

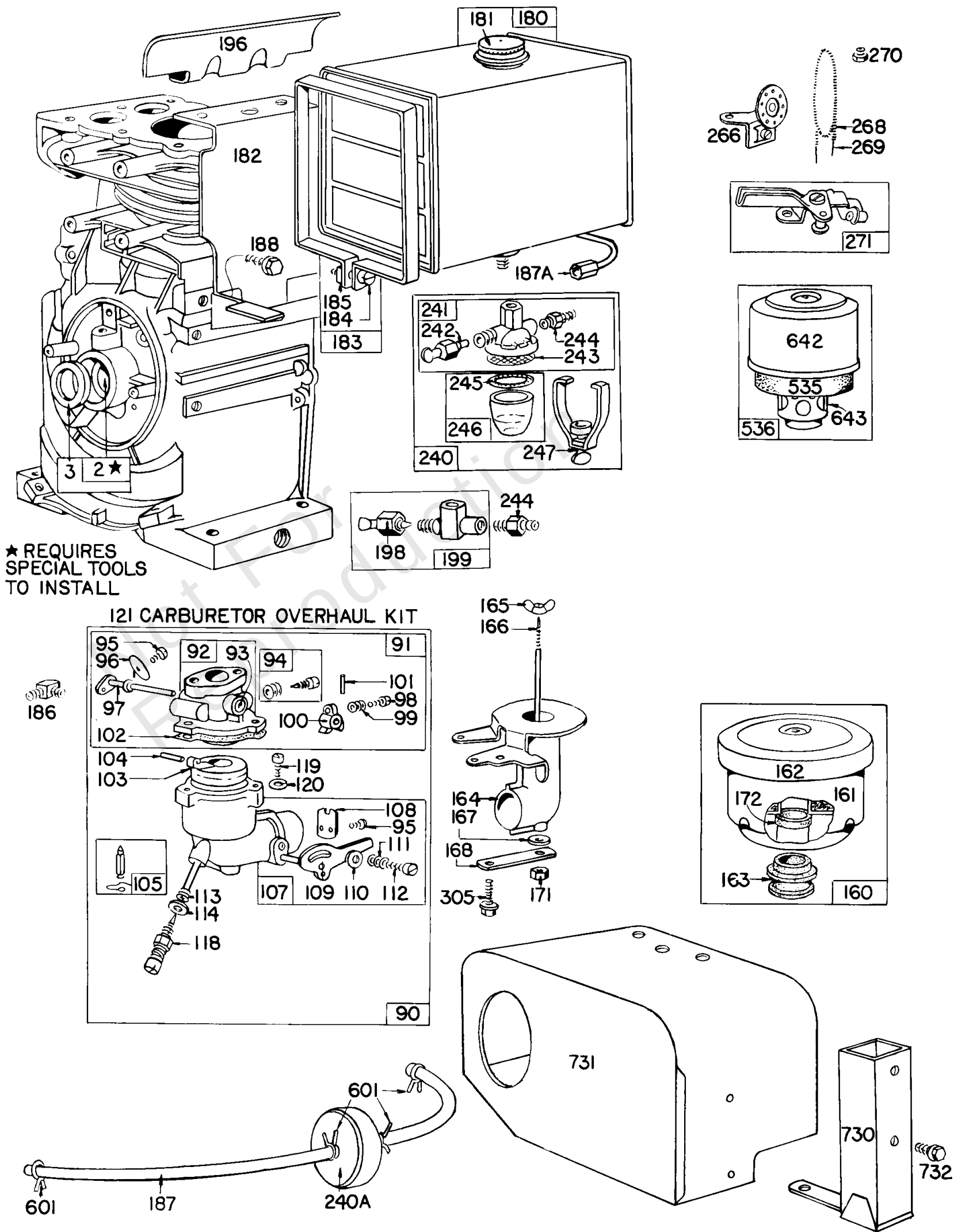


Parts Manual

Mfg. No: 146402-0660-99

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Not For
Reproduction

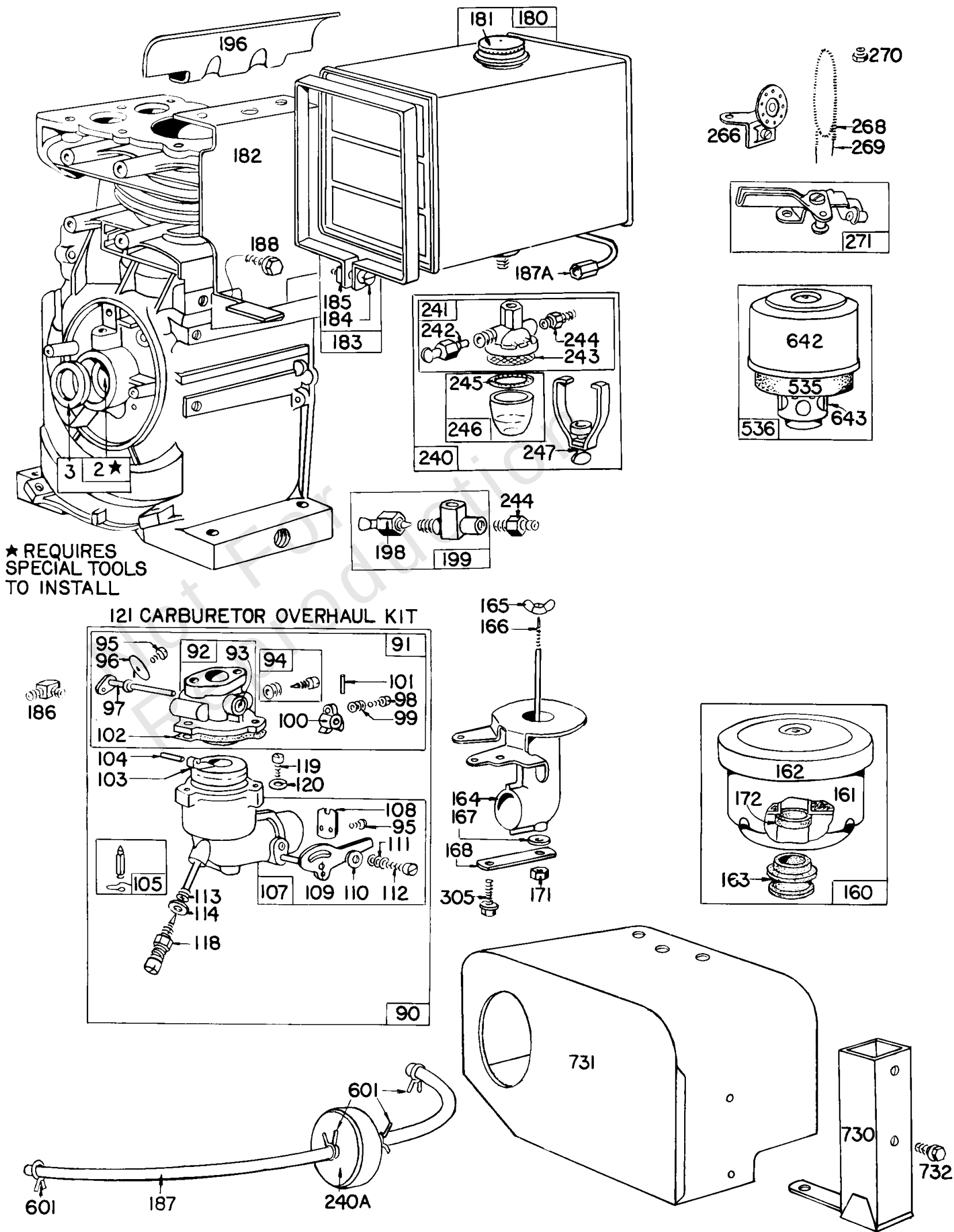


Carb Assy,Fuel Tank, A/C

REF NO	PART NO	QTY	DESCRIPTION
2	295962		KIT, Bushing/Seal
3	294606		SEAL, Oil
90	299169		CARBURETOR -(Manual Choke)
91	299171		BODY, Upper Carburetor
92	295858		BODY, Upper Carburetor
93	23108		BUSHING, Throttle Shaft
94	292681		VALVE, Idle Mixture -Included in Carburetor Overhaul Kit-Part No. 295938
95	93038		SCREW -(Throttle Valve)
96	62940		VALVE, Throttle
97	298826		SHAFT, Throttle
98	91920		SCREW -(8-32 X 5/8)
99	26157		SPRING, Compression
100	93043		PIN, Shaft
102	27918		GASKET, Carburetor Body -Included in Carburetor Overhaul Kit-Part No. 295938
103	99333		FLOAT, Carburetor
104	230896		PIN, Float Hinge -Included in Carburetor Overhaul Kit-Part No. 295938
105	299096		KIT, Needle/Seat
107	299170		BODY, Lower Carburetor
108	221835		VALVE, Choke
109	298875		SHAFT, Choke -(Manual)
110	62899		WASHER -(Thermostat)
111	26155		SPRING, Friction
112	23123		SCREW
113	390395		NOZZLE, Carburetor -Included in Carburetor Overhaul Kit-Part No. 295938
114	68667		WASHER -(Viton Seat) Included in Carburetor Overhaul Kit-Part No. 295938
118	391213		VALVE, Float Needle -Uses: 292226 Retainer Assembly-Needle Valve 68677 Packing-Needle Valve
118	99525		VALVE, High Speed -Included in Carburetor Overhaul Kit-Part No. 295938
119	90746		SCREW -(10-32 X 5/8)
120	92290		WASHER
121	295938		KIT, Carburetor Overhaul
160	296434		CLEANER, Air
161	296704		CLEANER, Air
162	296270		CLEANER, Air
163	27907		GASKET, Air Cleaner -Included in Gasket Set-Part No. 295970
164	298410		ELBOW, Intake
165	93453		NUT
166	230633		STUD -(Air Cleaner) (8 13/32)
167	66648		GASKET, Air Cleaner

