

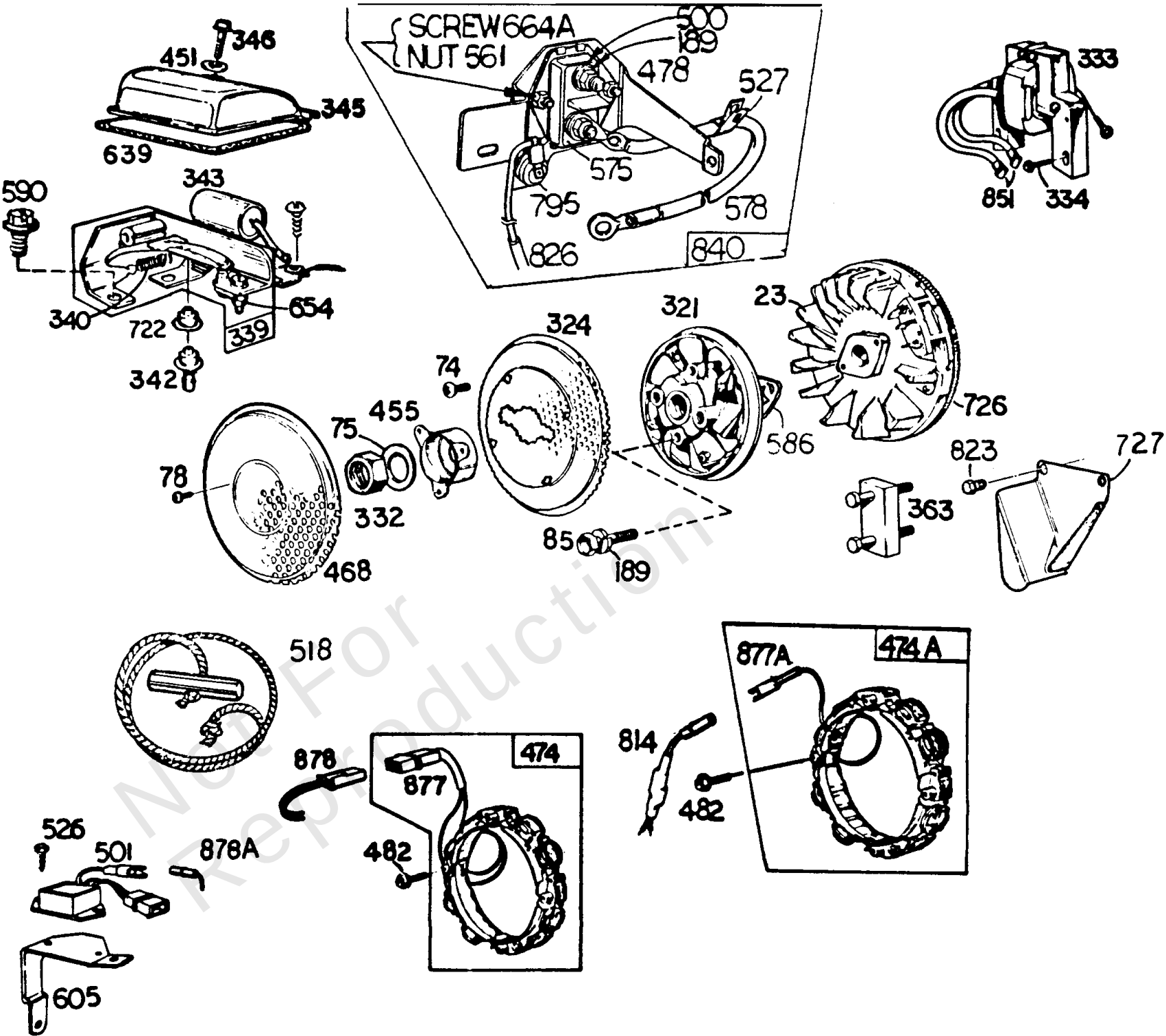


Parts Manual

Mfg. No: 421417-0011-99

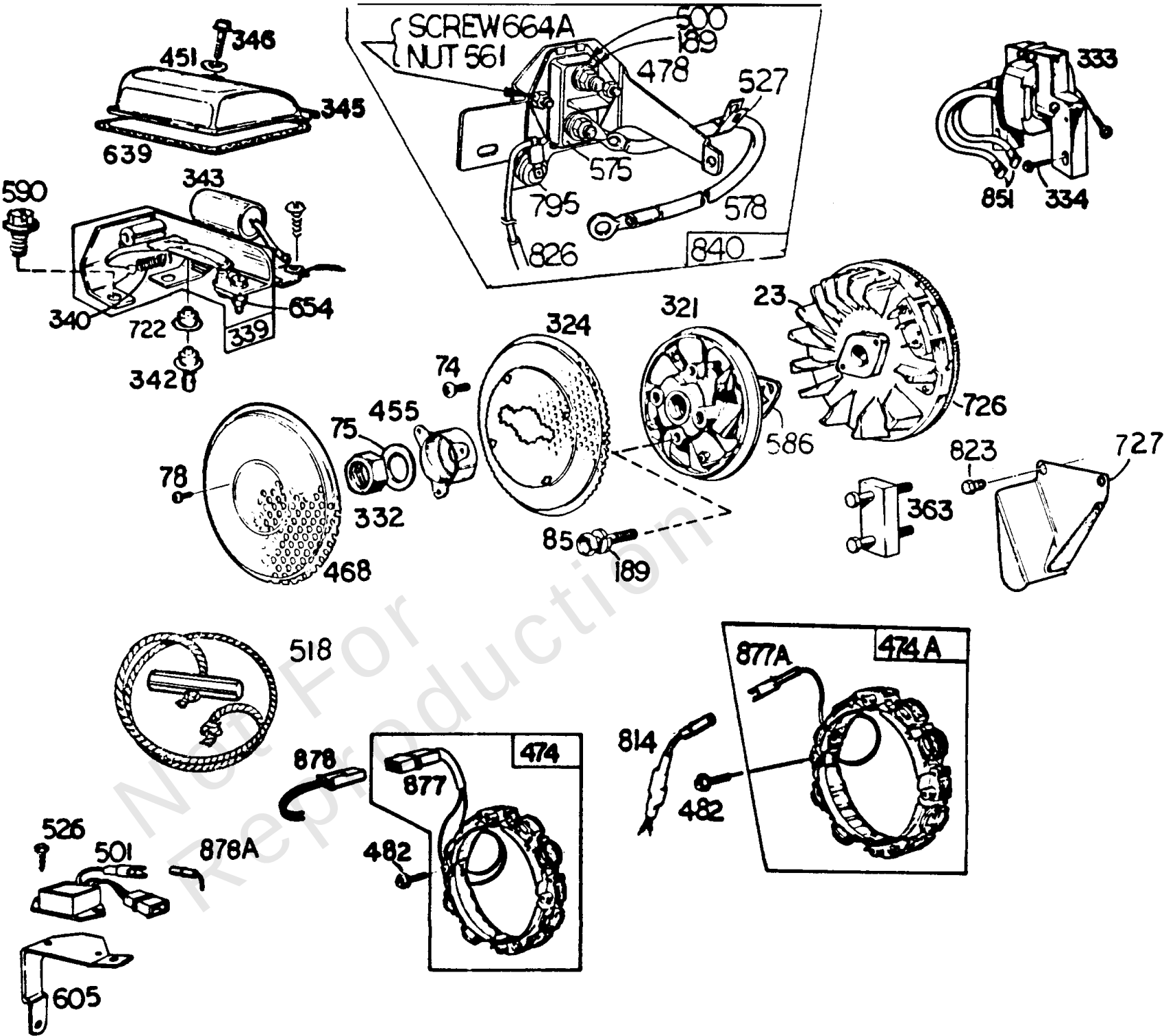
Model Components	Page
Alternators,Flywheel,Screens.	4
BlowerHsg,Mufflers,Shielding.	8
Carburetor Assembly, A/C.	10
Cylinder,Cylinder Heads,Sump.	16
Electric Starter and Chart.	22
Replacement Engine - US & Canada.	24
Rewind Starter Assembly.	25

