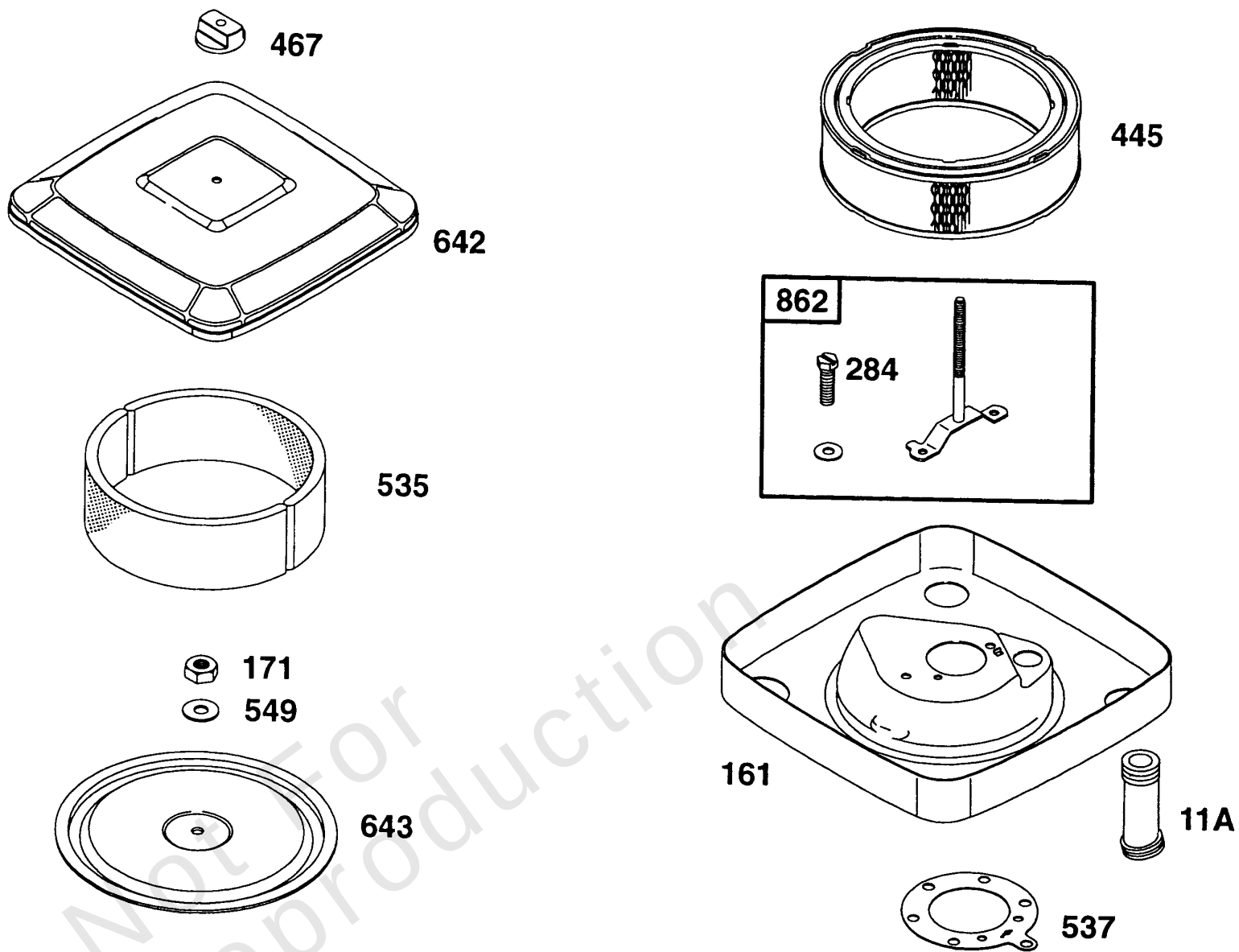




Parts Manual

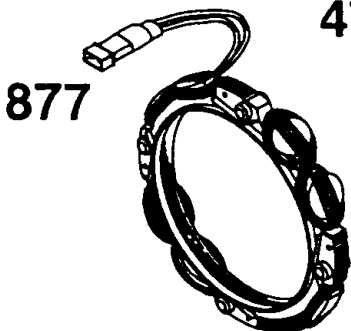
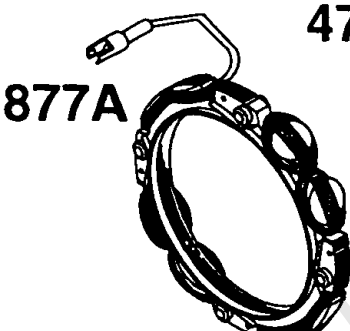
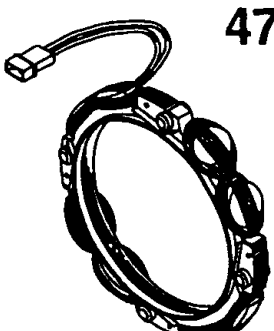
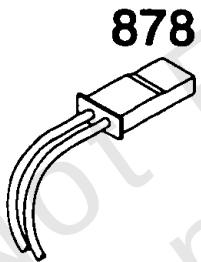
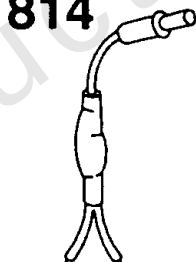
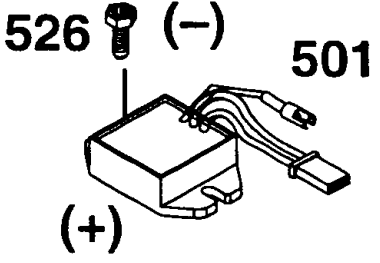
Mfg. No: 402447-4016-01

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Air Cleaner Group

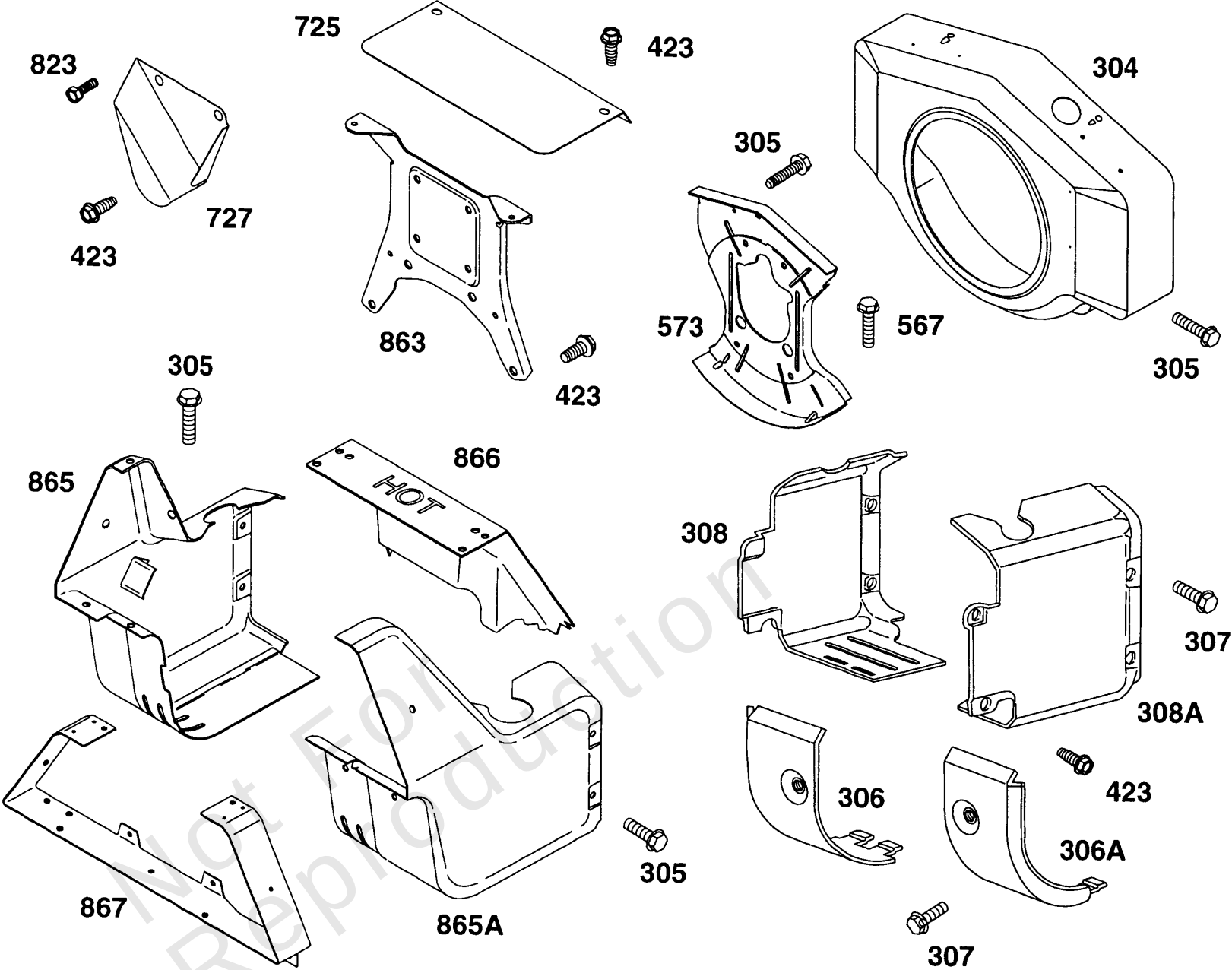
REF NO	PART NO	QTY	DESCRIPTION
11A	280198		MANIFOLD, Intake
161	222752		BASE, Air Cleaner -Used Before Code Date 91081900
161	224579		BASE, Air Cleaner -Used After Code Date 91081800
171	93715		NUT -(Starter Terminal)
284	93886		SCREW
284	93893		SCREW -Used Before Code Date 92021700
284	94264		SCREW -Used After Code Date 92021600
445	394018		FILTER, A/C Cartridge
467	493903		KNOB, Air Cleaner Cover
535	272490		FILTER, Pre Cleaner
537	271411		GASKET, Air Cleaner -Included in Gasket Set-Part No. 491856. Included in Carburetor Kit-Part No. 491539
549	271180		WASHER
642	223001		COVER, Air Cleaner
643	222835		RETAINER, Air Filter
862	392643		STRAP/STUD, Air Cleaner Mounting -Used Before Code Date 92021700
862	495077		STRAP/STUD, Air Cleaner Mounting -Used After Code Date 92021600

DUAL CIRCUIT	TRI-CIRCUIT	16 AMP
SEE FLYWHEEL ASSEMBLY	SEE FLYWHEEL ASSEMBLY	
 877	 877A	 877B
 878	 814	 878A
 878B		 526 (-) 501 (+)

NOTE: ALL STATORS USE NO. 482 MOUNTING SCREW. 

Alternator Chart

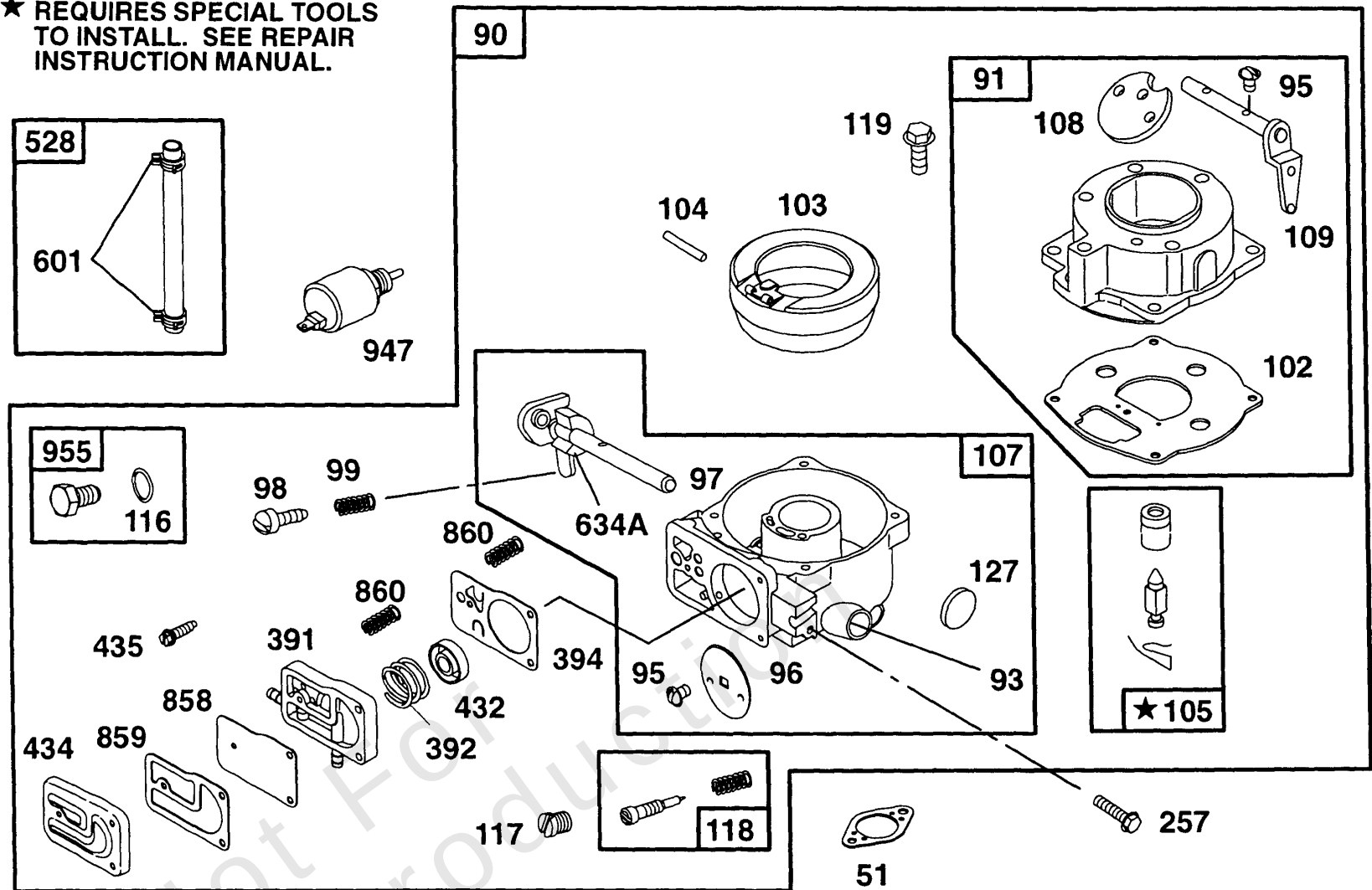
REF NO	PART NO	QTY	DESCRIPTION
474B	393295		ALTERNATOR -(10, 13, or 16 Amp-Depending on Size of Flywheel Magnets) (Regulated)
474A	392595		ALTERNATOR -(Tri Circuit) (9 Amp Regulated)
474	393474		ALTERNATOR -(Dual Circuit)
482	93621		SCREW -(Tapping)
501	394890		REGULATOR -(10, 13, or 16 Amp, Depending on Size of Flywheel Magnets)
526	94729		SCREW
814	392606		HARNESS, Alternator -(Tri Circuit)
877A	393537		WIRE/CONNECTOR, Alternator -(Tri Circuit) (9 Amp)
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)



Blower Hsg,Air Guide Parts

REF NO	PART NO	QTY	DESCRIPTION
304	491245		HOUSING, Blower
305	94513		SCREW -(Blower Housing)
305	94786		SCREW -(1/2)
306A	223734		SHIELD, Cylinder
306	222846		SHIELD, Cylinder
307	93163		SCREW -Used Before Code Date 91081900
307	94386		SCREW -Used After Code Date 91081800
308A	224775		COVER, Cylinder Head -(Cylinder 2) (Includes Mtg. Parts)
308	224774		COVER, Air Guide
423	93343		SCREW -(Control Panel)
567	94811		SCREW
573	491444		PLATE, Back
725	224777		SHIELD, Heat
727	222987		GUARD, Flywheel
823	94627		SCREW -(Fuel Tank)
863	222776		BRACKET, Muffler
865A	495618		COVER, Air Guide -(Cylinder 2)
865	392991		COVER, Cylinder Head -(Cylinder 1)
866	393025		COVER, Air Guide
867	224773		FRAME, Air Guide

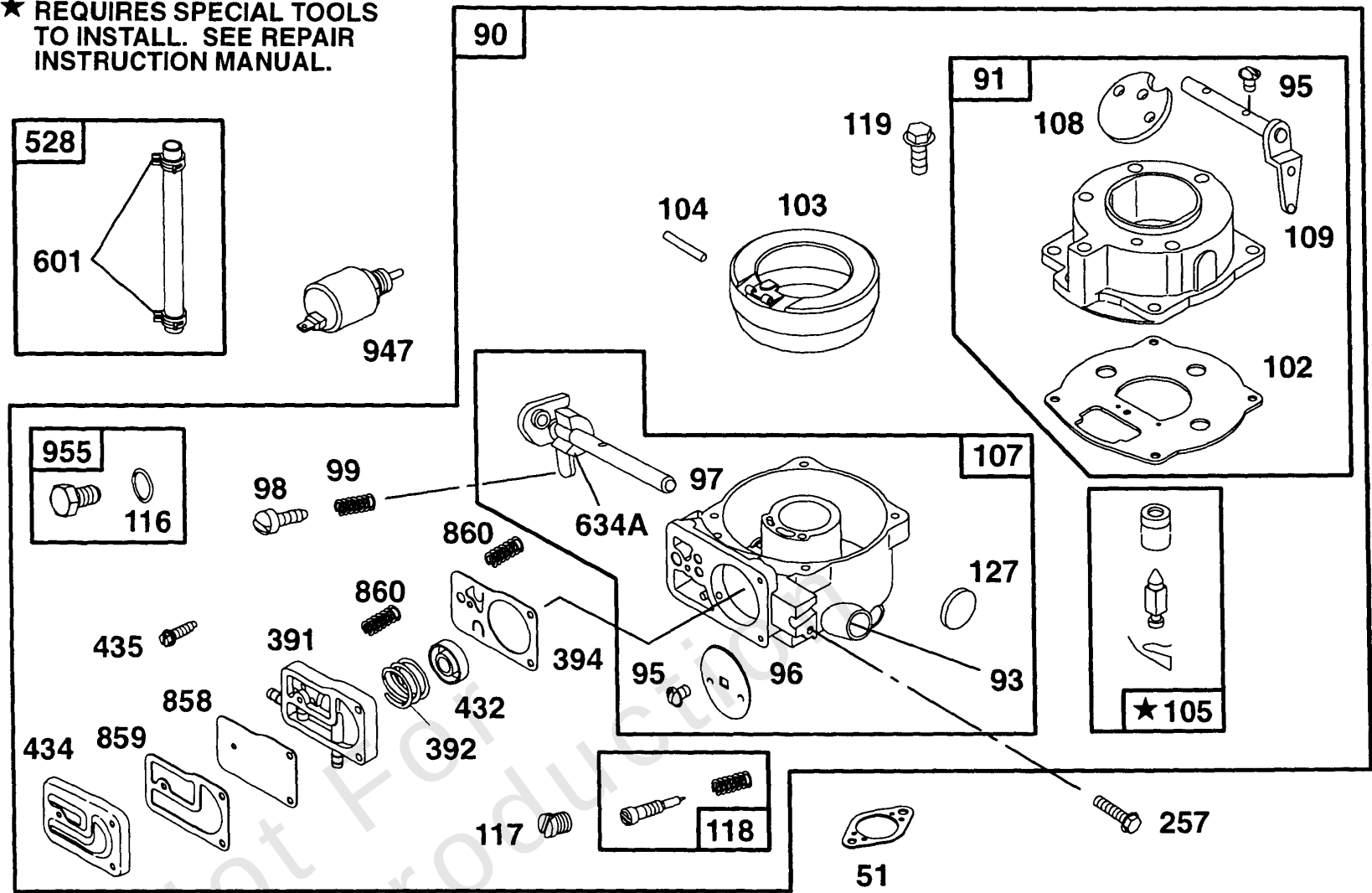
★ REQUIRES SPECIAL TOOLS
TO INSTALL. SEE REPAIR
INSTRUCTION MANUAL.



