

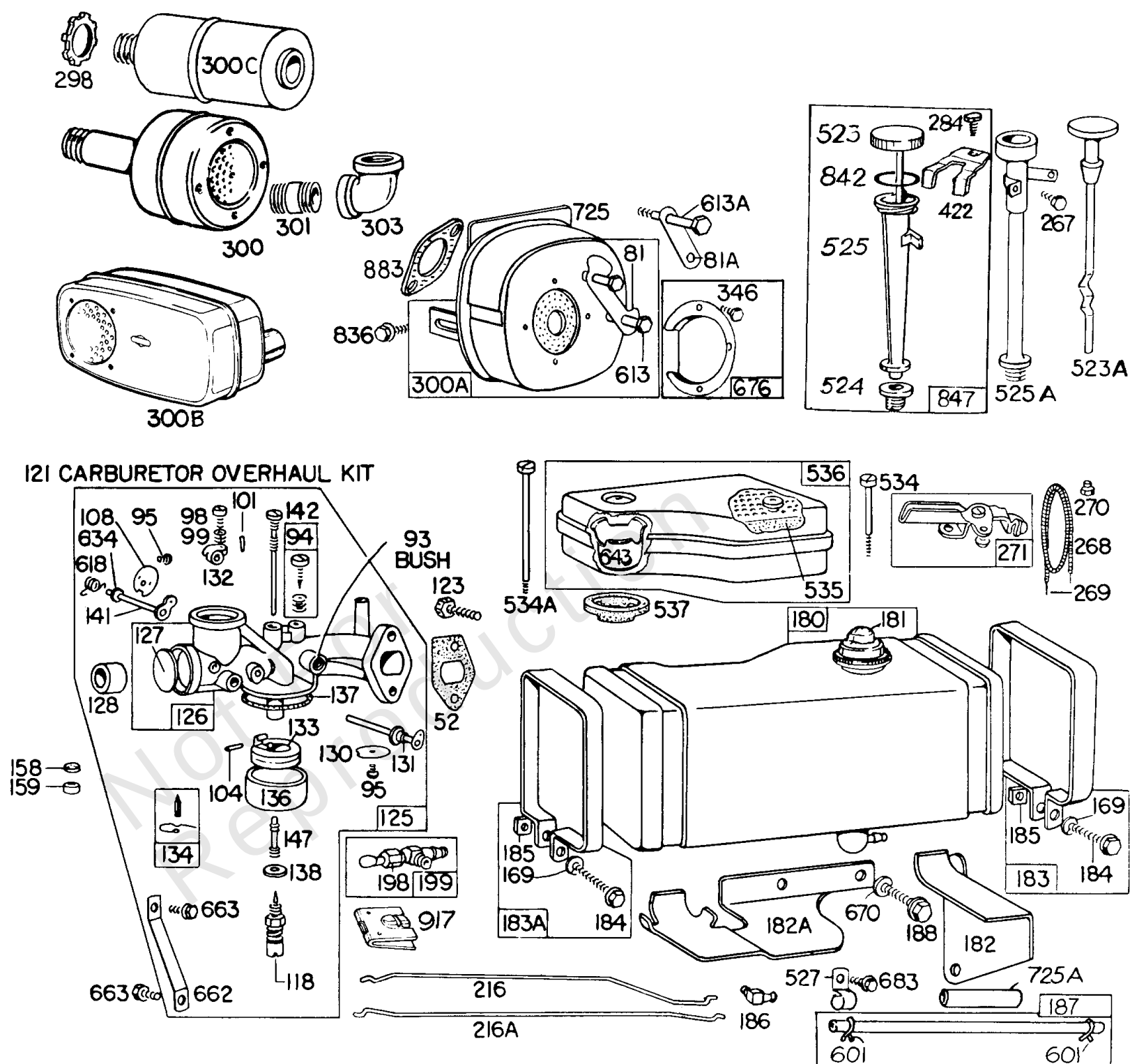


Parts Manual

Mfg. No: 190705-0137-99

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Not For
Reproduction



Carb, Fuel Tank, A/C, Muffler

REF NO	PART NO	QTY	DESCRIPTION
52	270538		GASKET, Intake
81A	222265		SCREW
81	222263		LOCK, Muffler Screw -(3/8 Diameter Bolt Holes)
93	23108		BUSHING, Throttle Shaft
94	292681		VALVE, Idle Mixture -Included in Carburetor Overhaul Kit-Part No. 394698
95	93499		SCREW -(Throttle Valve)
98	91920		SCREW -(8-32 X 5/8)
99	26157		SPRING, Compression
101	93043		PIN, Shaft
104	230896		PIN, Float Hinge -Included in Carburetor Overhaul Kit-Part No. 394698
108	222010		VALVE, Choke
118	391233		VALVE, Float Needle -Included in Carburetor Overhaul Kit-Part No. 394698
121	299852		CARBURETOR -Used Before Code Date 81033000
121	394698		KIT, Carburetor Overhaul -Used After Code Date 81032700
123	93357		SCREW
125	390811		CARBURETOR -(Choke-A-Matic)
126	299851		BODY, Lower Carburetor
127	221997		PLUG, Welch -Included in Carburetor Overhaul Kit-Part No. 394698
128	211682		VENTURI, Carburetor
130	221986		VALVE, Throttle
131	391512		SHAFT, Throttle
132	211712		STOP, Throttle
133	299707		FLOAT, Carburetor
134	394681		KIT, Needle/Seat -(Gravity Feed) Order No. 394683 for Fuel Pump Applications. Included in Carburetor Overhaul Kit-Part No. 394698
136	221995		BOWL, Float
137	270511		GASKET, Float Bowl -Included in Carburetor Overhaul Kit-Part No. 394698
138	222014		WASHER -(Float Bowl) Included in Carburetor Overhaul Kit-Part No. 394698
141	299647		SHAFT, Choke -Uses: 23270 Screw-Choke Lever 26229 Spring-Choke Lever
141	299746		KIT, Choke Shaft -(Choke-A-Matic) except those listed under Part No. 299647
141	390684		SHAFT, Choke -(Choke-A-Matic)
142	299740		NOZZLE, Carburetor -Included in Carburetor Overhaul Kit-Part No. 394698
147	230932		SCREW -(Nozzle) Included in Carburetor Overhaul Kit-Part No. 394698
158	27590		PLUG, Carburetor Filter/Drain

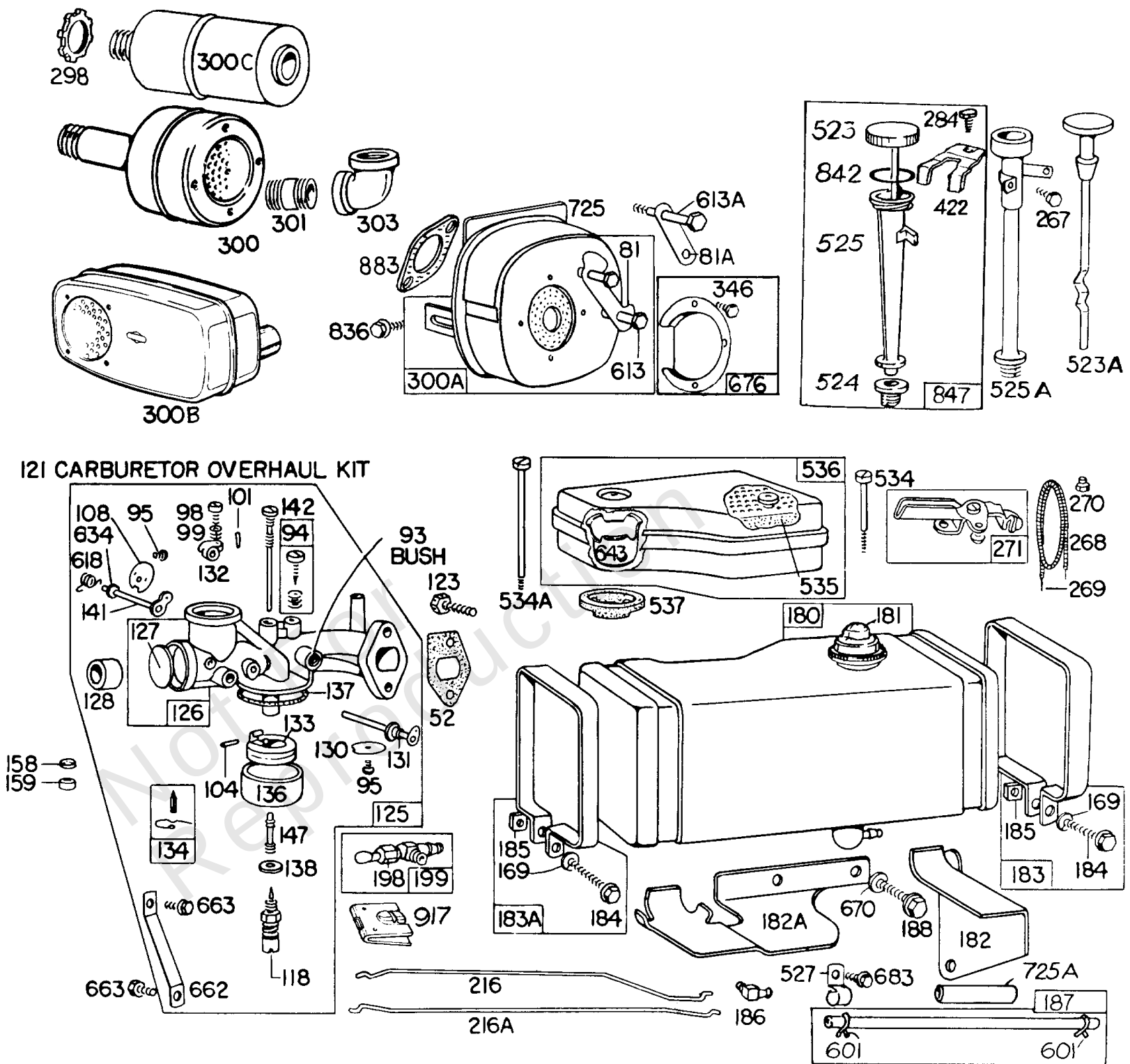
Footnotes:

For use only with Starter Motors with Plastic Drive Gear.

(For Stamped Rewind Housing)

(Used only for Ref. No. 125 Carburetors)

Use 392918 Starter Panel Kit on Engines



Carb, Fuel Tank, A/C, Muffler

REF NO	PART NO	QTY	DESCRIPTION
159	211954		RETAINER, Air Filter
159	220521		RETAINER, Carburetor Drain
169	90832		SCREW -(Blower Housing)
180	390225		TANK, Fuel -(3 Quart) (Plastic)
181	392300		CAP, Fuel Tank -(Metal) (1 9/16 I.D.)
182A	222112		BRACKET, Fuel Tank -(L.H.)
182	222813		BRACKET, Fuel Tank -(R.H.)
183A	390405		STRAP, Fuel Tank -(L.H.)
183	390406		STRAP, Fuel Tank -(R.H.)
184	93803		SCREW
185	90970		NUT -(1/4-20)
186	67218		CONNECTOR, Hose
187	296004		LINE, Fuel -(Cut To Required Length)
188	93535		SCREW -(5/16-18 X 3/4) 93623 Screw
188	93659		SCREW -(Fuel Tank)
198	293934		VALVE, Fuel Shut Off
216A	260979		LINK, Choke -Choke-A-Matic
216	261117		LINK, Choke -Choke-A-Matic
267	93612		SCREW
268	65616		CASING, Control Wire -(Cut To Required Length)
269	26633		WIRE, Control -(Cut To Required Length) If longer wire is required, specify length in inches; if shorted wire is needed, Order No. 26633 and cut to required length.
270	63426		NUT -(Control Wire Casing)
271	290568		LEVER, Control
284	93804		SCREW -(Clamp Mounting)
298	261409		LOCKNUT -(Muffler and Elbow)
300A	391313		MUFFLER
300C	390249		MUFFLER
300B	392101		MUFFLER -(Super Lo Tone)
300A	391237		MUFFLER -Uses: 93606 Screw-Deflector and Guard to Muffler
300	393010		MUFFLER -(Round Lo Tone)
301	91245		ELBOW, Exhaust

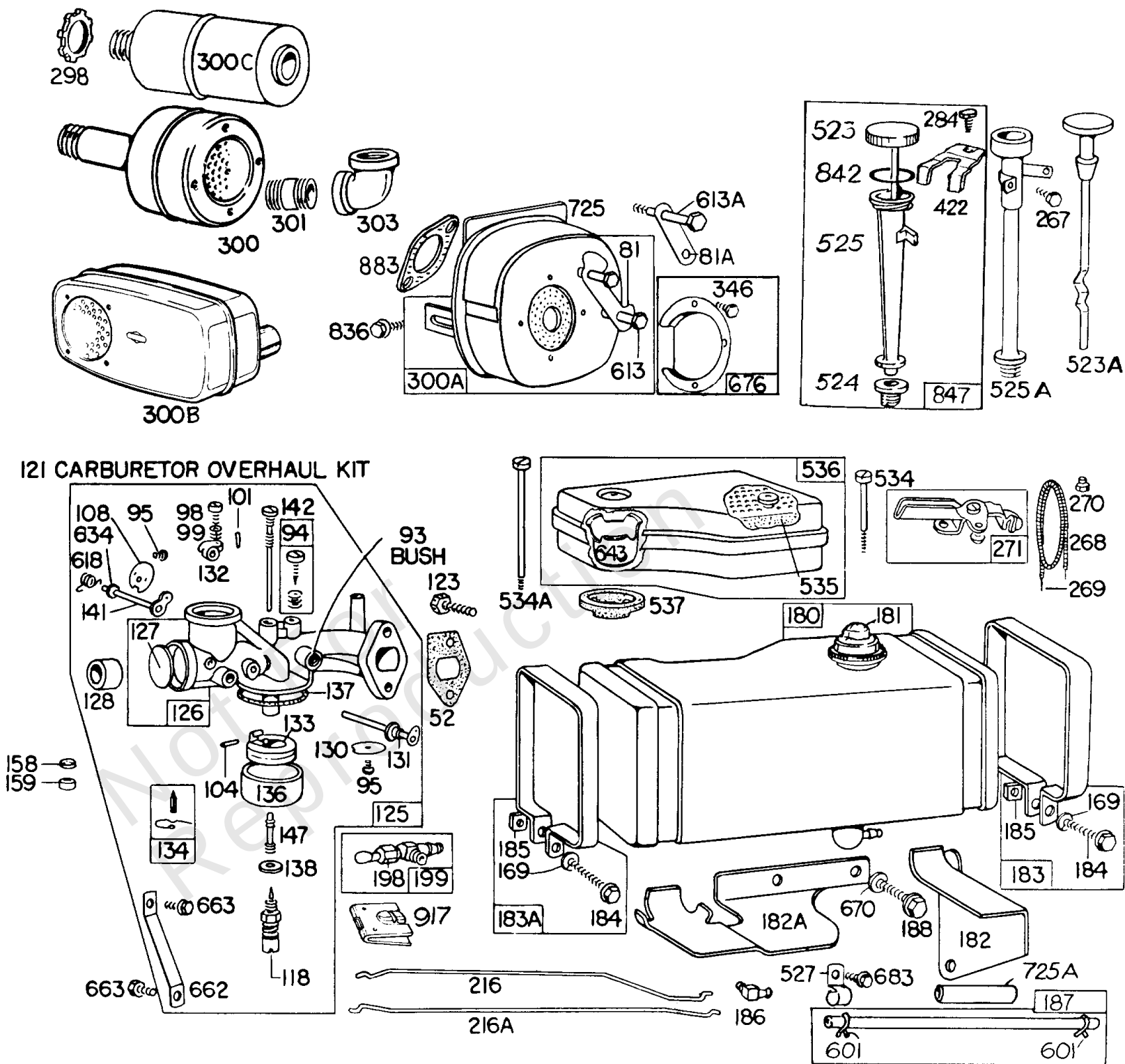
Footnotes:

For use only with Starter Motors with Plastic Drive Gear.