Not For
Reproduction



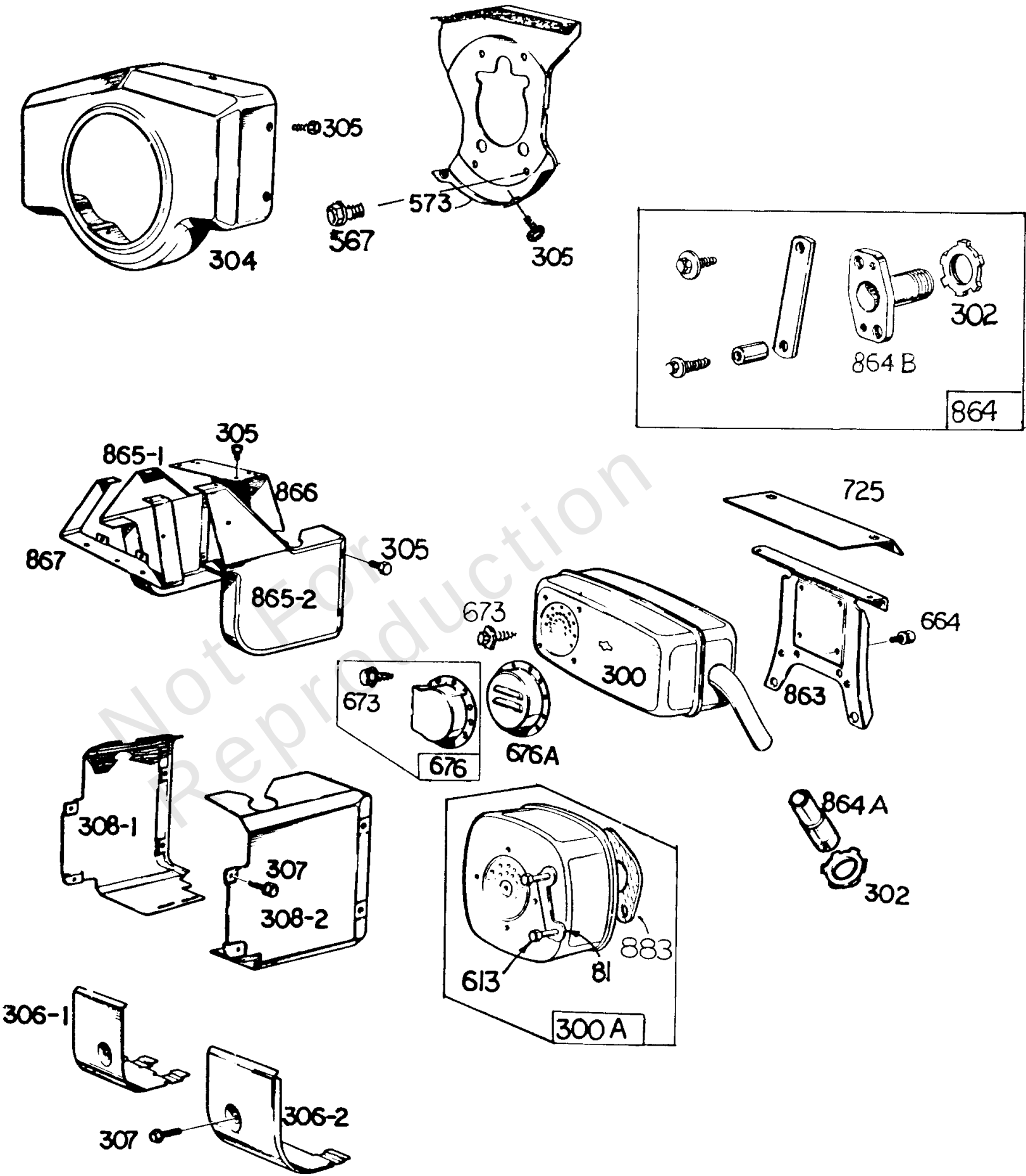
Alternators, Flywheel, Screens

REF NO	PART NO	QTY	DESCRIPTION
23	393480		FLYWHEEL -(16 Amp)
74	93808		SCREW
75	222511		WASHER -(Spring)
78	93805		SCREW
85	92674		SCREW -(2-7/16)
189	90366		WASHER
321	212370		FAN, Booster -(8)
324	222856		SCREEN, Rotating
324	222872		SCREEN, Rotating
332	230674		NUT
333	392329		ARMATURE, Magneto
334	93381		SCREW
339	393403		BREAKER, Ignition
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
474A	392595		ALTERNATOR -(Tri Circuit) (9 Amp Regulated)
474	393295		ALTERNATOR -(Uses Ref. 878A) (10, 13, or 16 Amp-Depending on Size of Flywheel Magnets) (Regulated)
474	393474		ALTERNATOR -(Dual Circuit)
478	223106		BRACKET, Stopswitch -(Toggle Switch)
482	93621		SCREW -(Tapping)
500	91325		WASHER
501	394890		REGULATOR -(10, 13, or 16 Amp, Depending on Size of Flywheel Magnets)
518	69932		GRIP, Starter Rope
526	93343		SCREW -(Control Panel)
527	220509		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
639	271039		GASKET, Breather -Included in Gasket Set-Part No. 394501
654	230783		NUT