Carburetor Assembly

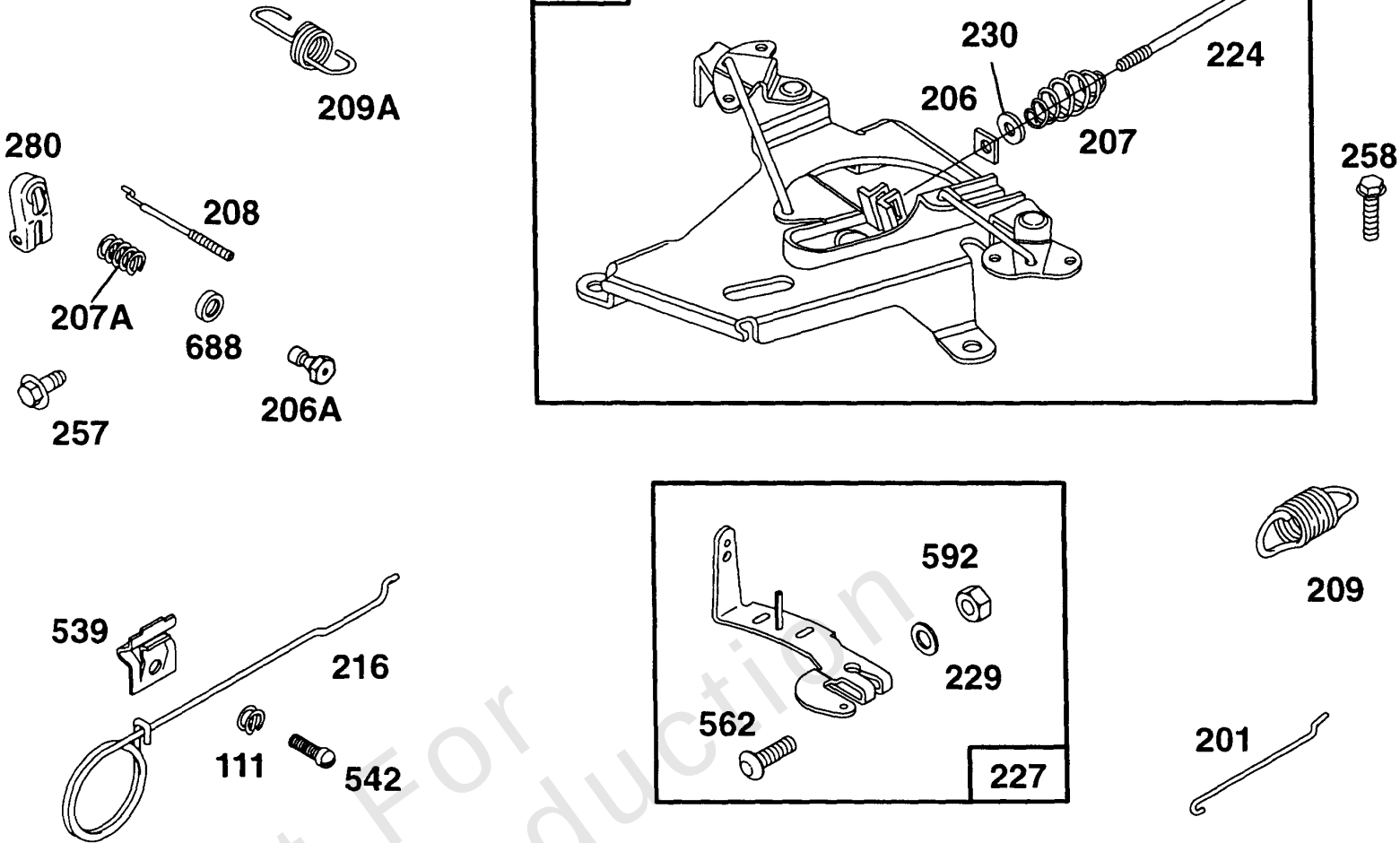
REF NO	PART NO	QTY	DESCRIPTION
51	271412		GASKET, Intake -Included in Gasket Set-Part No. 491856. Included in Carburetor Kit-Part No. 491539
90	491429		CARBURETOR -Used Before Code Date 92021700
90	495181		CARBURETOR -Used After Code Date 92021600
91	495035		BODY, Upper Carburetor
93	231209		BUSHING, 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
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
116	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
257	93897		SCREW
391	280197		BODY, Fuel Pump
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 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
434	223688		COVER, Diaphragm
435	93829		SCREW

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



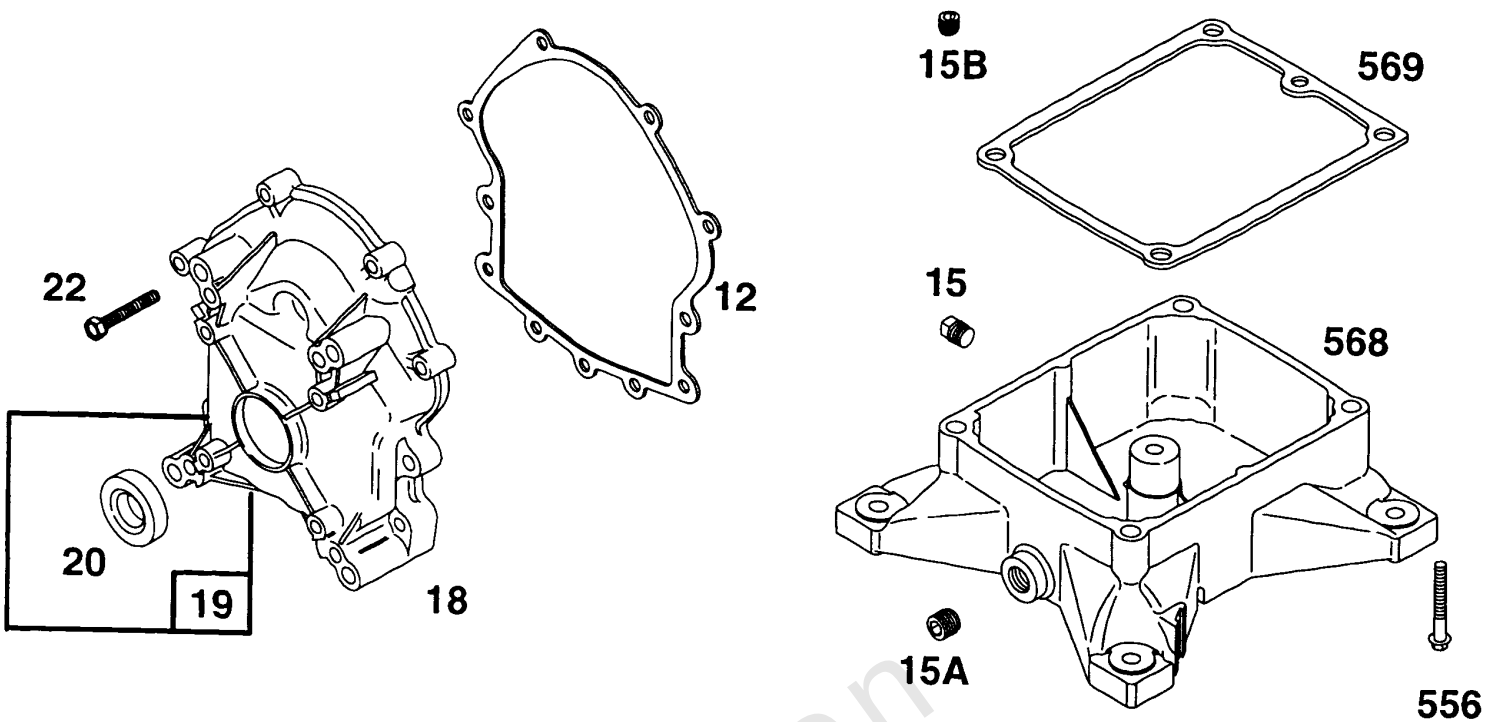
Carburetor Assembly

REF NO	PART NO	QTY	DESCRIPTION
528	393815		HOSE, Vacuum -(Cylinder To Impulse Pump)(Cut To Required Length)
601	93053		CLAMP, Hose -(Green)
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 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
947	397266		SOLENOID, Fuel
955	397882		PLUG, Carburetor -(Solenoid Hole)



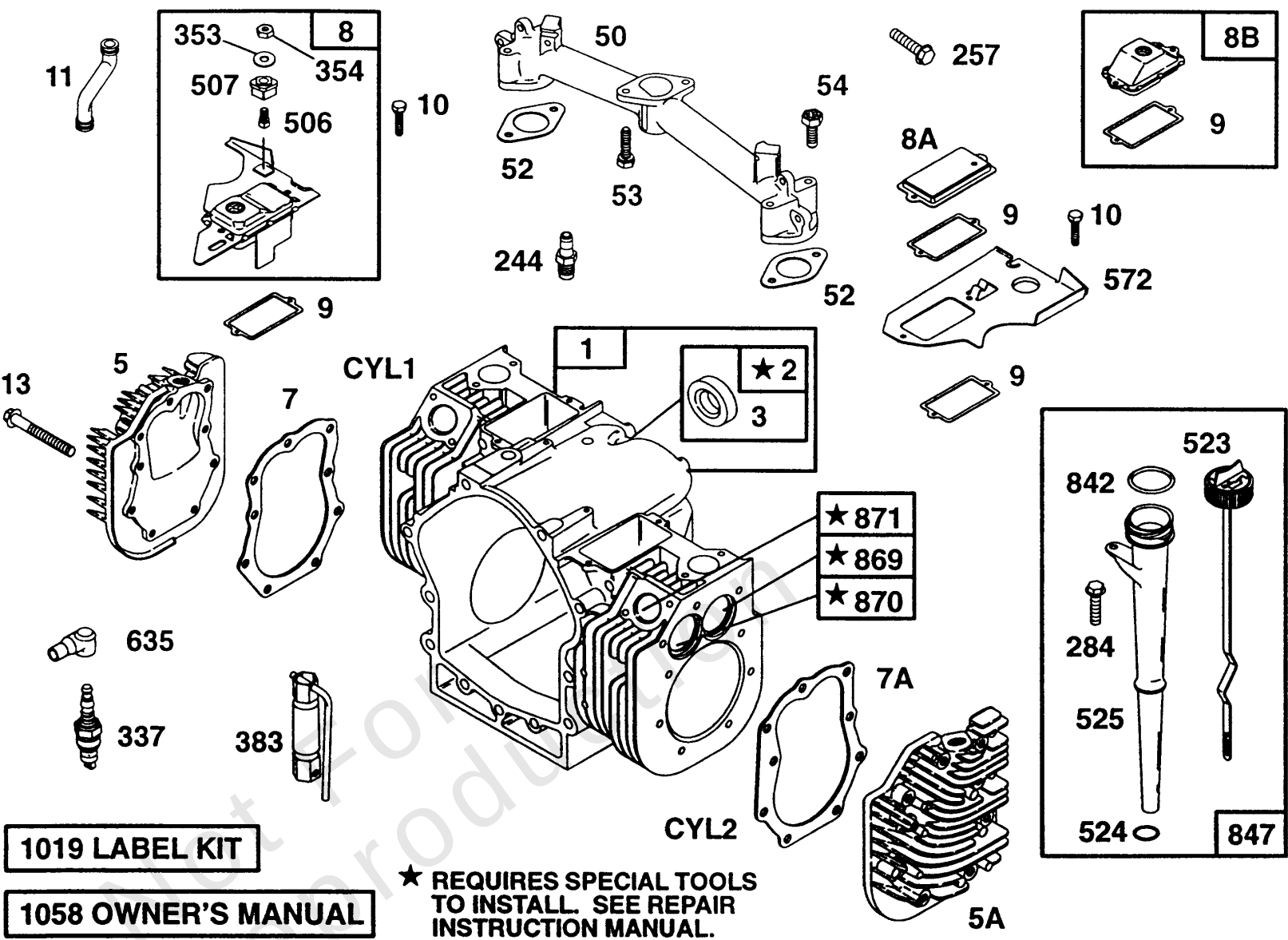
Control Bracket

REF NO	PART NO	QTY	DESCRIPTION
111	26155		SPRING, Friction
201	262333		LINK, Mechanical Governor
206A	231542		NUT, Governor Adjusting
206	94298		NUT, Governor Adjusting
207A	262347		SPRING, Friction
207	262337		SPRING, Friction
208	262636		ROD, Control
209A	261563		SPRING, Governor -(Idle)
209	262352		SPRING, Governor
216	261511		ROD, Choke
222	491282		BRACKET, Control
224	94297		SCREW
227	491298		LEVER, Governor Control
229	222289		WASHER
230	223882		WASHER
257	93897		SCREW
258	93949		SCREW
280	223881		BRACKET, Control
539	221372		CLIP, Control Rod
542	90746		SCREW -(10-32 X 5/8)
562	93853		BOLT -(Governor Lever)
592	92278		NUT -(Starting Switch)
688	224101		CAP, Spring



Crankcase Cover,Sump Base

REF NO	PART NO	QTY	DESCRIPTION
12	272127		GASKET, Crankcase -(.005) Included in Gasket Set-Part No. 491856
15B	94497		PLUG, Oil Drain -(1/8-27 NPTF Hex. Socket) (Impulse Pump Hole)
15A	93448		PLUG, Oil Drain -(Flush) (1/4-18 NPTF) (Flush) (1/4 18 NPTF)
15	94239		PLUG, Oil Drain -(Square Head)
18	491810		COVER, Crankcase -(Plain Bearing)
19	495360		KIT, Bushing/Seal -Used Before Code Date 89073100
20	291675		SEAL, Oil -(Crankcase Cover) Included in Gasket Set-Part No. 491856
22	93847		SCREW -(Fuel Tank) (Tank)
556	93585		SCREW -(Crankcase Cover)
556	94725		SCREW
568	491717		SUMP, Engine
569	272062		GASKET, Engine Base -Included in Gasket Set-Part No. 491856
569	491717		SUMP, Engine