(For Stamped Rewind Housing)

(Used only for Ref. No. 125 Carburetors)

Use 392918 Starter Panel Kit on Engines



Carb, Fuel Tank, A/C, Muffler

REF NO	PART NO	QTY	DESCRIPTION
303	91205		ELBOW, Exhaust -(90 Degree)
346	93705		SCREW -(8-32 X 3/8)
422	222502		CLAMP, Tube
523A	-----		No Nomenclature
523	391840		DIPSTICK/CAP ASSEMBLY -(Screw Cap)
524	68838		SEAL, O-Ring -(Dipstick Tube)
525A	-----		No Nomenclature
525	280133		TUBE, Dipstick -(Plastic Screw Cap Dipstick)
527	221428		CLAMP, Tube
534A	93323		SCREW
534	93622		SCREW
535	270528		FILTER, A/C Cartridge
536	390379		CLEANER, Air
537	270539		GASKET, Air Cleaner -(Air Cleaner)
601	93053		CLAMP, Hose -(Green)
613A	93549		SCREW -(1/4-20)
613	93704		SCREW -(Muffler)
618	261116		SPRING, Choke Return
634	270382		WASHER -(Foam)
643	222149		CUP, Air Cleaner
662	222027		BRACKET, Support
663	93572		SCREW -(10-32 X 3/8)
670	22963		WASHER
676	393757		DEFLECTOR, Muffler -(Side Outlet)
683	93572		SCREW -(10-32 X 3/8)
725A	222175		SHIELD, Heat
725	221885		SHIELD, Heat
836	93559		SCREW -(Tank) (Fuel Tank)
842	270920		SEAL, O-Ring -(Dipstick Tube) (Oil Fill)
847	392066		DIPSTICK/TUBE ASSEMBLY
883	270918		GASKET, Exhaust
917	223271		VALVE, Handle Shutoff

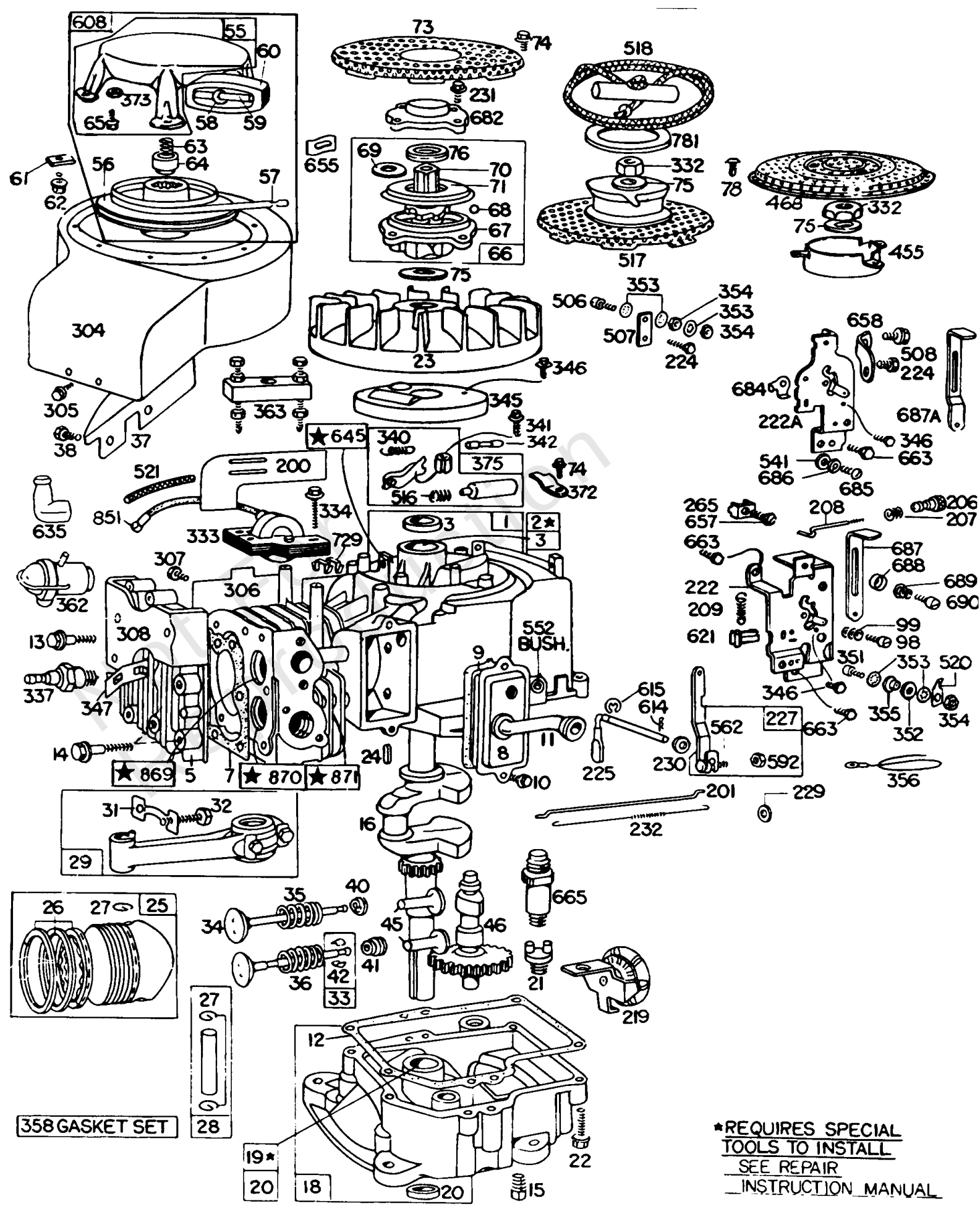
Footnotes:

For use only with Starter Motors with Plastic Drive Gear.

(For Stamped Rewind Housing)

(Used only for Ref. No. 125 Carburetors)

Use 392918 Starter Panel Kit on Engines

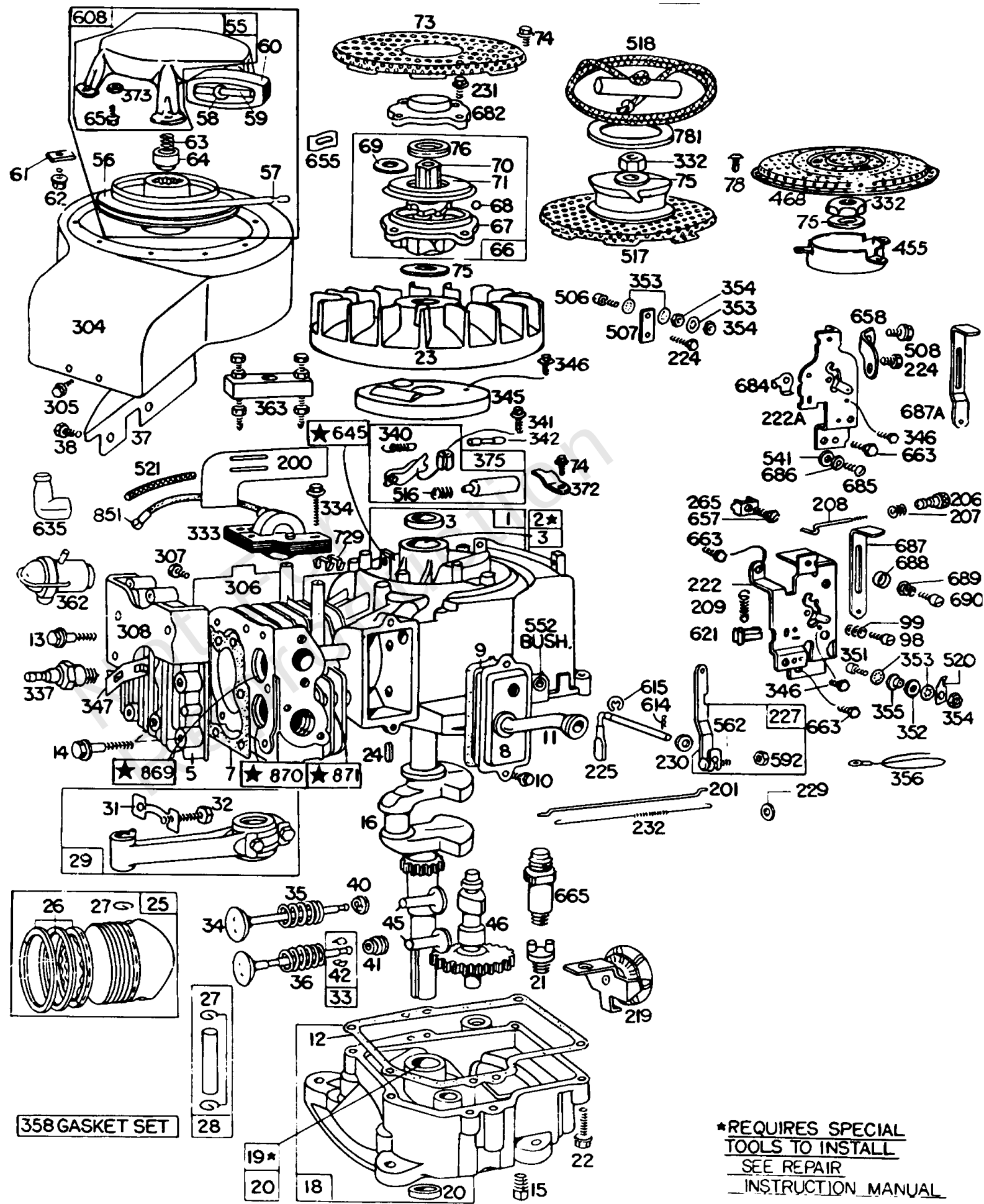


Cyl,Muffler,Piston,Sump,Rewind

REF NO	PART NO	QTY	DESCRIPTION
1	392004		CYLINDER ASSEMBLY
2	295962		KIT, Bushing/Seal
3	294606		SEAL, Oil
5	211778		HEAD, Cylinder -(Sno gard)
7	270430		GASKET, Cylinder Head -Included in Gasket Set-Part No. 299577
8	299848		BREATHER ASSEMBLY
9	27803		GASKET, Rocker Cover -Included in Gasket Set-Part No. 299577
10	93394		SCREW
11	280005		TUBE, Breather
12	27750		GASKET, Crankcase -(1/64) Included in Gasket Set-Part No. 299577
12	27876		GASKET, Crankcase -(.005) Included in Gasket Set-Part No. 299577
12	27877		GASKET, Crankcase -(.009) Included in Gasket Set-Part No. 299577
13	93113		SCREW -(2 5/16) (2-5/16)
13	93583		STUD -(Cylinder Head)
14	93211		SCREW -(5/16-18 X 2-21/32)
14	93583		STUD -(Cylinder Head)
15	91084		PLUG, Oil Drain -(3/8)
16	261038		CRANKSHAFT
18	392548		SUMP, Engine
19	295963		KIT, Bushing/Seal
20	391086		SEAL, Oil -(Magnetos Side)
21	66768		PLUG, Oil
22	93585		SCREW -(Crankcase Cover)
23	298260		FLYWHEEL
24	61760		KEY, Flywheel -(Breaker Ignition)
25	391673		PISTON ASSEMBLY -(Standard)
25	391674		PISTON ASSEMBLY -(.010 Oversize)
25	391675		PISTON ASSEMBLY -(.020 Oversize)
25	391676		PISTON ASSEMBLY -(.030 Oversize)
26	299743		SET, Ring -(.030 Oversize Chrome)
26	391669		SET, Ring -(Standard)
26	391670		SET, Ring -(.010 Oversize)

Footnotes:

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(For Stamped Rewind Housing)
except as listed under Note
Use 392918 Starter Panel Kit on Engines