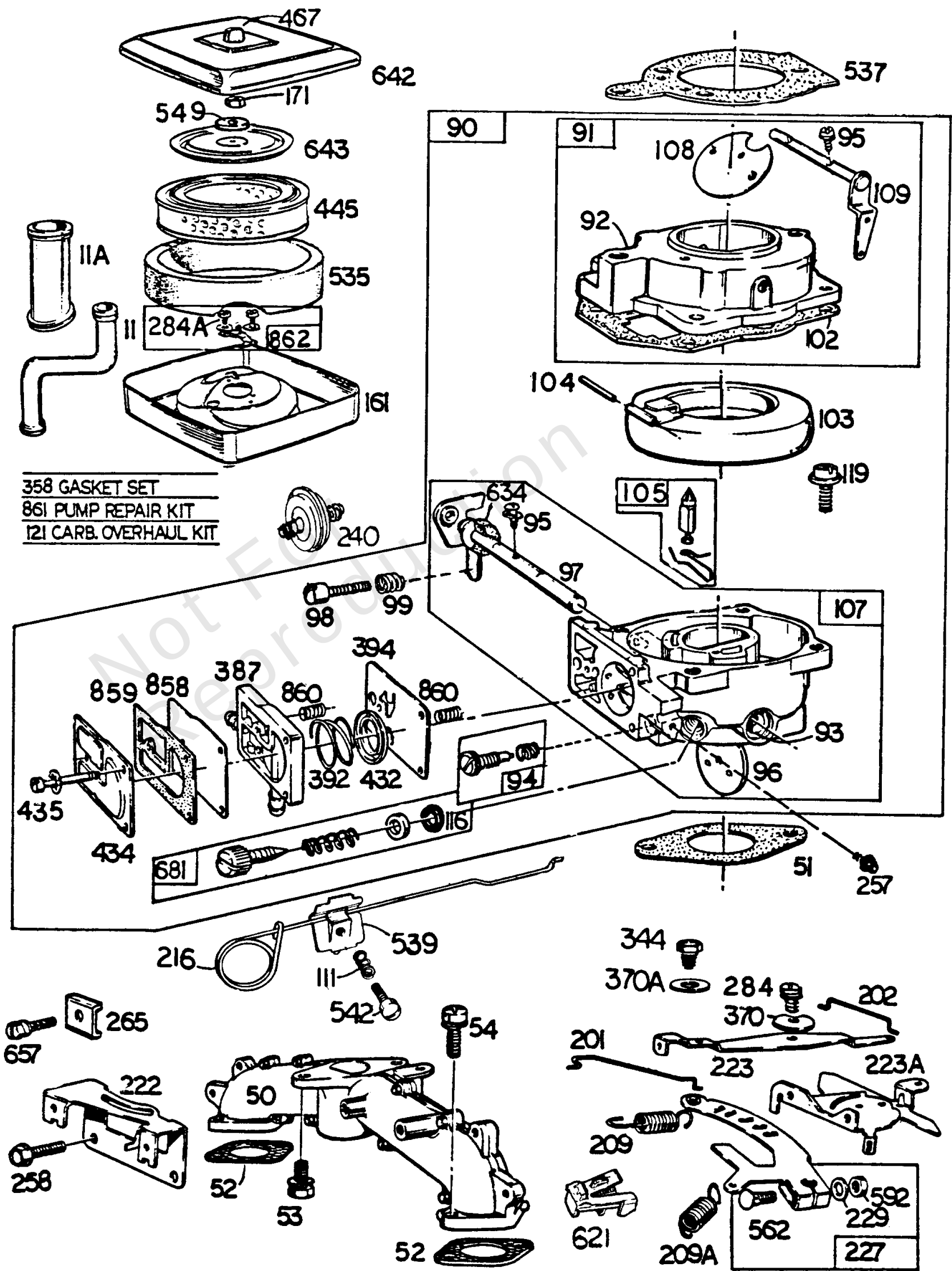
Alternators, Flywheel, Screens

REF NO	PART NO	QTY	DESCRIPTION
722	280222		SEAL, Plunger
726	391362		GEAR, Ring -(Includes Mounting Hardware)
727	222987		GUARD, Flywheel
795	392697		SWITCH, Toggle -(Toggle Switch) Uses: 93888 Nut-Hex.
814	392606		HARNESS, Alternator -(Tri Circuit)
823	93535		SCREW -(5/16-18 X 3/4)
826	394667		WIRE, Stop
840	394583		KIT, Panel -(Toggle Switch)
851	221798		TERMINAL, Spark Plug
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)