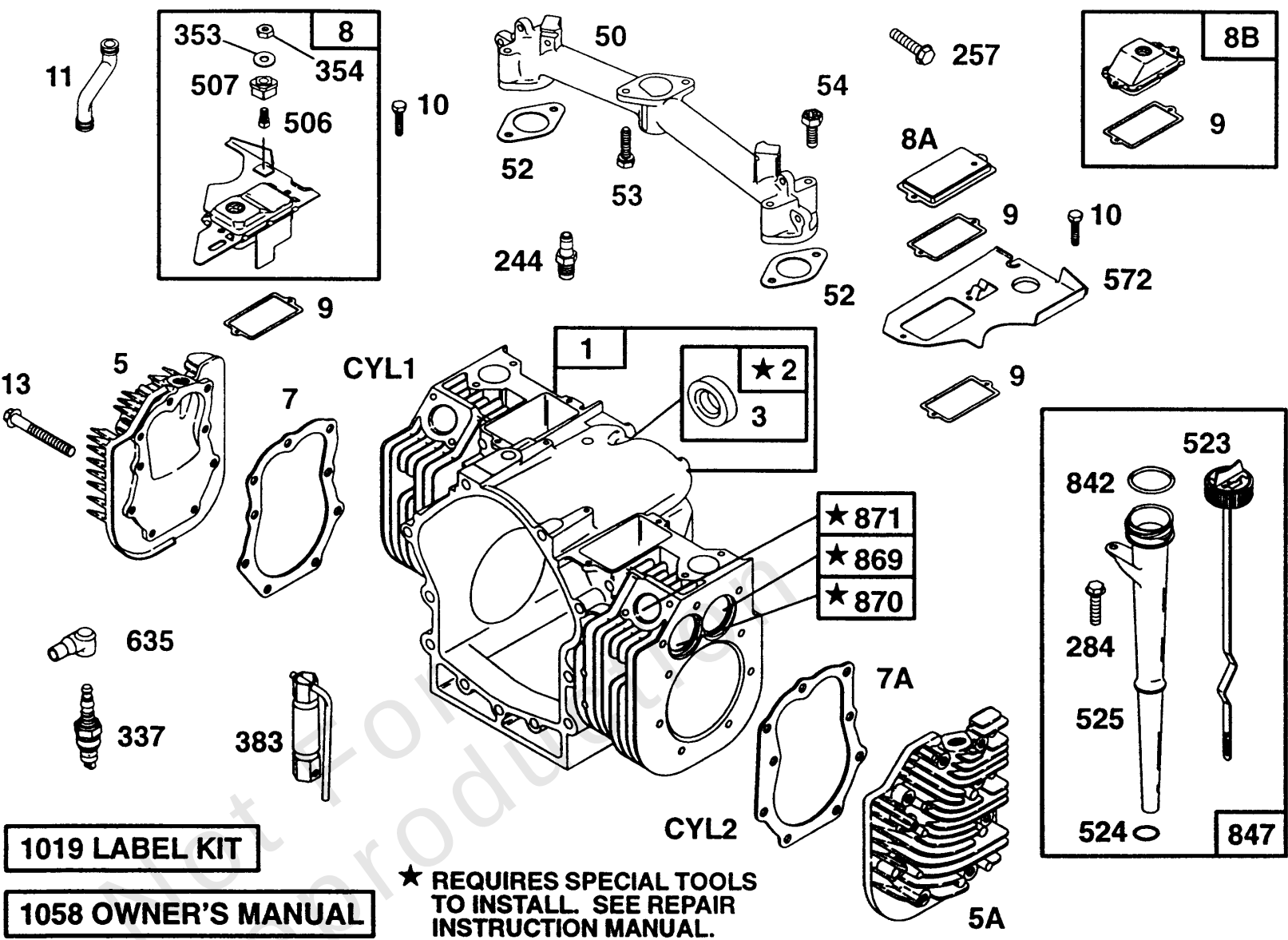


Cylinder, Cyl Heads, Piston

REF NO	PART NO	QTY	DESCRIPTION
1	497075		CYLINDER ASSEMBLY
2	399265		KIT, Bushing/Seal -(Magnetos Side) -Used After Code Date 89073000
2	495359		KIT, Bushing/Seal -Used Before Code Date 89073100
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 Valve Overhaul Kit-Part No. 498047. Included in Gasket Set-Part No. 491856
7	271867		GASKET, Cylinder Head -(Cylinder 1) Included in Valve Overhaul Kit-Part No. 498047. Included in Gasket Set-Part No. 491856
8B	495756		BREATHING ASSEMBLY -(Cylinder 2) -Used Before Code Date 91081900
8A	222892		COVER, Valve -(Cylinder 2) -Used After Code Date 91081800
8	393243		BREATHING ASSEMBLY -(#1)
9	27803		GASKET, Rocker Cover -Included in Valve Overhaul Kit-Part No. 498047. Included in Gasket Set-Part No. 491856
10	94830		SCREW
11	280819		TUBE, Breather
13	94565		SCREW -(Cylinder Head) (3 9/16)
50	213288		MANIFOLD, Intake
52	270884		GASKET, Intake -Included in Valve Overhaul Kit-Part No. 498047. Included in Gasket Set-Part No. 491856
53	94881		SCREW
54	94765		SCREW
244	230318		CONNECTOR, Hose
257	93897		SCREW
284	93886		SCREW
284	93893		SCREW -Used Before Code Date 92021700
284	94264		SCREW -Used After Code Date 92021600
337	802592		PLUG, Spark -(Resistor)
353	67072		WASHER -(Stop Switch Bracket)
353	92791		WASHER
354	90576		NUT -(Ground Terminal)
383	89838		WRENCH, Spark Plug
506	231174		TERMINAL, Ground
507	280180		INSULATOR

Footnotes:

Included in Gasket Set-Part No. 491856

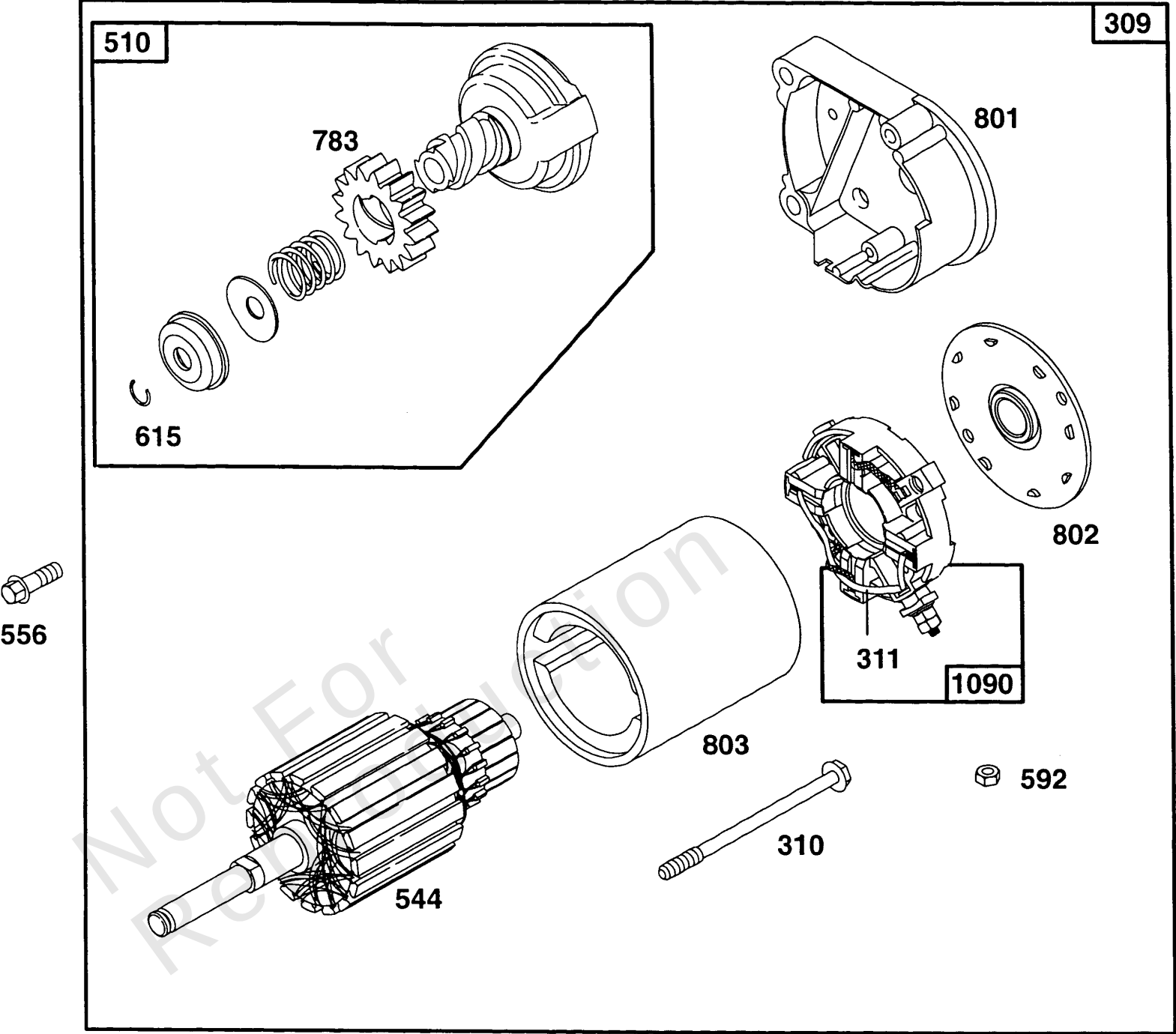


Cylinder,Cyl Heads,Piston

REF NO	PART NO	QTY	DESCRIPTION
523	398924		CAP, Oil Fill
524	68838		SEAL, O-Ring -(Dipstick Tube) Included in Gasket Set-Part No. 491856
525	280220		TUBE, Dipstick
572	222700		GUIDE, Air -(Cylinder 2) -Used Before Code Date 91081900
572	224580		COVER, Air Guide -(Cylinder 2) -Used After Code Date 91081800 and Before Code Date 94041100
572	224816		COVER, Rocker -(Cylinder 2) -Used After Code Date 94041000
635	66538		BOOT, Spark Plug
842	271170		SEAL, O-Ring -Included in Gasket Set-Part No. 491856
847	398990		DIPSTICK/TUBE ASSEMBLY
869	261463		SEAT, Valve -(Intake)
870	213316		SEAT, Valve -(Exhaust)
871	231218		BUSHING, Valve Guide -(Intake)
871	261961		BUSHING, Valve Guide -(Exhaust)
1019	491261		KIT, Label
1058	272111		MANUAL, Operator's

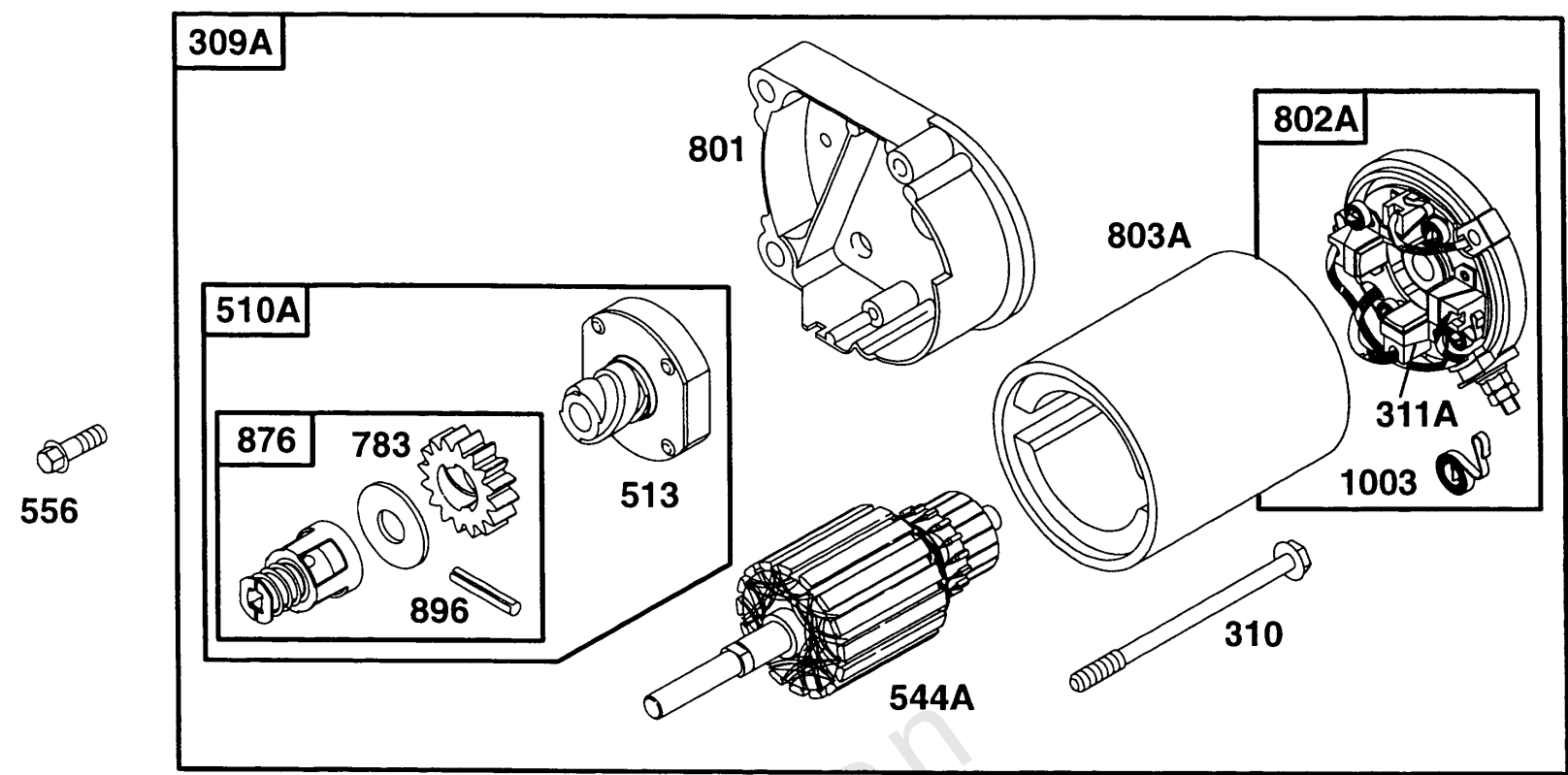
Footnotes:

Included in Gasket Set-Part No. 491856



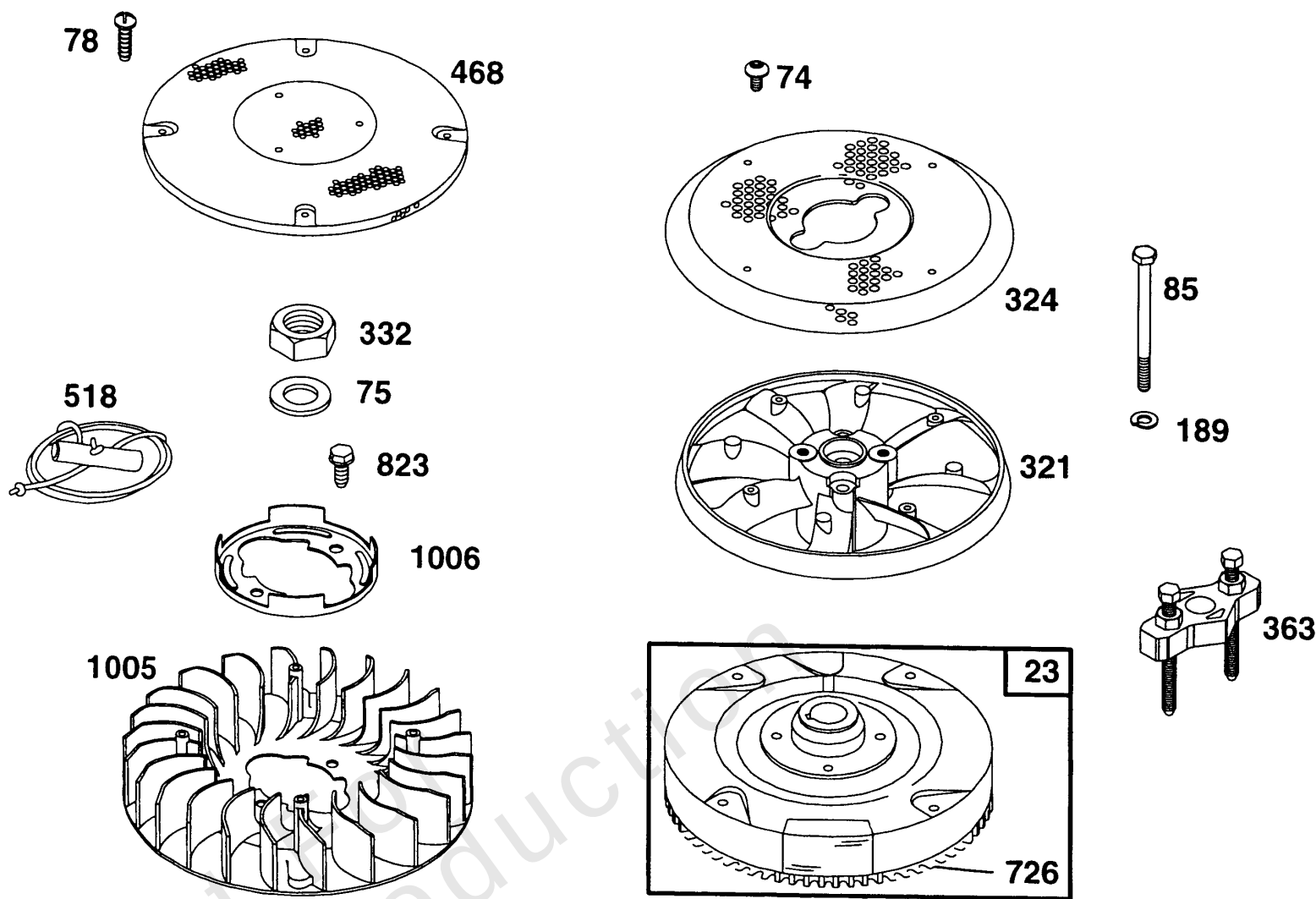
Electric Starter

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)
556	93585		SCREW -(Crankcase Cover)
556	94725		SCREW
592	92278		NUT -(Starting Switch)
615	263080		RING, Retaining
615	94296		RETAINER, Governor Shaft
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