Footnotes:

AssocPart: 0000000093062

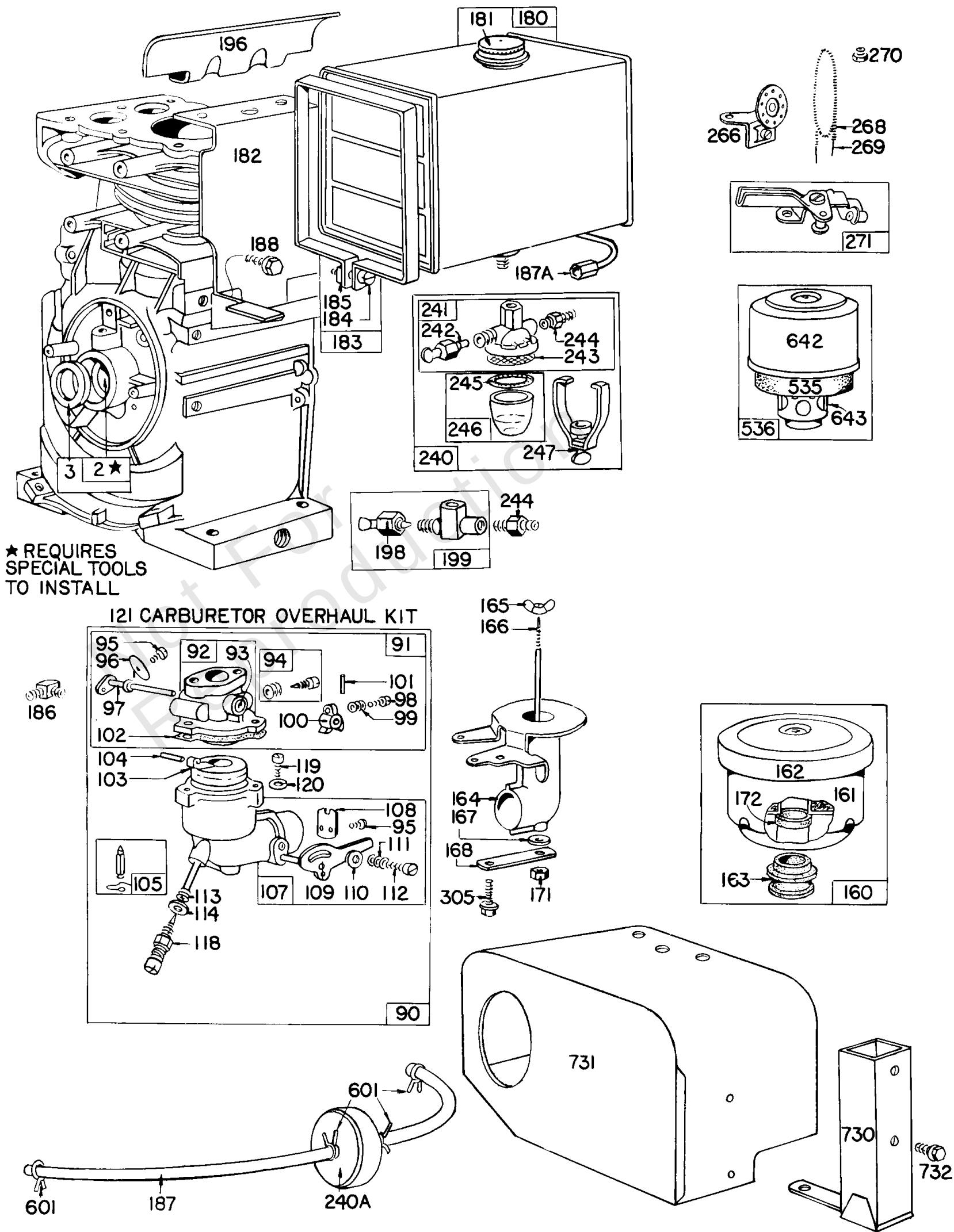


Carb Assy,Fuel Tank, A/C

REF NO	PART NO	QTY	DESCRIPTION
168	22832		STRAP/STUD, Air Cleaner Mounting
171	92129		NUT -(1/4-28)
172	27906		GASKET, Air Cleaner -(Air Cleaner)
180	290816		TANK, Fuel -(4 Quart)
181	69221		CAP, Fuel Tank -(1 3/4 O.D. Top)
182	220858		BRACKET, Fuel Tank
182	221906		BRACKET, Fuel Tank
183	291367		STRAP, Fuel Tank -(4 Quart)
184	91257		SCREW -(1/4-20 X 1-1/2)
185	90970		NUT -(1/4-20)
186	67218		CONNECTOR, Hose -For Connector for Metal Fuel Pipe order No. 63377
187A	295690		LINE, Fuel
187	299942		LINE, Fuel -(13)
188	93535		SCREW -(5/16-18 X 3/4)
196	22907		BRACKET, Fuel Tank -(8 Quart) (Remote Mount Only)
198	293934		VALVE, Fuel Shut Off
199	297563		OUTLET, Tank -Includes 293934 Shut-Off Valve
240A	298090		FILTER, Fuel
240	295984		CARBURETOR -(Flexible Line)