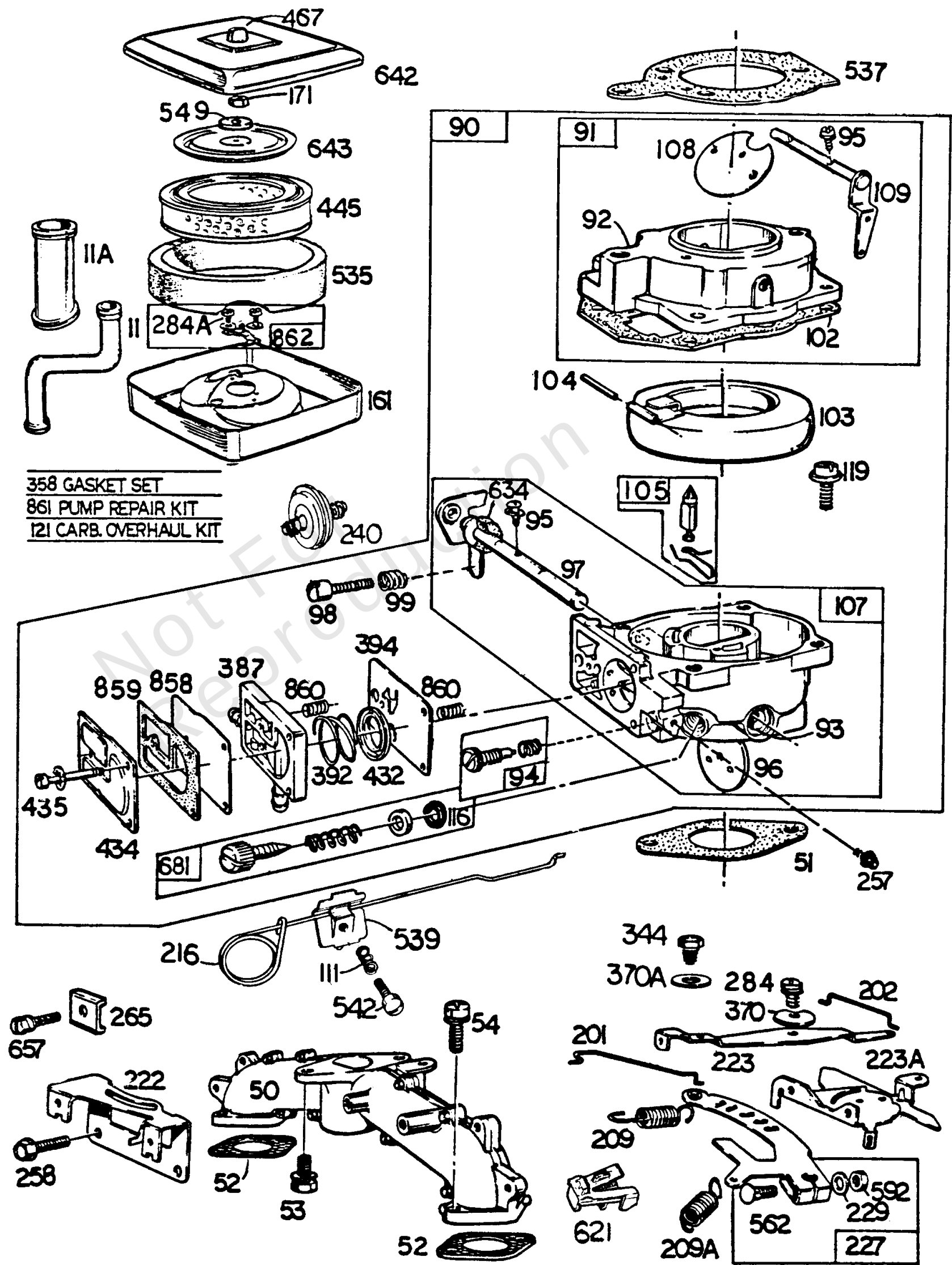
BlowerHsg,Mufflers,Shielding

REF NO	PART NO	QTY	DESCRIPTION
81	223016		LOCK, Muffler Screw
300A	394237		MUFFLER
300	394200		MUFFLER
302	261409		LOCKNUT -(Muffler and Elbow)
304	392681		HOUSING, Blower
305	93158		SCREW -(1/4-20 X 5/8)
306-1	222846		SHIELD, Cylinder
306-2	222847		SHIELD, Cylinder -Use on Engines with 3-5/8 or Shorter Starter Motor
307	93163		SCREW
308-2	222849		COVER, Air Guide
308-1	222848		COVER, Air Guide
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
725	222981		SHIELD, Heat
863	222776		BRACKET, Muffler
864A	231162		ADAPTER, Muffler
864B	392196		ADAPTER, Muffler
864	394425		ADAPTER, Muffler
865-2	392992		COVER, Cylinder Head -(Cylinder 2)
865-1	392991		COVER, Cylinder Head -(Cylinder 1)
866	393025		COVER, Air Guide
867	222775		FRAME, Air Guide
883	270917		GASKET, Exhaust