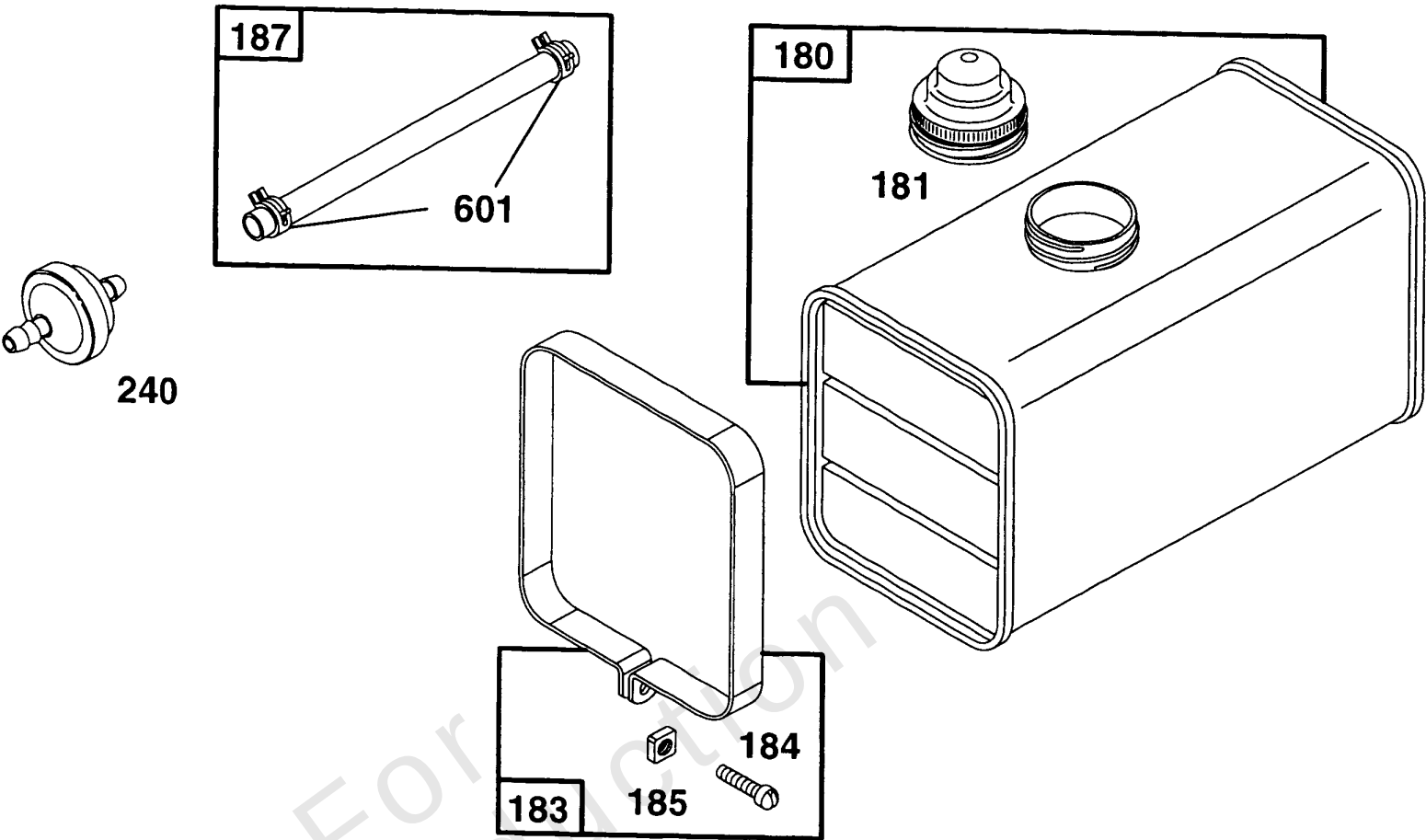
Electric Starter

REF NO	PART NO	QTY	DESCRIPTION
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	395538		SET, Brush -(3-5/8 or 4 3/8 Housing)
311A	492020		SET, Brush -(3 15/32 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)
556	93585		SCREW -(Crankcase Cover)
556	94725		SCREW
783	280104		GEAR, Pinion -(Briggs & Stratton 12V)
801	394860		CAP, End -(3-5/8 or 4 1/2 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)
802A	395537		CAP, End -(3 5/8 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	94288		PIN, Drive Retainer
1003	490316		SPRING, Brush -(4 1/2 or 4 9/16 Housing)



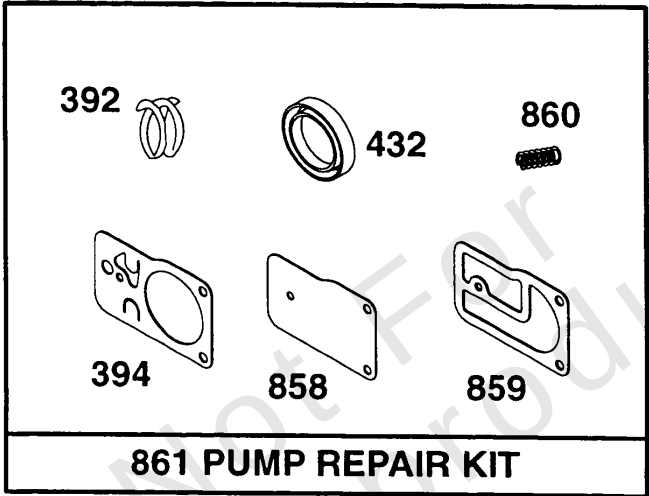
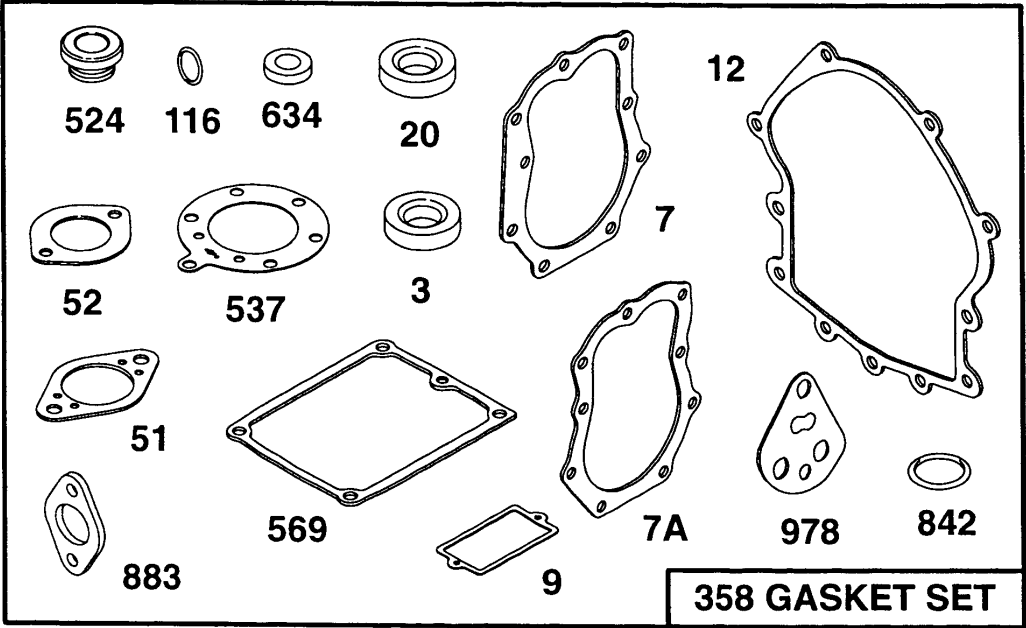
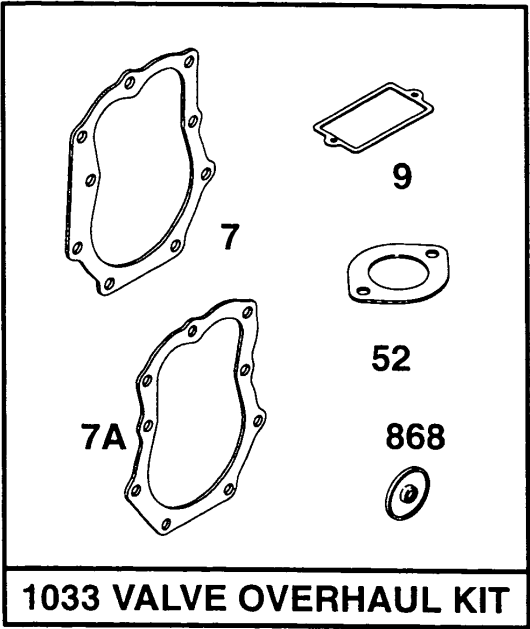
Flywheel, Screens

REF NO	PART NO	QTY	DESCRIPTION
23	491180		FLYWHEEL
74	93808		SCREW
75	222511		WASHER -(Spring)
78	94326		SCREW -(Tube)
85	94385		SCREW
189	90366		WASHER
321	213472		FAN, Booster -Used Before Code Date 93011800
321	213852		FAN, Booster -Used After Code Date 93011700
321	213854		FAN, Booster -Used After Code Date 93011700
324	224779		SCREEN, Rotating
332	230674		NUT
363	19203		PULLER, Flywheel
468	224521		SCREEN, Rotating
518	69932		GRIP, Starter Rope
726	391362		GEAR, Ring -(Includes Mounting Hardware)
823	94627		SCREW -(Fuel Tank)
1005	281053		FAN, Flywheel
1006	224413		RETAINER, Fan

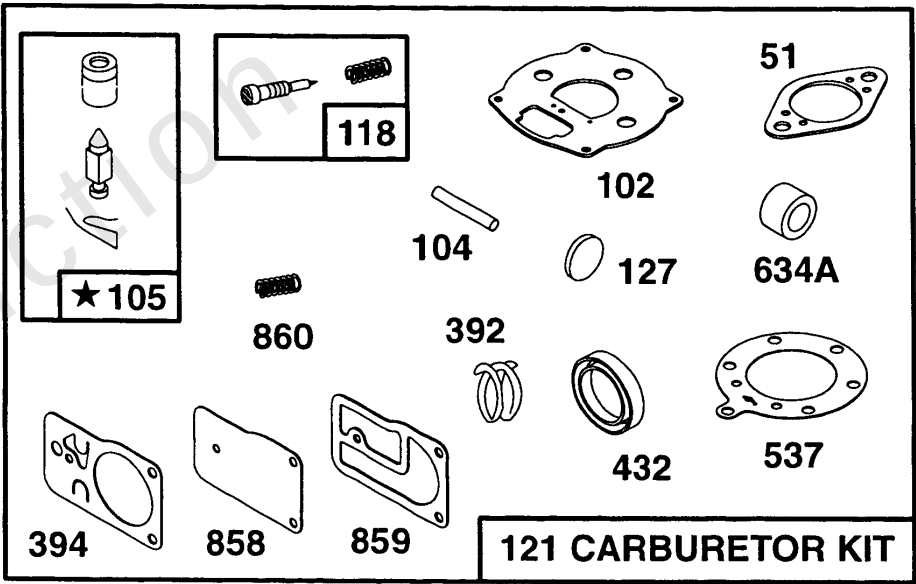


Fuel Tank and Parts

REF NO	PART NO	QTY	DESCRIPTION
180	292415		TANK, Fuel -(8 Quart)
181	392305		CAP, Fuel Tank -(Metal)
183	291490		STRAP, Fuel Tank -(6 Quart)
184	91257		SCREW -(1/4-20 X 1-1/2)
185	90970		NUT -(1/4-20)
187	299146		LINE, Fuel -(Cut To Required Length)
187	393815		HOSE, Vacuum -(Cylinder To Impulse Pump)(Cut To Required Length)
240	394358		FILTER, Fuel -(Fuel Pump)
601	93053		CLAMP, Hose -(Green)

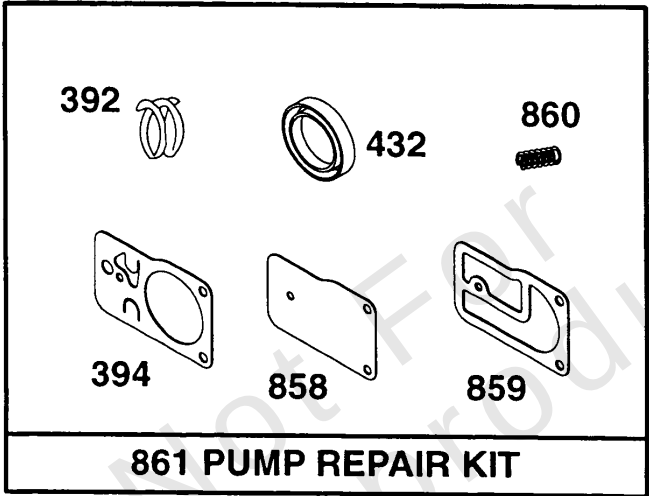
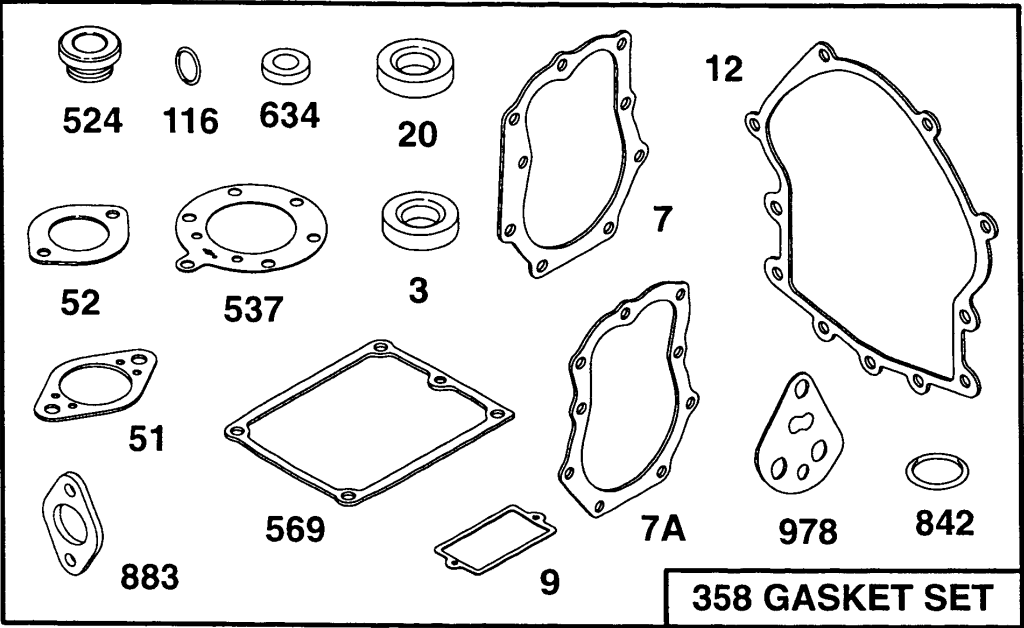
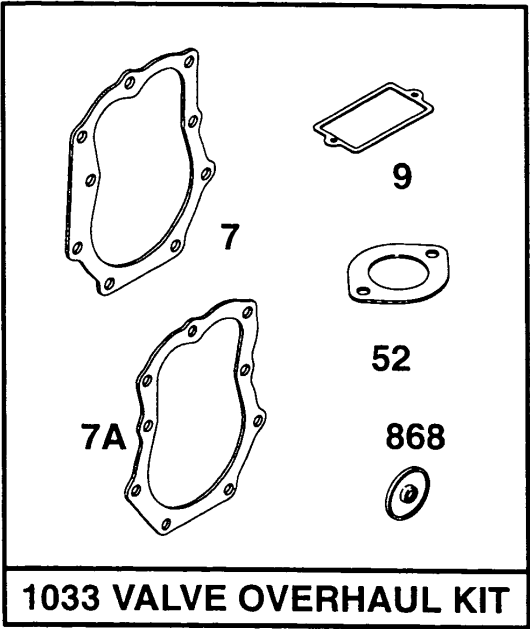


★ REQUIRES SPECIAL TOOLS TO INSTALL.
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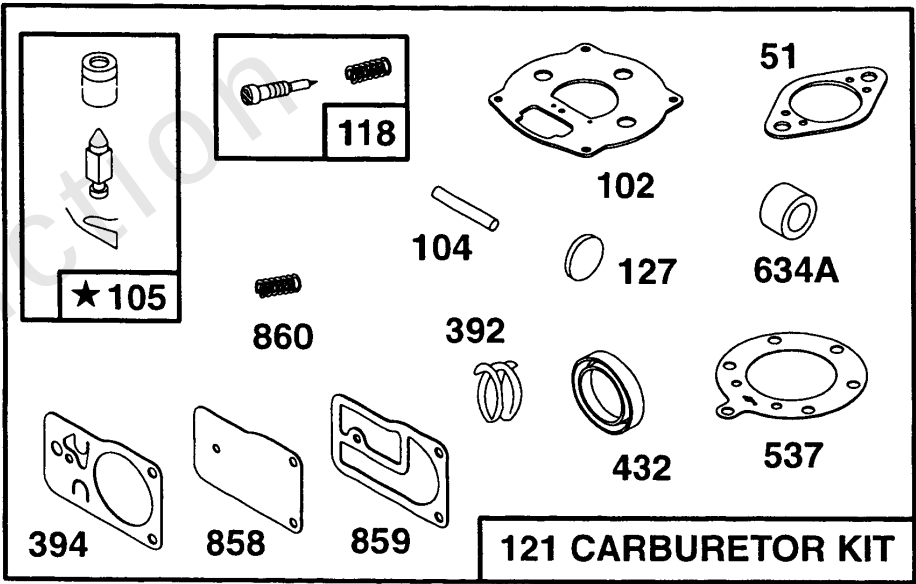


Gasket Sets

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 Valve Overhaul Kit-Part No. 498047. Included in Gasket Set-Part No. 491856
7	271867		GASKET, Cylinder Head -(Cylinder 1) Included in Valve Overhaul Kit-Part No. 498047. Included in Gasket Set-Part No. 491856
9	27803		GASKET, Rocker Cover -Included in Valve Overhaul Kit-Part No. 498047. Included in Gasket Set-Part No. 491856
12	272127		GASKET, Crankcase -(.005) 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 Valve Overhaul Kit-Part No. 498047. Included in Gasket Set-Part No. 491856
102	271607		GASKET, Carburetor Body -Included in Carburetor Kit-Part No. 491539
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
116	280474		SEAL, O-Ring -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
432	221377		CAP, Spring -Included in Carburetor Kit-Part No. 491539. Included in Pump Repair Kit-Part No. 393397
524	68838		SEAL, O-Ring -(Dipstick Tube) 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
569	491717		SUMP, Engine

