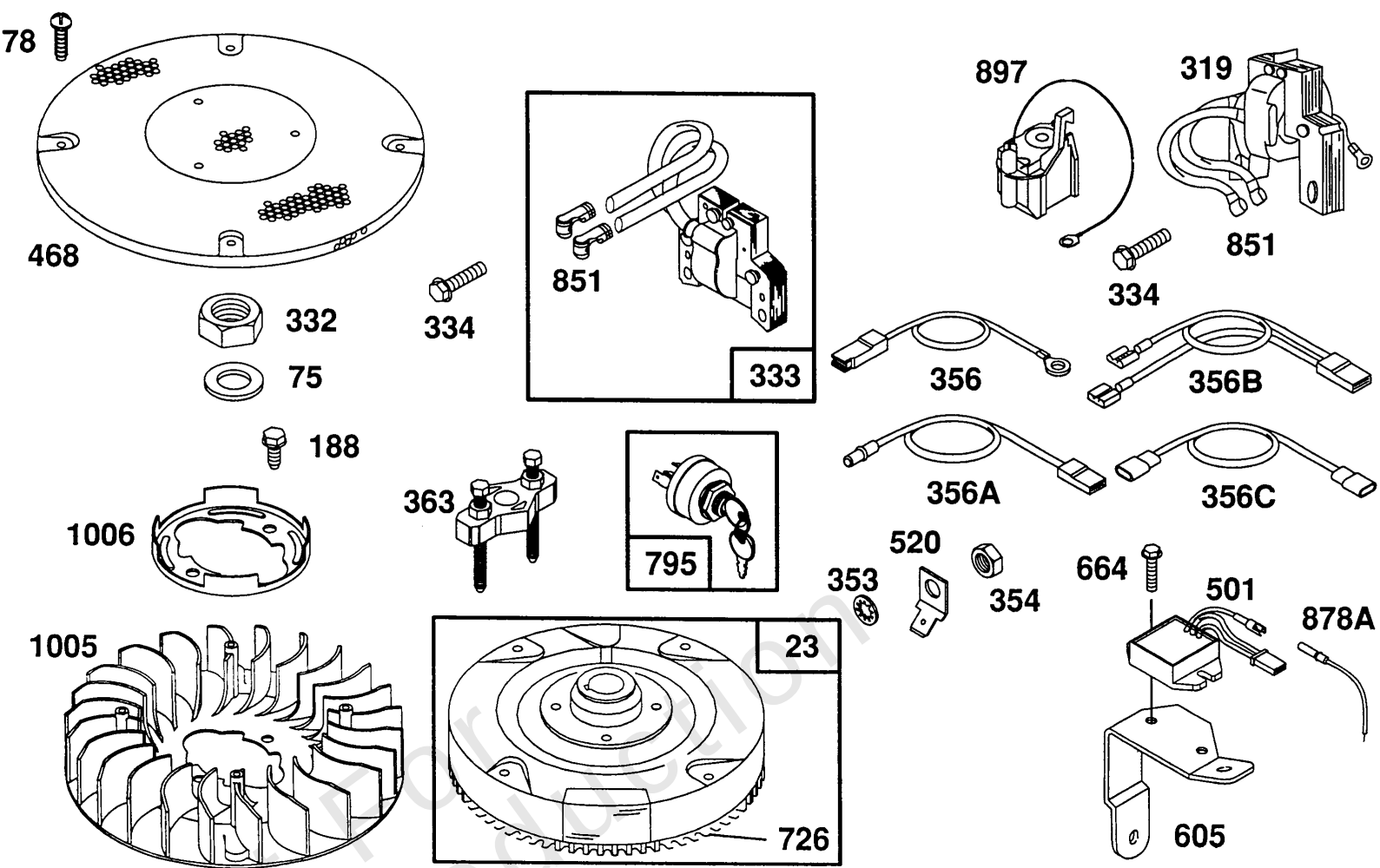


Electric Starter

REF NO	PART NO	QTY	DESCRIPTION
189	90366		WASHER
309A	394808		MOTOR, Starter -(3 5/8 Housing)
309A	495100		MOTOR, Starter -(4 3/8 Housing)
309A	399928		MOTOR, Starter -(4 1/2 Housing)
310	94003		SCREW -(3 5/8 Housing)
310	94004		SCREW -(4 3/8 Housing)
310	94169		SCREW -(4 1/2 Housing)
311A	492020		SET, Brush -(3 15/32 Housing)
311A	395538		SET, Brush -(3-5/8 or 4 3/8 Housing)
311A	490311		SET, Brush -(4 9/16 Housing)
510A	490421		DRIVE, Starter -(3-21/32 or 4 9/16 Housing)
513	398003		CLUTCH, Starter
544A	490309		ARMATURE, Starter -(4 9/16 or 4 3/8 Housing)
544A	390837		ARMATURE, Starter -(3 5/8 Housing)
653	90366		WASHER
653	93585		SCREW -(Crankcase Cover)
653	93730		STUD
783	280104		GEAR, Pinion -(Briggs & Stratton 12V)
801	394860		CAP, End -(3-5/8 or 4 1/2 Housing)
802A	395537		CAP, End -(3 5/8 Housing)
802A	490310		HOUSING, Brush End -(4 1/2 or 4 9/16 Housing)
802A	492022		CAP, End -(3 15/32 Housing)
802A	494988		CAP, End -(4 3/8 Housing)
803A	494205		HOUSING, Starter -(4 3/8 or 4 9/16 Housing)
803A	398159		HOUSING, Starter -(3 5/8 Housing)
803A	398892		HOUSING, Starter -(4 9/16 Housing)
876	490467		DRIVE, Starter -(Briggs & Stratton 12V)
896	94192		PIN, Drive Retainer
896	94288		PIN, Drive Retainer
1003	490316		SPRING, Brush -(4 1/2 or 4 9/16 Housing)

Footnotes:

Included in Carburetor Kit-Part No. 491539

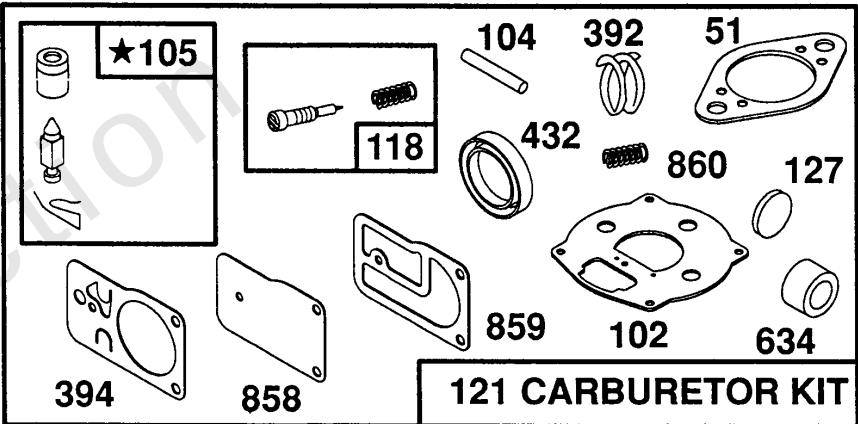
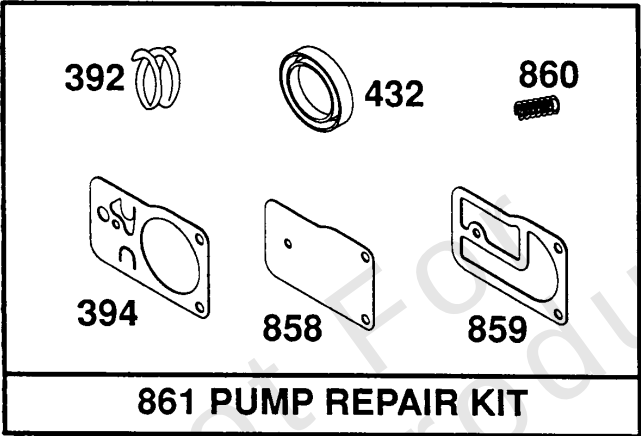
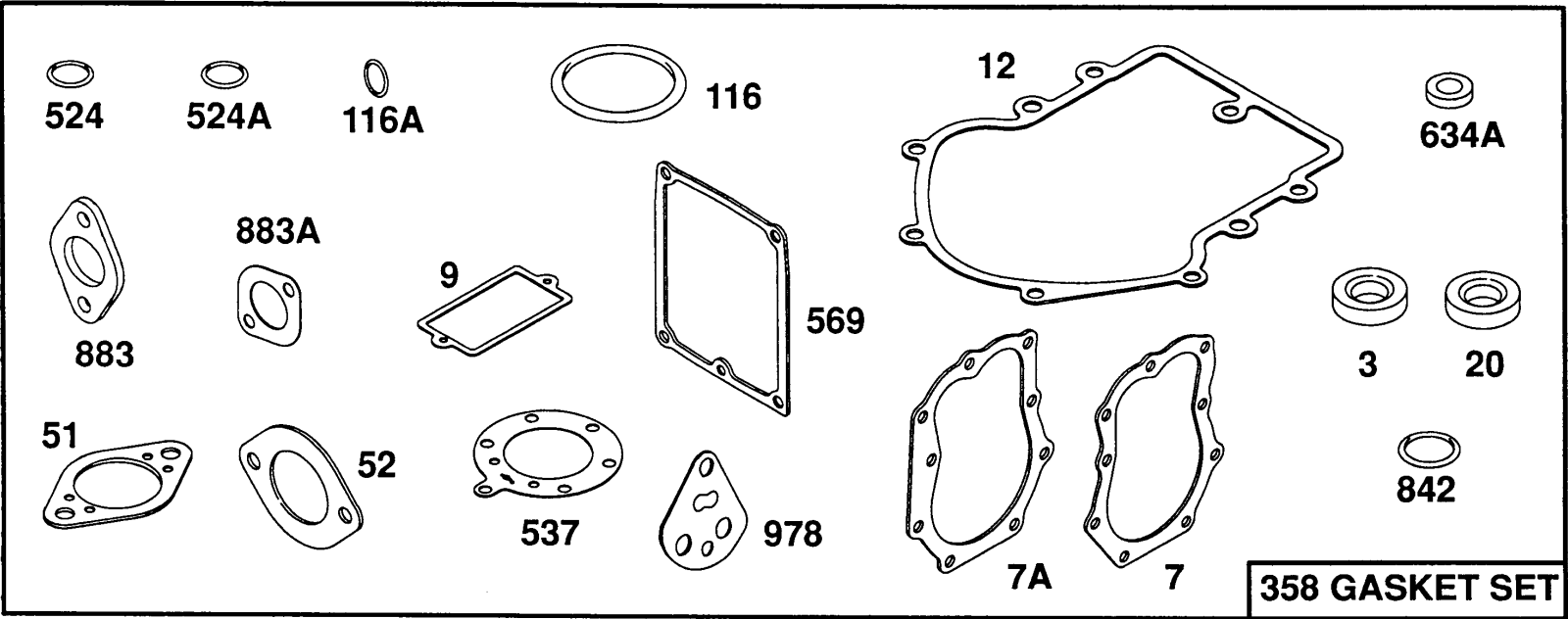


Flywheel,Fan,Misc Electrical

REF NO	PART NO	QTY	DESCRIPTION
23	491180		FLYWHEEL
75	222511		WASHER -(Spring)
78	94326		SCREW -(Tube)
188	94627		SCREW -(Fuel Tank)
319	394988		ARMATURE, Magneto
332	230674		NUT
333	394891		ARMATURE, Magneto -(Magnetron Ignition)
334	93381		SCREW
353	92791		WASHER
354	90576		NUT -(Ground Terminal)
356A	494705		WIRE, Stop
356B	491391		WIRE, Stop
356C	497480		WIRE, Stop
356	398708		WIRE, Stop
363	19203		PULLER, Flywheel
468	224521		SCREEN, Rotating
501	394890		REGULATOR -(10, 13, or 16 Amp, Depending on Size of Flywheel Magnets)
520	93722		TERMINAL, Ground
605	222959		BRACKET, Support
664	93343		SCREW -(Control Panel)
726	391362		GEAR, Ring -(Includes Mounting Hardware)
795	493625		SWITCH, Key -(Includes Keys) Include(s): 392832 Key Set
851	221798		TERMINAL, Spark Plug
878A	393422		WIRE ASSEMBLY -(Dc Only)
897	394970		KIT, Magnetron Ignition
1005	281053		FAN, Flywheel
1006	224413		RETAINER, Fan

Footnotes:

Included in Carburetor Kit-Part No. 491539



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

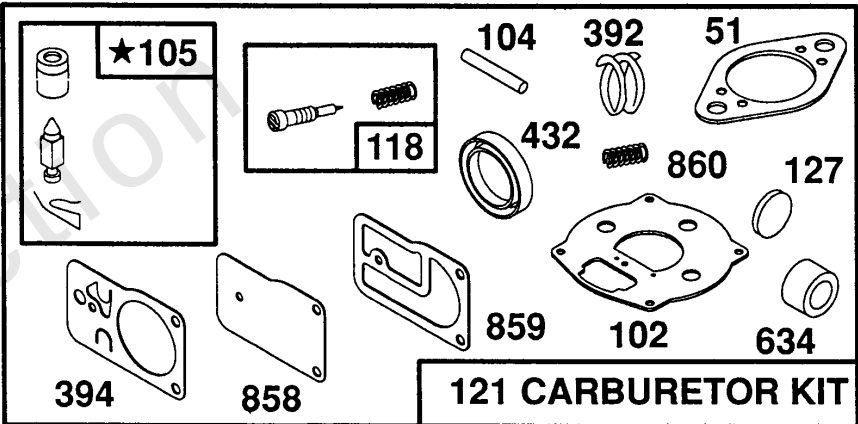
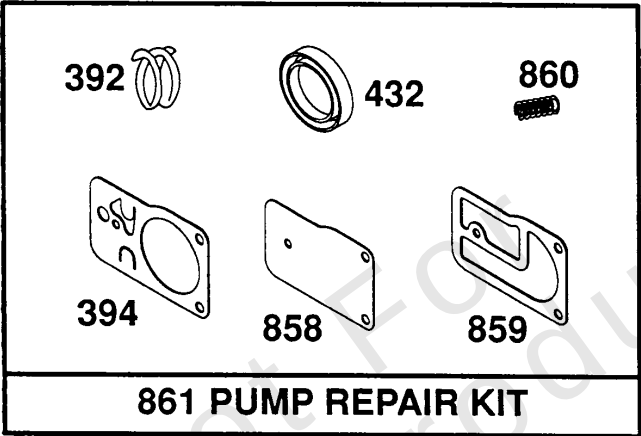
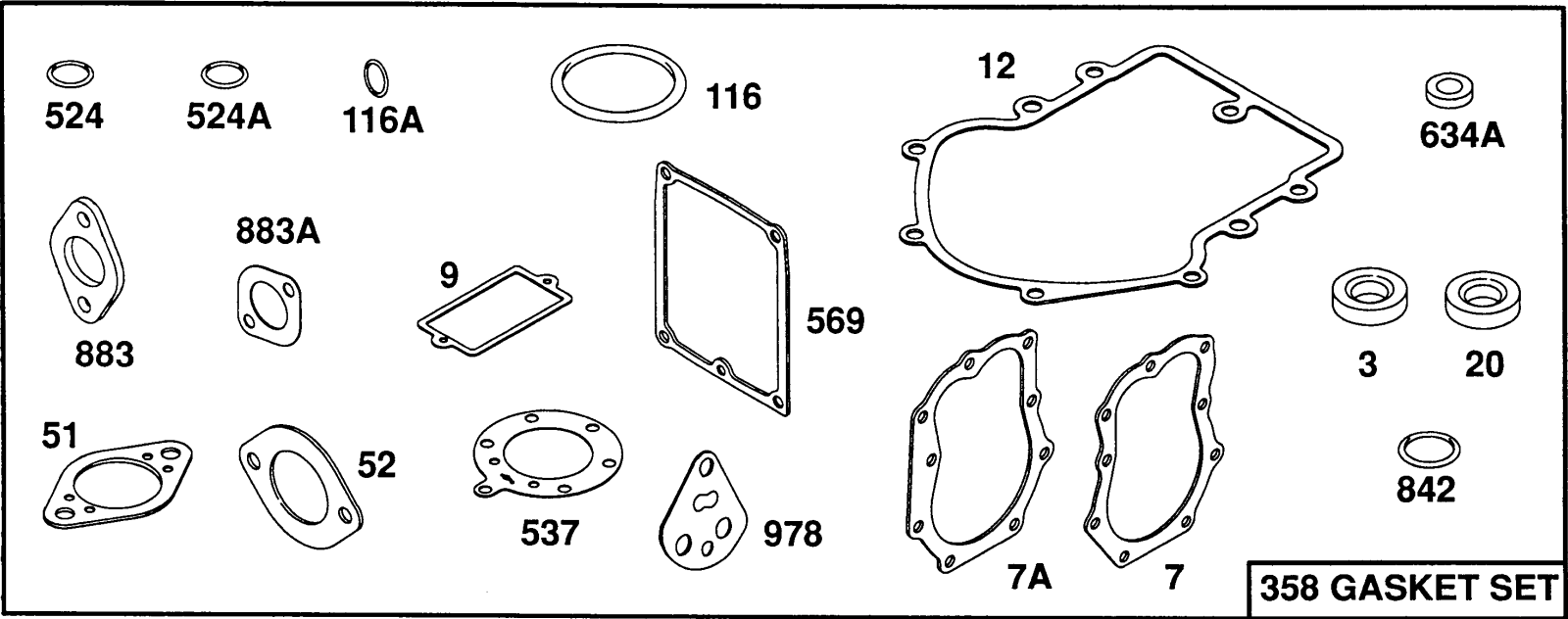
Gasket Sets

REF NO	PART NO	QTY	DESCRIPTION
3	391086		SEAL, Oil -Included in Gasket Set-Part No. 491856
7A	271868		GASKET, Cylinder Head -(Cylinder 2) Included in Gasket Set-Part No. 491856
7	271867		GASKET, Cylinder Head -(Cylinder 1) Included in Gasket Set-Part No. 491856
9	27803		GASKET, Rocker Cover -Included in Gasket Set-Part No. 491856
12	271188		GASKET, Crankcase -(.005) Included in Gasket Set-Part No. 491856
12	271189		GASKET, Crankcase -(.009) Included in Gasket Set-Part No. 491856
12	271703		GASKET, Crankcase -(.015) Included in Gasket Set-Part No. 491856
20	291675		SEAL, Oil -(Crankcase Cover) Included in Gasket Set-Part No. 491856
51	271412		GASKET, Intake -Included in Gasket Set-Part No. 491856. Included in Carburetor Kit-Part No. 491539
52	270884		GASKET, Intake -Included in Gasket Set-Part No. 491856
102	271607		GASKET, Carburetor Body -Included in Carburetor Kit-Part No. 491539
102	271609		GASKET, Carburetor Body -Used Before Code Date 93070100
104	230896		PIN, Float Hinge -Included in Carburetor Kit-Part No. 491539
105	394683		KIT, Needle/Seat -(Pump Feed) Included in Carburetor Kit-Part No. 491539
116A	280474		SEAL, O-Ring -Included in Gasket Set-Part No. 491856
116	280801		SEAL, O-Ring -(Oil Pump Cover) Included in Gasket Set-Part No. 491856
118	491538		VALVE, Idle Mixture -Included in Carburetor Kit-Part No. 491539
121	491539		CARBURETOR
127	223472		PLUG, Welch -Included in Carburetor Kit-Part No. 491539
358	495868		GASKET SET, Engine
392	261395		SPRING, Pump Diaphragm -Included in Carburetor Kit-Part No. 491539. Included in Pump Repair Kit-Part No. 393397
392	261395		SPRING, Pump Diaphragm -Included in Pump Repair Kit-Part No. 393397. Included in Carburetor Kit-Part No. 491539
394	270988		DIAPHRAGM, Carburetor -Included in Pump Repair Kit-Part No. 393397. Included in Carburetor Kit-Part No. 491539
394	272638		DIAPHRAGM, Carburetor -Included in Carburetor Kit-Part No. 491539. Included in Pump Repair Kit-Part No. 393397
432	221377		CAP, Spring -Included in Pump Repair Kit-Part No. 393397. Included in Carburetor Kit-Part No. 491539

Footnotes:

Included in Gasket Set-Part No. 491856

Included in Carburetor Kit-Part No. 491539



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

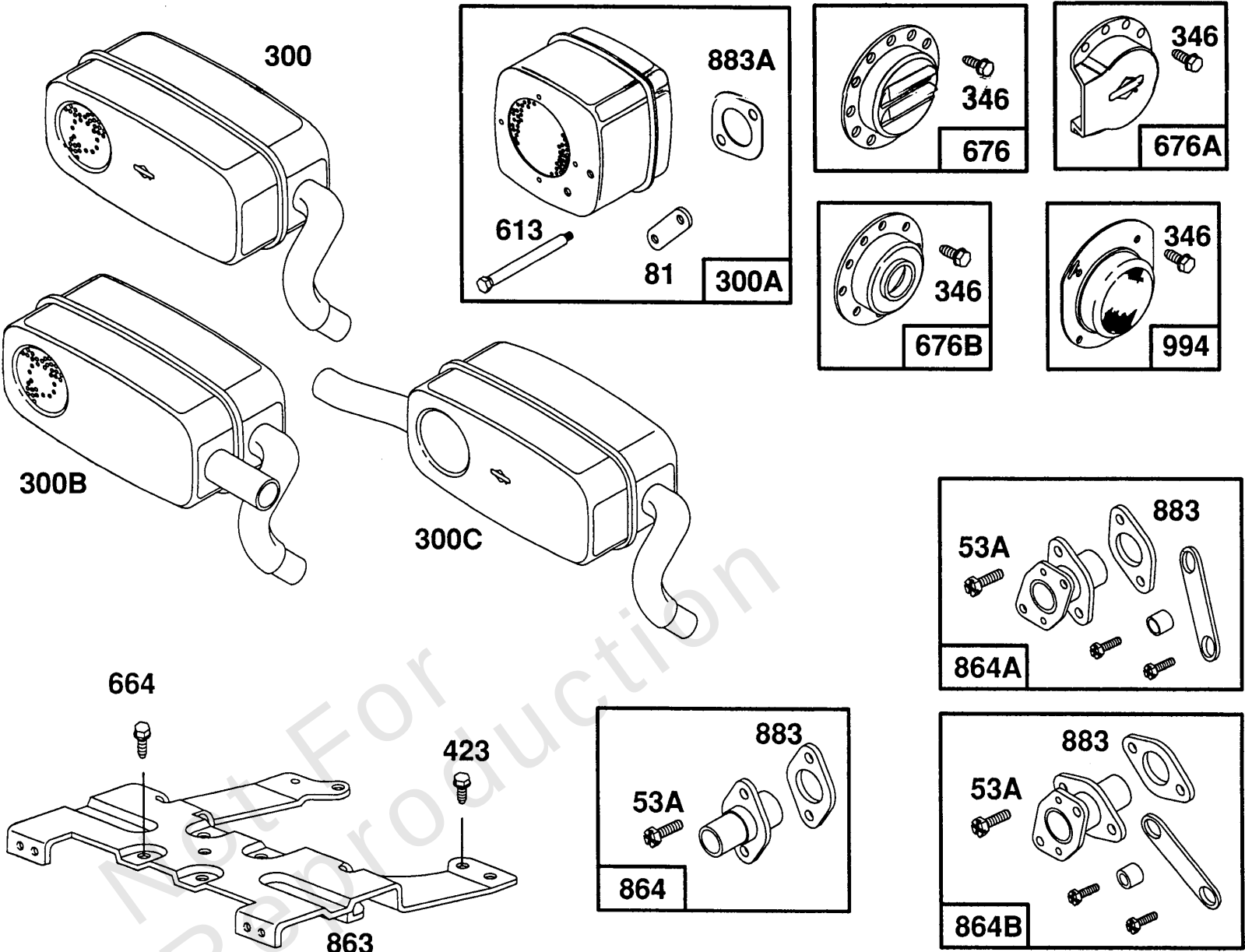
Gasket Sets

REF NO	PART NO	QTY	DESCRIPTION
432	221377		CAP, Spring -Included in Carburetor Kit-Part No. 491539. Included in Pump Repair Kit-Part No. 393397
524A	271485		SEAL, O-Ring -(Oil Fill) Included in Gasket Set-Part No. 491856
524	271157		SEAL, O-Ring -Included in Gasket Set-Part No. 491856
537	271411		GASKET, Air Cleaner -Included in Gasket Set-Part No. 491856. Included in Carburetor Kit-Part No. 491539
569	272062		GASKET, Engine Base -Included in Gasket Set-Part No. 491856
634A	271013		WASHER, Sealing -(Foam) Included in Carburetor Kit-Part No. 491539
634	491287		SEAL, Governor Shaft -Included in Gasket Set-Part No. 491856
842	270920		SEAL, O-Ring -(Oil Fill) -Used After Code Date 92071900
842	271170		SEAL, O-Ring -Used Before Code Date 92072000
842	271170		SEAL, O-Ring -Used Before Code Date 92072000
858	270989		DIAPHRAGM, Carburetor -Included in Pump Repair Kit-Part No. 393397. Included in Carburetor Kit-Part No. 491539
858	270989		DIAPHRAGM, Carburetor -Included in Carburetor Kit-Part No. 491539. Included in Pump Repair Kit-Part No. 393397
859	271025		GASKET, Carburetor Pump -Included in Carburetor Kit-Part No. 491539. Included in Pump Repair Kit-Part No. 393397
859	271025		GASKET, Carburetor Pump -Included in Pump Repair Kit-Part No. 393397. Included in Carburetor Kit-Part No. 491539
860	261358		SPRING, Valve -Included in Pump Repair Kit-Part No. 393397. Included in Carburetor Kit-Part No. 491539
860	261358		SPRING, Valve -Included in Carburetor Kit-Part No. 491539. Included in Pump Repair Kit-Part No. 393397
861	393397		KIT, Fuel Pump -(Used On 3 Screw Fuel Pump Mount Carburetors)
883A	272293		GASKET, Exhaust -Included in Gasket Set-Part No. 491856
883	272250		GASKET, Exhaust -Included in Gasket Set-Part No. 491856
978	272060		GASKET, Oil Adapter -Included in Gasket Set-Part No. 491856