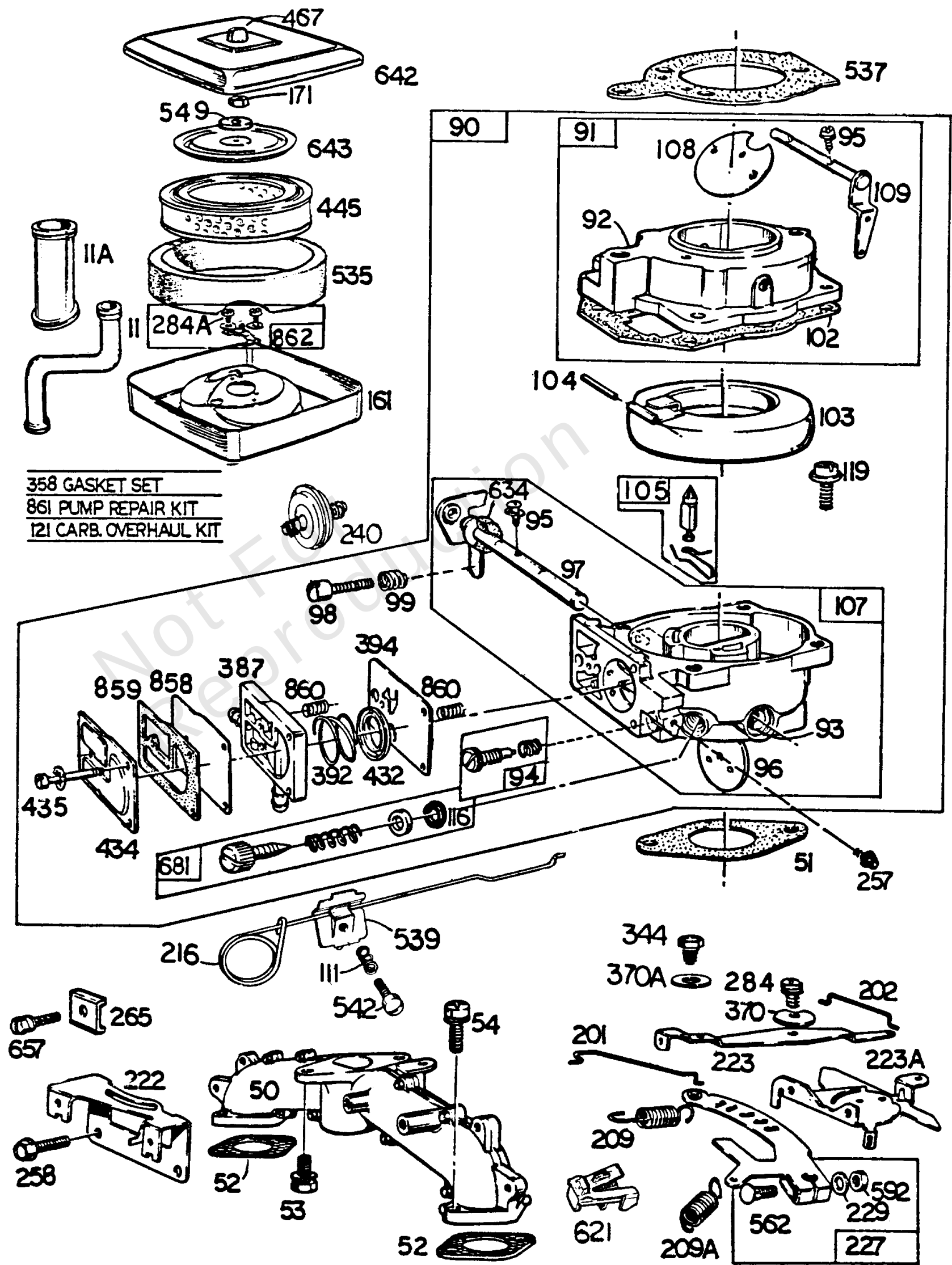
Carburetor Assembly, A/C

REF NO	PART NO	QTY	DESCRIPTION
11A	280198		MANIFOLD, Intake
11	280185		TUBE, Breather
50	392970		MANIFOLD, Intake
51	271412		GASKET, Intake -Included in Gasket Set-Part No. 394501. Included in Carburetor Overhaul Kit-Part No. 394502
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)
90	394338		CARBURETOR -(Remote Choke)
91	393297		BODY, Upper Carburetor
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
102	271008		GASKET, Carburetor Body -Included in Carburetor Overhaul Kit-Part No. 394502
103	298514		FLOAT, Carburetor
104	230896		PIN, Float Hinge -Included in Carburetor Overhaul Kit-Part No. 394502
105	299096		KIT, Needle/Seat -Included in Carburetor Overhaul Kit-Part No. 394502
107	394352		BODY, Lower Carburetor
108	222010		VALVE, Choke
109	392673		SHAFT, Choke
111	26155		SPRING, Friction
116	65978		SEAL, O-Ring -(Needle Valve) Included in Carburetor Overhaul Kit-Part No. 394502
119	93496		SCREW -(10-32 X 5/8)
121	394502		KIT, Carburetor Overhaul
161	222752		BASE, Air Cleaner
171	93715		NUT -(Starter Terminal)
201	261444		LINK, Choke
202	261531		LINK, Throttle
209A	261563		SPRING, Governor -(Idle)
209	261446		SPRING, Governor
216	261511		ROD, Choke
222	222807		BRACKET, Control
223A	394324		BRACKET, Governor Control
223	222828		LEVER, Speed Adjuster
227	393846		LEVER, Governor Control
229	222289		WASHER



Carburetor Assembly, A/C

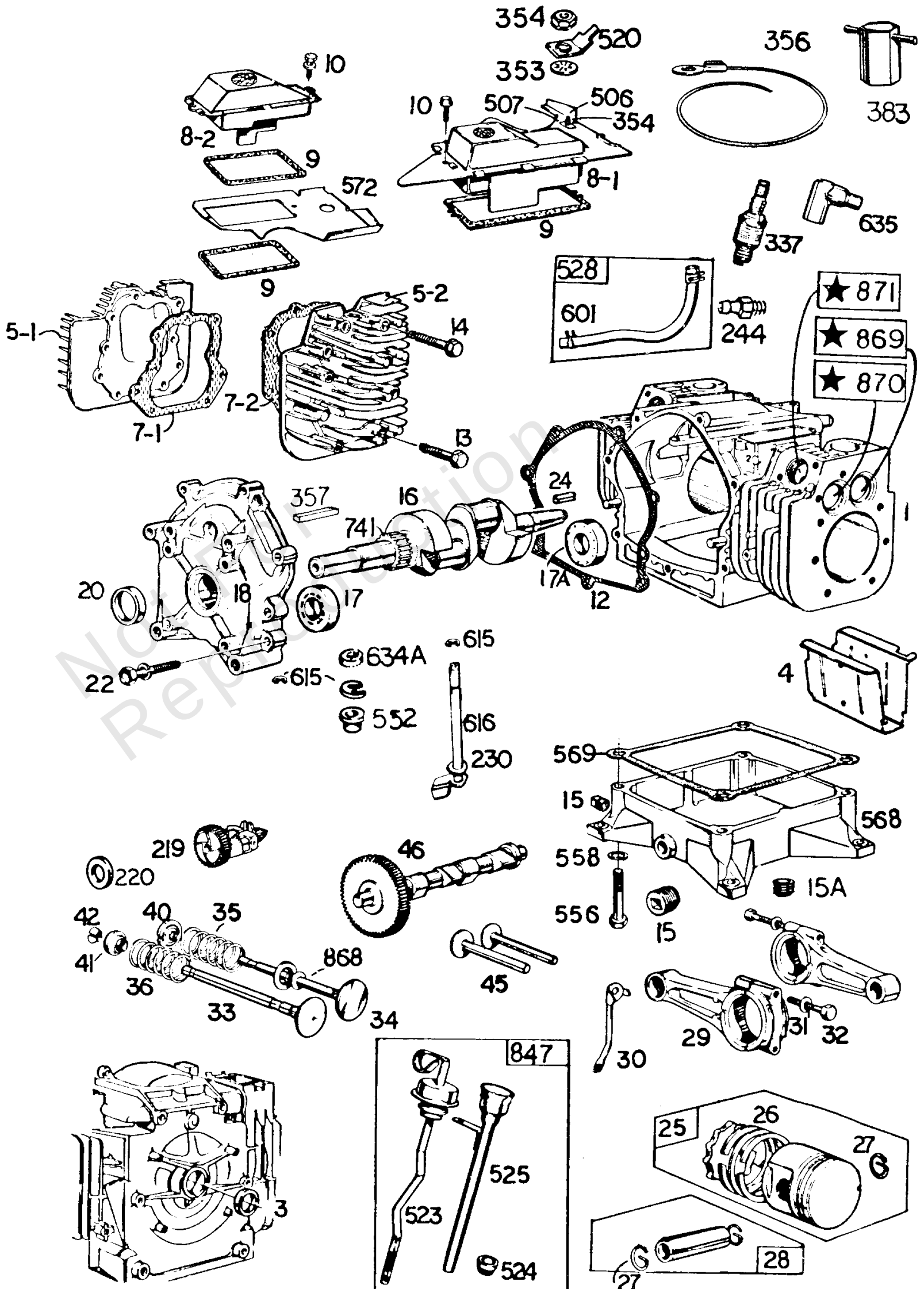
REF NO	PART NO	QTY	DESCRIPTION
240	394358		FILTER, Fuel -(Fuel Pump)
257	93897		SCREW
258	93868		SCREW -(Aluminum Manifold)
265	221535		CLAMP, Casing -(Stamped Steel)
284A	93893		SCREW
284	93892		SCREW
344	93042		SCREW
358	394501		GASKET SET, Engine
370A	66432		WASHER
370	231172		BUSHING, Lever
387	280197		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)
621	297472		SWITCH, Stop
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 Gasket Set-Part No. 394501
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)