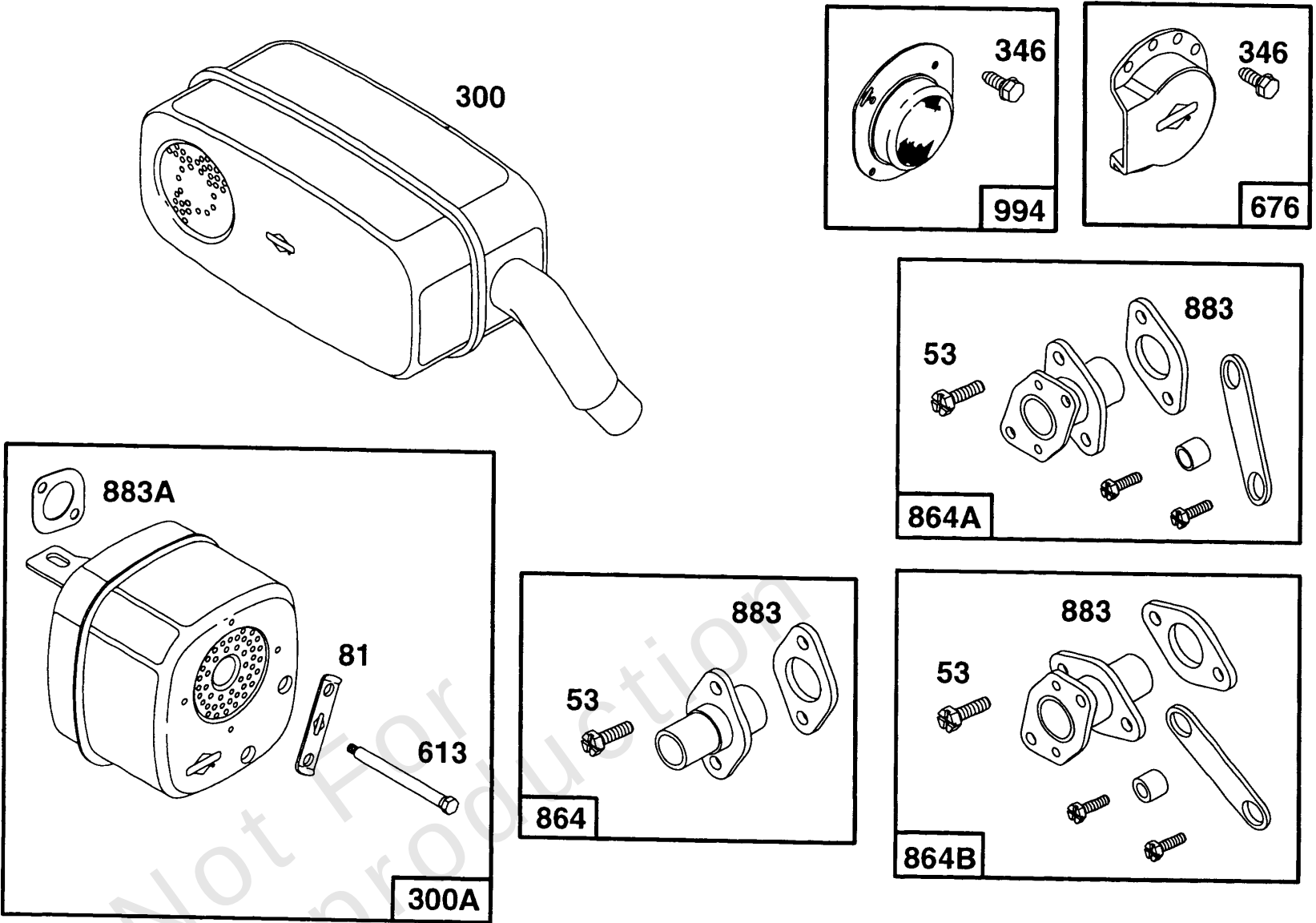


★ REQUIRES SPECIAL TOOLS TO INSTALL.
SEE REPAIR INSTRUCTION MANUAL.



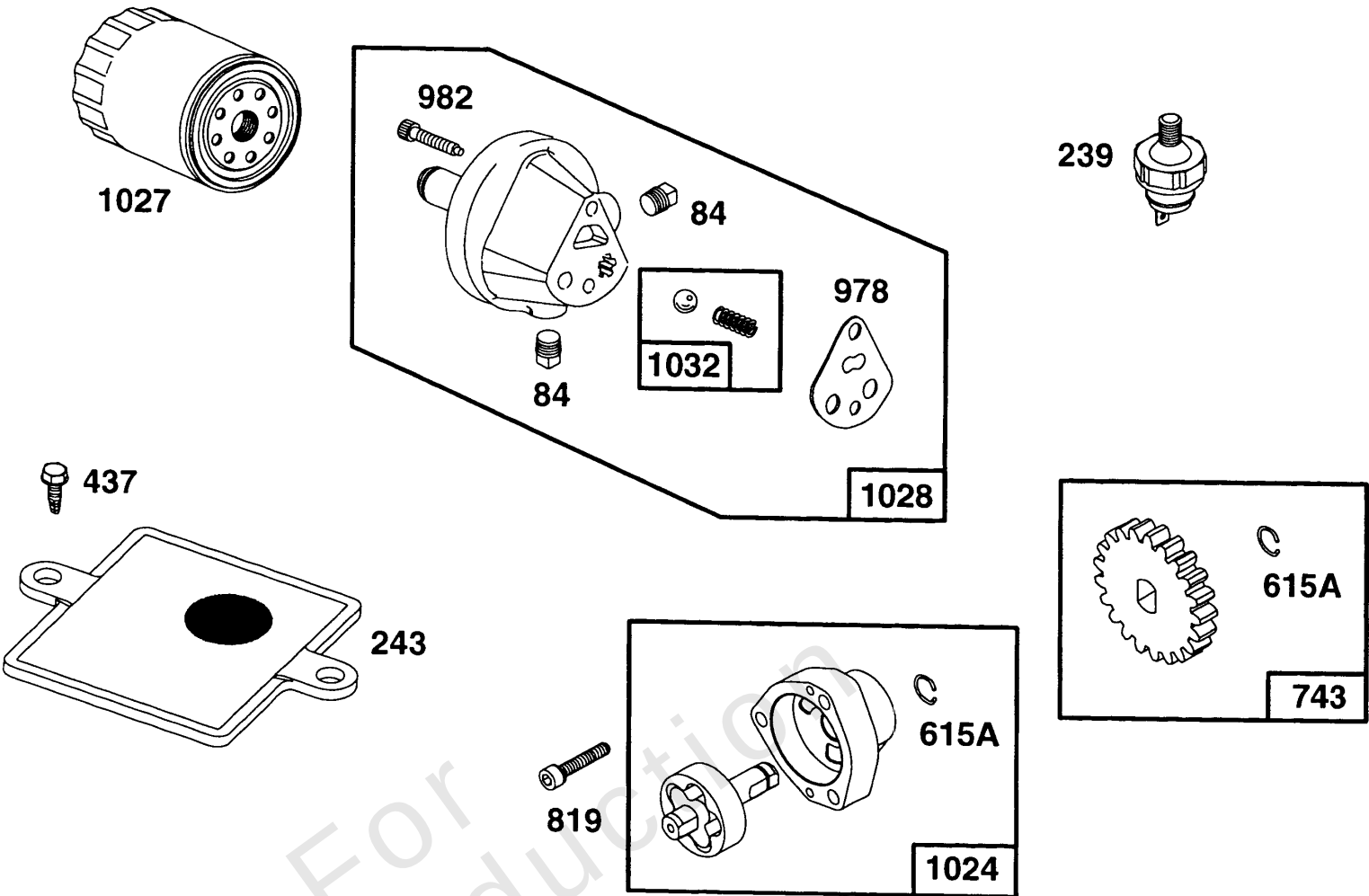
Gasket Sets

REF NO	PART NO	QTY	DESCRIPTION
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	271170		SEAL, O-Ring -Included in Gasket Set-Part No. 491856
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)
868	393606		SEAL, Valve -Included in Valve Overhaul Kit-Part No. 498047
883	272250		GASKET, Exhaust -Included in Gasket Set-Part No. 491856
978	272060		GASKET, Oil Adapter -Included in Gasket Set-Part No. 491856
1033	498047		GASKET SET, Valve



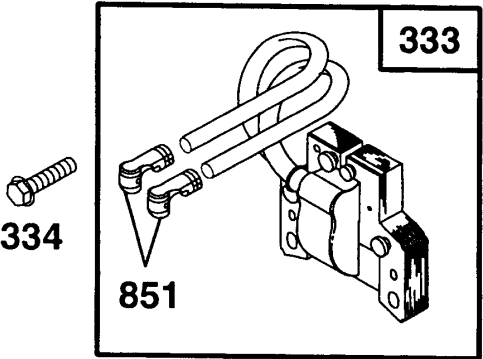
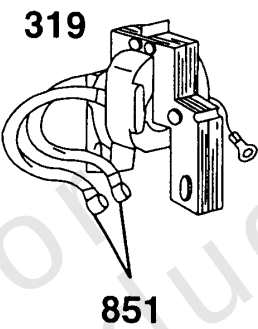
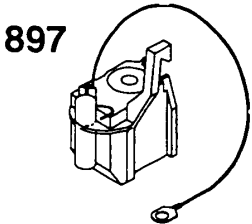
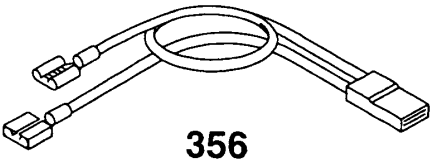
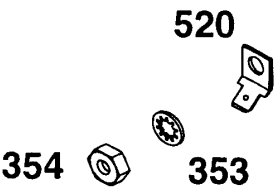
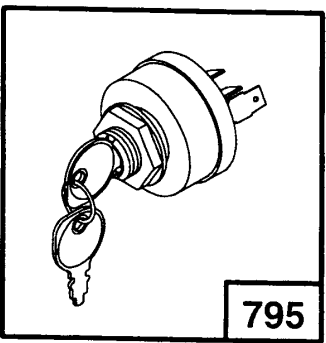
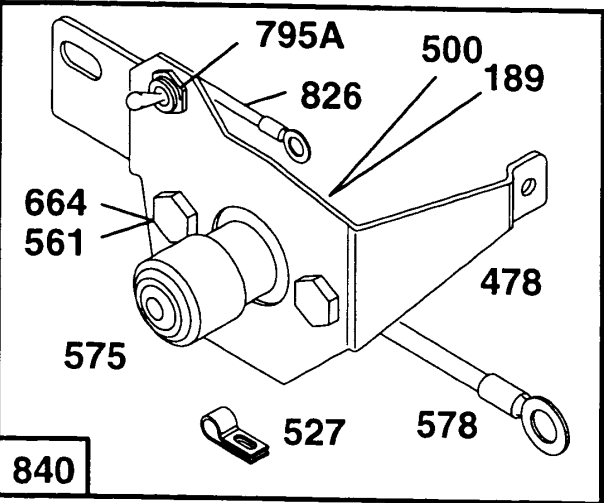
Mufflers and Deflectors

REF NO	PART NO	QTY	DESCRIPTION
53	94881		SCREW
81	223016		LOCK, Muffler Screw
300A	399635		MUFFLER -(Square Lo Tone)
300	491307		MUFFLER
346	93705		SCREW -(8-32 X 3/8)
613	93927		SCREW -(Muffler)
676	393761		DEFLECTOR, Muffler -(Side Outlet)
864B	490357		ADAPTER, Muffler -(Cylinder 2)
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



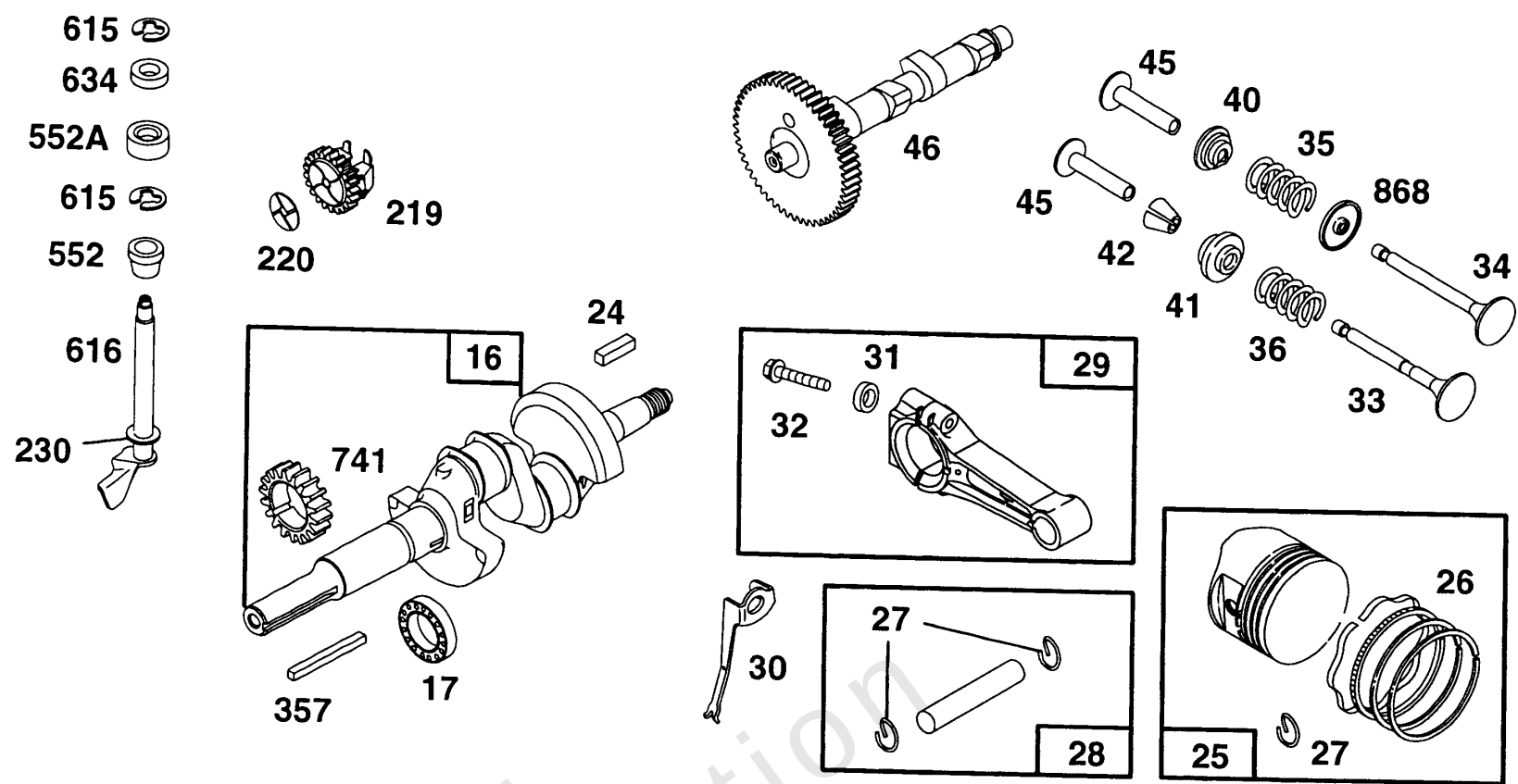
Oil Pump and Oil Filter

REF NO	PART NO	QTY	DESCRIPTION
84	91488		PLUG -(1/8)
239	491657		SWITCH, Oil Pressure
243	491289		SCREEN, Oil Pump
437	94386		SCREW
615A	94412		RING, Retaining
743	491801		GEAR, Drive -(Oil Pump)
819	94366		SCREW
978	272060		GASKET, Oil Adapter -Included in Gasket Set-Part No. 491856
982	94362		SCREW
1024	491708		PUMP, Oil
1027	491056		FILTER-OIL -(3-1/4)
1028	491721		ADAPTER, Oil Filter
1028	492675		ADAPTER, Remote Oil Filter
1032	491710		SPRING, Compression



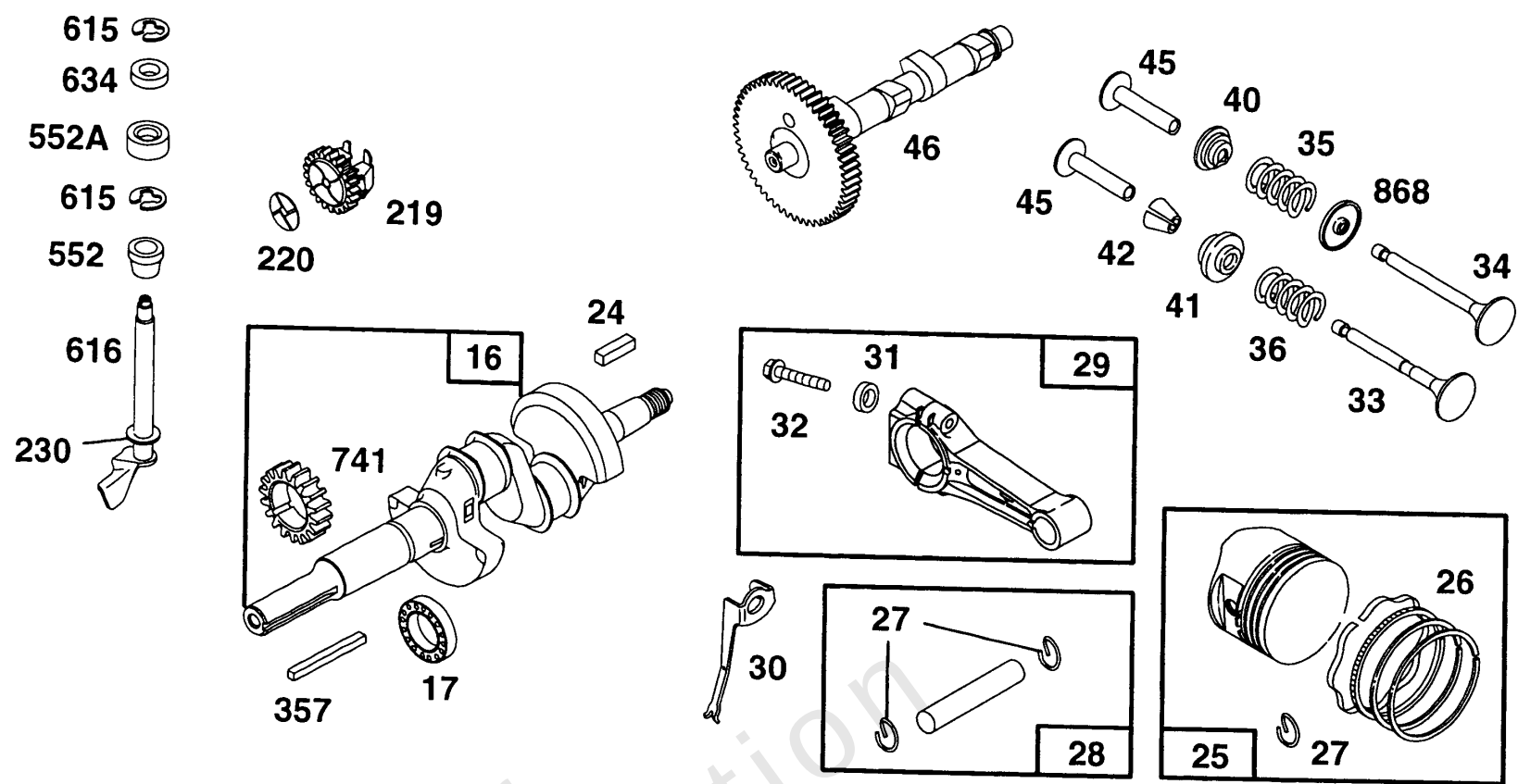
Panel Kits, Electrical Parts

REF NO	PART NO	QTY	DESCRIPTION
189	90366		WASHER
319	394988		ARMATURE, Magneto
333	394891		ARMATURE, Magneto -(Magnetron Ignition)
334	93381		SCREW
353	67072		WASHER -(Stop Switch Bracket)
353	92791		WASHER
354	90576		NUT -(Ground Terminal)
356	491391		WIRE, Stop
478	223106		BRACKET, Stopswitch -(Toggle Switch)
478	223144		BRACKET, Stopswitch -(Key Switch)
500	91325		WASHER
520	93722		TERMINAL, Ground
527	220162		CLIP, Wire
561	92278		NUT -(Starting Switch)
575	299139		SWITCH, Starting
578	394518		WIRE ASSEMBLY
664	93415		SCREW -(1/4-20 X 3/4)
795A	392697		SWITCH, Toggle -(Toggle Switch) Use(s): 93888 Nut-Hex.
795A	392833		SWITCH, Key -Include(s): 392832 Key Set
795	493625		SWITCH, Key -(Includes Keys) Include(s): 392832 Key Set
826	394667		WIRE, Stop
840	394583		KIT, Panel -(Toggle Switch)
840	396573		KIT, Panel -(Key Switch)
851	221798		TERMINAL, Spark Plug
897	394970		KIT, Magnetron Ignition