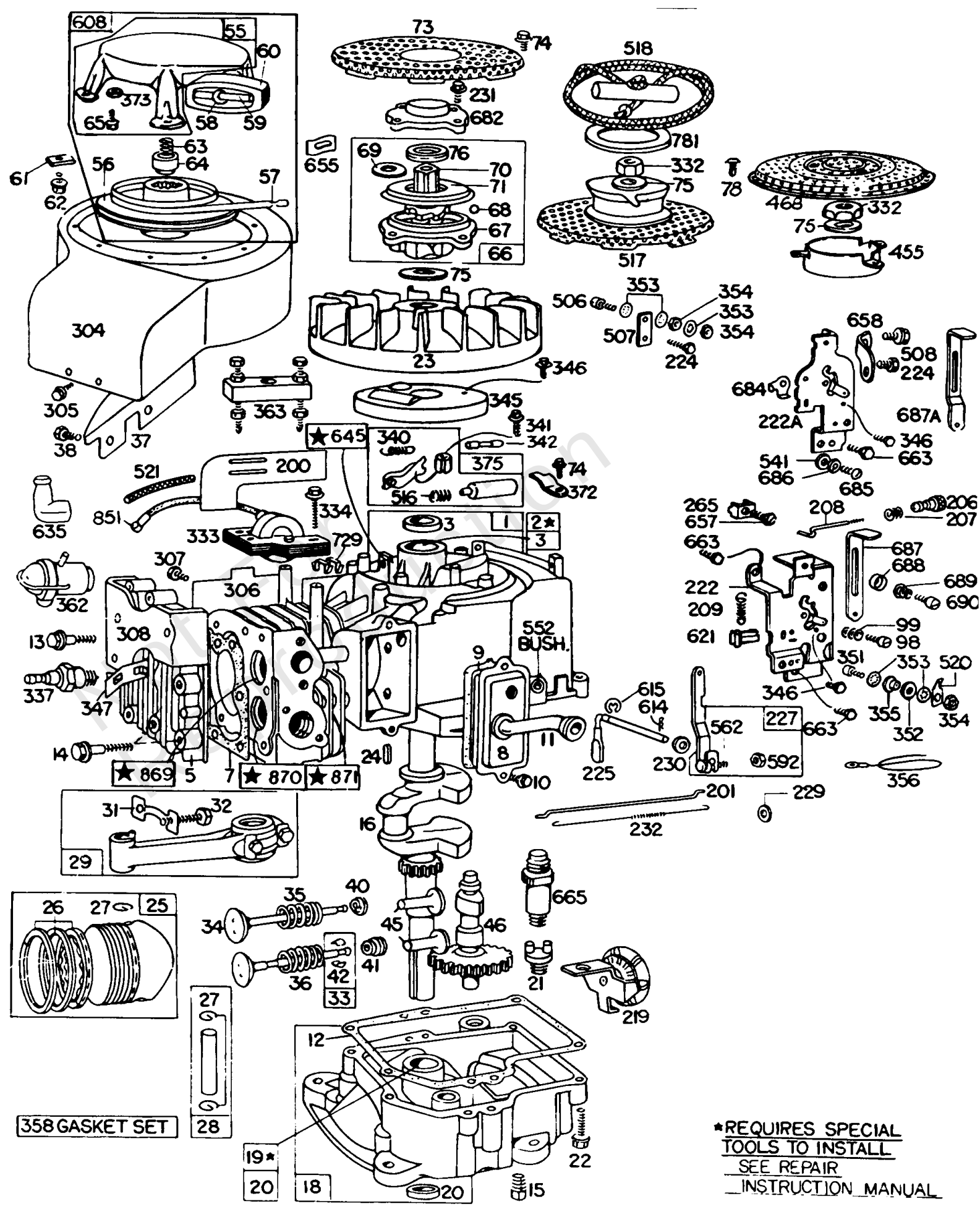


Cyl,Muffler,Piston,Sump,Rewind

REF NO	PART NO	QTY	DESCRIPTION
26	391671		SET, Ring -(.020 Oversize)
26	391672		SET, Ring -(.030 Oversize)
27	68546		LOCK, Piston Pin
28	295840		PIN, Piston -(Standard)
28	295841		PIN, Piston -(.005 Oversize)
29	390402		ROD, Connecting -For Connecting Rod with .020 undersize Crankpin Bearing-Order No. 390773
31	222114		LOCK, Rod Screw
32	92659		SCREW -(Connecting Rod)
33	390419		VALVE, Exhaust -(Includes Retainer(s))
34	261055		VALVE, Intake
35	65906		SPRING, Valve -(Intake)
36	26828		SPRING, Valve -(Exhaust)
37	222402		GUARD, Flywheel -Uses: 22963 Spacer-Mtg.
37	222475		GUARD, Flywheel
38	93777		SCREW
40	221596		RETAINER, Valve -(Valves With Groove In Stem)
41	292260		RETAINER, Valve -(Exhaust Valve) (Exhaust)
42	93630		KEEPER, Valve -(2)
45	260933		TAPPET, Valve
46	211689		CAMSHAFT
55	390391		STARTER, Rewind
55	393576		HOUSING, Rewind Starter
56	295871		PULLEY, Starter -(63 Rope) if longer Rope is required, Order Rope No. 66894 and cut to required length.
57	294303		SPRING, Rewind Starter
58	66564		ROPE, Starter -(63 Rope) if longer Rope is needed, Order No. 66574 and cut to required length.
58	66884		ROPE, Starter -(Cut To Required Length) if longer Rope is needed, Order No. 66894 and cut to required length.
59	230228		PIN, Starter Grip
61	68848		BUMPER, Starter Pulley
62	93254		SCREW -(Pulley)
63	260414		SPRING, Ratchet
64	230543		ADAPTER, Ratchet Spring
65	93067		SCREW -(3/8)

Footnotes:

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Use 392918 Starter Panel Kit on Engines

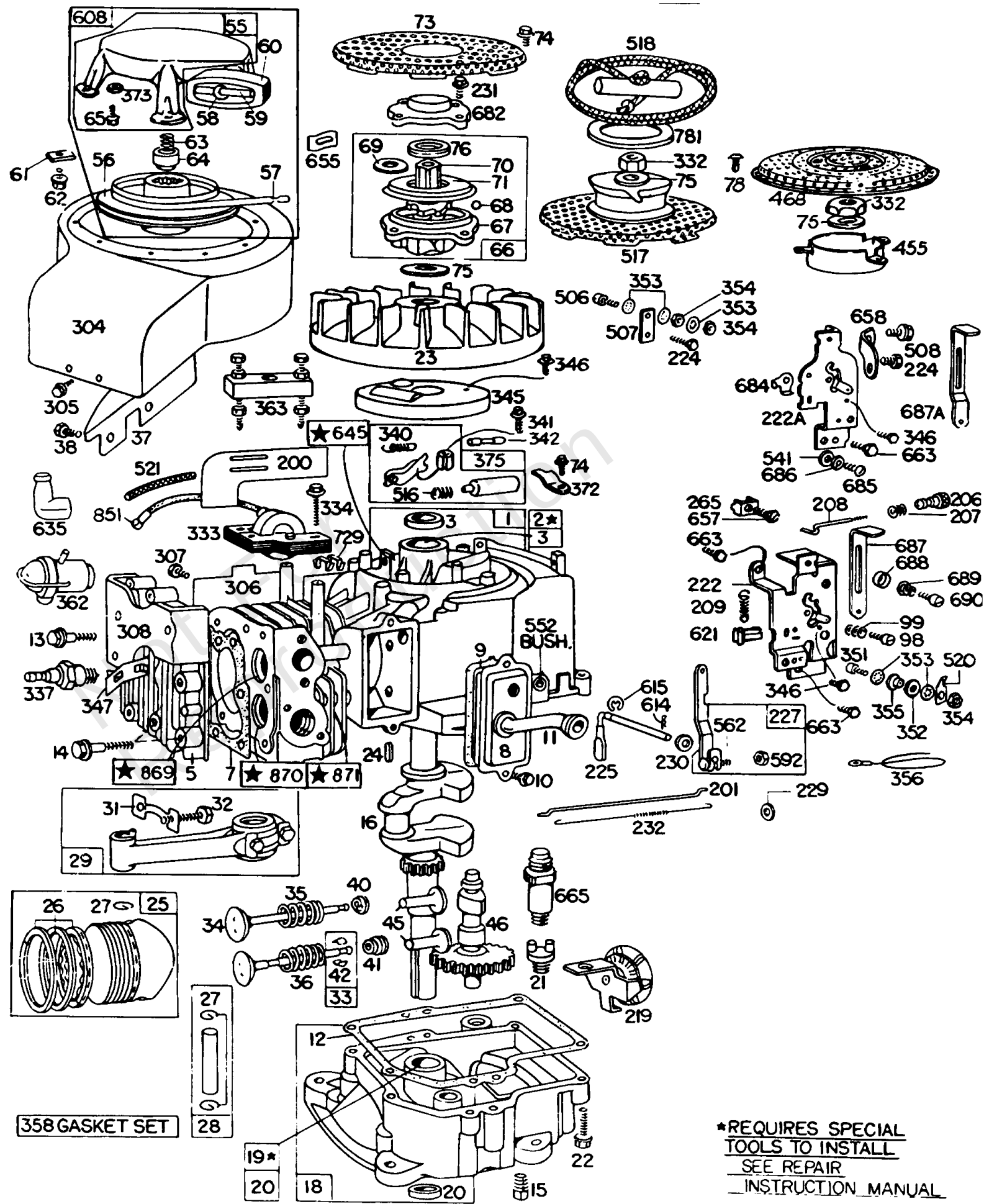


Cyl,Muffler,Piston,Sump,Rewind

REF NO	PART NO	QTY	DESCRIPTION
65	93572		SCREW -(10-32 X 3/8)
66	298798		CLUTCH, Starter -(Rewind Starter)
67	212132		HOUSING, Clutch
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
73	221796		SCREEN, Rotating
74	93042		SCREW
75	220865		WASHER -(Heavy Flywheel)
76	68238		SEAL, Ratchet
78	93805		SCREW
98	91920		SCREW -(8-32 X 5/8)
99	26157		SPRING, Compression
200	221760		GUIDE, Air
201	260971		LINK, Choke
206	230149		NUT, Governor Adjusting -(5-44)
207	26855		SPRING, Governor Link
208	230841		ROD, Governor Control
209	260723		SPRING, Governor -Used Before Code Date 75111011
209	261129		SPRING, Governor -Used Before Code Date 75111011
209	261306		SPRING, Governor -Used After Code Date 75110911
219	298614		SLINGER, Governor/Oil -Used Before Code Date 75111011
219	392718		SLINGER, Governor/Oil -Used After Code Date 75110911
222A	298998		BRACKET, Control
222	390662		BRACKET, Control
224	93067		SCREW -(3/8)
225	231058		CRANK, Governor -(1/4 Diameter) -Used After Code Date 75110911
225	231071		SHAFT, Governor Gear -(3/16 Diameter) -Used Before Code Date 75111011
227	298303		LEVER, Governor Control -(3/16 Diameter) -Used Before Code Date 75111011
227	391733		LEVER, Governor Control -(1/4 Diameter) -Used After Code Date 75110911

Footnotes:

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(For Stamped Rewind Housing)
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Use 392918 Starter Panel Kit on Engines

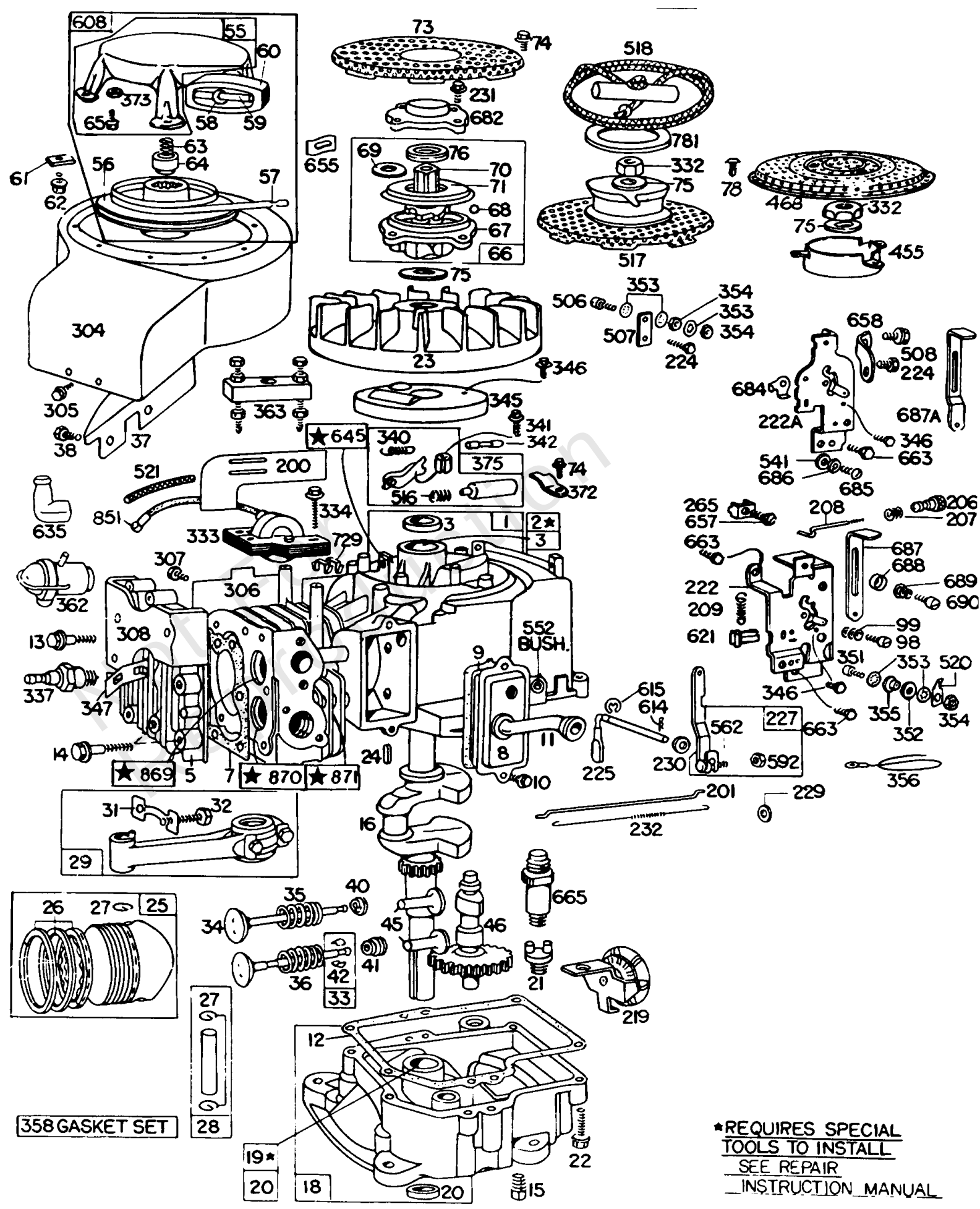


Cyl,Muffler,Piston,Sump,Rewind

REF NO	PART NO	QTY	DESCRIPTION
229	220680		WASHER
230	221559		WASHER -(3/16 I.D.)
230	222450		WASHER
231	93064		SCREW
232	260584		SPRING/LINK, Mechanical Governor
265	221535		CLAMP, Casing -(Stamped Steel)
304	299853		HOUSING, Blower -Used on engines with electric starters (Ref. No. 309) except see other numbers in this group
305	93158		SCREW -(1/4-20 X 5/8)
306	222830		SHIELD, Cylinder
307	93163		SCREW
308	221901		COVER, Cylinder Head -(Sno gard)
332	92284		NUT -(Flywheel)
333	298968		ARMATURE, Magneto -(Breaker Ignition)
334	93381		SCREW
337	293918		PLUG, Spark
337	29693		PLUG, Spark
337	298809		PLUG, Spark
340	26018		SPRING, Breaker Arm
341	93381		SCREW
342	65704		PLUNGER, Breaker
345	222117		COVER, Breaker
346	93705		SCREW -(8-32 X 3/8)
347	220884		SWITCH, Stop
347	221808		SWITCH, Stop
351	91920		SCREW -(8-32 X 5/8)
351	93735		SCREW
352	66068		WASHER -(Fiber)
353	92791		WASHER
354	90576		NUT -(Ground Terminal)
355	66554		WASHER -(Insulating)
356	299500		WIRE, Stop -(Used with Armature Refs. 333A and 333B)
358	299577		GASKET SET, Engine
362	291630		SHIELD, Spark Plug -(With Stop Switch)
363	19165		PULLER, Flywheel
363	19203		PULLER, Flywheel
372	220477		CLAMP