Carburetor Assembly, A/C

REF NO	PART NO	QTY	DESCRIPTION
862	392643		STRAP/STUD, Air Cleaner Mounting

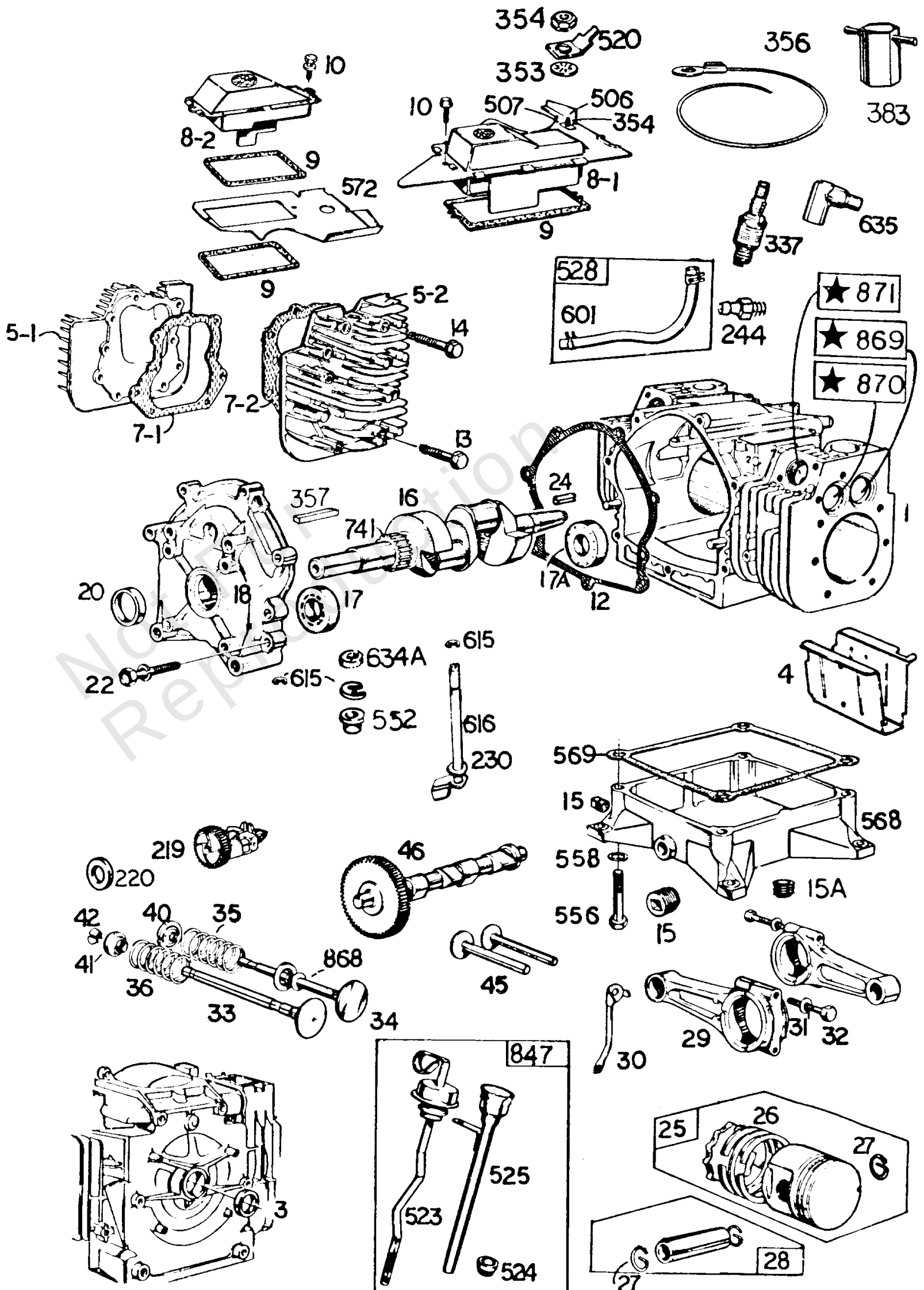
Not For Reproduction



★ SPECIAL TOOLS REQUIRED TO INSTALL-SEE REPAIR INSTRUCTION MANUAL

Cylinder, Cylinder Heads, Sump

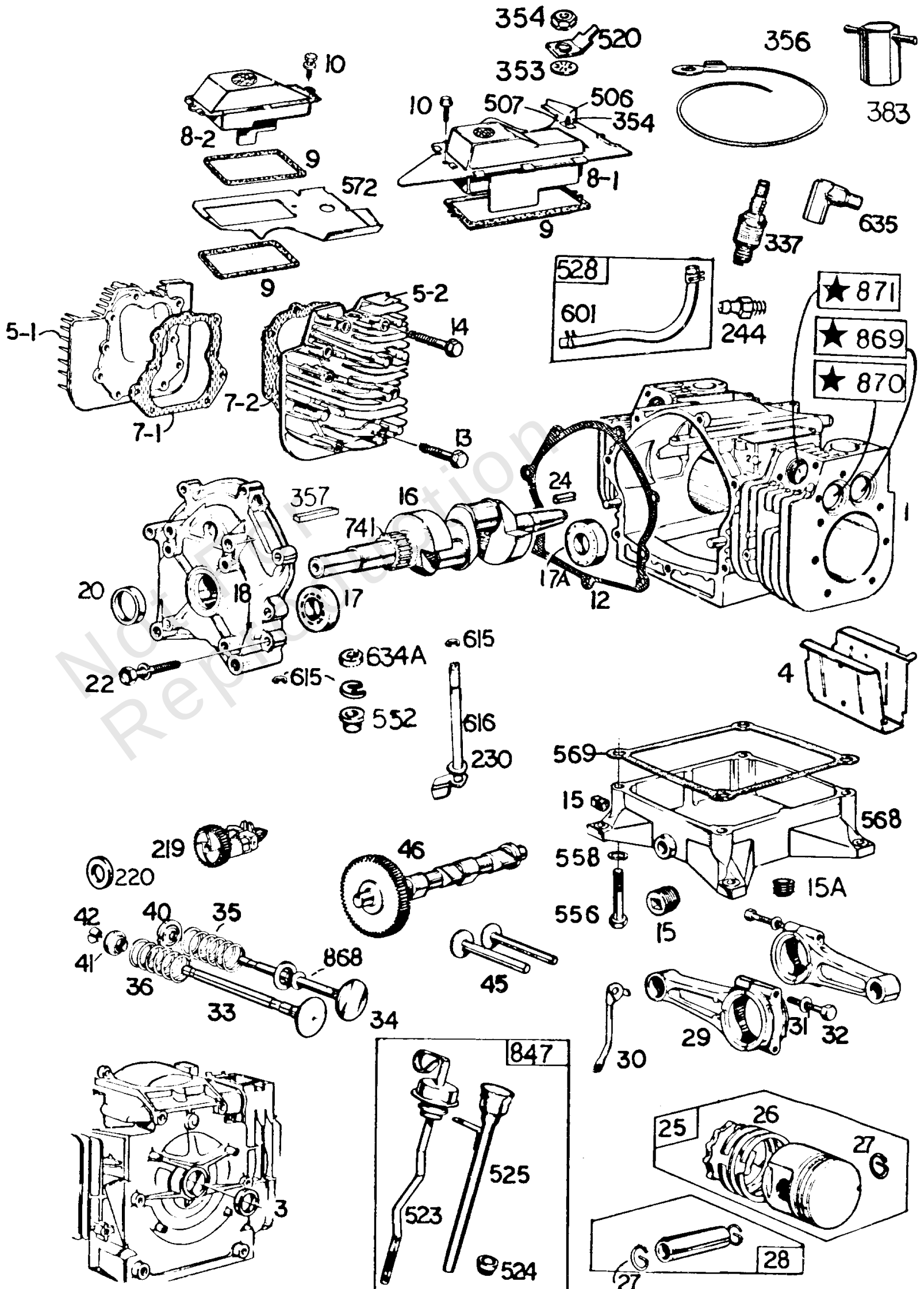
REF NO	PART NO	QTY	DESCRIPTION
3	391086		SEAL, Oil -(Magneto Side)
4	223055		TRAY, Oil Drip
5-1	212461		HEAD, Cylinder -(Cylinder 1)
5-2	212462		HEAD, Cylinder -(Cylinder 2)
7-2	270983		GASKET, Cylinder Head -(Cylinder 2) Included in Gasket Set-Part No. 394501
7-1	270984		GASKET, Cylinder Head -(Cylinder 1) Included in Gasket Set-Part No. 394501
8-1	393243		BREATHER ASSEMBLY -(#1)
8-2	393153		BREATHER ASSEMBLY -(Cylinder 2)
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)
16	394097		CRANKSHAFT
17A	393980		BEARING, Ball -(Magneto Side)
17	393741		BEARING, Ball -(PTO Side)
18	394420		COVER, Crankcase -(Plain Bearing)
20	291675		SEAL, Oil -(Crankcase Cover)
22	93847		SCREW -(Fuel Tank) (Tank)
24	61760		KEY, Flywheel -(Breaker Ignition)
25	393271		PISTON ASSEMBLY -(Standard)
25	393343		PISTON ASSEMBLY -(.010 Oversize)
25	393344		PISTON ASSEMBLY -(.020 Oversize)