Piston Group, Crankshaft

REF NO	PART NO	QTY	DESCRIPTION
16	492227		CRANKSHAFT -For Timing Gear Key-Order Part No. 94196
17	393741		BEARING, Ball -(PTO Side)
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	492667		ROD, Connecting -(Standard)
29	492911		ROD, Connecting -(.020 Undersize)
30	222480		DIPPER, Connecting Rod
31	220863		WASHER -(1/4 X 5/8 X 1/32) -Used Before Code Date 92090300
32	92909		SCREW -Used Before Code Date 92090400
32	94671		SCREW -Used After Code Date 92090300
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
219	394348		GEAR, Governor
220	222773		WASHER, Thrust
230	223882		WASHER
357	91540		KEY, Drive Pulley -(1/4)



Piston Group, Crankshaft

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
868	393606		SEAL, Valve -Included in Valve Overhaul Kit-Part No. 498047

Replacement Engine - US & Canada

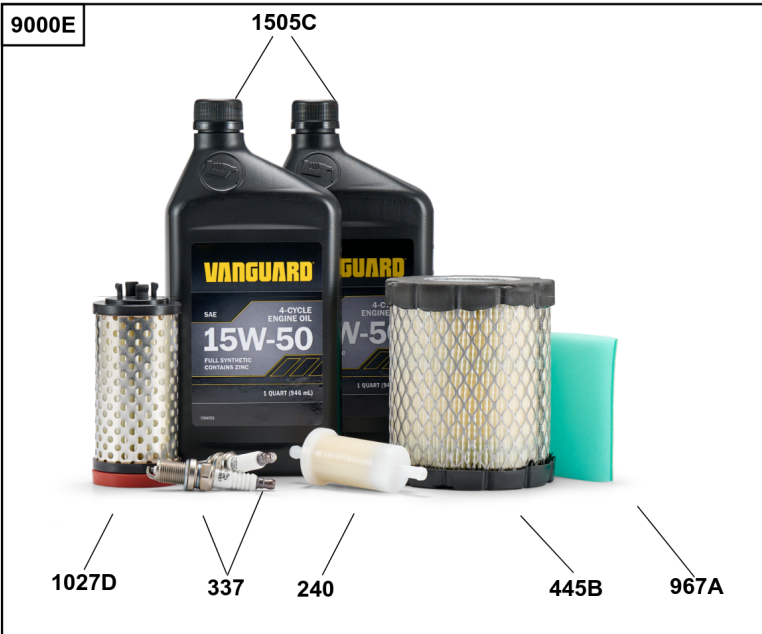
REF NO	PART NO	QTY	DESCRIPTION
	-----		Top No-Load Speed: 3400 -Trim: ALL
	-----		Idle Speed: 1750

Not For Reproduction



Model 40, 44 & 49 Engine Accessories Catalog

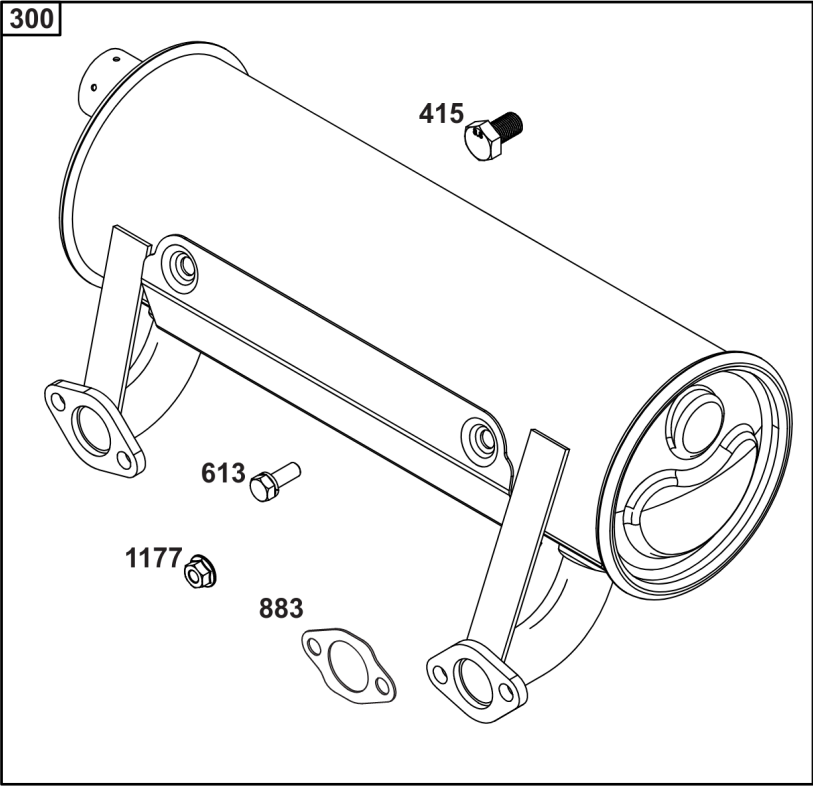
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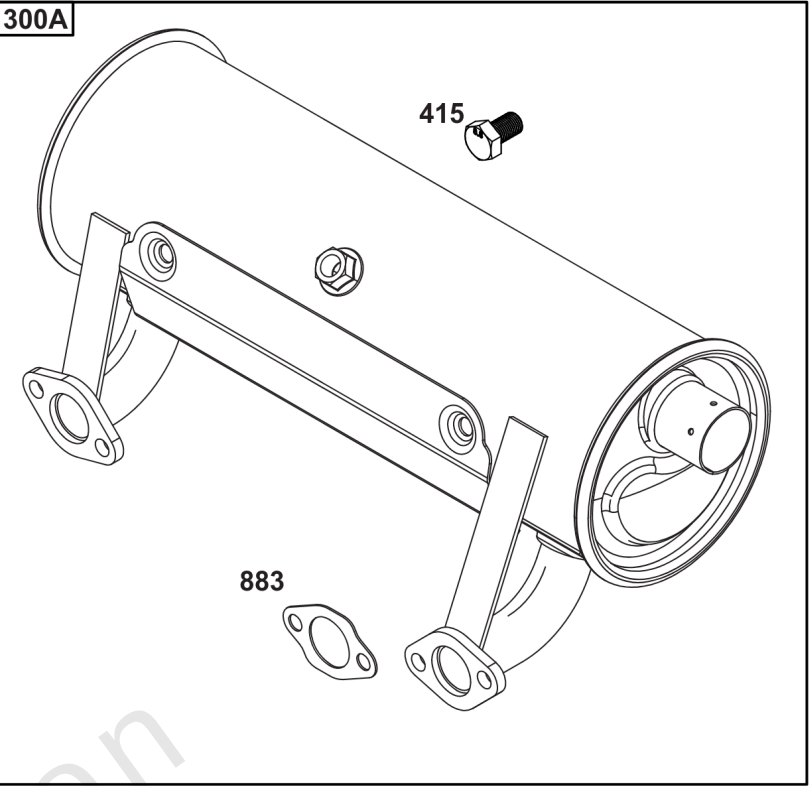
Maintenance Kits

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)

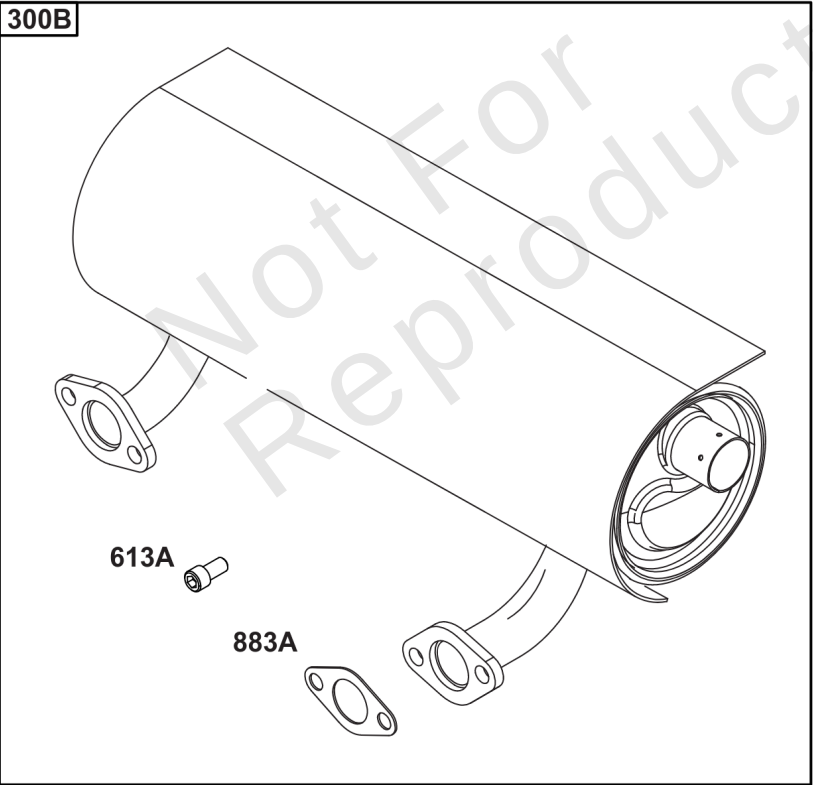
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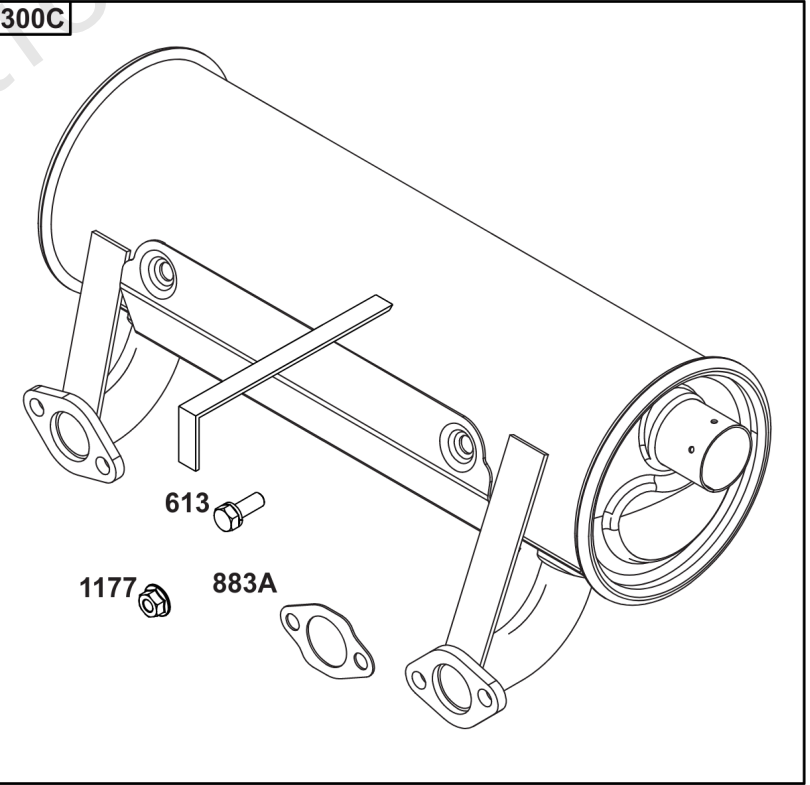
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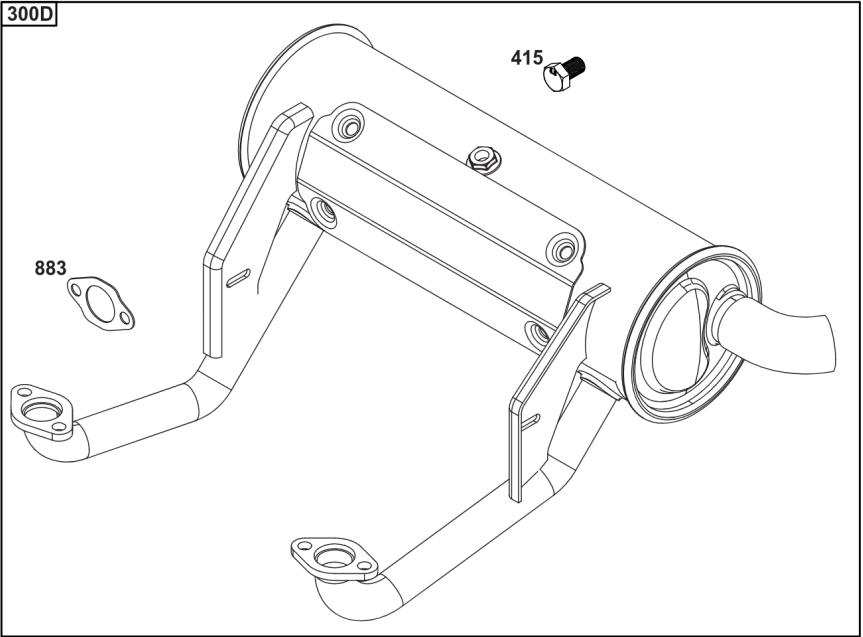
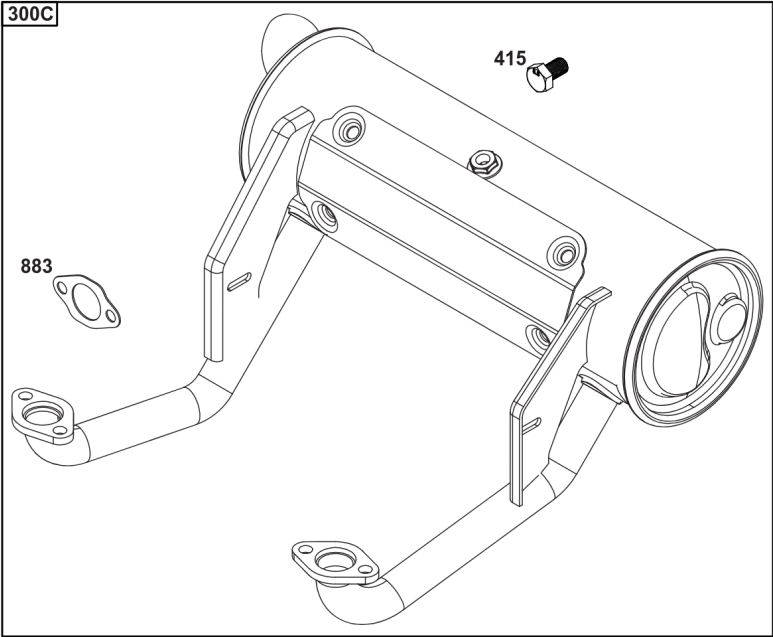


300C



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)



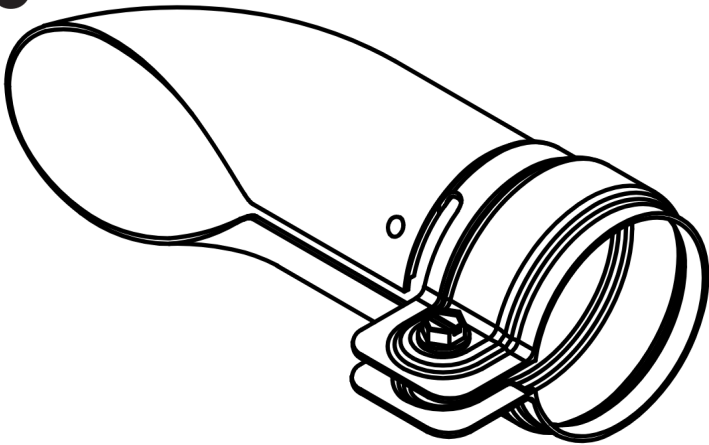
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Engine Mounted Above Deck Mufflers