Footnotes:

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(For Stamped Rewind Housing)
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Use 392918 Starter Panel Kit on Engines

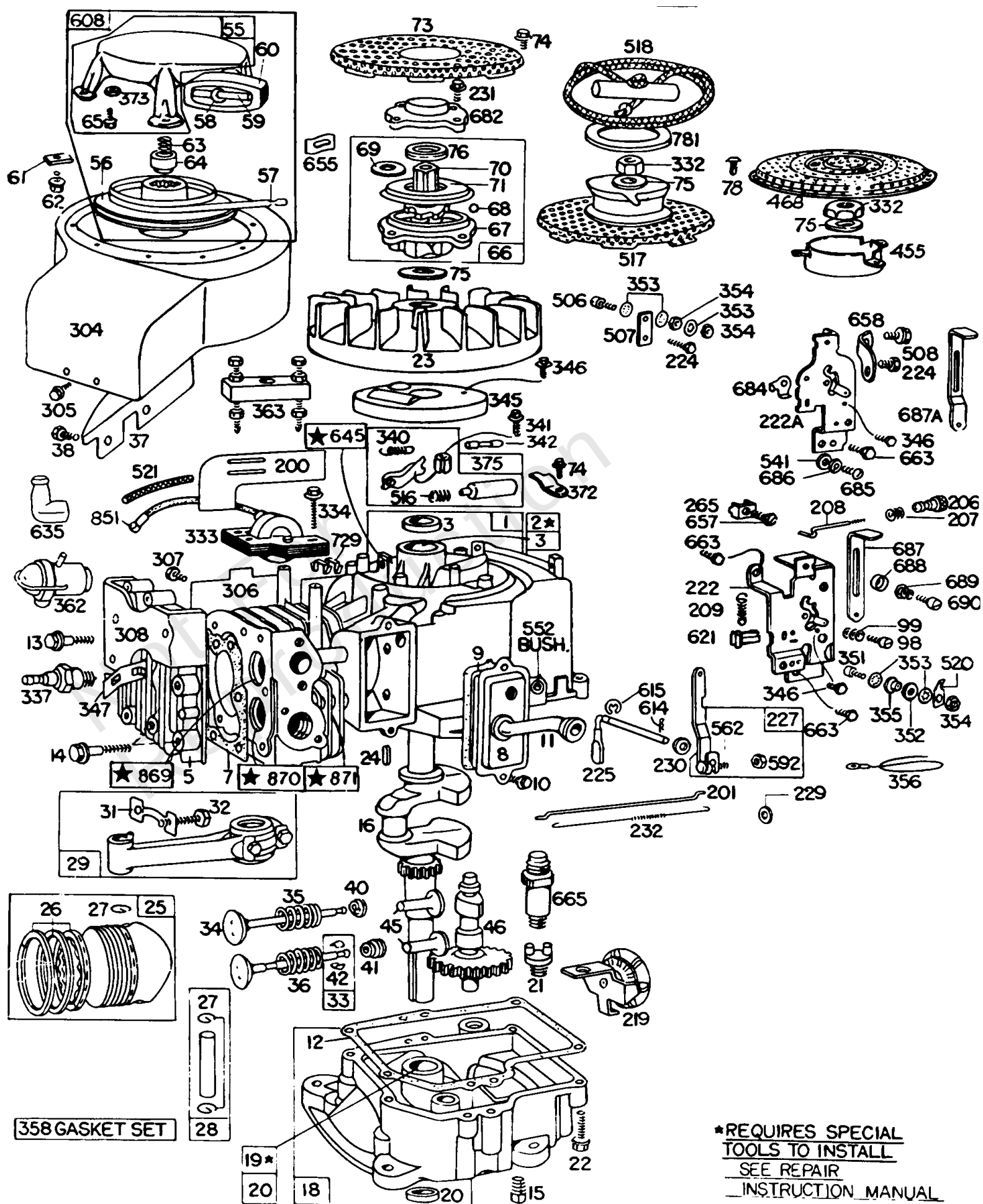


Cyl,Muffler,Piston,Sump,Rewind

REF NO	PART NO	QTY	DESCRIPTION
373	92987		STARTER, Rewind
375	294628		BREAKER, Ignition
375	299061		BREAKER, Ignition -Includes: 294628 Point Set 65704 Plunger 61760 Key-Flywheel
455	222561		CUP, Flywheel
468	222302		SCREEN, Rotating -(Stationary) Uses: 93572 Screw (8) 231020 Spacer (4)
468	222562		SCREEN, Rotating
506	90072		SCREW -(8-32 X 5/8)
507	66895		INSULATOR
508	93294		SCREW -(5/8)
516	260374		SPRING, Condensor
517	295423		PULLEY, Rope Starter
518	69932		GRIP, Starter Rope
520	93722		TERMINAL, Ground
521	298529		SHIELD, Protective
541	22398		WASHER
552	230927		BUSHING, Governor Crank -(3/16 I.D.) (No Threads) -Used Before Code Date 75111011
552	231055		BUSHING, Governor Crank -(1/4 I.D.) -Used After Code Date 75110911
562	92613		BOLT -(Governor Lever)
592	231082		NUT -(Governor Control)
608	390391		STARTER, Rewind
614	93306		PIN, Cotter
615	93307		RETAINER, Governor Shaft
621	297472		SWITCH, Stop
635	66538		BOOT, Spark Plug
645	23513		BUSHING, Plunger -(Used only with Breaker Point Ignition)
655	221014		ANCHOR, Rewind Spring -Used Before Code Date 73061111
655	222598		ANCHOR, Rewind Spring -Used After Code Date 73061011
657	93496		SCREW -(10-32 X 5/8)
658	221827		BRACKET, Support
663	93572		SCREW -(10-32 X 3/8)
665	296768		MINDER, Oil
682	211516		SHIELD, Starter
684	221781		LEVER, Control
685	93524		SCREW -(5-40 X 1/2)
686	91622		WASHER

Footnotes:

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Use 392918 Starter Panel Kit on Engines



Cyl,Muffler,Piston,Sump,Rewind

REF NO	PART NO	QTY	DESCRIPTION
687A	298957		SLIDE, Control
687	390690		SLIDE, Control
688	221766		SPRING, Friction
689	260847		SPRING, Friction
690	92484		SCREW
729	221907		CLIP, Wire
781	280068		CAP, Starter Pulley
851	221798		TERMINAL, Spark Plug
869	211661		SEAT, Valve -(Exhaust)
870	211661		SEAT, Valve -(Exhaust)
871	-----		No Nomenclature -231218 or 230655 See Repair Manual

Not For
Reproduction

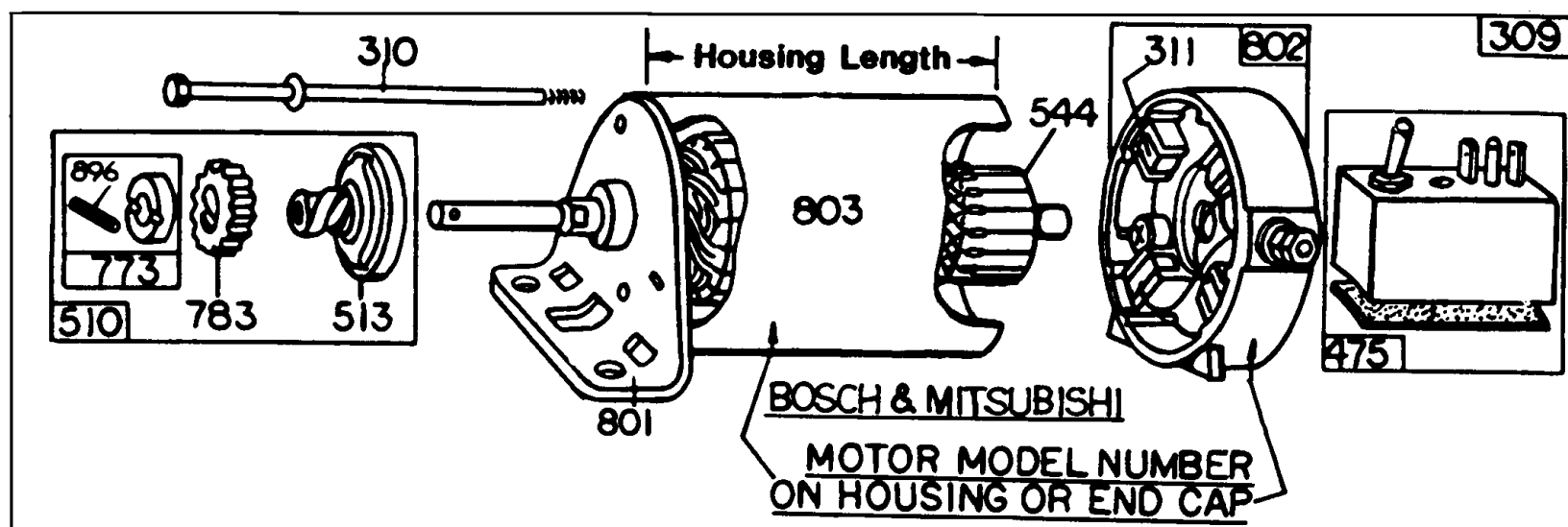
Footnotes:

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(For Stamped Rewind Housing)

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Use 392918 Starter Panel Kit on Engines



Subject		Ref. No. 309	Ref. No. 510	Ref. No. 801	Ref. No. 544	Ref. No. 803	Ref. No. 802	Ref. No. 311	Ref. No. 310	Ref. No. 475
Starter Motor Mfr. and Motor Model Number		Motor and Drive Assy.	Drive Assembly	End Cap Assy. Drive	Armature Assembly	Housing Assembly	End Cap Assy. Commutator *	Brush Assembly	Thru Bolt Assembly	Rectifier Assembly
American Bosch										
12V	SMH 12-A11	390307	390443	390444	390446	390447	390448	390449	390450	
12V	SME 12-A8	390307R	390094	390092	390086	390097	390089		390080	
12V	01965-23-MO-30-SM	392749R	391461**	390444	391607	390447	390448	390449	390450	
110V	SME 110-C3	393143R	390094	390091	390088	390096	390098	390081	390080	390099†
110V	SME 110-C6	299556	390094	390092	390088	390095	390098	390081	390080	390084
110V	SME 110-C8	299764	390094	390093	390088	390096	390098	390081	390080	390099
110V	06026-28-MO-30-SM	393143	390443	393682	393692	393781	393691		393690	393510
Mitsubishi										
12V	MMO-5ML	390307R	299963	390454	390456	390452	390455	390990	299962	
12V	MMO-4FL	390307R	299963	390454	390457	390453	390455	390990	299962	
12V	MOOIT02271	392749R	391461**	391585	391584	390452	390455	390990	93771	
110V	J282188	393143R	299963	299964	299968	299967	299965		299962	299966
Briggs & Stratton										
Housing Length										
12V	3-1/16"	390838	391461**	392061	390837	392744	390846	391705	391706	
12V	3-1/16"	392749	391461**	392061	392747	392744	390846	391705	391706	

*Includes Brush Set

** Includes #391135 Clutch Assembly (Ref. No. 513)
 #280104 Gear (Ref. No. 783)
 #391462 Retainer and Pin (Ref. No. 773)
 #93754 Roll Pin (Ref. No. 896)