Footnotes:

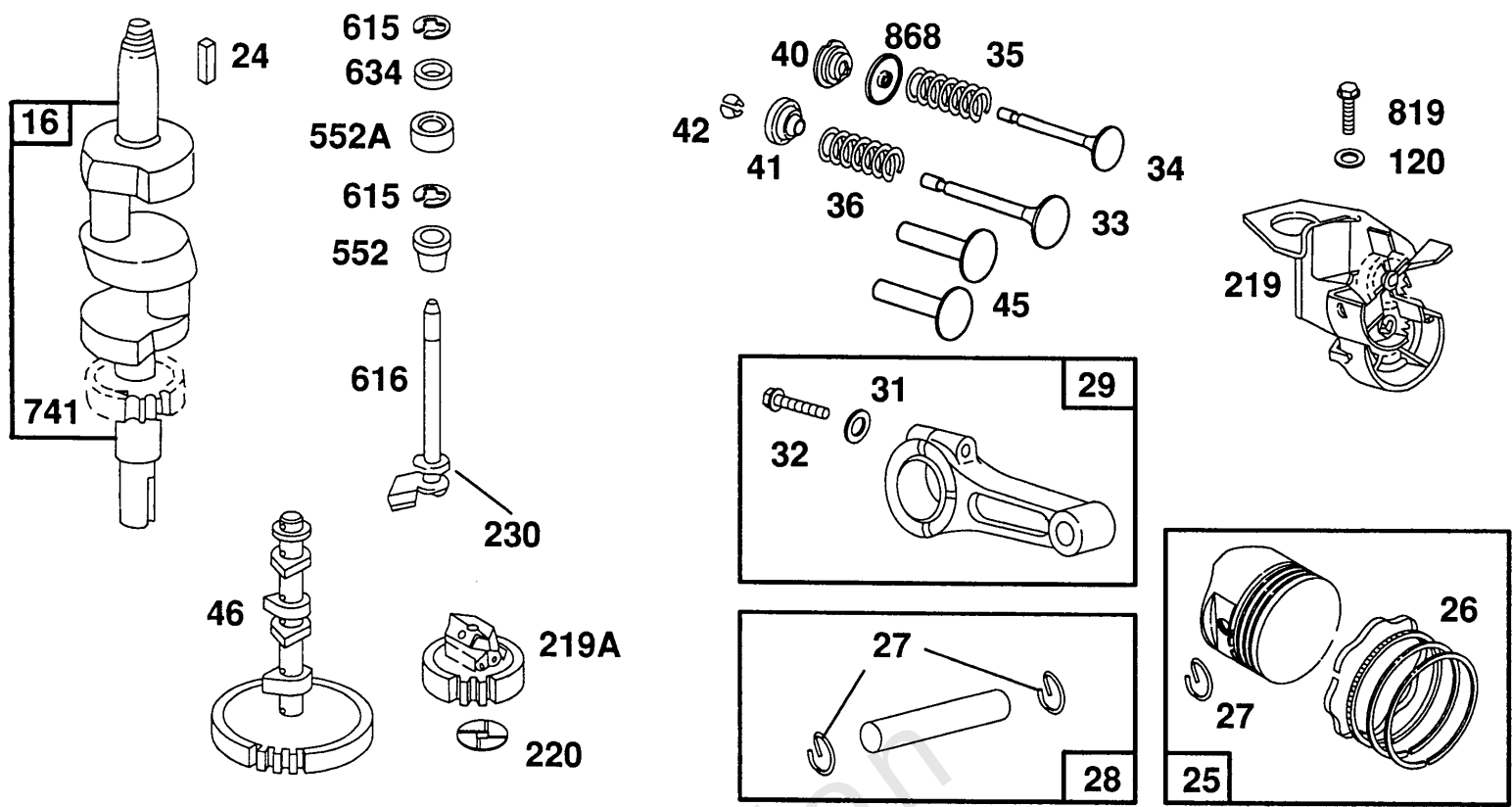
Included in Gasket Set-Part No. 491856

Included in Carburetor Kit-Part No. 491539



Mufflers Groups, Deflectors

REF NO	PART NO	QTY	DESCRIPTION
53A	93415		SCREW -(1/4-20 X 3/4)
81	223016		LOCK, Muffler Screw
300B	494436		MUFFLER -(Super Lo Tone)
300C	495898		MUFFLER
300A	399635		MUFFLER -(Square Lo Tone)
300	491319		MUFFLER
346	93705		SCREW -(8-32 X 3/8)
423	93876		SCREW
613	93927		SCREW -(Muffler)
664	93343		SCREW -(Control Panel)
676A	393761		DEFLECTOR, Muffler -(Side Outlet)
676B	396903		DEFLECTOR, Muffler
676	397630		DEFLECTOR, Muffler -(Louvered Outlet)
863	224007		BRACKET, Muffler
864A	490358		ADAPTER, Muffler -(Cylinder 1)
864	398349		LINER, Port
883A	272293		GASKET, Exhaust -Included in Gasket Set-Part No. 491856
883	272250		GASKET, Exhaust -Included in Gasket Set-Part No. 491856
994	392390		ARRESTOR, Spark

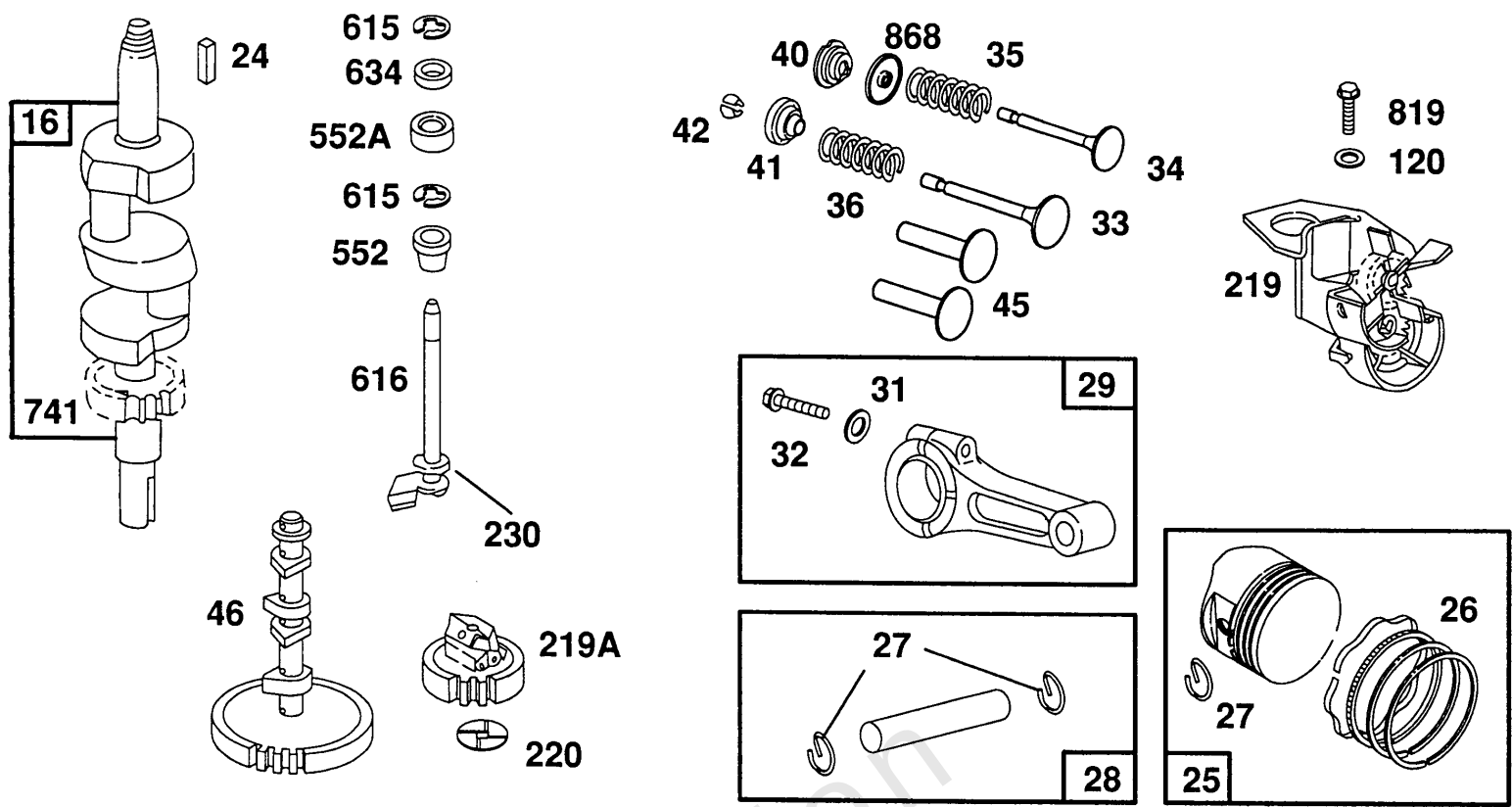


Piston Group, Gears

REF NO	PART NO	QTY	DESCRIPTION
16	393382		CRANKSHAFT -For Timing Gear Key-Order Part No. 94196
24	222698		KEY, Flywheel
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)
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	393270		ROD, Connecting -(Standard)
29	393714		ROD, Connecting -(.020 Undersize)
31	220863		WASHER -(1/4 X 5/8 X 1/32) -Used Before Code Date 92083100
32	92909		SCREW -Used Before Code Date 92083100
32	94671		SCREW -Used After Code Date 92083000
33	390420		VALVE, Exhaust -(Includes Retainer(s))
34	261528		VALVE, Intake
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)
45	261368		TAPPET, Valve
46	213520		CAMSHAFT
120	92290		WASHER
219A	394348		GEAR, Governor
219	393415		GEAR, Governor
220	222773		WASHER, Thrust
230	223882		WASHER

Footnotes:

Included in Carburetor Kit-Part No. 491539



Piston Group, Gears

REF NO	PART NO	QTY	DESCRIPTION
552A	262331		BUSHING, Governor Crank -(Upper)
552	262332		BUSHING, Governor Crank -(Lower)
615	263080		RING, Retaining
615	94296		RETAINER, Governor Shaft
616	491530		CRANK, Governor
634	491287		SEAL, Governor Shaft -Included in Gasket Set-Part No. 491856
741	262694		GEAR, Timing
819	94675		SCREW
868	393606		SEAL, Valve