240	99910		FILTER, Fuel
241	296005		COVER, Fuel Filter
241	99909		COVER, Fuel Filter -(Metal Fuel Pipe)
242	295913		VALVE, Fuel Shut Off
243	22547		STRAINER, Fuel
244	230318		CONNECTOR, Hose -(Flexible Fuel Pipe) For Connector for Metal Fuel Pipe order No. 53029
245	68477		GASKET, Fuel Bowl -Included in Gasket Set-Part No. 295970
246	298683		BOWL, Fuel Filter
247	99665		YOKE, Bowl
266	291460		CONTROL, Throttle -(Disc Type)
268	65616		CASING, Control Wire -(Cut To Required Length)
269	26633		WIRE, Control -(Cut To Required Length) If longer wire is required, specify length in inches; if shorter wire is needed, order No. 26633 and cut to required length.
270	63426		NUT -(Control Wire Casing)
271	290568		LEVER, Control

Footnotes:

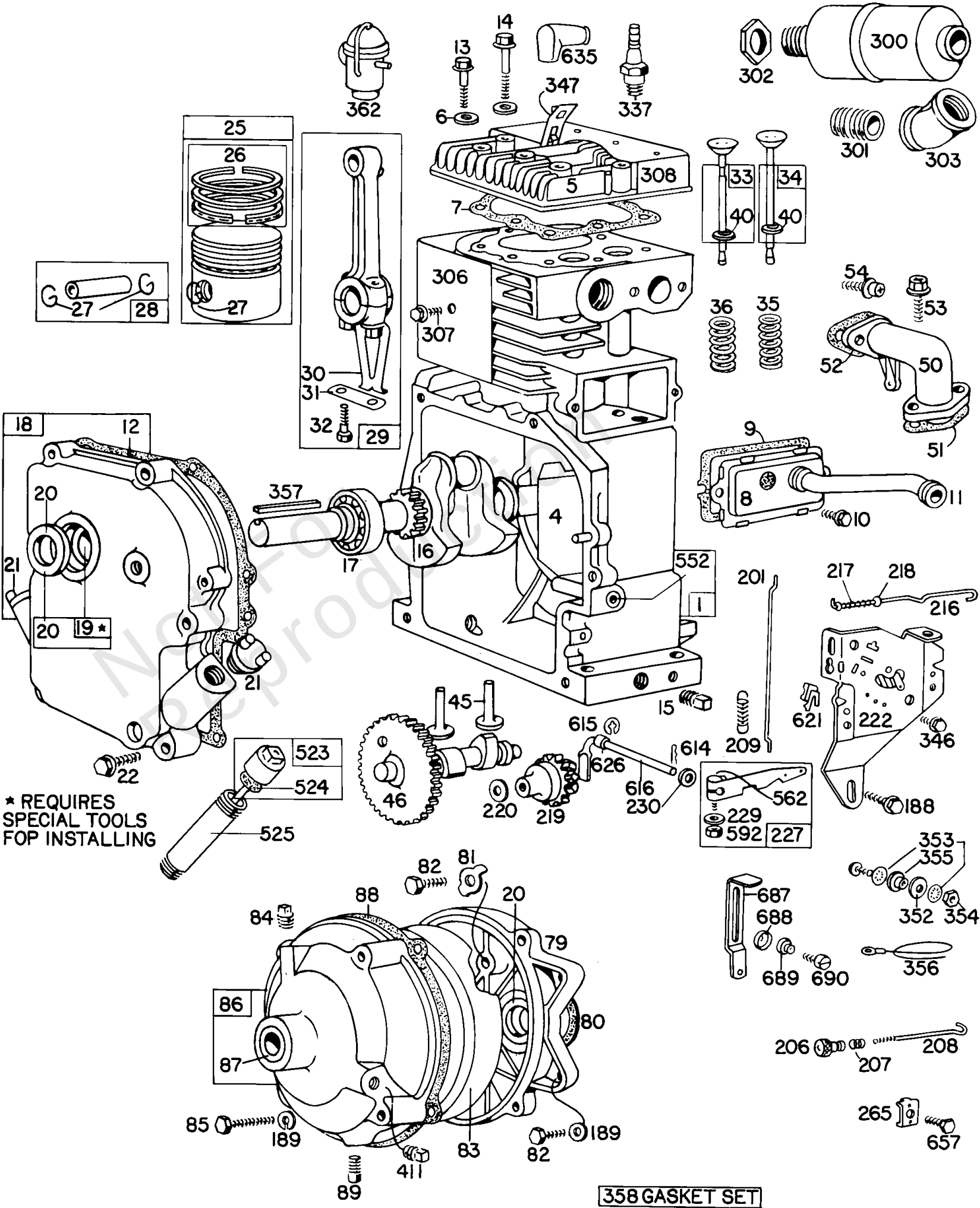
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Carb Assy,Fuel Tank, A/C