†Uses #392247 Switch Shield Assembly

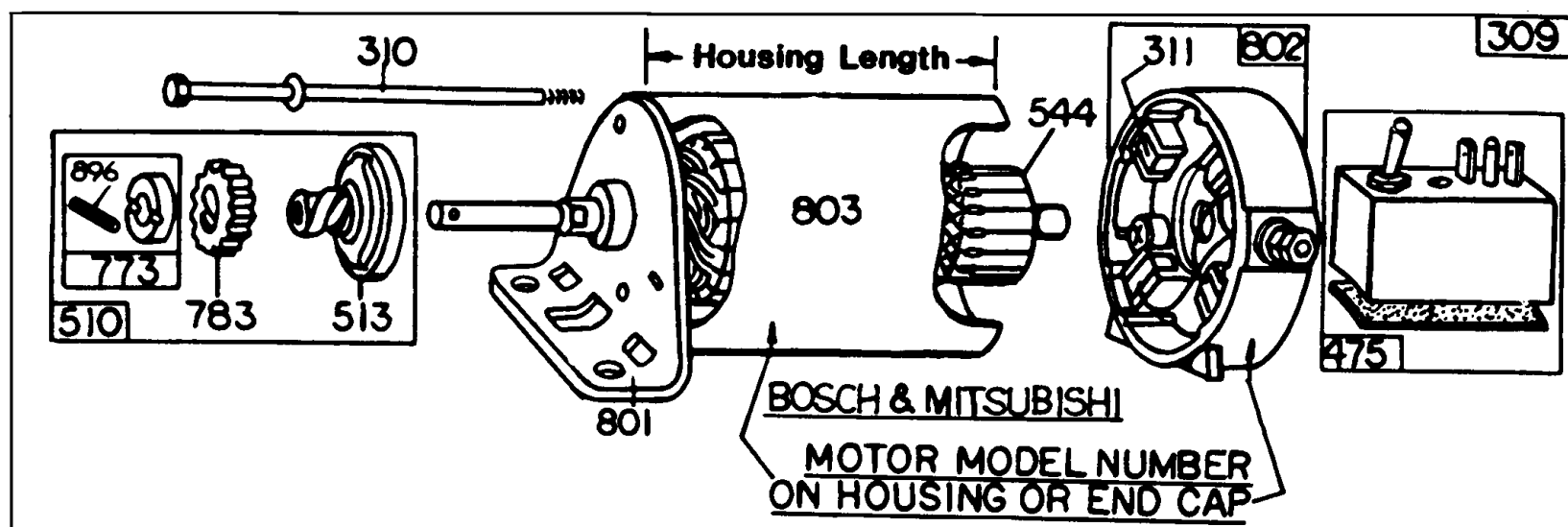
R - Replacement Motor, Parts Shown are for Original Equipment Motor

Electric Starter and Chart

REF NO	PART NO	QTY	DESCRIPTION
309	390307		MOTOR, Starter
309	390307		MOTOR, Starter -(Bosch or Mitsubishi)
309	390838		MOTOR, Starter -(3 1/16 Housing)
309	392749		MOTOR, Starter -(3 1/16 Housing)
309	392749		MOTOR, Starter -(3 1/16 Housing)
309	393851		MOTOR, Starter -(3 1/2 Housing) (Briggs & Stratton 110V)
310	299962		BOLT -(Mitsubishi Starters)
310	390080		SCREW -(American Bosch Starters)
310	390450		BOLT -(American Bosch 12V)
310	391706		SCREW -(3 1/16 Housing)
310	393690		BOLT -American Bosch 110V (06026-28-MO-30-SM)
310	93771		BOLT -(Mitsubishi 12V)
310	93889		SCREW -(3 1/2 Housing) (Briggs & Stratton 120V)
311	390081		SET, Brush -(American Bosch 110V Starters)
311	390449		SET, Brush -(American Bosch 12V)
311	390990		SET, Brush -(Mitsubishi Starters)
311	391705		SET, Brush -(3 1/16 Housing)
311	393612		SET, Brush -(3 1/2 Housing) (110V)
475	299966		RECTIFIER -(Mitsubishi 110V)
475	390084		RECTIFIER -(American Bosch 110V)
475	390099		RECTIFIER -(American Bosch 110V)
475	3900991		RECTIFIER -(American Bosch 110V)
475	393510		RECTIFIER -American Bosch 110V (06026-28-MO-30-SM)
510	299963		DRIVE, Starter -(Mitsubishi Starters)
510	390094		DRIVE, Starter -American Bosch 12V & 110V (SME 12-A8 & SME 110-C3, C6, or C8)
510	390443		DRIVE, Starter -(American Bosch 12V Or 110V)
510	391461		DRIVE, Starter -(3 1/2 Housing) Includes #391135 Clutch Assembly (Ref. No. 513) #280104 Gear (Ref. No. 783) #391462 Retainer and Pin (Ref. No. 773) #93754 Roll Pin (Ref. No. 896)
544	299968		ARMATURE, Starter

Footnotes:

For use only with Starter Motors with Plastic Drive Gear.



Subject		Ref. No. 309	Ref. No. 510	Ref. No. 801	Ref. No. 544	Ref. No. 803	Ref. No. 802	Ref. No. 311	Ref. No. 310	Ref. No. 475
Starter Motor Mfr. and Motor Model Number		Motor and Drive Assy.	Drive Assembly	End Cap Assy. Drive	Armature Assembly	Housing Assembly	End Cap Assy. Commutator *	Brush Assembly	Thru Bolt Assembly	Rectifier Assembly
American Bosch										
12V	SMH 12-A11	390307	390443	390444	390446	390447	390448	390449	390450	
12V	SME 12-A8	390307R	390094	390092	390086	390097	390089		390080	
12V	01965-23-MO-30-SM	392749R	391461**	390444	391607	390447	390448	390449	390450	
110V	SME 110-C3	393143R	390094	390091	390088	390096	390098	390081	390080	390099†
110V	SME 110-C6	299556	390094	390092	390088	390095	390098	390081	390080	390084
110V	SME 110-C8	299764	390094	390093	390088	390096	390098	390081	390080	390099
110V	06026-28-MO-30-SM	393143	390443	393682	393692	393781	393691		393690	393510
Mitsubishi										
12V	MMO-5ML	390307R	299963	390454	390456	390452	390455	390990	299962	
12V	MMO-4FL	390307R	299963	390454	390457	390453	390455	390990	299962	
12V	MOOIT02271	392749R	391461**	391585	391584	390452	390455	390990	93771	
110V	J282188	393143R	299963	299964	299968	299967	299965		299962	299966
Briggs & Stratton										
Housing Length										
12V	3-1/16"	390838	391461**	392061	390837	392744	390846	391705	391706	
12V	3-1/16"	392749	391461**	392061	392747	392744	390846	391705	391706	

*Includes Brush Set

** Includes #391135 Clutch Assembly (Ref. No. 513)
 #280104 Gear (Ref. No. 783)
 #391462 Retainer and Pin (Ref. No. 773)
 #93754 Roll Pin (Ref. No. 896)

†Uses #392247 Switch Shield Assembly

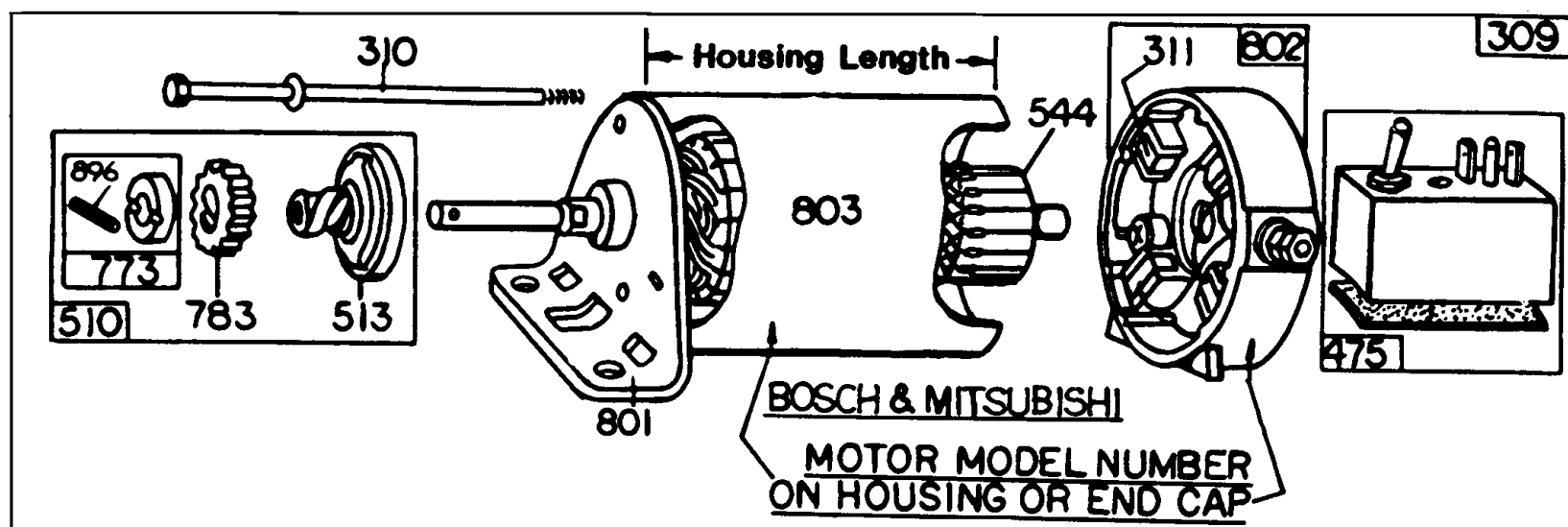
R - Replacement Motor, Parts Shown are for Original Equipment Motor

Electric Starter and Chart

REF NO	PART NO	QTY	DESCRIPTION
544	390086		ARMATURE, Starter
544	390088		ARMATURE, Starter -(American Bosch 110 V Starters)
544	390446		ARMATURE, Starter
544	390456		ARMATURE, Starter
544	390457		ARMATURE, Starter
544	390837		ARMATURE, Starter -(3 5/8 Housing)
544	391584		ARMATURE, Starter
544	391607		ARMATURE, Starter -(American Bosch 12V)
544	392747		ARMATURE, Starter -(3 21/32 Housing)
544	393607		ARMATURE, Starter -(3 1/2 Housing) (110V)
544	393692		ARMATURE, Starter -(American Bosch 110V)
801	299964		CAP, Drive -(Mitsubishi 110V)
801	390091		CAP, Drive
801	390092		CAP, Drive -(American Bosch 12V Or 110V)
801	390093		CAP, Drive
801	390444		CAP, Drive -(American Bosch 12V)
801	390454		CAP, Drive -(Mitsubishi 12V)
801	391585		CAP, Drive -(Mitsubishi 12V)
801	392061		CAP, Drive -(3-1/16 or 3-3/4 Housing)
801	393228		CAP, End -(3 1/2 Housing) (Briggs & Stratton 110V)
801	393682		CAP, Drive -American Bosch 110V (06026-28-MO-30-SM)
802	299965		CAP, End -(Mitsubishi 110V) Includes Brush Set
802	390089		CAP, End -(American Bosch 12V) Includes Brush Set
802	390098		CAP, End -Includes Brush Set (American Bosch 110 V Starters)
802	390448		CAP, End -(American Bosch 12V) Includes Brush Set
802	390455		CAP, End -Includes Brush Set (Mitsubishi 12Vstarters)
802	390846		CAP, End -(3 1/16 Housing) Includes Brush Set
802	393691		CAP, End -(American Bosch 110V) Includes Brush Set
802	393833		CAP, End -(3 1/2 Housing) (Briggs & Stratton 110V) Includes Brush Set
803	299967		HOUSING, Starter
803	390095		HOUSING, Starter -(American Bosch 110V)
803	390096		HOUSING, Starter -(American Bosch 110V)

Footnotes:

For use only with Starter Motors with Plastic Drive Gear.



Subject		Ref. No. 309	Ref. No. 510	Ref. No. 801	Ref. No. 544	Ref. No. 803	Ref. No. 802	Ref. No. 311	Ref. No. 310	Ref. No. 475
Starter Motor Mfr. and Motor Model Number		Motor and Drive Assy.	Drive Assembly	End Cap Assy. Drive	Armature Assembly	Housing Assembly	End Cap Assy. Commutator *	Brush Assembly	Thru Bolt Assembly	Rectifier Assembly
American Bosch										
12V	SMH 12-A11	390307	390443	390444	390446	390447	390448	390449	390450	
12V	SME 12-A8	390307R	390094	390092	390086	390097	390089		390080	
12V	01965-23-MO-30-SM	392749R	391461**	390444	391607	390447	390448	390449	390450	
110V	SME 110-C3	393143R	390094	390091	390088	390096	390098	390081	390080	390099†
110V	SME 110-C6	299556	390094	390092	390088	390095	390098	390081	390080	390084
110V	SME 110-C8	299764	390094	390093	390088	390096	390098	390081	390080	390099
110V	06026-28-MO-30-SM	393143	390443	393682	393692	393781	393691		393690	393510
Mitsubishi										
12V	MMO-5ML	390307R	299963	390454	390456	390452	390455	390990	299962	
12V	MMO-4FL	390307R	299963	390454	390457	390453	390455	390990	299962	
12V	MOOIT02271	392749R	391461**	391585	391584	390452	390455	390990	93771	
110V	J282188	393143R	299963	299964	299968	299967	299965		299962	299966
Briggs & Stratton										
Housing Length										
12V	3-1/16"	390838	391461**	392061	390837	392744	390846	391705	391706	
12V	3-1/16"	392749	391461**	392061	392747	392744	390846	391705	391706	

*Includes Brush Set

** Includes #391135 Clutch Assembly (Ref. No. 513)
 #280104 Gear (Ref. No. 783)
 #391462 Retainer and Pin (Ref. No. 773)
 #93754 Roll Pin (Ref. No. 896)