Not For
Reproduction

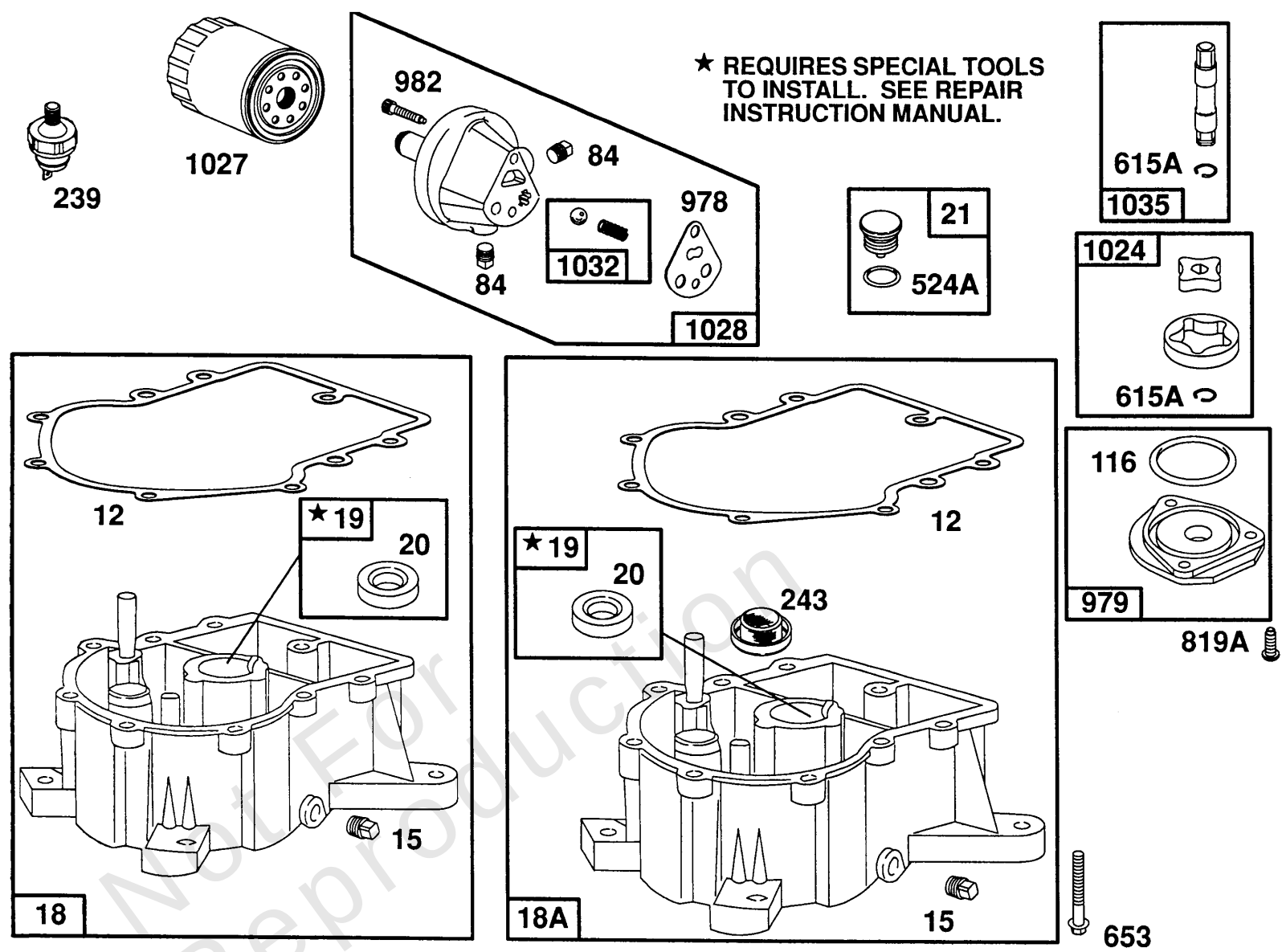
Footnotes:

Included in Carburetor Kit-Part No. 491539

Replacement Engine - US & Canada

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

Not For Reproduction



Sump Bases, Oil Pump

REF NO	PART NO	QTY	DESCRIPTION
12	271188		GASKET, Crankcase -(.005) Included in Gasket Set-Part No. 491856
12	271189		GASKET, Crankcase -(.009) Included in Gasket Set-Part No. 491856
12	271703		GASKET, Crankcase -(.015) Included in Gasket Set-Part No. 491856
15	94239		PLUG, Oil Drain -(Square Head)
15	94613		PLUG, Oil Drain -(Flush)
18A	492575		SUMP, Engine
18	493304		SUMP, Engine -(Splash Lube)
19	399264		KIT, Bushing/Seal -(PTO Side)
20	291675		SEAL, Oil -(Crankcase Cover) Included in Gasket Set-Part No. 491856
21	399195		PLUG, Oil -(High Oil Fill)
84	91488		PLUG -(1/8)
116	280801		SEAL, O-Ring -(Oil Pump Cover) Included in Gasket Set-Part No. 491856
239	491657		SWITCH, Oil Pressure
243	491722		SCREEN, Oil Pump
524A	271485		SEAL, O-Ring -(Oil Fill) Included in Gasket Set-Part No. 491856
615A	94400		RING, Retaining
653	90366		WASHER
653	93585		SCREW -(Crankcase Cover)
653	93730		STUD
819A	94410		SCREW
978	272060		GASKET, Oil Adapter -Included in Gasket Set-Part No. 491856
979	492197		COVER, Oil Pump
982	94362		SCREW
1024	492196		PUMP, Oil
1027	491056		FILTER-OIL -(3-1/4)
1028	491721		ADAPTER, Oil Filter
1028	492675		ADAPTER, Remote Oil Filter
1032	491710		SPRING, Compression
1035	492589		SHAFT, Pump

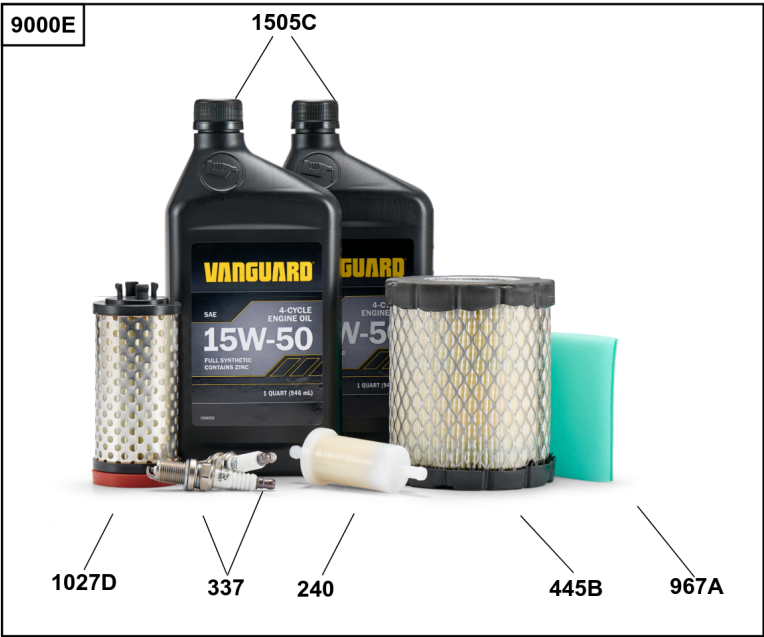
Footnotes:

Included in Carburetor Kit-Part No. 491539



Model 40, 44 & 49 Engine Accessories Catalog

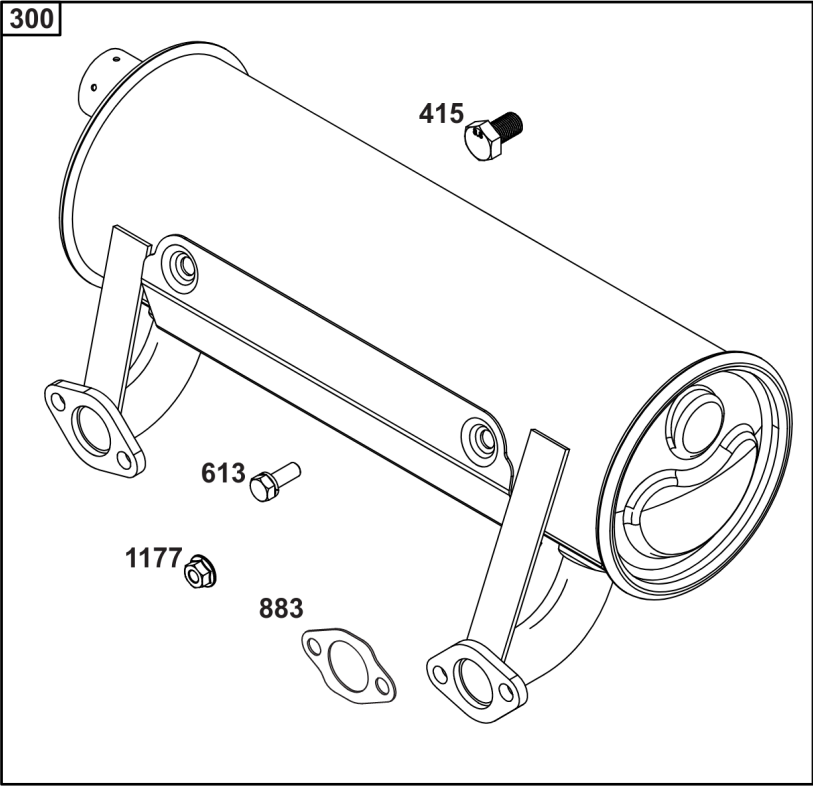
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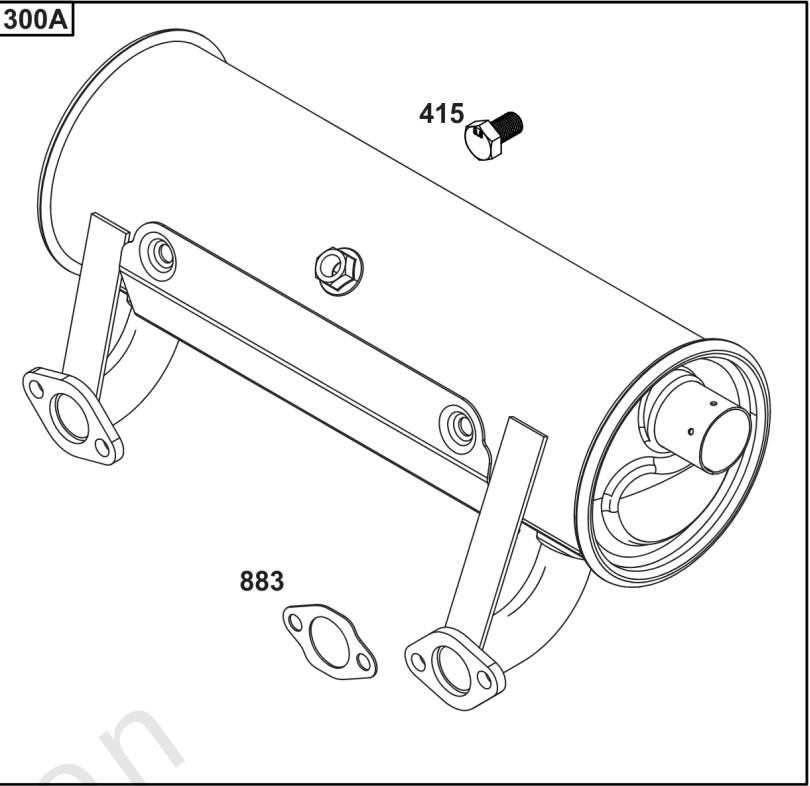
Maintenance Kits

REF NO	PART NO	QTY	DESCRIPTION
9000	84002442		KIT, Maintenance -(Intek / EXi V-Twin Engines) (Do not use with Home Standby Generators.)
9000A	84002317		KIT, Maintenance -(Professional Series™ V-Twin Engines) (Do not use with Home Standby Generators.)
9000B	84002316		KIT, Maintenance -(Commercial Series V-Twin Engines) (Do not use with Home Standby Generators.)
9000C	84002318		KIT, Maintenance -(Oil Guard™ Engines) (Do not use with Home Standby Generators.)
9000D	84002315		KIT, Maintenance -(Non-Oil Guard™ Engines) (Do not use with Home Standby Generators.)
9000E	84007695		KIT, Maintenance -Commercial - CXi V-Twin Engines (Do not use with Home Standby Generators.)
240	84001895	1	FILTER, Fuel -(40 Micron)
240A	845125	1	FILTER, Fuel -(20 Micron)
337	491055S	2	PLUG, Spark
337A	496018S	2	PLUG, Spark
445	594201	1	FILTER, A/C Cartridge
445A	792105	1	FILTER, A/C Cartridge
445B	798897	1	FILTER, A/C Cartridge
445C	841497	1	FILTER, A/C Cartridge
967	797704	1	FILTER, Pre Cleaner
967A	593217	1	FILTER, Pre Cleaner
1027	492932S	1	FILTER, Oil -(Standard)
1027A	696854	1	FILTER, Oil -(Premium)
1027B	842921	1	FILTER, Oil -(Vanguard®)
1027C	84007094	1	FILTER, Oil -(Oil Guard™)
1027D	84007055	1	FILTER, Oil -(Oil Xtend™)
1505	100005		OIL-4 CYCLE 30W 18OZ. -(18 oz. Bottle)
1505A	100028		OIL-4 CYCLE 30W 48OZ -(48 oz. Bottle)
1505B	100170		OIL-5QT VANGUARD (CASE) -(5 qt. Bottle)
1505C	100169		OIL-1QT VANGUARD (CASE) -(1 qt. Bottle)