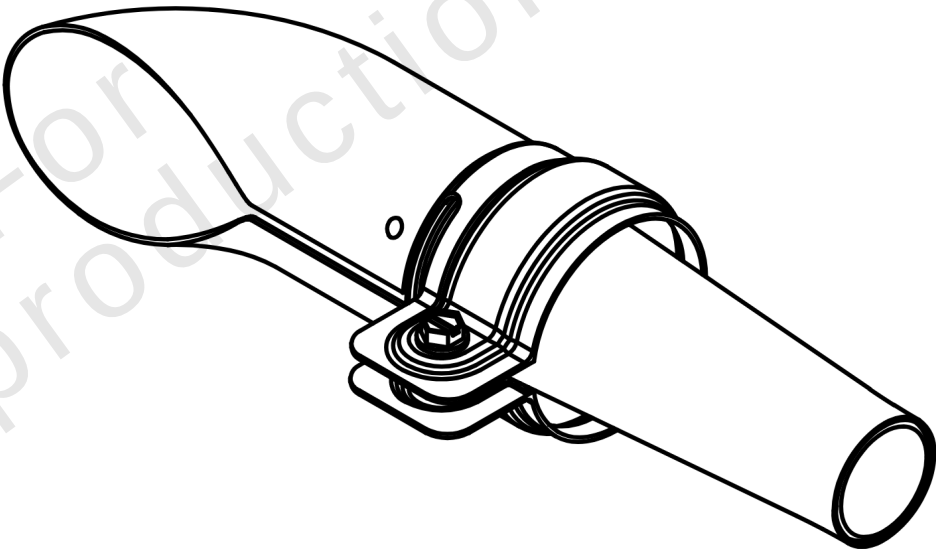
REF NO	PART NO	QTY	DESCRIPTION
300C	595138	1	MUFFLER -(Oil Filter Side Outlet) (Self-Supporting) (O2 Sensor Port)
300D	595139	1	MUFFLER -(Starter Side Outlet) (Self-Supporting) (O2 Sensor Port)
415	596859	1	PLUG -(O2 Sensor Port)
883	594365	2	GASKET, Exhaust

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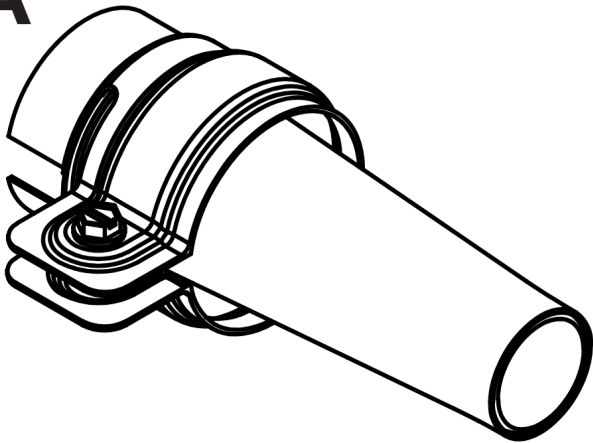
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994



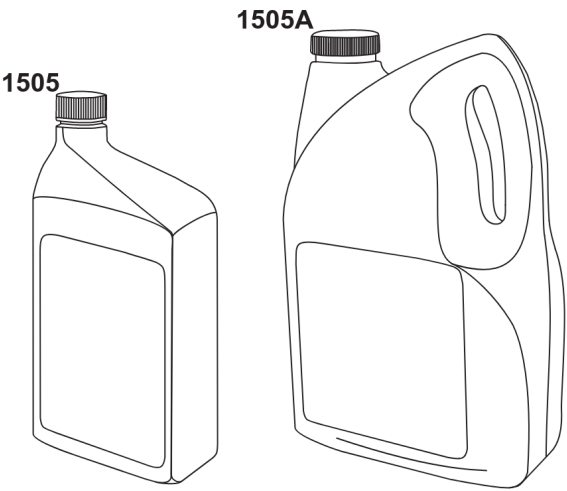
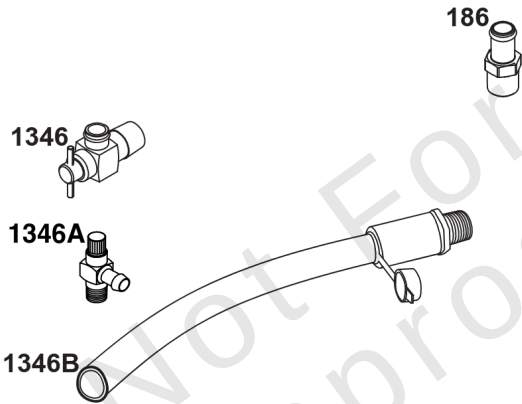
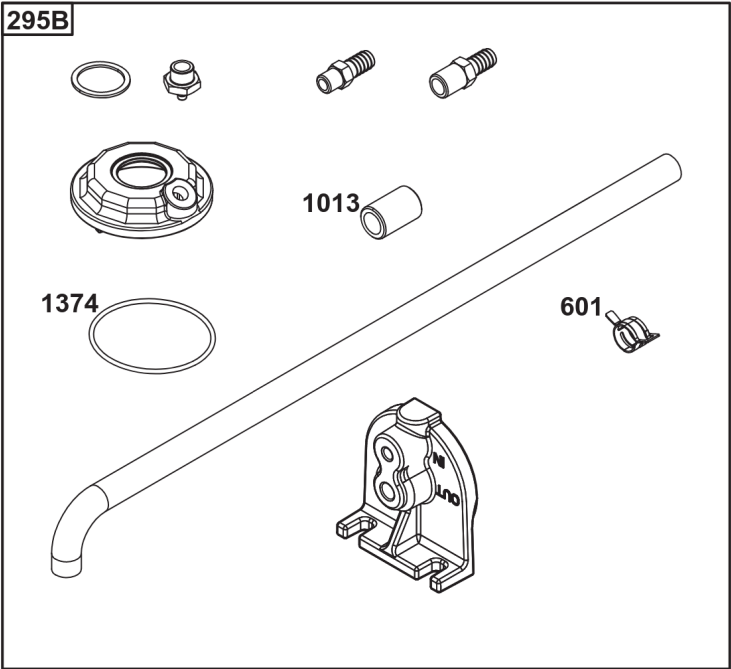
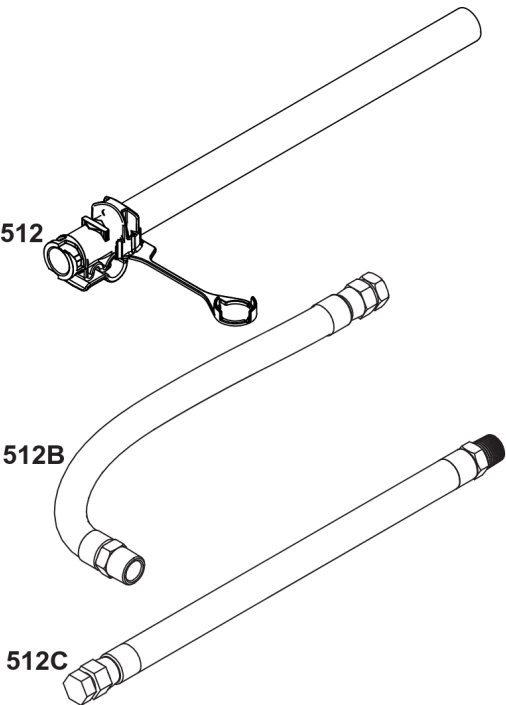
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Spark Arrester/Deflector

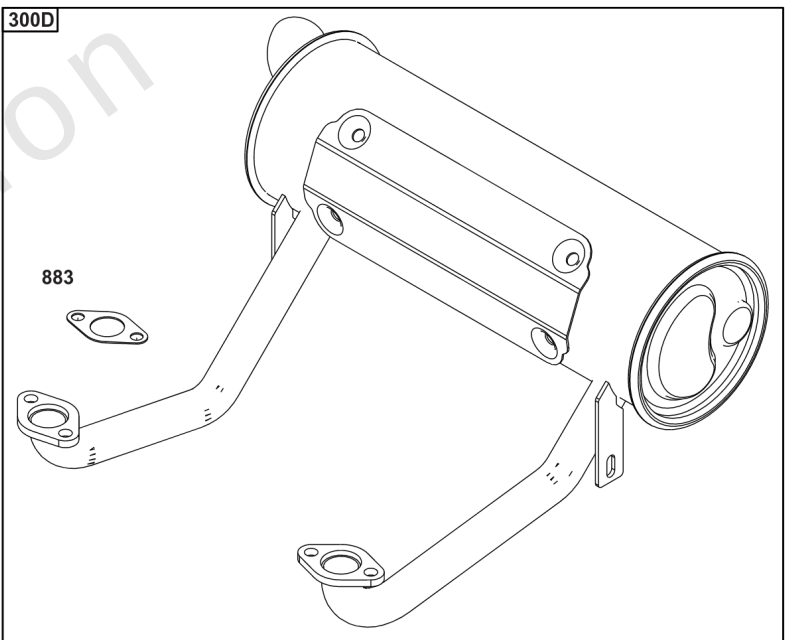
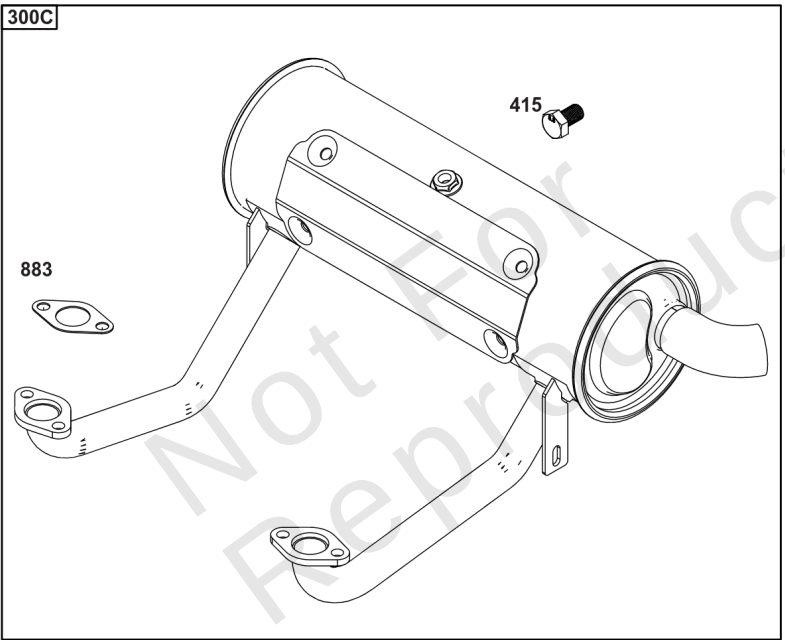
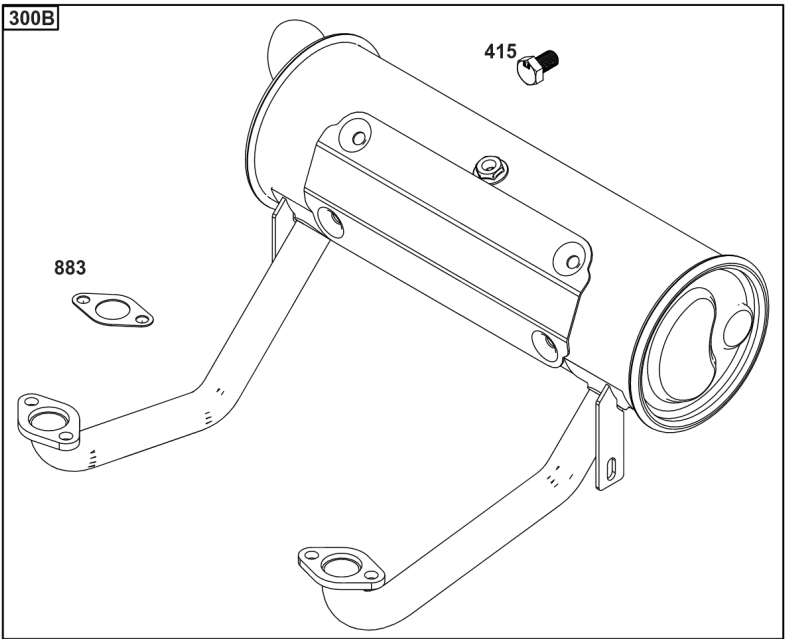
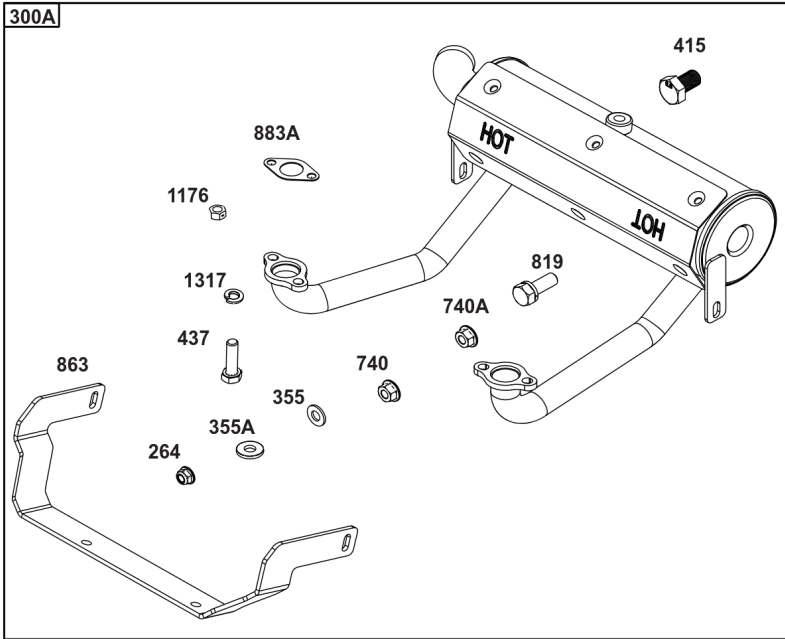
REF NO	PART NO	QTY	DESCRIPTION
676	593869	1	DEFLECTOR, Muffler -(For Below Deck Mufflers Only)
994	593885	1	ARRESTOR, Spark -(For Below Deck Mufflers Only)
994A	593868	1	ARRESTOR, Spark -(For Below Deck Mufflers Only)

Not For Reproduction



Lubrication

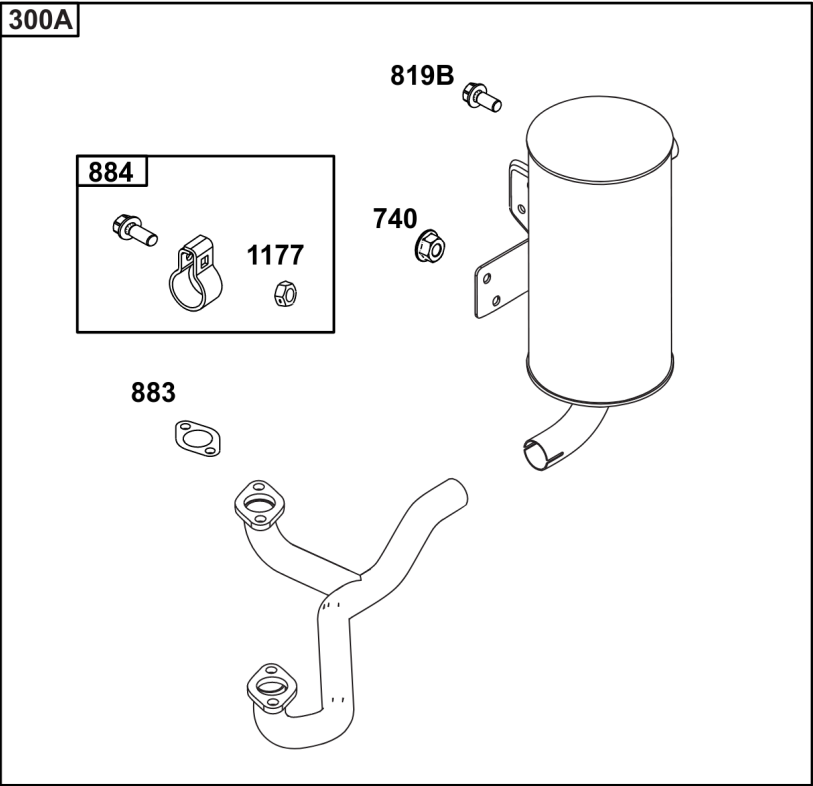
REF NO	PART NO	QTY	DESCRIPTION
186	796532	1	CONNECTOR, Hose -(Threaded Engine Block Connector for EZ-Oil Drain Hose) (Order hose separate)
239	690233	1	SWITCH, Oil Pressure -(2-4 PSI Normally-Closed Switch)
239A	491657S	1	SWITCH, Oil Pressure -(3-5 PSI Normally-Closed Switch)
239B	841281	1	SWITCH, Oil 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)



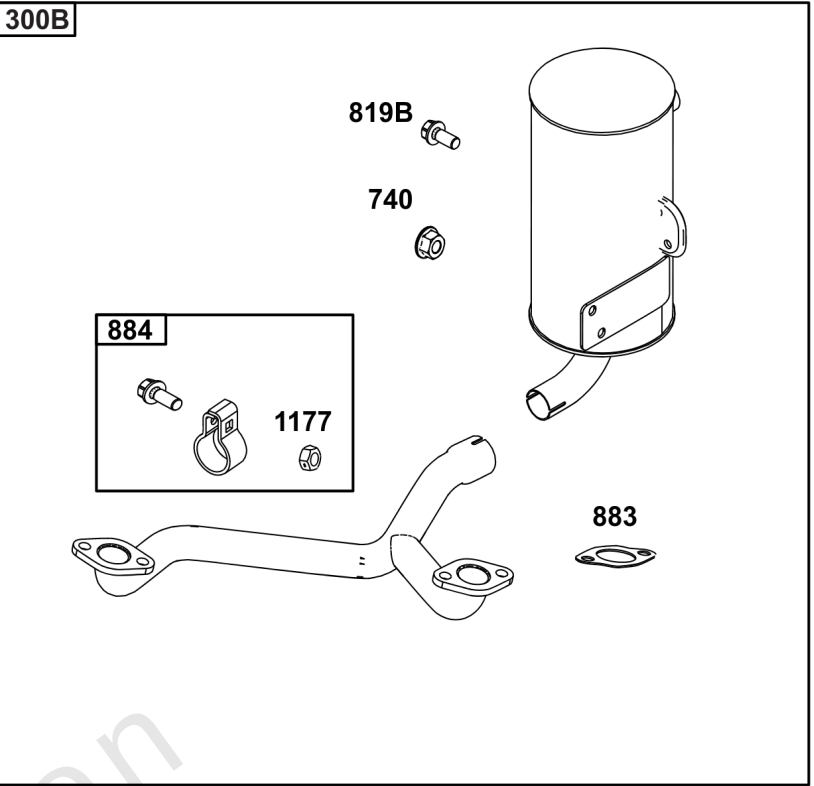
Implement Mounted Above Deck Mufflers

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)