†Uses #392247 Switch Shield Assembly

R - Replacement Motor, Parts Shown are for Original Equipment Motor

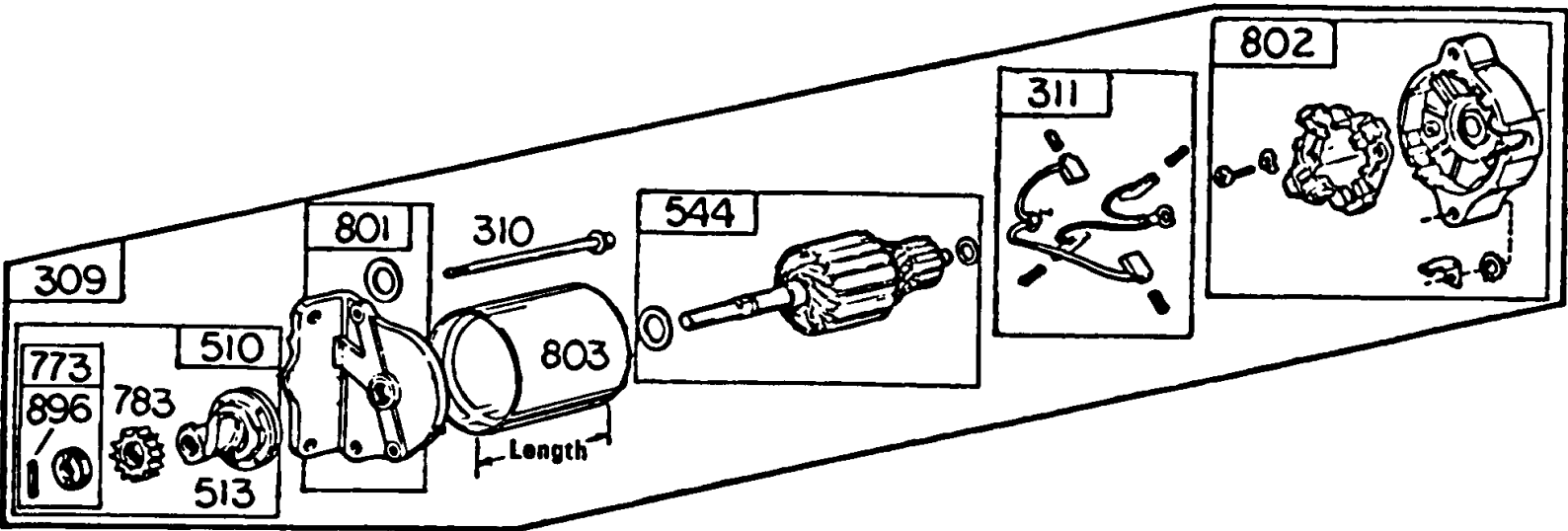
Electric Starter and Chart

REF NO	PART NO	QTY	DESCRIPTION
803	390097		HOUSING, Starter
803	390447		HOUSING, Starter -(American Bosch 12V)
803	390452		HOUSING, Starter -(Mitsubishi 12V)
803	390453		HOUSING, Starter -(Mitsubishi 12V)
803	392744		HOUSING, Starter -(3 1/16 Housing)
803	393433		HOUSING, Starter -(3 1/2 Housing) (Briggs & Stratton 110V)
803	393781		HOUSING, Starter -American Bosch 110V (06026-28-MO-30-SM)

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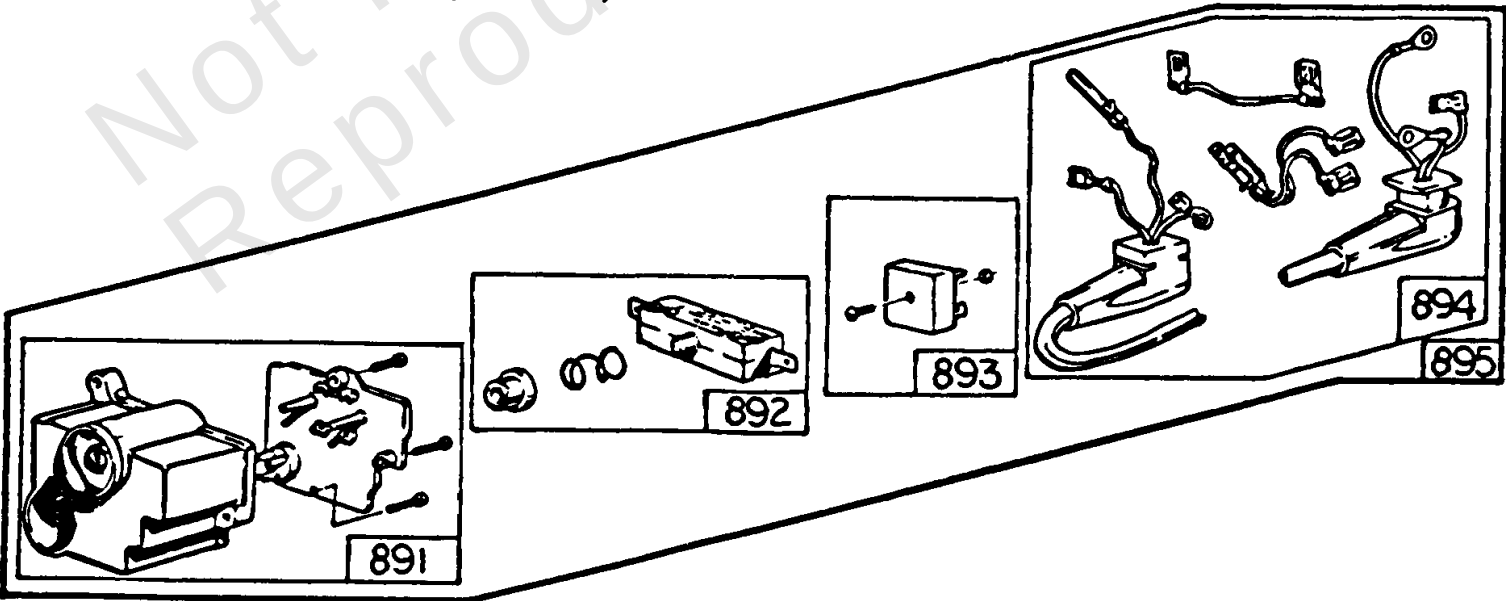
Footnotes:

For use only with Starter Motors with Plastic Drive Gear.



Subject		Ref. No. 309 and 895	Ref. No. 510	Ref. No. 801	Ref. No. 310	Ref. No. 803	Ref. No. 544	Ref. No. 311	Ref. No. 802
Manufacturer		Motor and Drive Assembly	Drive Assembly	Drive End Cap Assembly	Thru Bolt Assembly	Housing Assembly	Armature Assembly	Brush Assembly	Comm. End Cap Assembly
B&S	Housing Length								
120 V	3-1/2"	393851	391461*	393228	93889	393433	393607	393612	393833

*Includes #391135 Clutch Assembly (Ref. No. 513)
#280104 Gear (Ref. No. 783)
#391462 Retainer and Pin (Ref. No. 773)
93754 Roll Pin (Ref. No. 896)



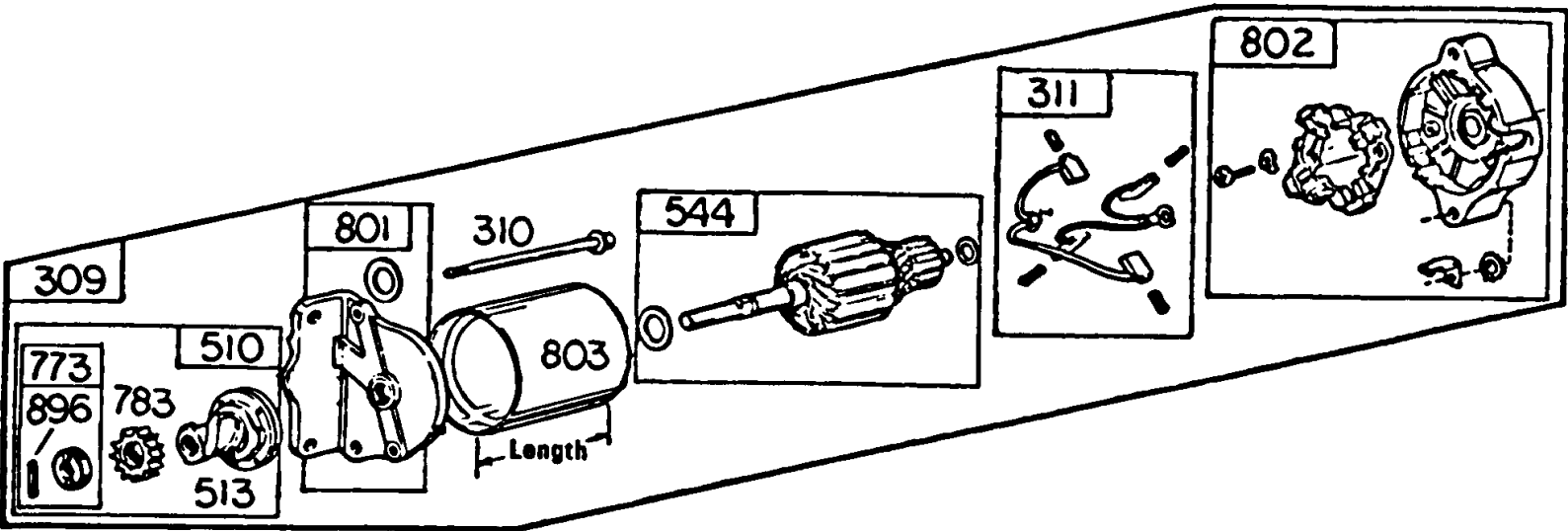
Subject	Ref. No. 891	Ref. No. 892	Ref. No. 893	Ref. No. 894	Ref. No. 895
Manufacturer	Housing Group	Switch Group	Rectifier Group	Lead Group	Control Group
Briggs & Stratton					
120 V	393705	393708	393707	393706	393486

Electric Starter, Starter Control

REF NO	PART NO	QTY	DESCRIPTION
309	390307		MOTOR, Starter -(Bosch or Mitsubishi)
309	390307		MOTOR, Starter
309	390838		MOTOR, Starter -(3 1/16 Housing)
309	392749		MOTOR, Starter -(3 1/16 Housing)
309	392749		MOTOR, Starter -(3 1/16 Housing)
309	393851		MOTOR, Starter -(3 1/2 Housing) (Briggs & Stratton 110V)
310	299962		BOLT -(Mitsubishi Starters)
310	390080		SCREW -(American Bosch Starters)
310	390450		BOLT -(American Bosch 12V)
310	391706		SCREW -(3 1/16 Housing)
310	393690		BOLT -American Bosch 110V (06026-28-MO-30-SM)
310	93771		BOLT -(Mitsubishi 12V)
310	93889		SCREW -(3 1/2 Housing) (Briggs & Stratton 120V)
311	390081		SET, Brush -(American Bosch 110V Starters)
311	390449		SET, Brush -(American Bosch 12V)
311	390990		SET, Brush -(Mitsubishi Starters)
311	391705		SET, Brush -(3 1/16 Housing)
311	393612		SET, Brush -(3 1/2 Housing) (110V)
510	299963		DRIVE, Starter -(Mitsubishi Starters)
510	390094		DRIVE, Starter -American Bosch 12V & 110V (SME 12-A8 & SME 110-C3, C6, or C8)
510	390443		DRIVE, Starter -(American Bosch 12V Or 110V)
510	391461		DRIVE, Starter -(3 1/2 Housing) Includes #391135 Clutch Assembly (Ref. No. 513) #280104 Gear (Ref. No. 783) #391462 Retainer and Pin (Ref. No. 773) #93754 Roll Pin (Ref. No. 896)
544	299968		ARMATURE, Starter
544	390086		ARMATURE, Starter
544	390088		ARMATURE, Starter -(American Bosch 110 V Starters)
544	390446		ARMATURE, Starter
544	390456		ARMATURE, Starter
544	390457		ARMATURE, Starter
544	390837		ARMATURE, Starter -(3 5/8 Housing)
544	391584		ARMATURE, Starter
544	391607		ARMATURE, Starter -(American Bosch 12V)

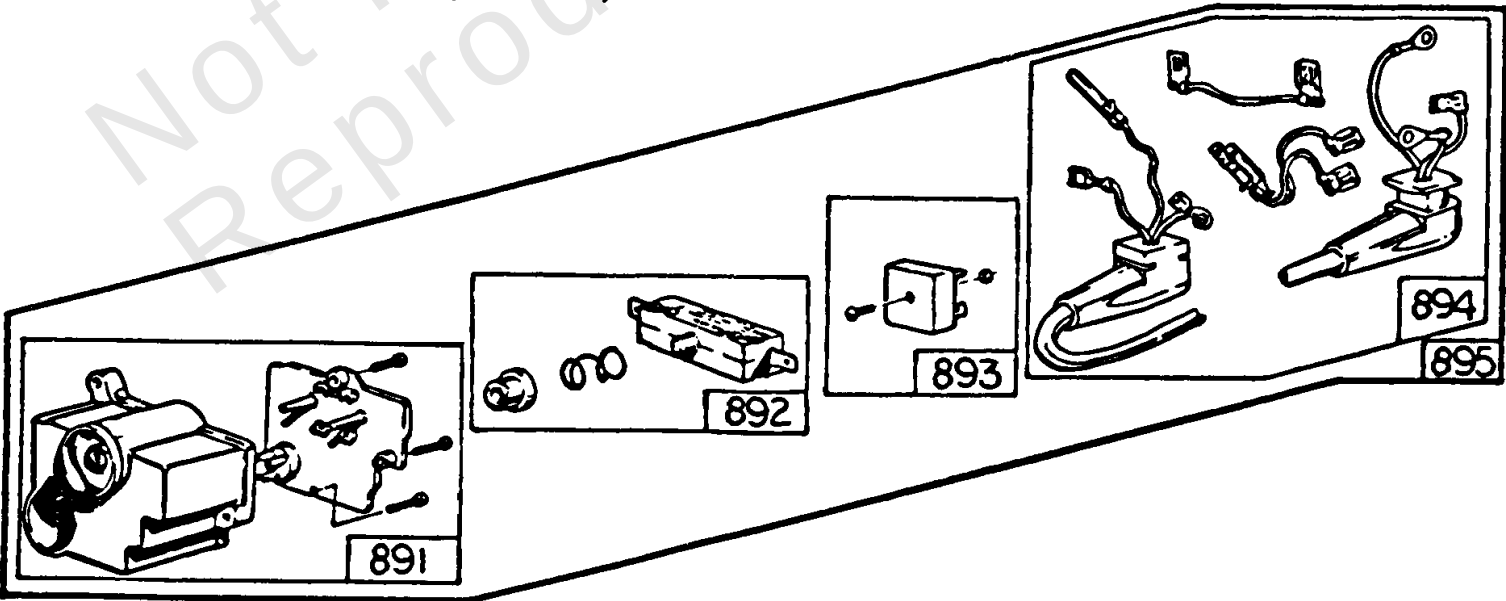
Footnotes:

For use only with Starter Motors with Plastic Drive Gear.