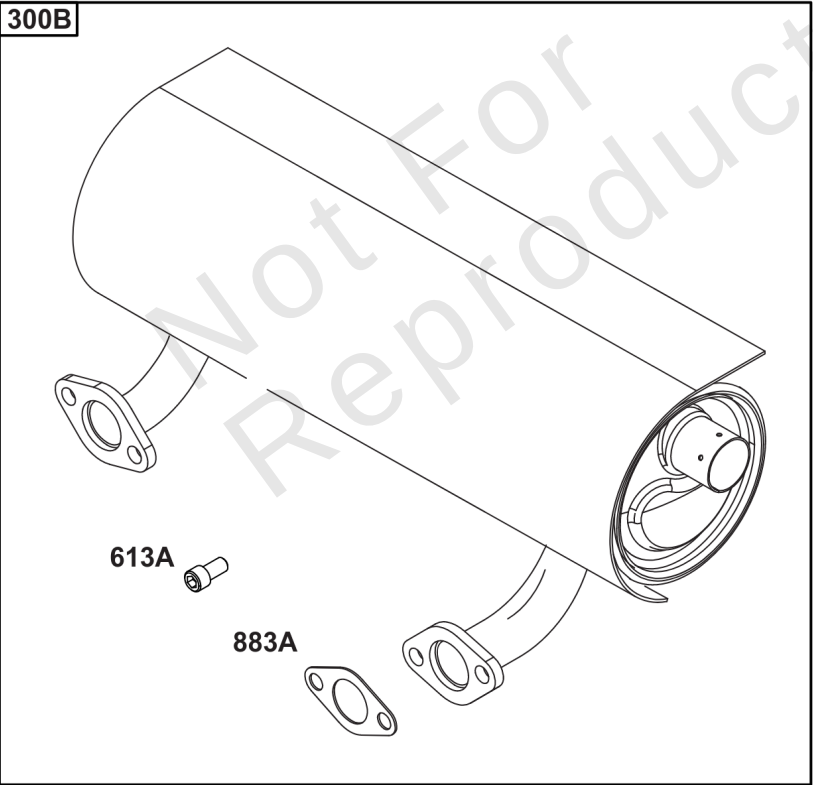
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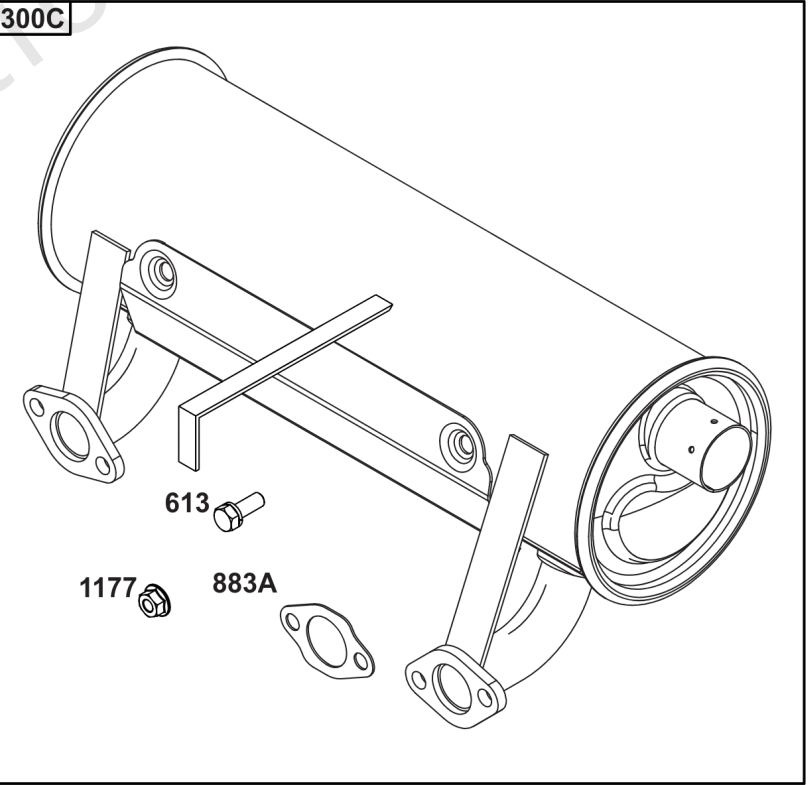
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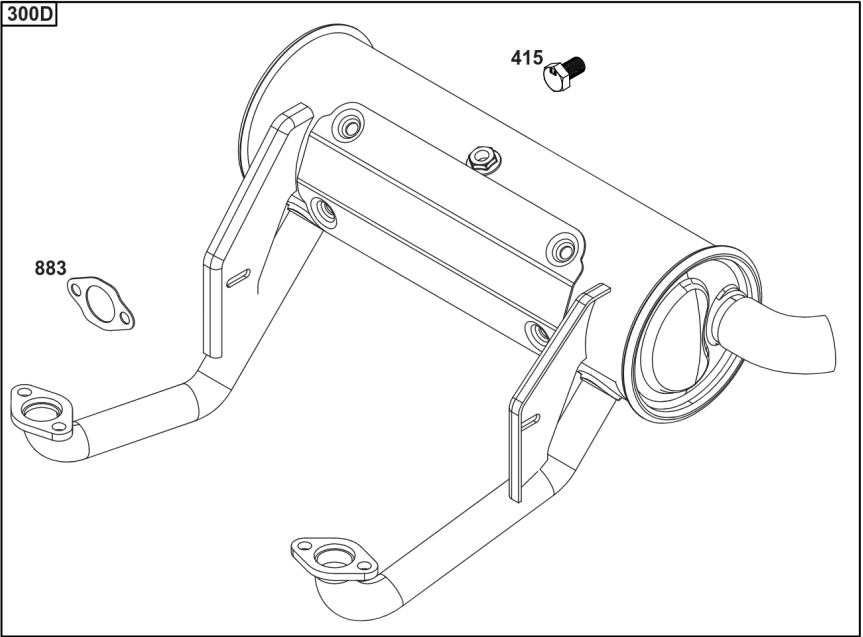
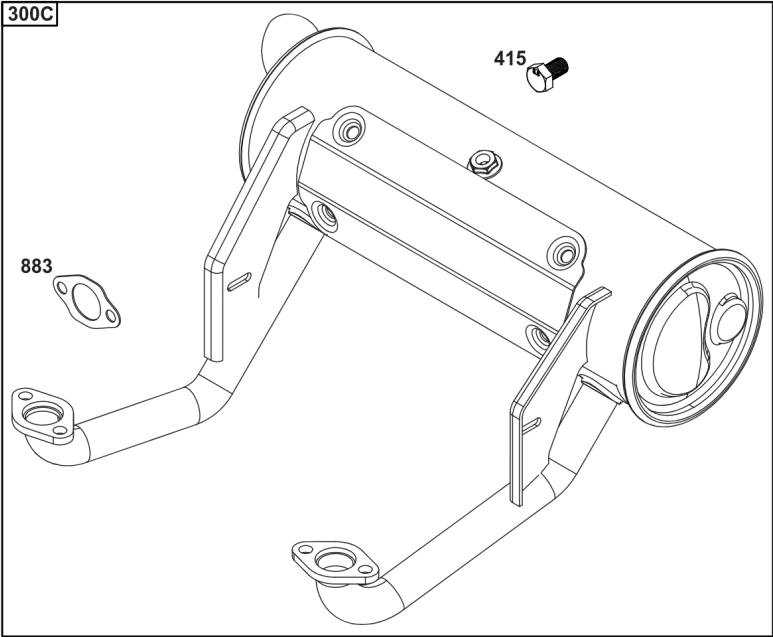


300C



Engine Mounted Below Deck Mufflers

REF NO	PART NO	QTY	DESCRIPTION
300	594584	1	KIT-MUFFLER/GUARD -(Oil Filter Side Outlet) (Engine Supported) (O2 Sensor Port)
300A	593877	1	MUFFLER -(Starter Side Outlet) (Engine Supported) (O2 Sensor Port)
300B	594583	1	MUFFLER -(Starter Side Outlet) (Engine Supported) (No O2 Sensor Port)
300C	692120	1	MUFFLER -(Starter Side Outlet) (No O2 Sensor Port)
415	596859	1	PLUG -(O2 Sensor Port)
613	690341	4	SCREW -(Muffler)
613A	690363	4	SCREW -(Muffler)
883	594365	2	GASKET, Exhaust
883A	690970	2	GASKET, Exhaust
1177	690941	4	NUT -(Muffler)



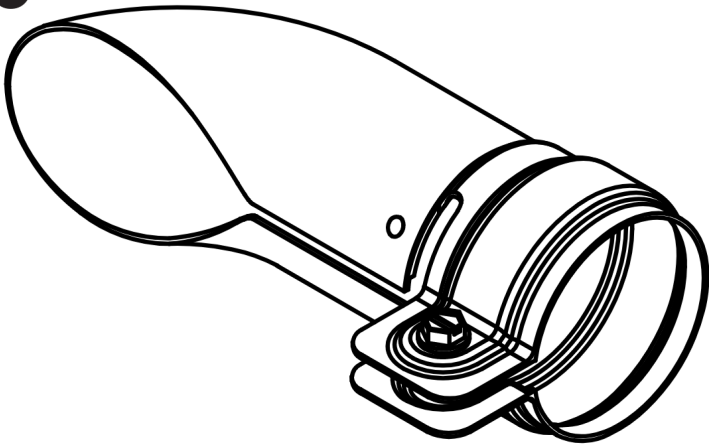
Not For
Reproduction

Engine Mounted Above Deck Mufflers

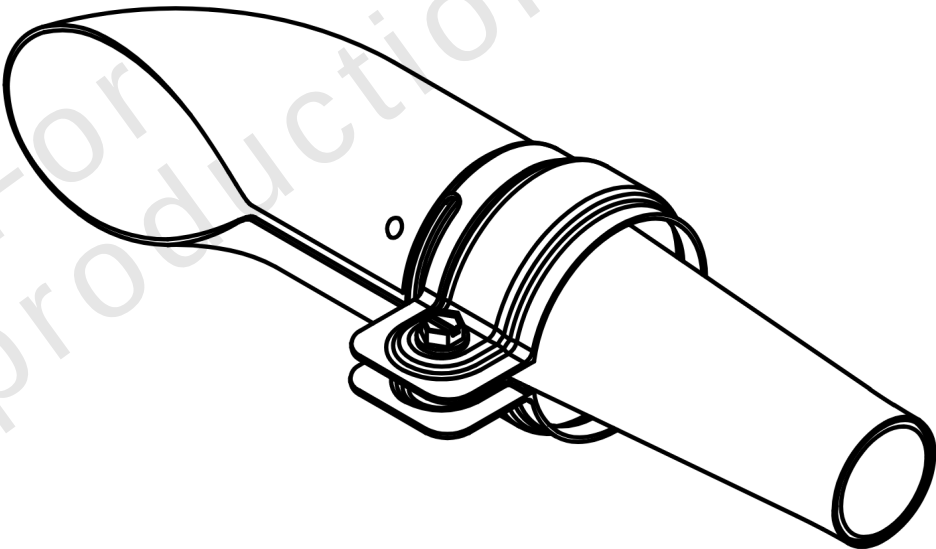
REF NO	PART NO	QTY	DESCRIPTION
300C	595138	1	MUFFLER -(Oil Filter Side Outlet) (Self-Supporting) (O2 Sensor Port)
300D	595139	1	MUFFLER -(Starter Side Outlet) (Self-Supporting) (O2 Sensor Port)
415	596859	1	PLUG -(O2 Sensor Port)
883	594365	2	GASKET, Exhaust

Not For Reproduction

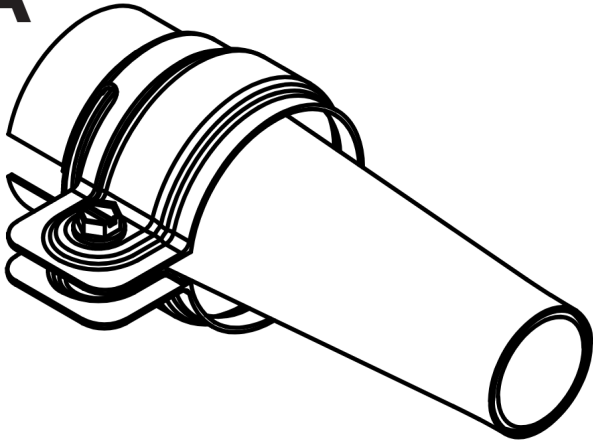
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994