25	393345		PISTON ASSEMBLY -(.030 Oversize)
26	393277		SET, Ring -(Standard)



★ SPECIAL TOOLS REQUIRED TO INSTALL-SEE REPAIR INSTRUCTION MANUAL

Cylinder, Cylinder Heads, Sump

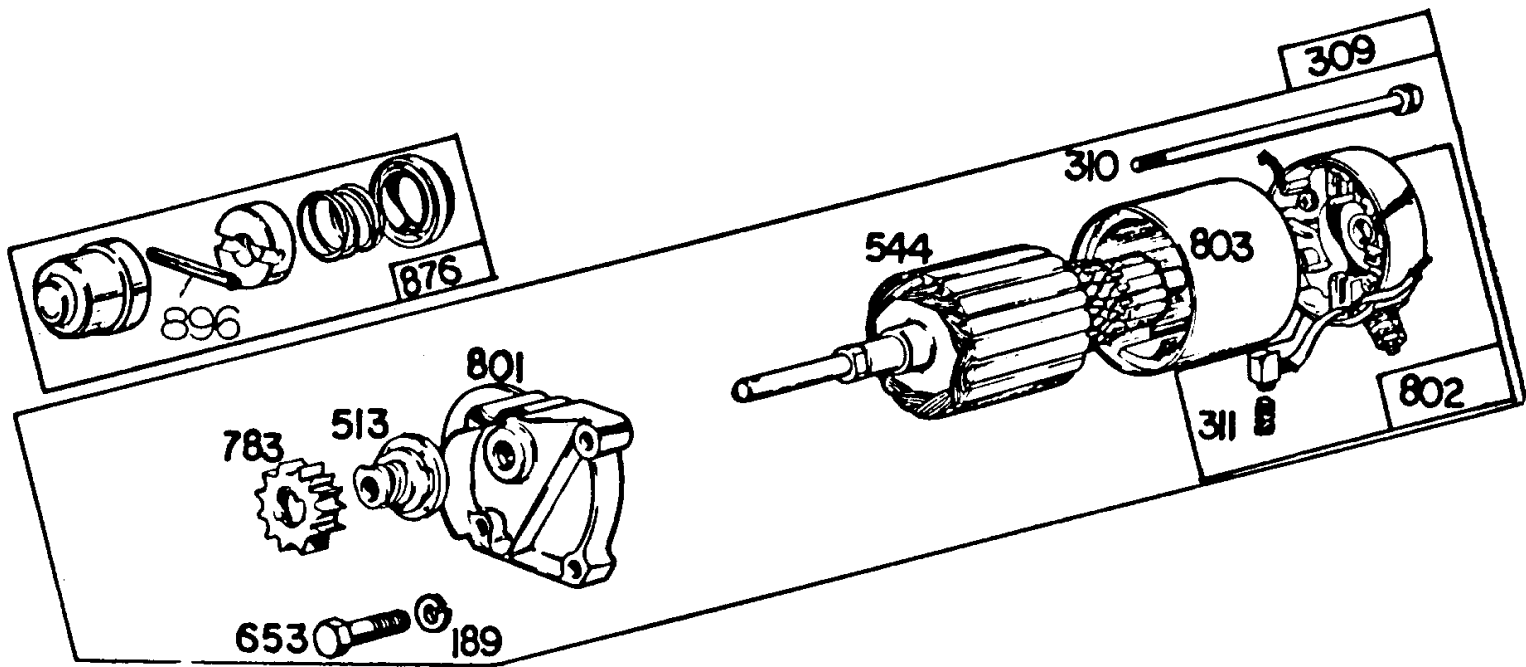
REF NO	PART NO	QTY	DESCRIPTION
26	393340		SET, Ring -(.010 Oversize)
26	393341		SET, Ring -(.020 Oversize)
26	393342		SET, Ring -(.030 Oversize)
27	260924		LOCK, Piston Pin
28	299691		PIN, Piston -(Standard)
28	391286		PIN, Piston -(.005 Oversize)
29	394306		ROD, Connecting -(Standard)
30	223053		DIPPER, Connecting Rod
31	220863		WASHER -(1/4 X 5/8 X 1/32) (1/4 X 5/8 X 1/32)
32	92909		SCREW
33	390420		VALVE, Exhaust -(Includes Retainer(s))
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)
45	261368		TAPPET, Valve
46	212415		CAMSHAFT -(Used only with Cyl. Hds. 212461 & 212462)
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
337	394539		PLUG, Spark -(Resistor)
353	92791		WASHER
354	90576		NUT -(Ground Terminal)
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
523	394014		DIPSTICK
524	68838		SEAL, O-Ring -(Dipstick Tube)
525	392782		TUBE, Dipstick
528	393244		HOSE, Vacuum -(Impulse) (9 long-old style) Std 4 1/2 long