Subject		Ref. No. 309 and 895	Ref. No. 510	Ref. No. 801	Ref. No. 310	Ref. No. 803	Ref. No. 544	Ref. No. 311	Ref. No. 802
Manufacturer		Motor and Drive Assembly	Drive Assembly	Drive End Cap Assembly	Thru Bolt Assembly	Housing Assembly	Armature Assembly	Brush Assembly	Comm. End Cap Assembly
B&S	Housing Length								
120 V	3-1/2"	393851	391461*	393228	93889	393433	393607	393612	393833

*Includes #391135 Clutch Assembly (Ref. No. 513)
#280104 Gear (Ref. No. 783)
#391462 Retainer and Pin (Ref. No. 773)
93754 Roll Pin (Ref. No. 896)



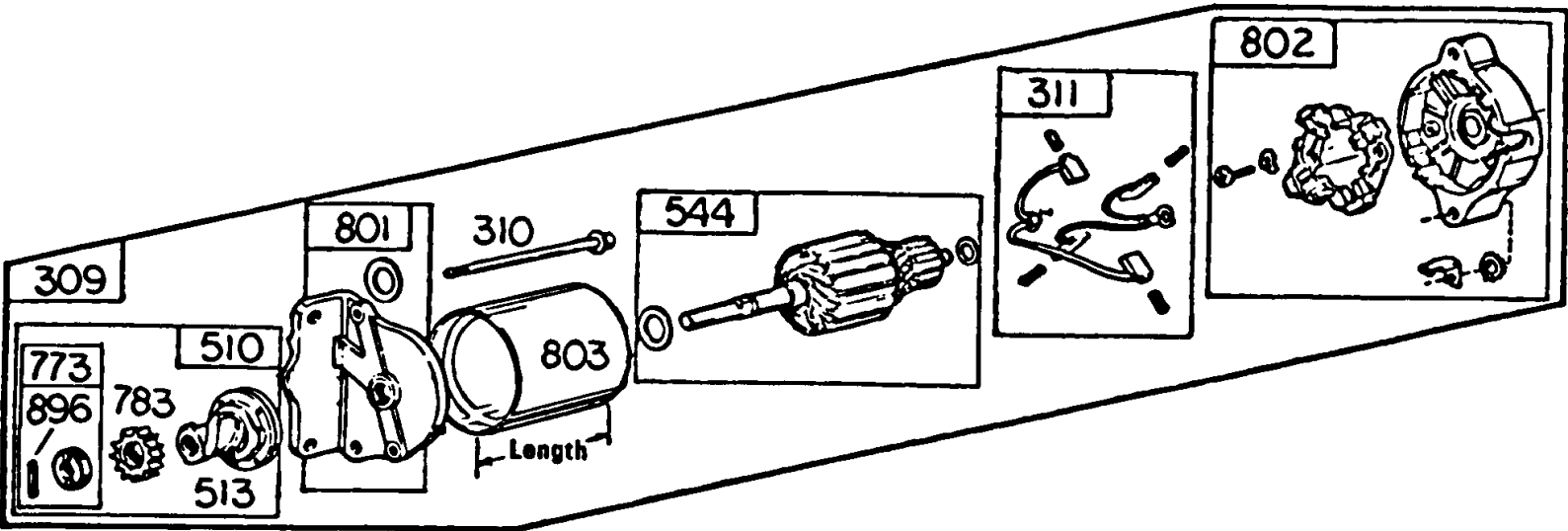
Subject	Ref. No. 891	Ref. No. 892	Ref. No. 893	Ref. No. 894	Ref. No. 895
Manufacturer	Housing Group	Switch Group	Rectifier Group	Lead Group	Control Group
Briggs & Stratton					
120 V	393705	393708	393707	393706	393486

Electric Starter, Starter Control

REF NO	PART NO	QTY	DESCRIPTION
544	392747		ARMATURE, Starter -(3 21/32 Housing)
544	393607		ARMATURE, Starter -(3 1/2 Housing) (110V)
544	393692		ARMATURE, Starter -(American Bosch 110V)
801	299964		CAP, Drive -(Mitsubishi 110V)
801	390091		CAP, Drive
801	390092		CAP, Drive -(American Bosch 12V Or 110V)
801	390093		CAP, Drive
801	390444		CAP, Drive -(American Bosch 12V)
801	390454		CAP, Drive -(Mitsubishi 12V)
801	391585		CAP, Drive -(Mitsubishi 12V)
801	392061		CAP, Drive -(3-1/16 or 3-3/4 Housing)
801	393228		CAP, End -(3 1/2 Housing) (Briggs & Stratton 110V)
801	393682		CAP, Drive -American Bosch 110V (06026-28-MO-30-SM)
802	299965		CAP, End -(Mitsubishi 110V) Includes Brush Set
802	390089		CAP, End -(American Bosch 12V) Includes Brush Set
802	390098		CAP, End -Includes Brush Set (American Bosch 110 V Starters)
802	390448		CAP, End -(American Bosch 12V) Includes Brush Set
802	390455		CAP, End -Includes Brush Set (Mitsubishi 12V starters)
802	390846		CAP, End -(3 1/16 Housing) Includes Brush Set
802	393691		CAP, End -(American Bosch 110V) Includes Brush Set
802	393833		CAP, End -(3 1/2 Housing) (Briggs & Stratton 110V) Includes Brush Set
803	299967		HOUSING, Starter
803	390095		HOUSING, Starter -(American Bosch 110V)
803	390096		HOUSING, Starter -(American Bosch 110V)
803	390097		HOUSING, Starter
803	390447		HOUSING, Starter -(American Bosch 12V)
803	390452		HOUSING, Starter -(Mitsubishi 12V)
803	390453		HOUSING, Starter -(Mitsubishi 12V)
803	392744		HOUSING, Starter -(3 1/16 Housing)
803	393433		HOUSING, Starter -(3 1/2 Housing) (Briggs & Stratton 110V)

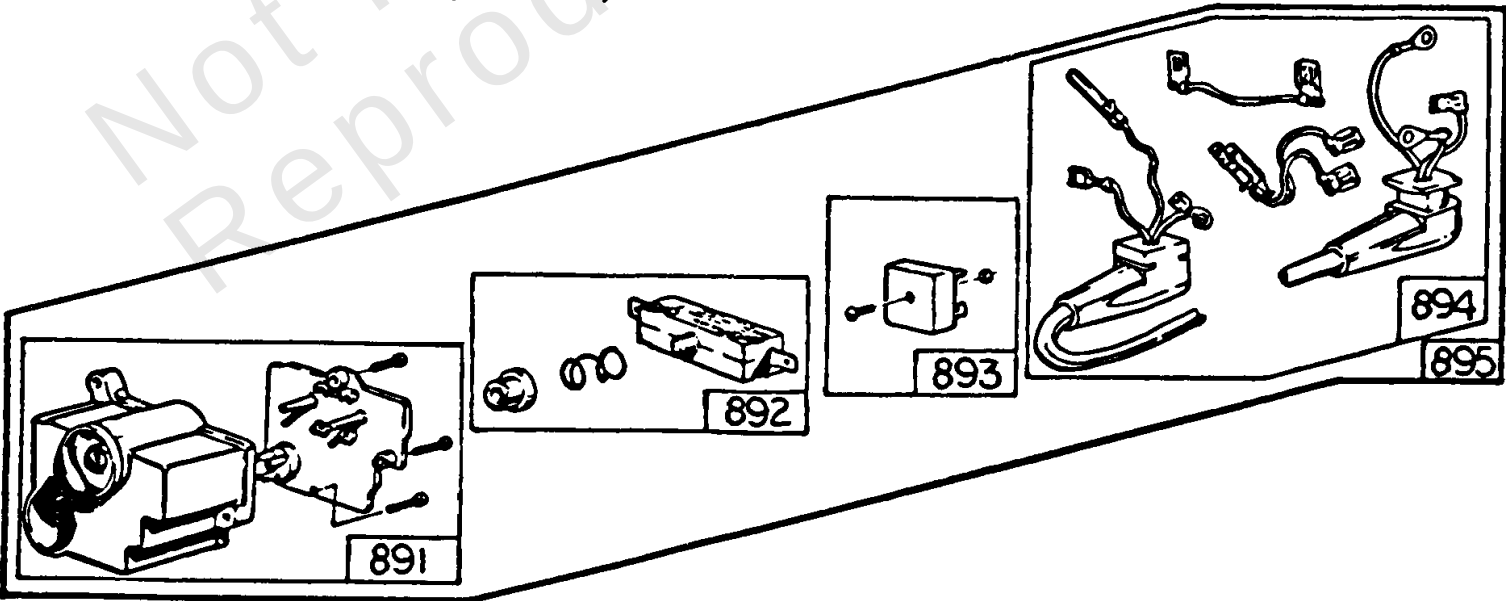
Footnotes:

For use only with Starter Motors with Plastic Drive Gear.



Subject		Ref. No. 309 and 895	Ref. No. 510	Ref. No. 801	Ref. No. 310	Ref. No. 803	Ref. No. 544	Ref. No. 311	Ref. No. 802
Manufacturer		Motor and Drive Assembly	Drive Assembly	Drive End Cap Assembly	Thru Bolt Assembly	Housing Assembly	Armature Assembly	Brush Assembly	Comm. End Cap Assembly
B&S	Housing Length								
120 V	3-1/2"	393851	391461*	393228	93889	393433	393607	393612	393833

*Includes #391135 Clutch Assembly (Ref. No. 513)
#280104 Gear (Ref. No. 783)
#391462 Retainer and Pin (Ref. No. 773)
93754 Roll Pin (Ref. No. 896)



Subject	Ref. No. 891	Ref. No. 892	Ref. No. 893	Ref. No. 894	Ref. No. 895
Manufacturer	Housing Group	Switch Group	Rectifier Group	Lead Group	Control Group
Briggs & Stratton					
120 V	393705	393708	393707	393706	393486

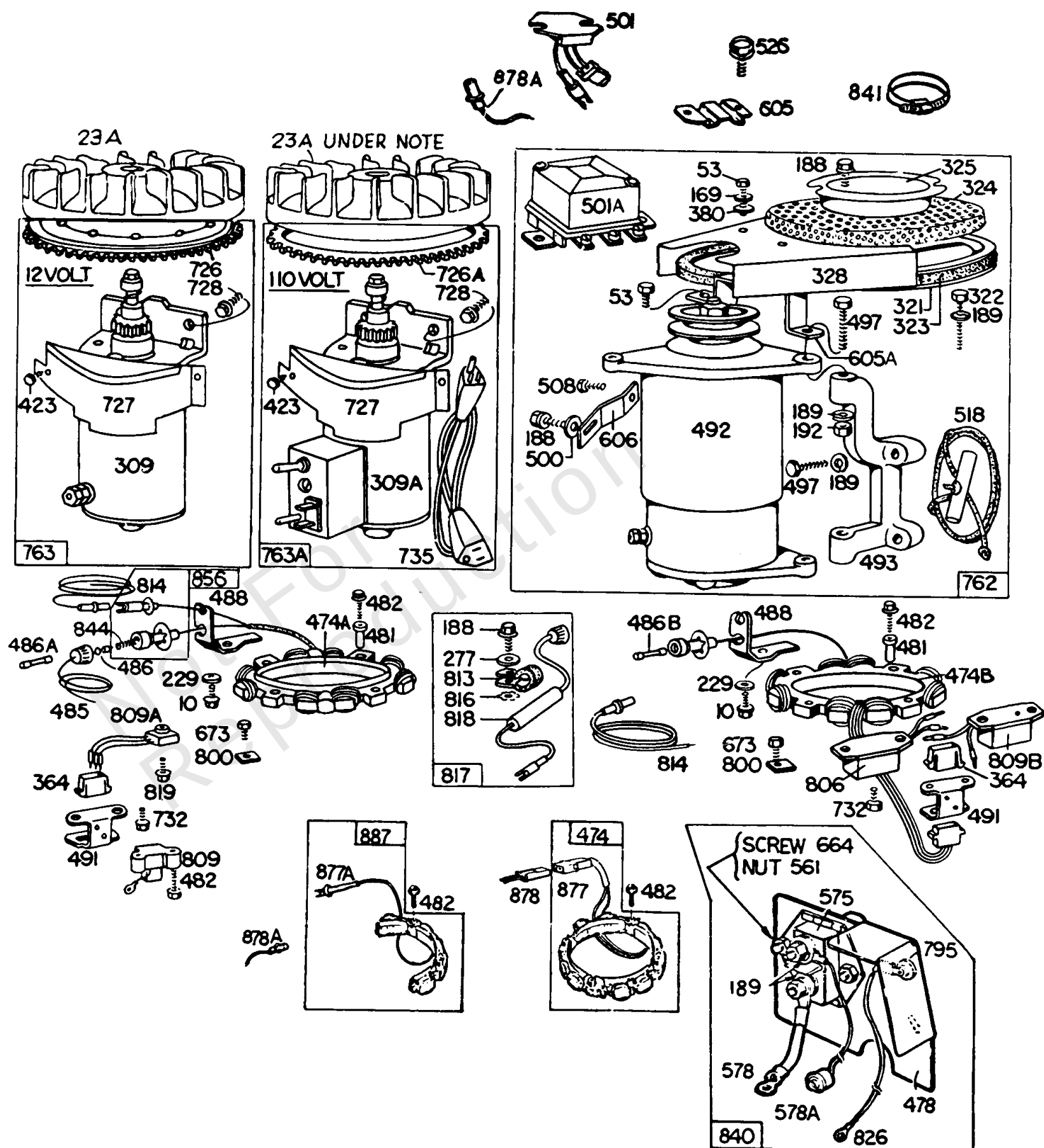
Electric Starter, StarterControl

REF NO	PART NO	QTY	DESCRIPTION
803	393781		HOUSING, Starter -American Bosch 110V (06026-28-MO-30-SM)
891	393705		HOUSING, Switch
892	393708		SWITCH, Starting -(Briggs & Stratton 110V)
893	393707		RECTIFIER -(Briggs & Stratton 110V)
894	393706		HARNESS, Wiring -(Briggs & Stratton 110V)
895	393486		SWITCH, Starting -(Briggs & Stratton 120V)
895	393851		MOTOR, Starter -(3 1/2 Housing) (Briggs & Stratton 110V)

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Footnotes:

For use only with Starter Motors with Plastic Drive Gear.