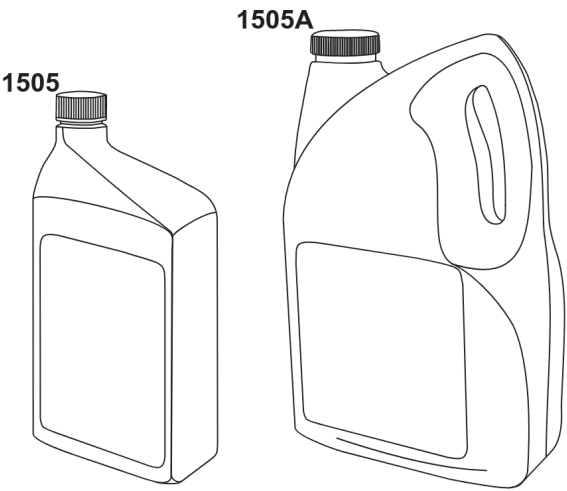
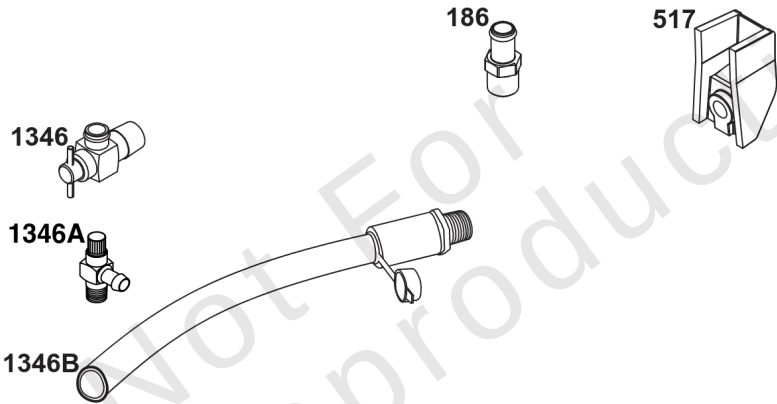
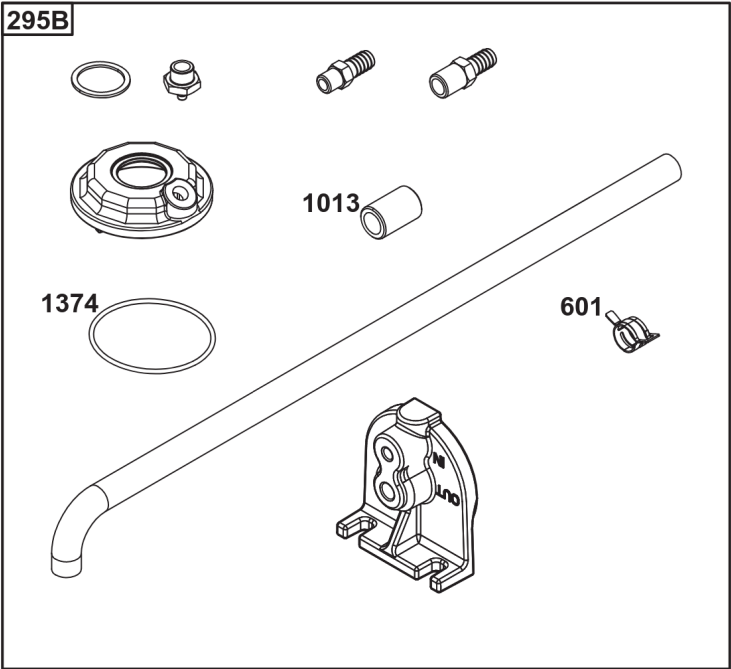
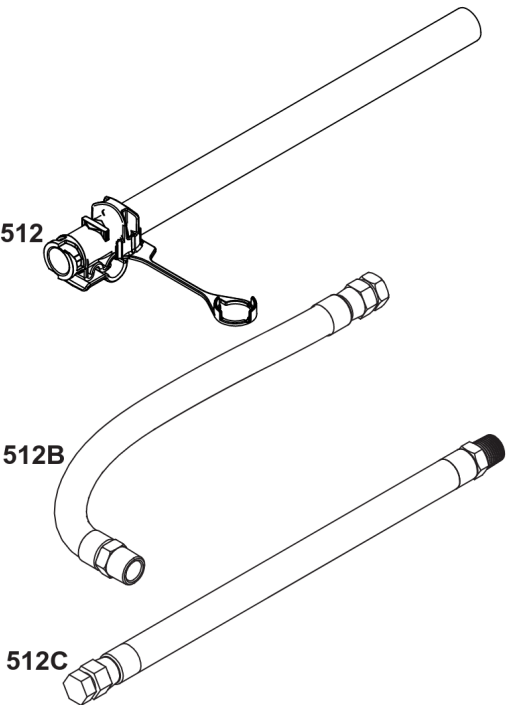
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Spark Arrester/Deflector

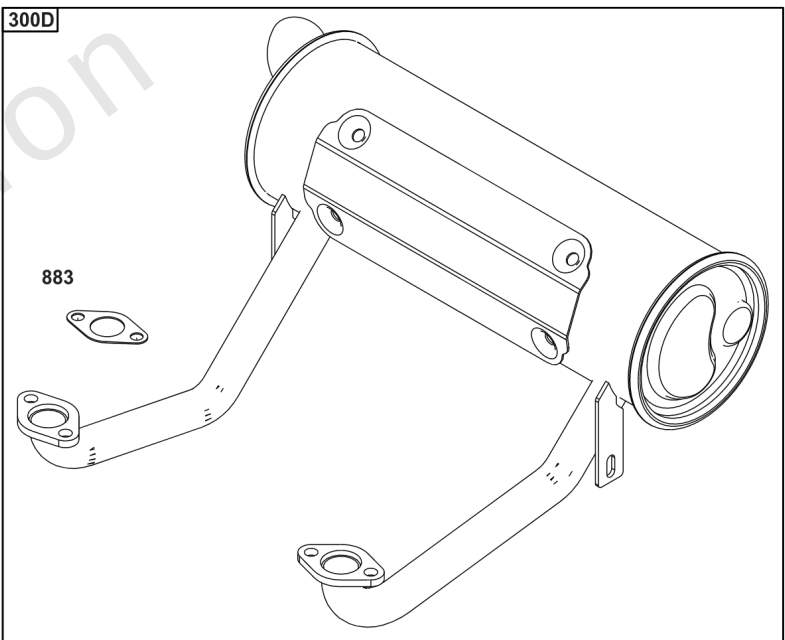
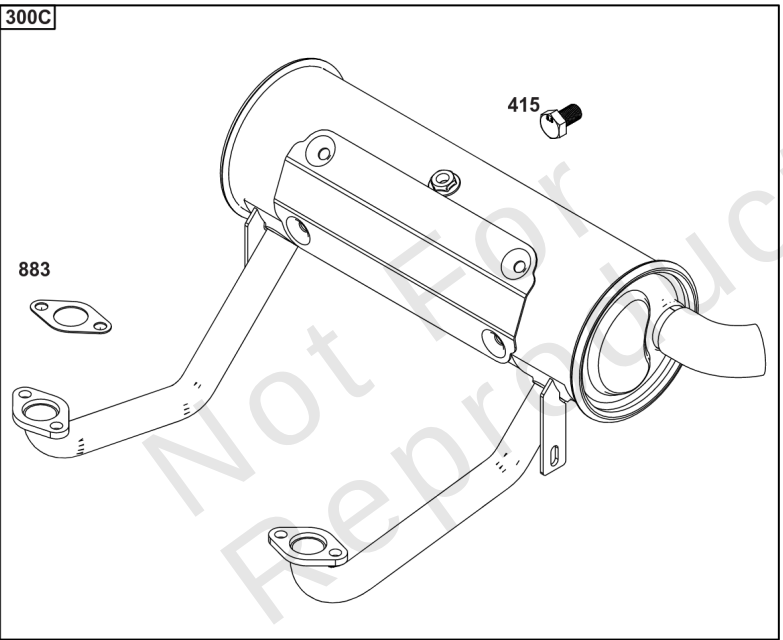
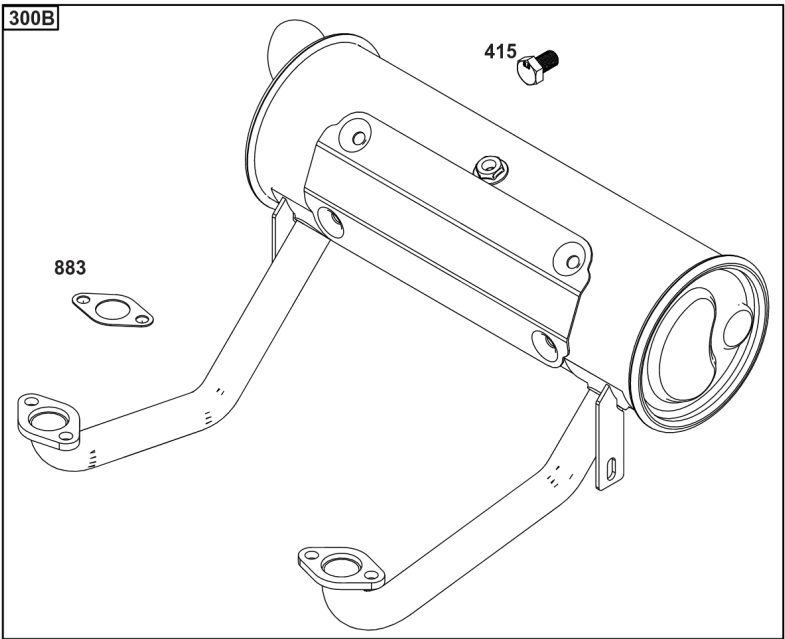
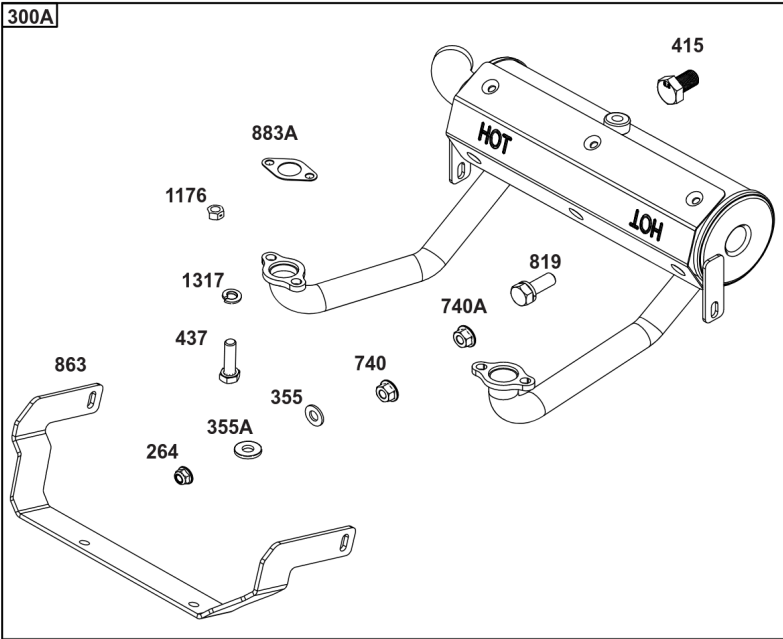
REF NO	PART NO	QTY	DESCRIPTION
676	593869	1	DEFLECTOR, Muffler -(For Below Deck Mufflers Only)
994	593885	1	ARRESTOR, Spark -(For Below Deck Mufflers Only)
994A	593868	1	ARRESTOR, Spark -(For Below Deck Mufflers Only)

Not For Reproduction



Lubrication

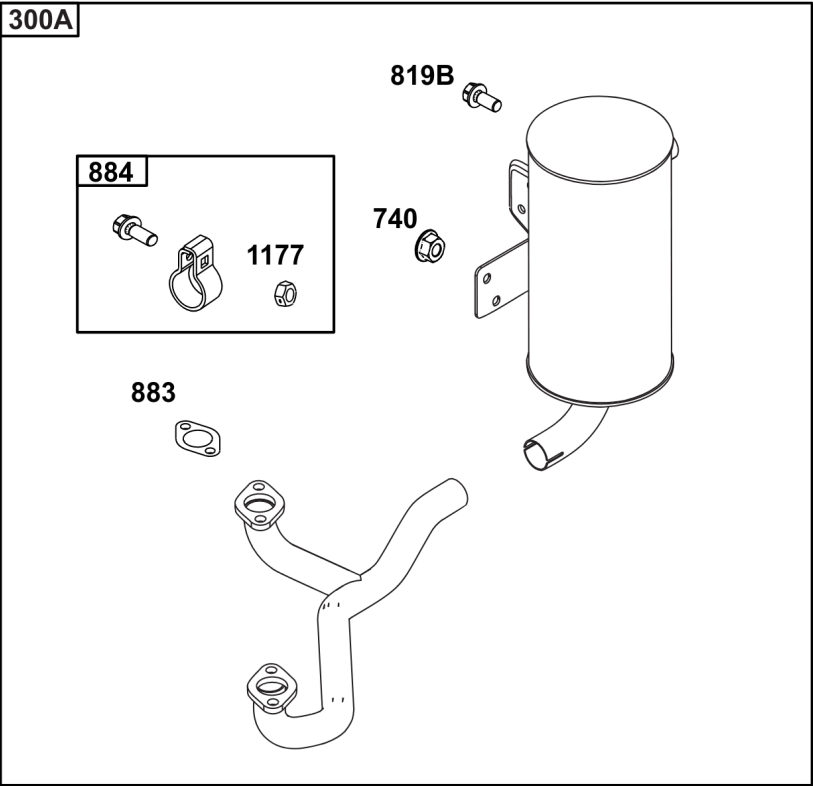
REF NO	PART NO	QTY	DESCRIPTION
186	796532	1	CONNECTOR, Hose -(Threaded Engine Block Connector for EZ-Oil Drain Hose) (Order hose separate)
239	690233	1	SWITCH, Oil Pressure -(2-4 PSI Normally-Closed Switch)
239A	491657S	1	SWITCH, Oil Pressure -(3-5 PSI Normally-Closed Switch)
239B	841281	1	SWITCH, Oil Pressure -(7-10 PSI Normally-Closed Switch)
239C	694115	1	SWITCH, Oil Pressure -(9-13 PSI Normally-Closed Switch)
239D	697049	1	SWITCH, Oil Pressure -(3-6 PSI Normally-Open Switch)
295B	594271	1	ADAPTER, Remote Oil Filter -(Remote Oil Filter Kit)
512	594200	1	HOSE, Oil Drain -(EZ-Oil Drain Hose, 10.5") (Order threaded engine block connector separate)
512	593635	1	HOSE, Oil Drain -(EZ-Oil Drain Hose, 13.75") (Order threaded engine block connector separate)
512B	1723165SM	1	HOSE, Oil Drain, 10-1/2" Long, 3/8-18 Fittings -(10.5")
512C	5048681SM	1	HOSE, OIL DRAIN -(12.5")
517	593633	1	RETAINER, Oil Drain
601	841597	4	CLAMP, Hose
1013	690954	1	NIPPLE, Oil Filter
1346	844802	1	VALVE, Oil Drain Shut Off
1346A	492031	1	VALVE, Oil Drain Shut Off
1346B	5401WEB	1	VALVE, Oil Drain Shut Off -(1/4 Turn Oil Drain Valve with Hose)
1374	796863	1	SEAL, O-Ring
1505	100169		OIL-1QT VANGUARD (CASE) -(1 qt. Bottle)
1505A	100170		OIL-5QT VANGUARD (CASE) -(5 qt. Bottle)