REF NO	PART NO	QTY	DESCRIPTION
305	92666		SCREW -(1/4-20 X 1/2)
305	93158		SCREW -(1/4-20 X 5/8)
535	270209		FILTER, Air Cleaner Foam
536	298681		CLEANER, Air
601	93053		CLAMP, Hose -(Green)
642	221634		COVER, Air Cleaner
643	280002		CUP, Air Cleaner
730	299384		MANIFOLD, Intake
731	299391		HOOD, Snow
732	93042		SCREW

Not For
Reproduction



Cyl, Piston, Muffler, CrnkCse

REF NO	PART NO	QTY	DESCRIPTION
1	299166		CYLINDER ASSEMBLY
1	299548		CYLINDER ASSEMBLY
4	221822		PLATE, Baffle
5	210578		HEAD, Cylinder
6	22963		WASHER
7	270340		GASKET, Cylinder Head -Included in Gasket Set-Part No. 295970
9	27803		GASKET, Rocker Cover -Included in Gasket Set-Part No. 295970
10	93536		SCREW
11	67068		TUBE, Breather -(Used with Metal Air Cleaner Pipe)
12	27750		GASKET, Crankcase -(1/64) Included in Gasket Set-Part No. 295970
12	27876		GASKET, Crankcase -(.005) Included in Gasket Set-Part No. 295970
12	27877		GASKET, Crankcase -(.009) Included in Gasket Set-Part No. 295970
13	93210		SCREW -(2-9/32)
14	93211		SCREW -(5/16-18 X 2-21/32)
15	91084		PLUG, Oil Drain -(3/8)
16	260315		CRANKSHAFT
17	29530		BEARING, Ball
18	299167		COVER, Crankcase
19	295964		KIT, Bushing/Seal -(PTO Side)
20	298423		SEAL, Oil
21	66768		PLUG, Oil
22	93585		SCREW -(Crankcase Cover)
25	297692		PISTON ASSEMBLY -(Standard)
25	297693		PISTON ASSEMBLY -(.010 Oversize)
25	297694		PISTON ASSEMBLY -(.020 Oversize)
25	297695		PISTON ASSEMBLY -(.030 Oversize)
26	297705		SET, Ring -(.010 Oversize)
26	297706		SET, Ring -(.020 Oversize)
26	297707		SET, Ring -(.030 Oversize)
26	297815		SET, Ring -(Standard)
26	298745		SET, Ring -(Standard)
27	68546		LOCK, Piston Pin