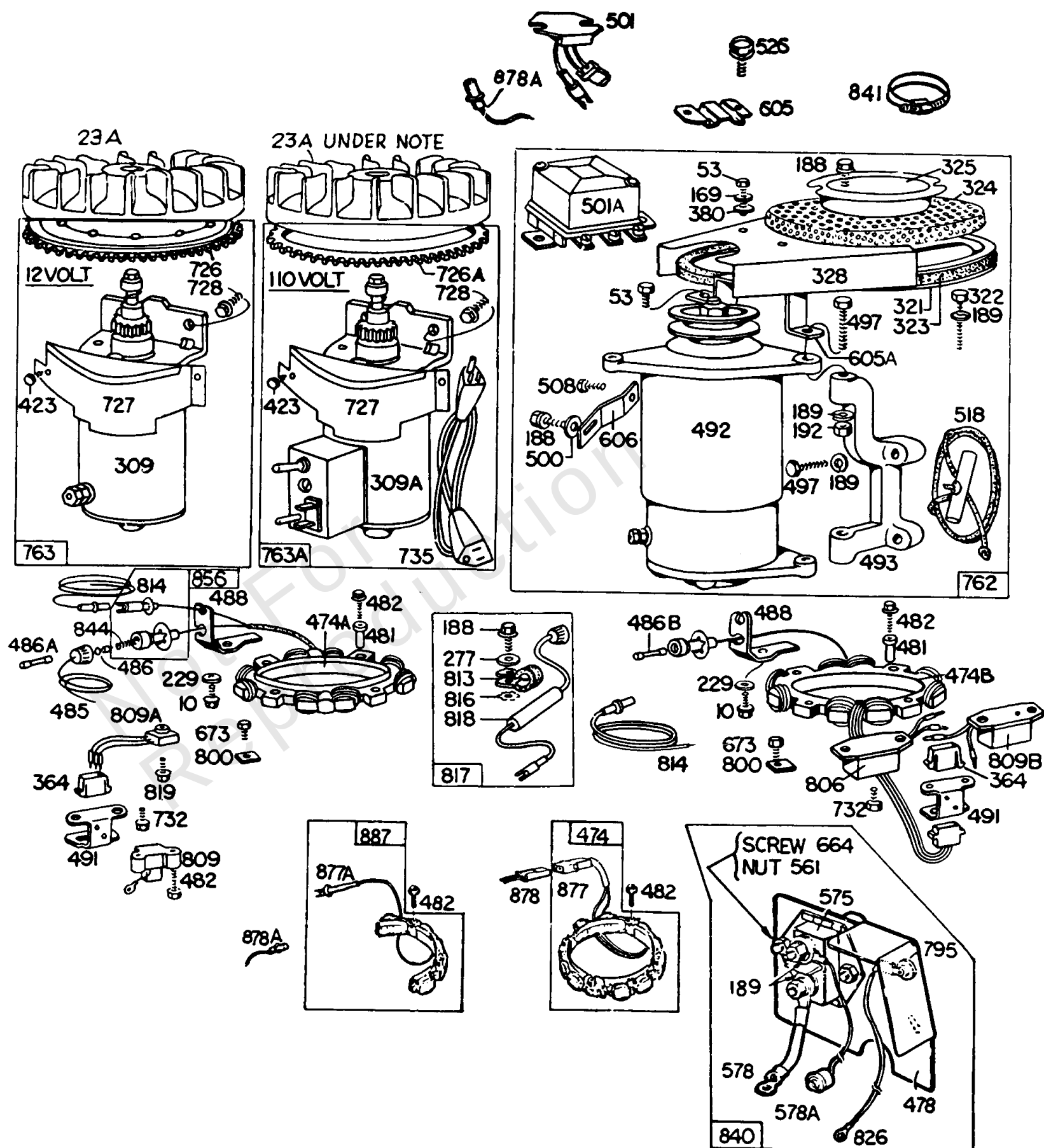


Electric Starters, Misc Elect

REF NO	PART NO	QTY	DESCRIPTION
10	93394		SCREW
23A	392034		FLYWHEEL -(Aluminum Ring Gear) For use only with starter motors with Plastic Drive Gear. Use on elec start engines W/O ALT (alum ring gear incl.)
23A	391983		FLYWHEEL -(Engines With Alternator) For use only with starter motors with Plastic Drive Gear. For use on engines WITH ALTERNATOR (Includes aluminum ring gear.)
23A	390180		FLYWHEEL -(Engines With Alternator) (Steel Ring Gear)
23A	299375		FLYWHEEL -Use on engs W/O ALT (machined for STEEL ring gear, not incl)
53	93357		SCREW
169	90832		SCREW -(Blower Housing)
188	93535		SCREW -(5/16-18 X 3/4) 93623 Screw
188	93659		SCREW -(Fuel Tank)
189	90366		WASHER
192	91397		NUT -(5/16-18)
229	220680		WASHER
277	22776		WASHER
309A	393143		MOTOR, Starter -(110 Volt)
309A	393143		MOTOR, Starter -(110 Volt)
309A	299764		MOTOR, Starter -(American Bosch 110V)
309A	299556		MOTOR, Starter -(American Bosch 110V)
309A	393143		MOTOR, Starter -(110 Volt)
309	390307		MOTOR, Starter
309	390307		MOTOR, Starter -(Bosch or Mitsubishi)
309	390838		MOTOR, Starter -(3 1/16 Housing)
309	392749		MOTOR, Starter -(3 1/16 Housing)
309	392749		MOTOR, Starter -(3 1/16 Housing)
309	393851		MOTOR, Starter -(3 1/2 Housing) (Briggs & Stratton 110V)
321	210899		PULLEY, Starter
322	90931		SCREW
323	68588		BELT, Vee
324	221067		SCREEN, Rotating
325	299307		PULLEY, Rope Starter -(With Screen)
328	221447		GUARD, Belt
364	280081		WIRE/CONNECTOR, Alternator
380	62199		WASHER

Footnotes:

For use only with Starter Motors with Plastic Drive Gear.
(For Stamped Rewind Housing)
Use 392918 Starter Panel Kit on Engines

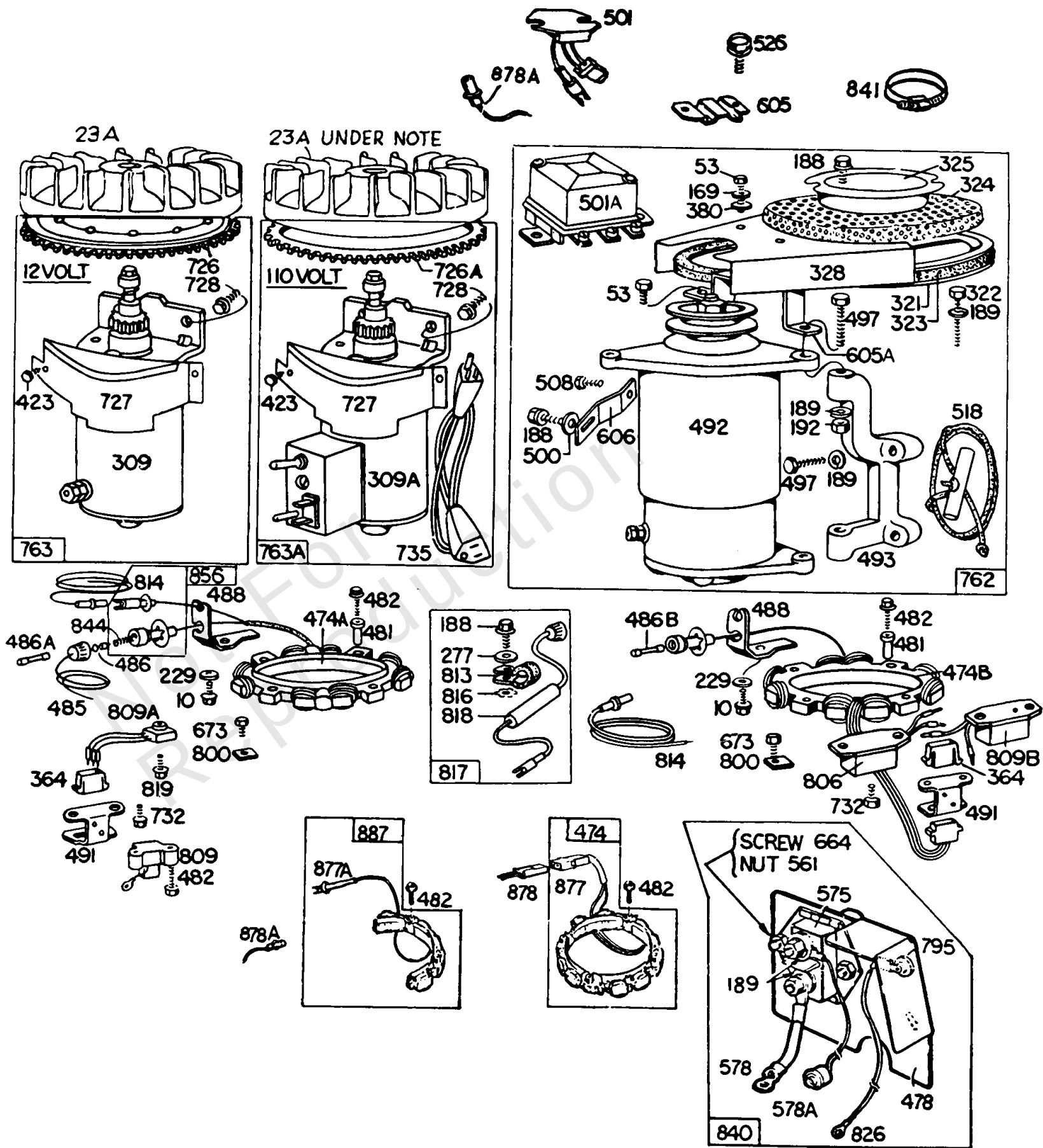


Electric Starters, Misc Elect

REF NO	PART NO	QTY	DESCRIPTION
423	93410		SCREW
474A	393800		ALTERNATOR -(Dual Circuit With Fuse)
474	393295		ALTERNATOR -(10, 13, or 16 Amp-Depending on Size of Flywheel Magnets) (Regulated)
474	393474		ALTERNATOR -(Dual Circuit)
478	222751		KIT, Panel -(Starter)
481	230976		BUSHING, Alternator
482	93621		SCREW -(Tapping)
485	390888		CAP, Wire/Fuse
486A	67125		FUSE -(7 1/2 Amp)
486	391507		RECTIFIER
488	222211		BRACKET, Mounting
491	222115		BRACKET, Mounting
492	390555		MOTOR, Starter -(12v Delco-Remy #1101695 & Pulley #1949358)
493	211594		BRACKET, Starter Motor
497	91203		SCREW -(5/16-18 X 1-3/4)
500	91325		WASHER
501A	295924		REGULATOR -(Flat Mount, Delco-remy)
501	393374		REGULATOR -(10 Amp)
508	93294		SCREW -(5/8)
518	69932		GRIP, Starter Rope
526	93343		SCREW -(Control Panel)
561	92278		NUT -(Starting Switch)
575	299139		SWITCH, Starting
578A	393109		WIRE ASSEMBLY -(Starter Switch To Alternator)
578	392683		CABLE, Starter
605A	298758		BRACKET, Mounting -(Upper)
605	222934		BRACKET, Mounting
606	221790		STRAP, Adjusting
664	93415		SCREW -(1/4-20 X 3/4)
673	93705		SCREW -(8-32 X 3/8)
726A	299543		GEAR, Ring -(Steel) (Includes Mounting Hardware) For use only with Starter Motor with Steel Drive Gear
726	391246		GEAR, Ring -(Includes Mounting Hardware) -Used Before Code Date 75022711

Footnotes:

For use only with Starter Motors with Plastic Drive Gear.
(For Stamped Rewind Housing)
Use 392918 Starter Panel Kit on Engines



Electric Starters, Misc Elect

REF NO	PART NO	QTY	DESCRIPTION
726	392134		GEAR, Ring -Used After Code Date 75022611
727	221940		GUARD, Flywheel -Uses: 93623 Screw (2)
727	391629		COVER, Starter Drive -(Motor 392749)
728	22776		WASHER
728	93523		SCREW -(5/16-18 X 11/16)
732	93490		SCREW -(Rotating Screen)
735	390748		CORD, Starter -(Canadian Use Only)
735	390966		CORD, Starter -(Includes Adaptor Plug)
762	296147		KIT, Electric Starter -(12 Volt) (High Position)
763A	393611		KIT, Electric Starter -(110 Volt Gear Drive) (Cannot be used with Alternator.)
763	391604		KIT, Electric Starter -(12 Volt Gear Drive)
795	392697		SWITCH, Toggle -(Toggle Switch) Uses: 93888 Nut-Hex.
795	392833		SWITCH, Key
800	222212		RETAINER
806	390545		REGULATOR
809A	390892		RECTIFIER
809	390892		RECTIFIER
813	390611		CLAMP
814	390867		HARNESS, Alternator -(Ac Only)
816	93664		WASHER
817	390627		WIRE/CONNECTOR, Alternator
818	390608		WIRE/CONNECTOR, Alternator
819	93680		SCREW
826	392684		WIRE, Stop -(Starter Switch to Ground Wire Terminal)
840	392725		KIT, Panel -(Key Switch)
840	392918		KIT, Panel -(Toggle Switch)
841	393514		CLAMP
844	261269		SPRING, Diode
856	393304		HOLDER, Fuse
877A	393814		WIRE/CONNECTOR, Alternator -(10 Amp Regulated)
877	393456		WIRE/CONNECTOR, Alternator
878A	393422		WIRE ASSEMBLY -(Dc Only)
878	393362		HARNESS, Alternator -(Dual Circuit)
887	391529		ALTERNATOR -(DC Only)

Footnotes:

For use only with Starter Motors with Plastic Drive Gear.
(For Stamped Rewind Housing)
Use 392918 Starter Panel Kit on Engines

Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	2158073025	1	Replacement Engine
	-----		Top No-Load Speed: 4000 -Trim: ALL
	-----		Service Note: If the replacement engine supersedes to or is a Model 210000 series engine, refer to the illustrations located after the conversion data for this model series. The overall dimensions which differ, are shown in the illustrations.
	-----		Service Note: If after making a visual inspection and it is determined the Model 210000 series engine cannot be used because of equipment interference, the original engine should be repaired with a short block and/or individual parts.