★ SPECIAL TOOLS REQUIRED TO INSTALL-SEE REPAIR INSTRUCTION MANUAL

Cylinder, Cylinder Heads, Sump

REF NO	PART NO	QTY	DESCRIPTION
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
741	261363		GEAR, Timing -(Pin)
847	394023		DIPSTICK/TUBE ASSEMBLY
868	393606		SEAL, Valve
869	261463		SEAT, Valve -(Intake)
870	210940		SEAT, Valve -(Exhaust) (Standard)
871	-----		No Nomenclature -231218 or 230655 See Repair Manual



Not For
Reproduction

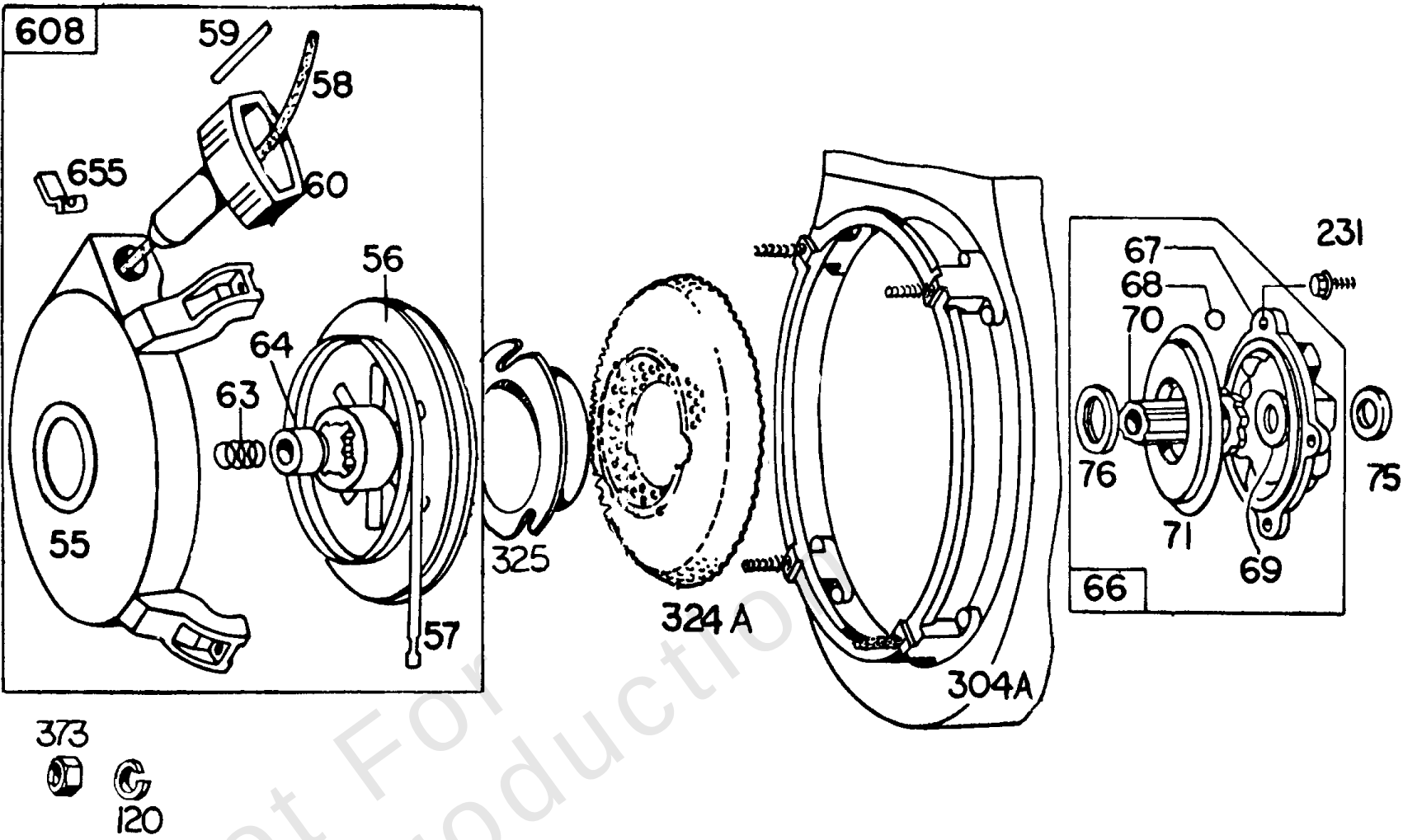
Electric Starter and Chart

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)
310	93887		SCREW -(3 Housing) (Briggs & Stratton 12V) OLD STYLE: Brush end head is 13/16 wide
310	94003		SCREW -(3 5/8 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)
513	391135		CLUTCH, Starter
544	392747		ARMATURE, Starter -(3 21/32 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)
803	392744		HOUSING, Starter -(3 1/16 Housing) OLD STYLE: Brush end head is 13/16 wide.
803	393825		HOUSING, Starter -(3 5/8 Housing)
876	393254		DRIVE, Starter -(Briggs & Stratton 12V)
896	93754		PIN, Drive Retainer -(Briggs & Stratton 12V)

Replacement Engine - US & Canada

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

Not For Reproduction



Rewind Starter Assembly

REF NO	PART NO	QTY	DESCRIPTION
55	394229		HOUSING, Rewind Starter -(Low Profile)
56	392630		PULLEY, Starter -(63 Rope) If longer Rope is required, order Rope No. 66894 and cut to length
57	294303		SPRING, Rewind Starter
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
63	260414		SPRING, Ratchet
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
231	93064		SCREW
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)
608	392677		STARTER, Rewind -(Low Profile)
655	222598		ANCHOR, Rewind Spring -(Stamped Rewind Housing)