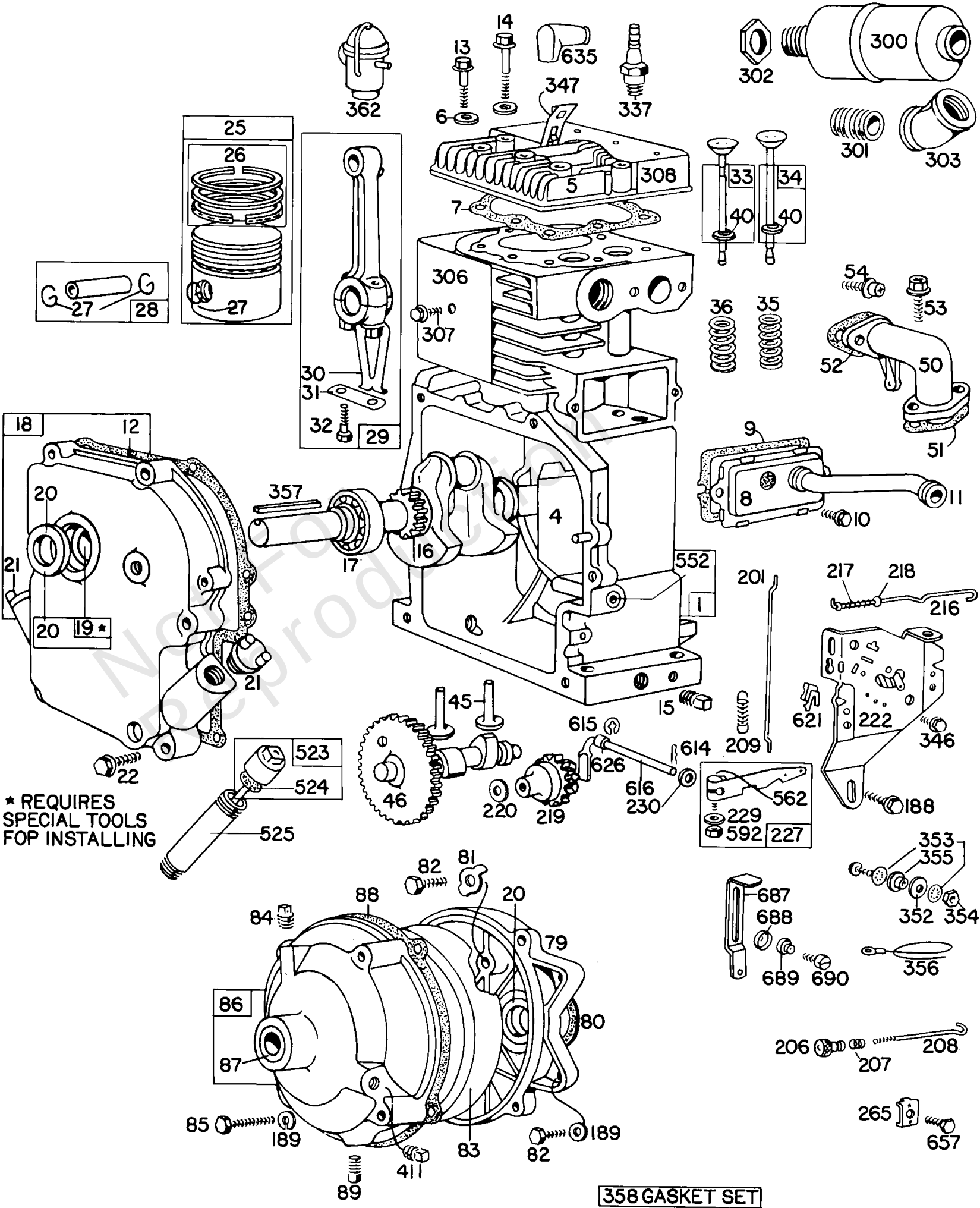
Footnotes:

with hole in stem except those with Rotocoil.

For Pins and Retainers for this Valve, see Note under Ref. No. 40

For Pins and Retainers for this valve see Note under Ref. 40

AssocPart: 000000093062



Cyl, Piston, Muffler, CrnkCse

REF NO	PART NO	QTY	DESCRIPTION
28	295840		PIN, Piston -(Standard)
28	295841		PIN, Piston -(.005 Oversize)
29	295838		ROD, Connecting -For Connecting Rod with .020 undersize Crankpin-order No. 298788
30	220837		DIPPER, Connecting Rod
31	220811		LOCK, Rod Screw
32	92659		SCREW -(Connecting Rod)
33	230385		VALVE, Exhaust -(With Hole In Stem) -Used Before Code Date 6711060
33	299885		VALVE, Exhaust -(Grooved Stem-Includes Retainer) -Used After Code Date 6711030
34	230386		VALVE, Intake -(With Hole In Stem) -Used Before Code Date 6711060
34	299884		VALVE, Intake -(Grooved Stem-Includes Retainer) -Used After Code Date 6711030
35	65906		SPRING, Valve -(Intake)
36	65906		SPRING, Valve -(Intake)
40	221596		RETAINER, Valve -(Valves With Groove In Stem) -Used After Code Date 6711030
40	230476		PIN, Retainer -Used Before Code Date 6711060
40	230477		RETAINER, Valve
40	230570		PIN, Retainer
40	292260		RETAINER, Valve -(Exhaust Valve) (Exhaust)
45	260933		TAPPET, Valve
46	210728		CAMSHAFT
50	210705		MANIFOLD, Intake
51	65647		GASKET, Intake -Included in Carburetor Overhaul Kit-Part No. 295938. Included in Gasket Set-Part No. 295970
52	27828		GASKET, Intake -Included in Gasket Set-Part No. 295970
53	93128		SCREW
54	93208		SCREW -(Intake Manifold)
79	296179		CASE, Gear Reduction
80	27884		GASKET, Gear Cover/Housing
81	220234		LOCK, Muffler Screw
82	92502		SCREW
83	296052		SHAFT, Auxiliary Drive
84	92617		SCREW -(Gear Case)