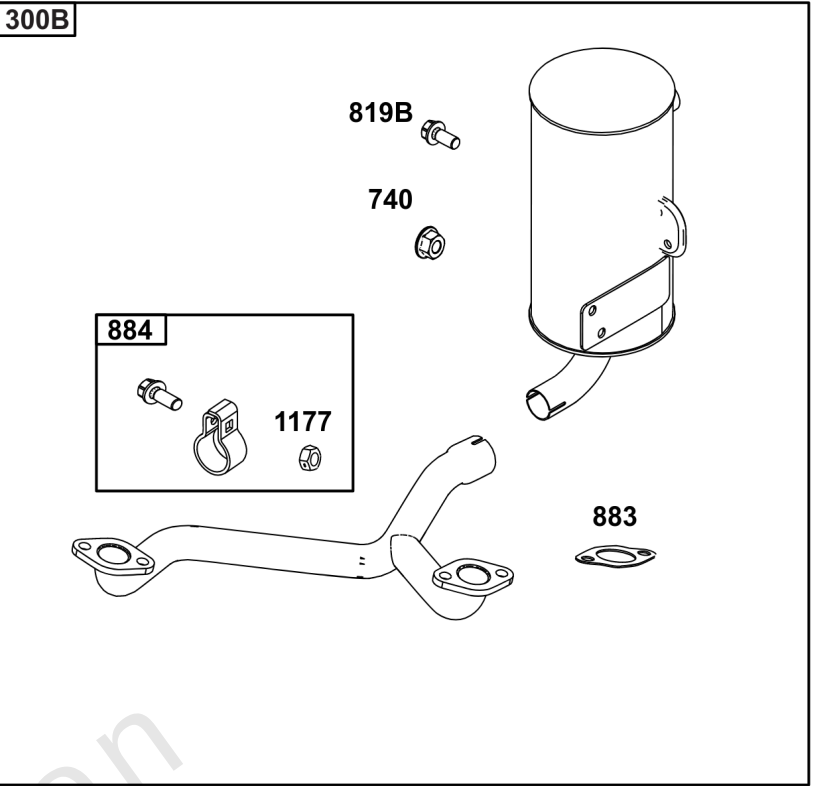
Implement Mounted Above Deck Mufflers

REF NO	PART NO	QTY	DESCRIPTION
300A	594585	1	MUFFLER -(Oil Filter Side Outlet) (Implement Supported) (O2 Sensor Port)
300B	595134	1	MUFFLER -(Oil Filter Side Outlet) (O2 Sensor Port)
300C	595135	1	MUFFLER -(Starter Side Outlet) (O2 Sensor Port)
300D	595136	1	MUFFLER -(Oil Filter Side Outlet)
264	703465	4	NUT, 5/16-18, GR5 -(Muffler Adapter)
355	5025292SM	4	WASHER, 5/16" GD.9 FL -(Muffler Bracket)
355A	5025155SM	2	WASHER, 5/16 -(Muffler Bracket)
415	596859	1	PLUG -(O2 Sensor Port)
437	703585	4	CAPSCREW, 5/16-18X1 -(Exhaust Manifold)
740	703164	2	NUT -(Muffler Bracket)
740A	703115	2	NUT -(Muffler Bracket)
819	690341	4	SCREW -(Muffler Bracket)
863	597480	1	BRACKET, Muffler
883	594365	2	GASKET, Exhaust
883A	690970	2	GASKET, Exhaust
1176	690941	4	NUT -(Exhaust Manifold)
1317	703116	4	LCKWSHR -(Exhaust Manifold)

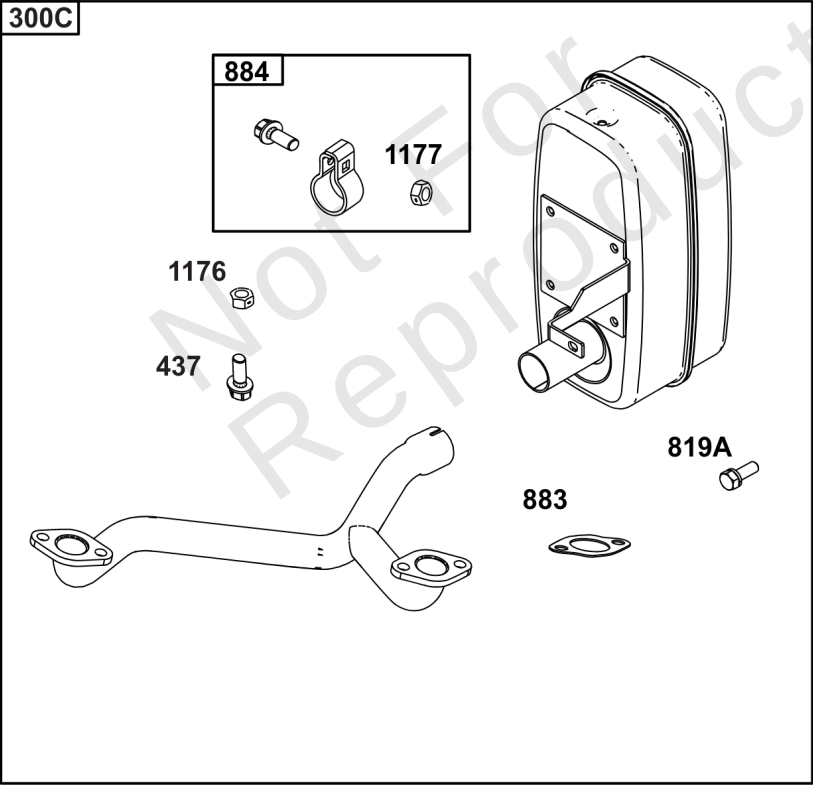
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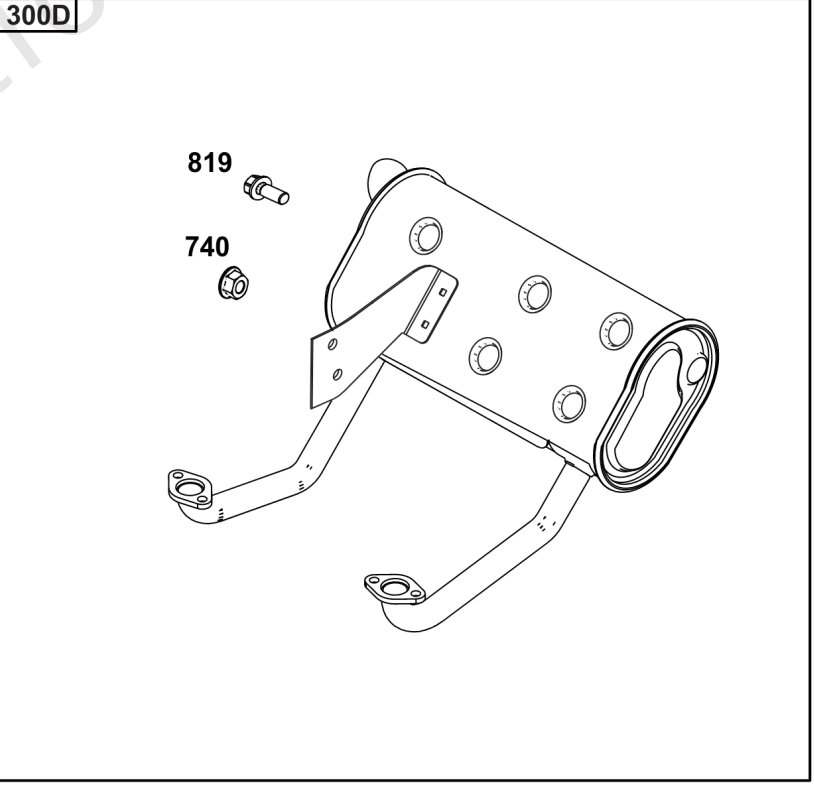
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300C

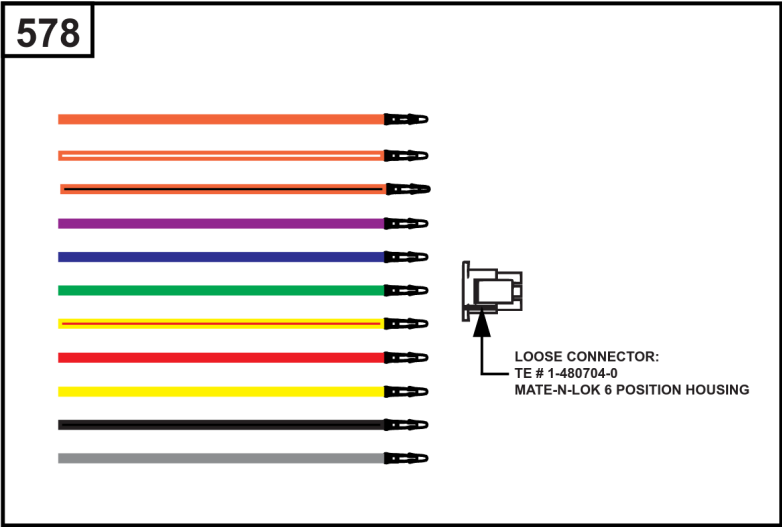
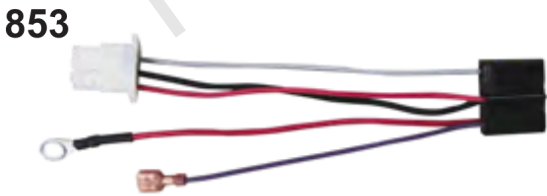
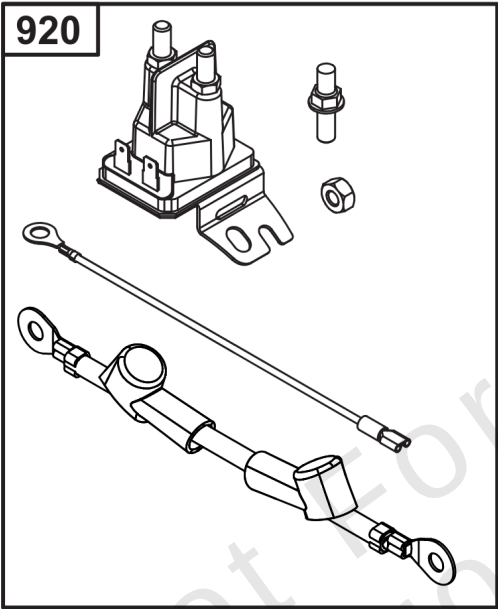
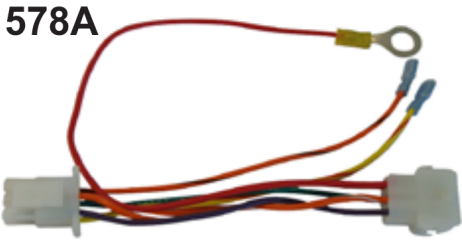