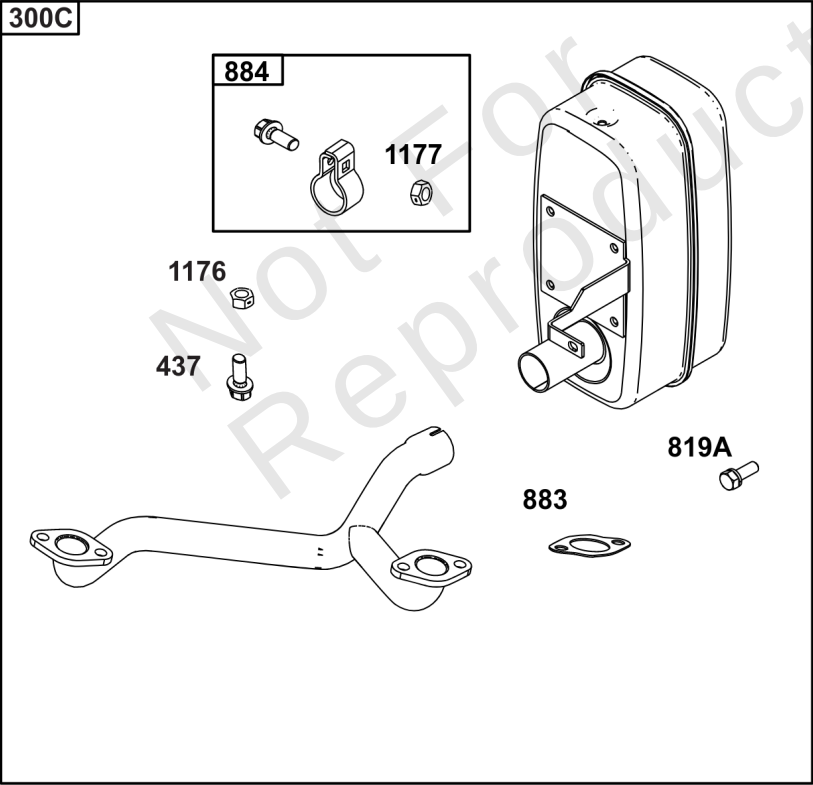
300A



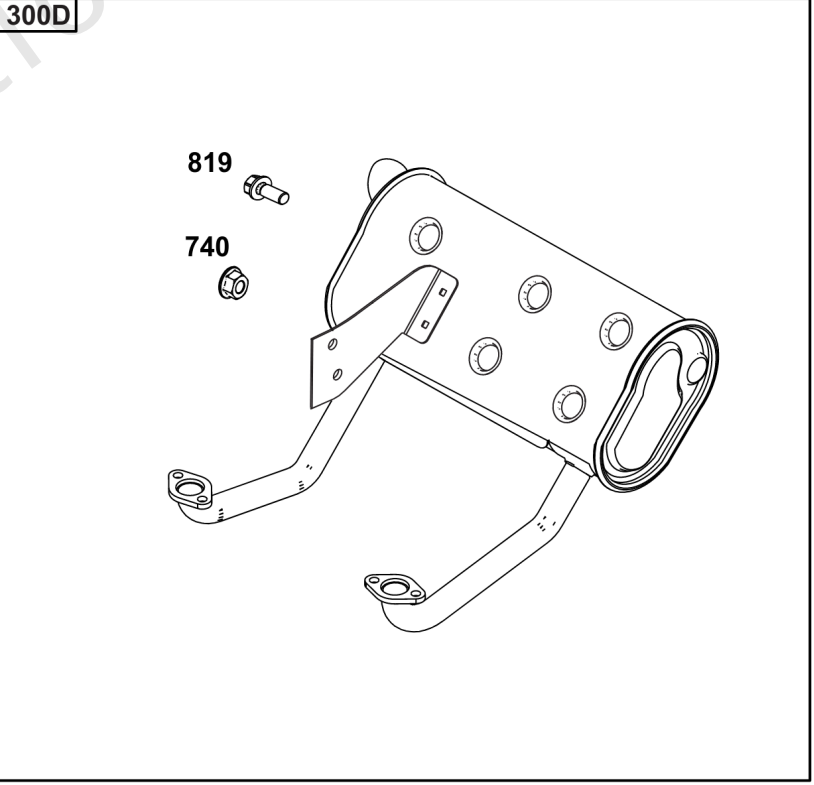
300B



300C

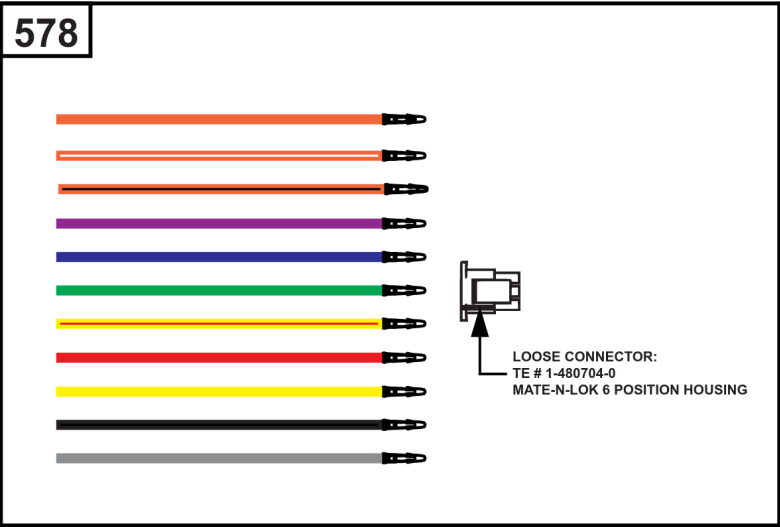
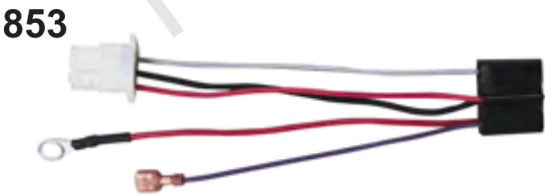
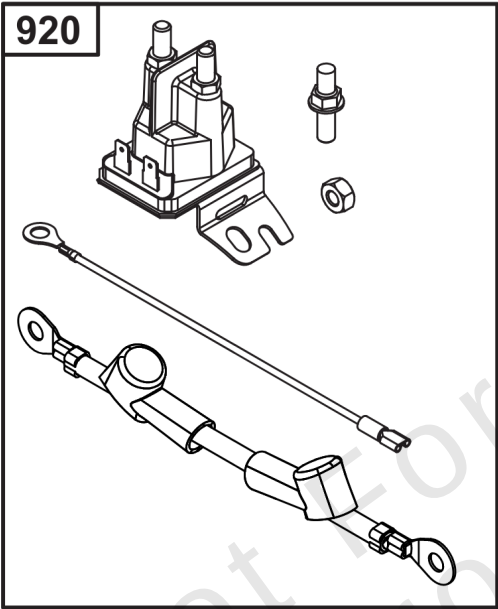
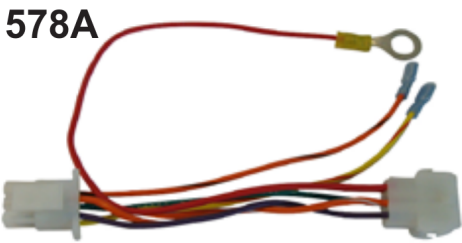


300D



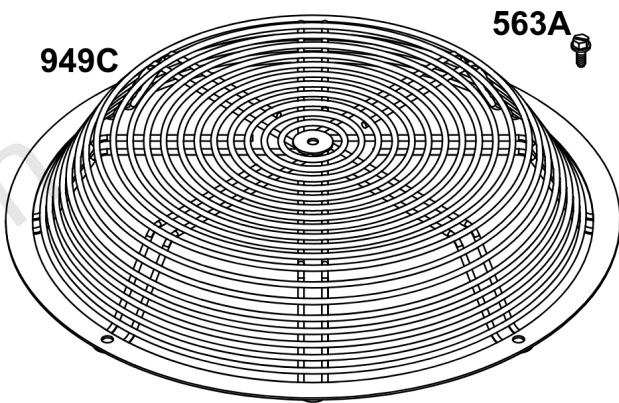
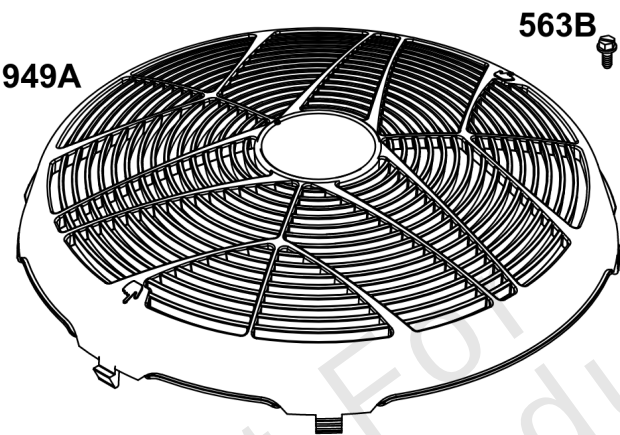
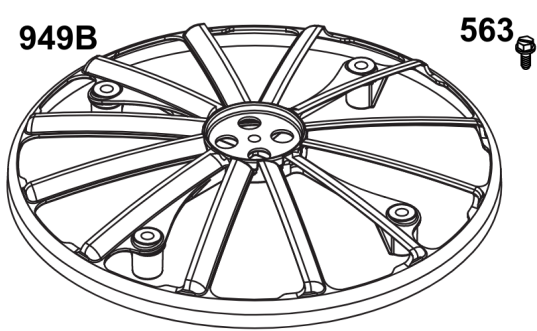
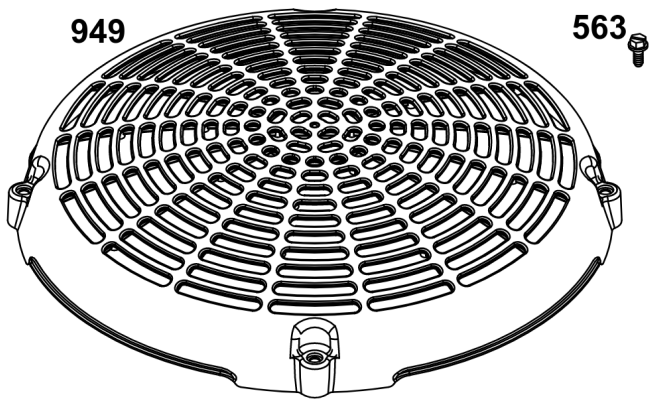
Exhaust/Muffler Configurations

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)



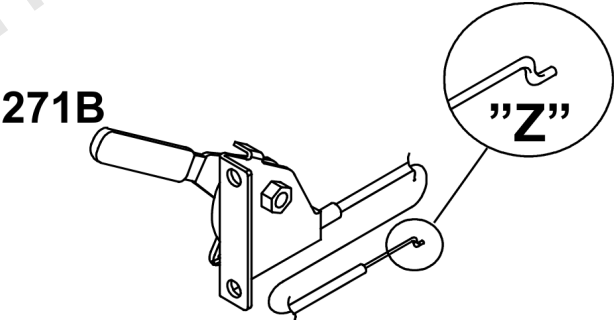
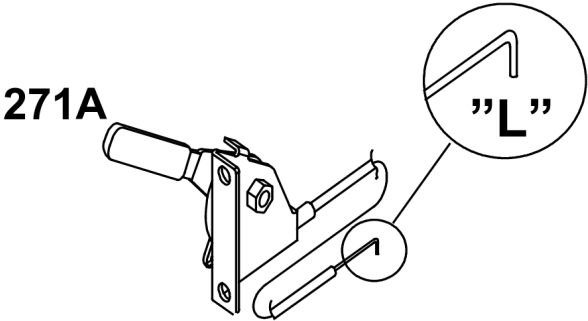
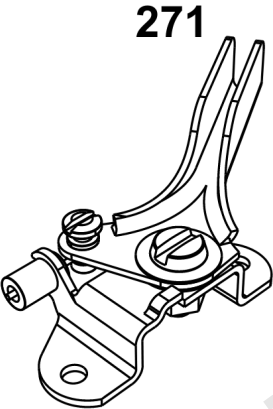
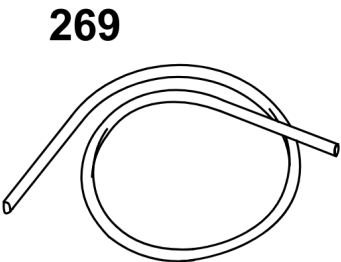
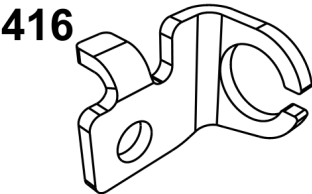
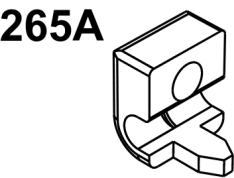
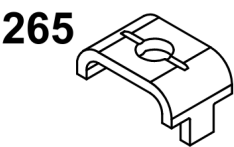
Electrical

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)



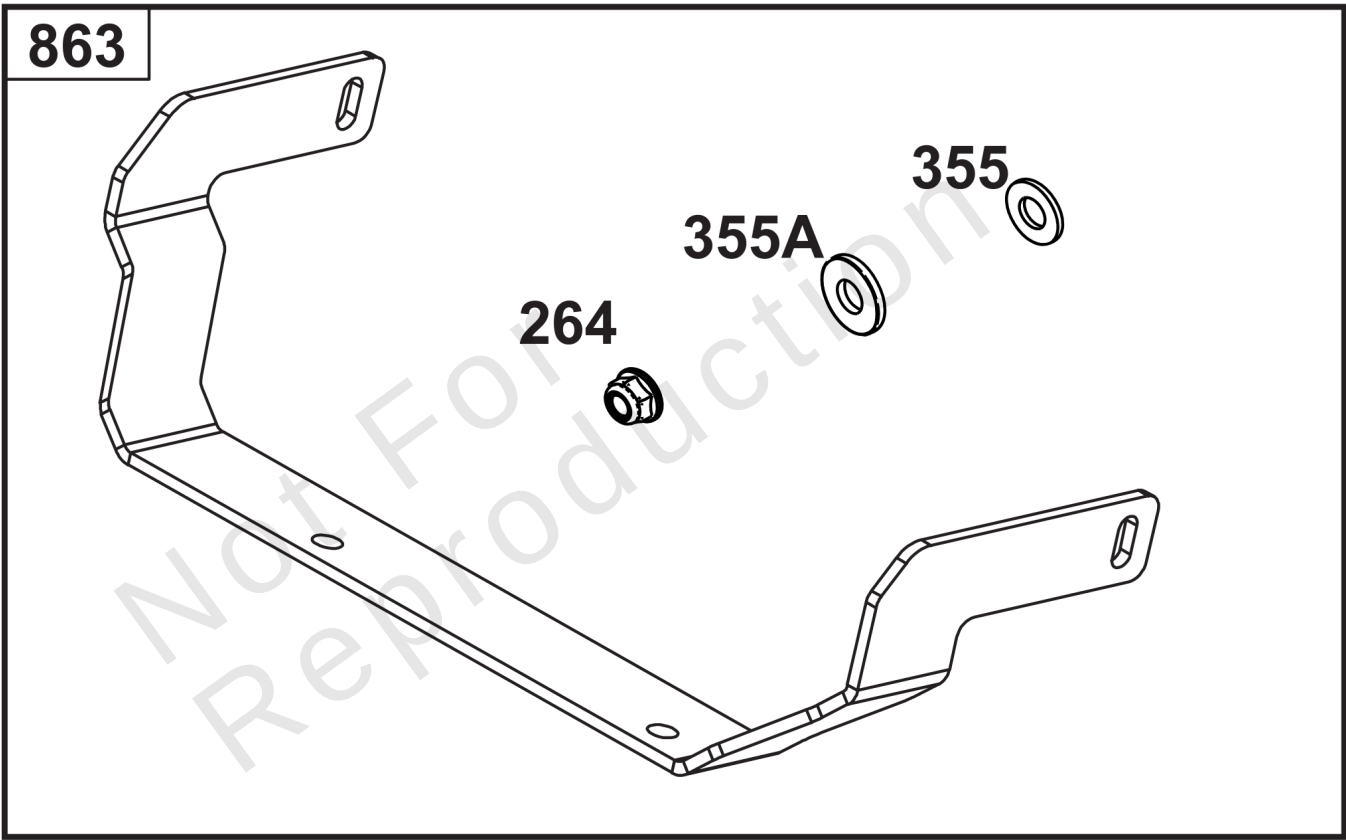
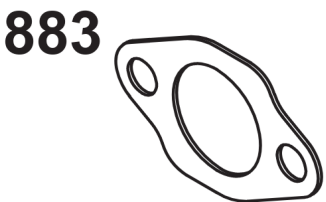
Flywheel Guards

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)