300D



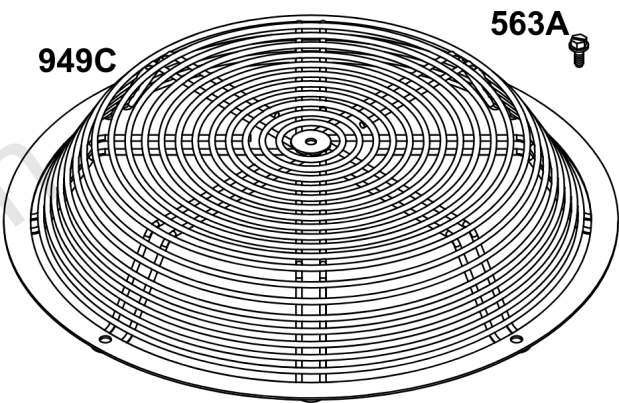
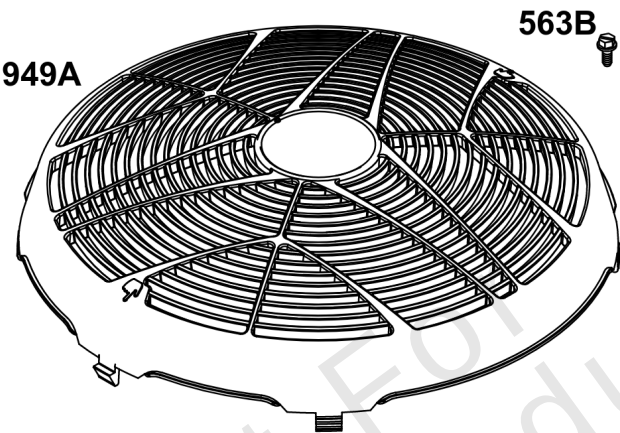
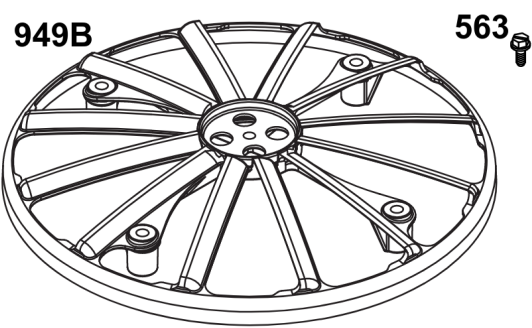
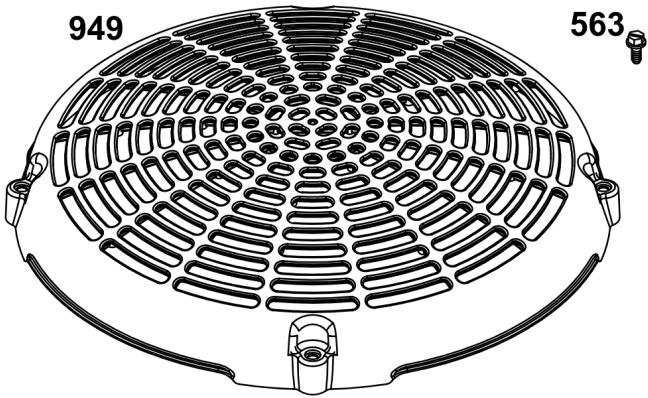
Exhaust/Muffler Configurations

REF NO	PART NO	QTY	DESCRIPTION
300A	771127	1	MUFFLER -(Oil Filter Side Outlet)(Commercial & Professional Series)
300B	771128	1	MUFFLER -(Starter Side Outlet)(Commercial & Professional Series)
300C	595822	1	MUFFLER -(Starter Side Outlet)(Commercial & Professional Series)
300D	84003680	1	MUFFLER -(Oil Filter Side Outlet) (Commercial & Professional Series)(Vanguard 810 & 810 EFI) (Compatible with 593868 Spark Arrester, 593885 Spark Arrester with Deflector.) (Equipped with plug for blocking off O2 sensor port for non EFI engines.)
437	690341	4	SCREW -(Exhaust Manifold)
740	704067	2	NUT, HEX FLNG,5/16-18 -(Muffler Bracket)
819	592604	2	SCREW -(Muffler Bracket)
819A	695629	4	SCREW -(Muffler Bracket)
819B	692062	2	SCREW -(Muffler Bracket)
883	594365	2	GASKET, Exhaust
884	691956	1	CLAMP, Muffler
1176	690941	4	NUT -(Exhaust Manifold)
1177	793859	1	NUT -(Muffler)



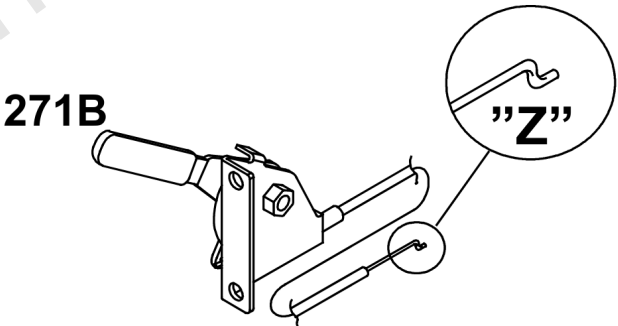
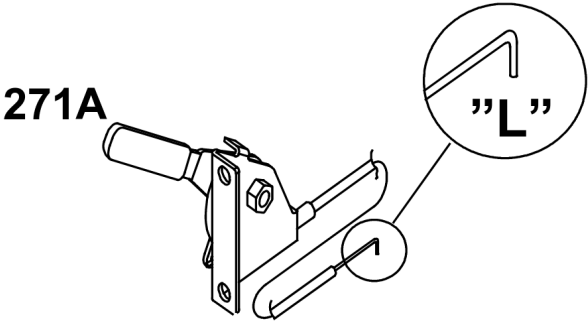
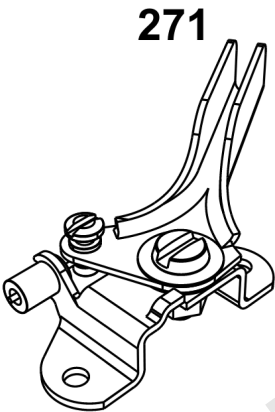
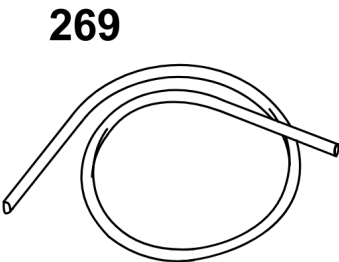
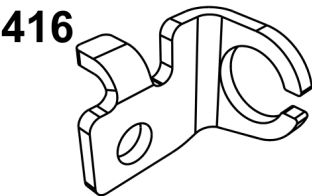
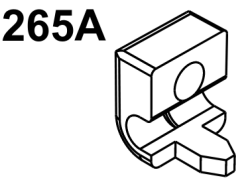
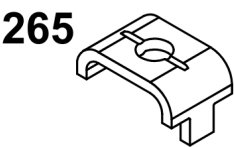
Electrical

REF NO	PART NO	QTY	DESCRIPTION
578	84007350	1	WIRE ASSEMBLY -(Wire Harness Adapter Aids in repowering engine application with Male 6-Pin connector and wires create custom adapter configurations.)
578A	19631	1	TOOL, CUSTOM HARNESS -(6-pin Wire Harness Adapter) (Aids in repowering engine application to an EFI engine)
853	84003359	1	ADAPTER, WIRE -(Wire Harness Adapter) (Aids in repowering ExMark) (Flat 6-spade connector to Briggs & Stratton 6-Pin connector)
920	84002147	1	SOLENOID, STARTER -(Starter Solenoid Kit) (Aids in Repowering when original is solenoid shift)
983	5103809YP	1	LIGHT, Indicator -(MIL Light Indicator) (LED Red)
1616	19626	1	CODE READER -(Tiny Scan Code Reader)



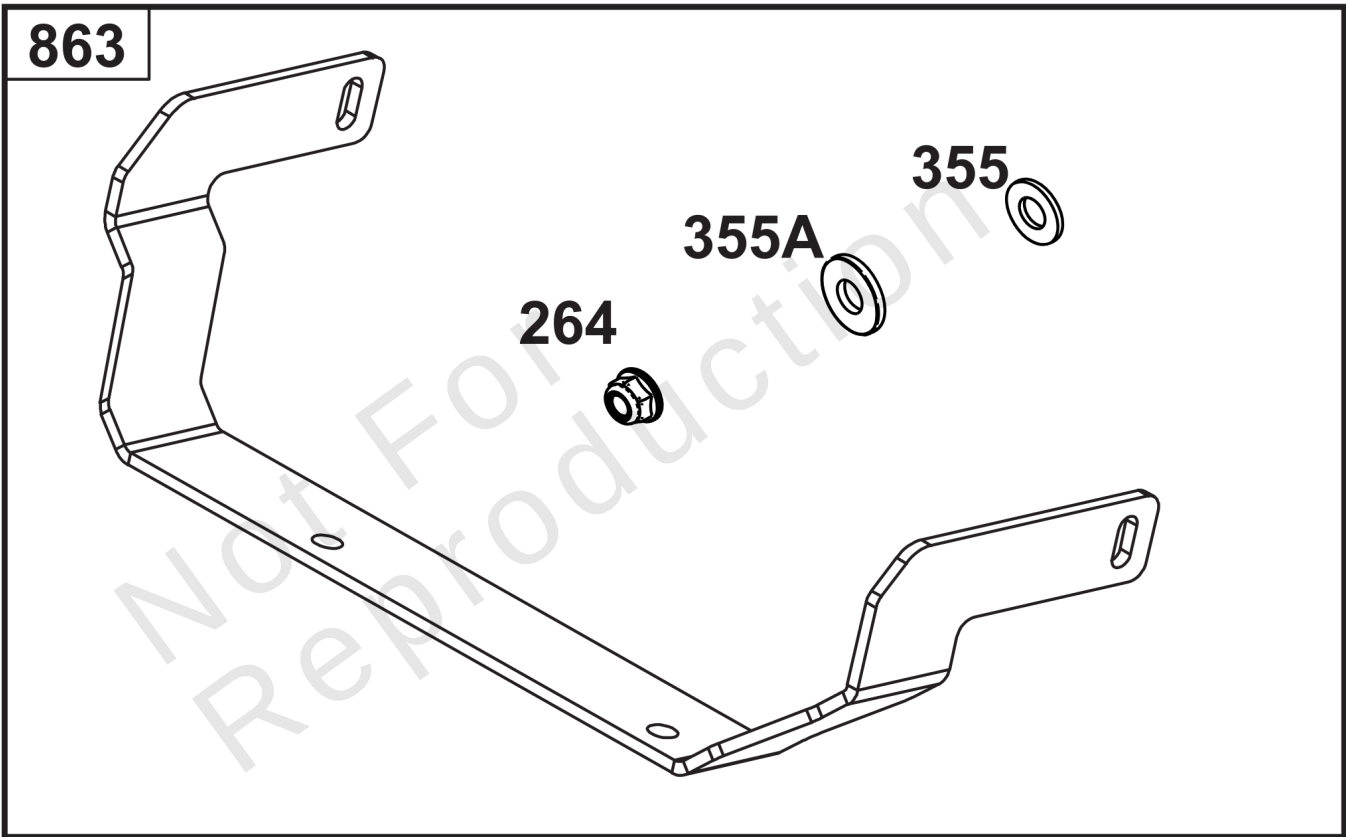
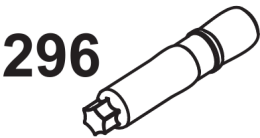
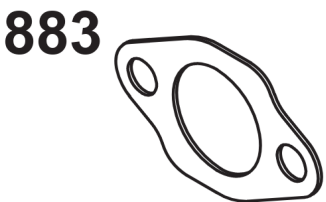
Flywheel Guards

REF NO	PART NO	QTY	DESCRIPTION
563	698425	1	SCREW -(Debris Screen Guard)
563A	597574	1	SCREW -(Debris Screen Guard)
563B	799359	1	SCREW -(Debris Screen Guard)
949	799357	1	GUARD, Debris Screen -(Static Cover Flywheel) (Requires 4 x 799360 Screw)
949A	797420YP	1	GUARD, Debris Screen -(Static Cover Flywheel High Flow) (Requires 4 x 799360 Screw)
949B	593206	1	GUARD, Debris Screen -(Static Cover Flywheel) (Requires 4 x 799359 Screw)
949C	597573	1	GUARD, Debris Screen -(Wire Static Flywheel Cover) (Requires 4x 597574 Screw) (For Commercial Series)



Speed Control

REF NO	PART NO	QTY	DESCRIPTION
265	691024	1	CLAMP, Casing -(Casing Clamp for Hard Casing)
265A	690798	1	CLAMP, Casing -(Casing Clamp for Soft Casing)
267	792629	1	SCREW -(Screw for Casing Clamp)
269	93907	1	WIRE, Control -(Control Wire 100')
271	691028	1	LEVER, Control -(Speed Control Lever Assembly)
271A	692105	1	LEVER, Control -("L" formed end Speed Control Lever Assembly)
271B	692541	1	LEVER, Control -("Z" formed end Speed Control Lever Assembly)
416	595196	1	BRACKET, Throttle Cable -(Casing Clamp for Snap-In Casing)



Muffler Mounting Hardware

REF NO	PART NO	QTY	DESCRIPTION
264	703465	4	NUT, 5/16-18, GR5 -(Muffler Adapter)
296	591756	4	STUD -(Muffler)
355	5025292SM	4	WASHER, 5/16" GD.9 FL -(Muffler Bracket)
355A	5025155SM	2	WASHER, 5/16 -(Muffler Bracket)
613	690341	4	SCREW -(Muffler)
613A	690363	4	SCREW -(Muffler)
863	597480	1	BRACKET, Muffler
883	594365	2	GASKET, Exhaust
883A	690970	2	GASKET, Exhaust
1177	690941	4	NUT -(Muffler)