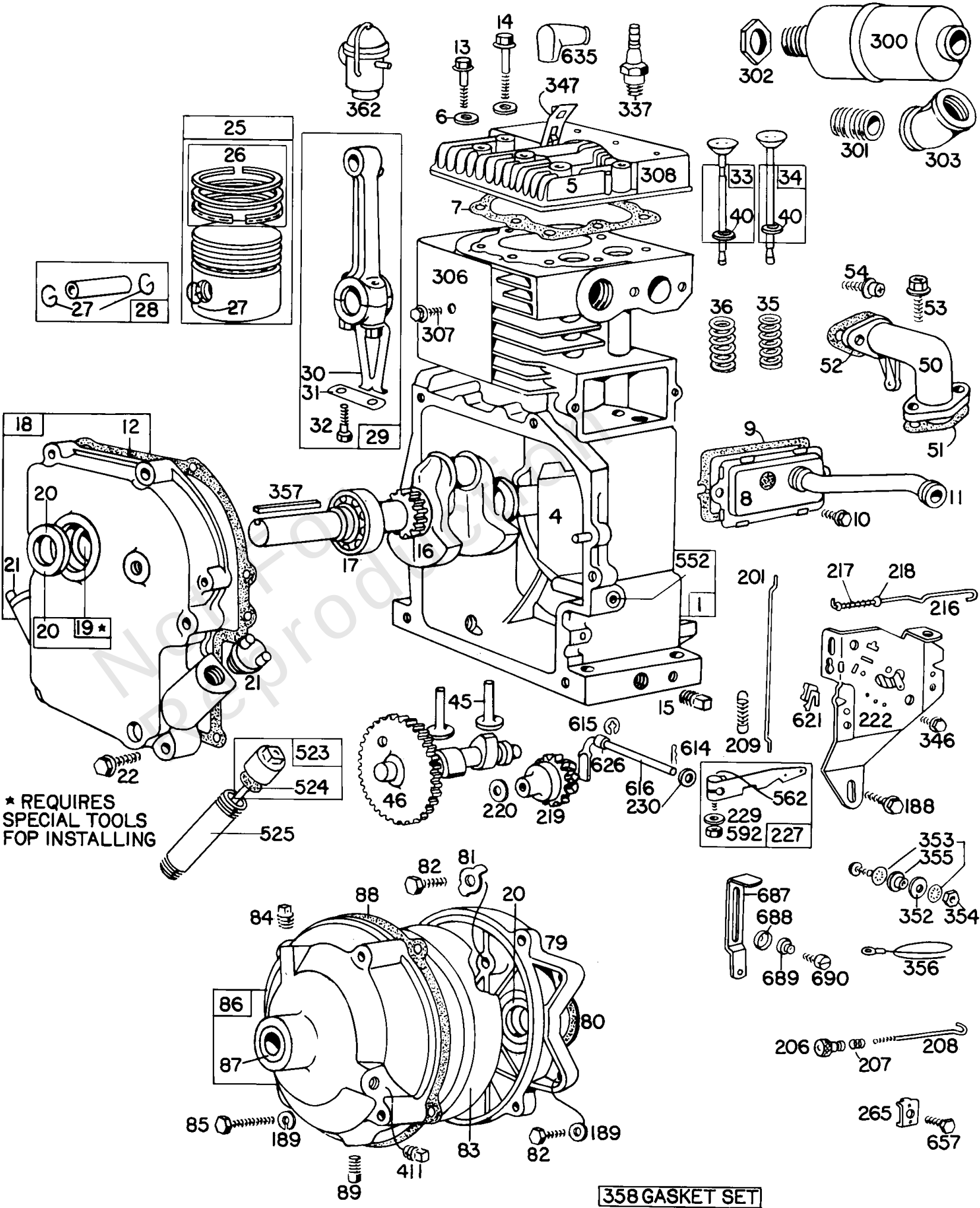
Footnotes:

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AssocPart: 000000093062

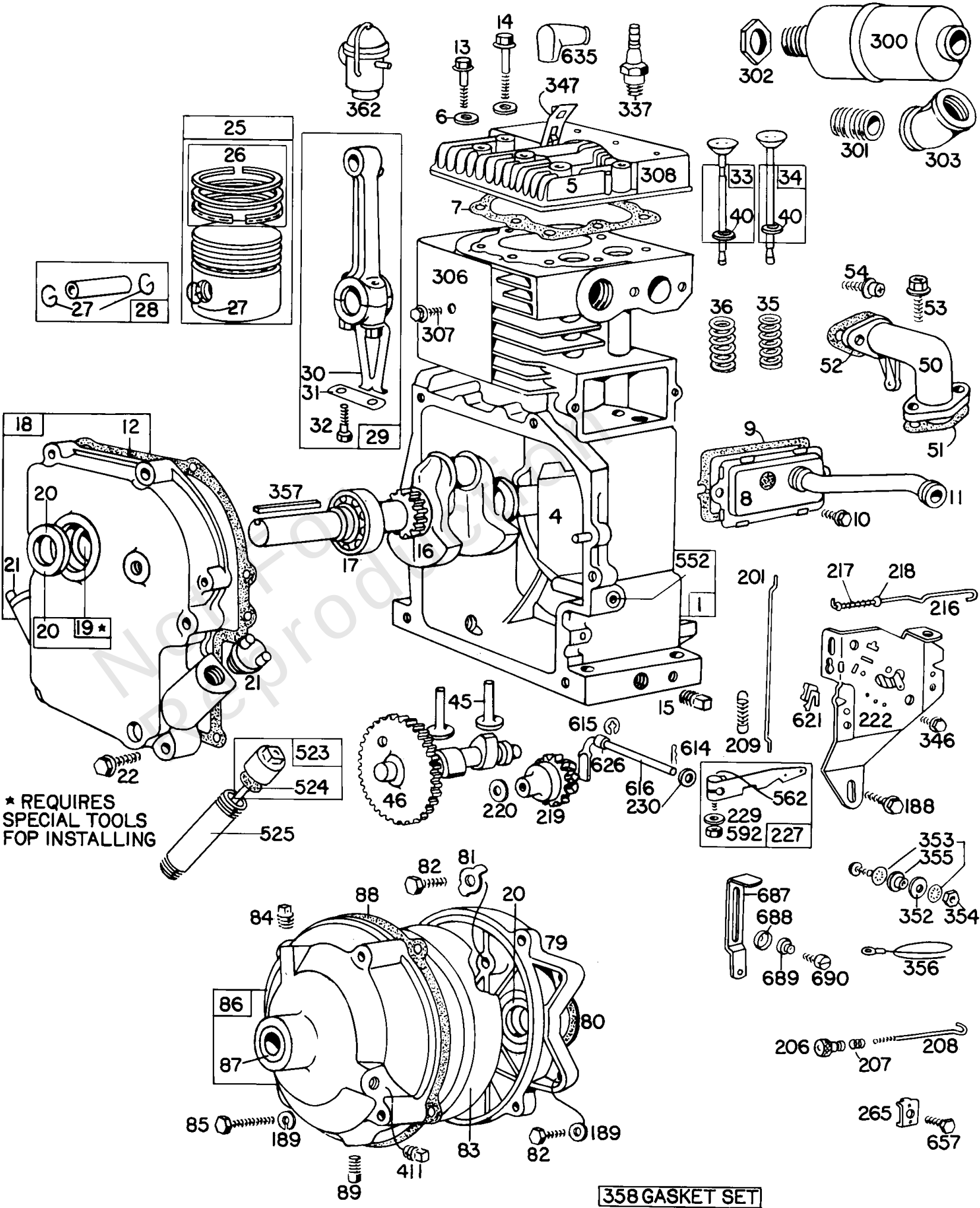


Cyl, Piston, Muffler, CrnkCse

REF NO	PART NO	QTY	DESCRIPTION
85	91386		SCREW -(2)
86	296053		COVER, Gear
87	298423		SEAL, Oil
88	27328		GASKET, Gear Cover/Housing
89	91488		PLUG -(1/8)
188	93535		SCREW -(5/16-18 X 3/4)
189	90366		WASHER
201	260872		LINK, Throttle
206	230149		NUT, Governor Adjusting -(5-44)
207	26855		SPRING, Governor Link
208	230841		ROD, Governor Control
209	260871		SPRING, Governor -(2700 To 3300 RPM)
216	260880		LINK, Choke
217	260903		SPRING, Choke Return
218	221198		WASHER
219	297656		GEAR, Governor
220	221551		WASHER -(Governor Lever)
222	299012		BRACKET, Control
227	299165		LEVER, Governor Control -(3/16 Diameter)
229	220680		WASHER
230	221559		WASHER -(3/16 I.D.)
265	221535		CLAMP, Casing -(Stamped Steel)
300	294599		MUFFLER
301	91245		ELBOW, Exhaust
302	91242		LOCKNUT -(Muffler and Elbow)
303	91464		ELBOW, Exhaust -(90 Degree Street)
306	221005		SHIELD, Cylinder
307	93163		SCREW
308	220824		SWITCH, Stop
337	29693		PLUG, Spark
337	298809		PLUG, Spark -Spark Plugs 298809, 29693 and 293918 use Ignition Cable Term. No. 221798
346	93014		SCREW
347	221808		SWITCH, Stop
352	66068		WASHER -(Fiber)
353	92791		WASHER
354	90576		NUT -(Ground Terminal)

Footnotes:

with hole in stem except those with Rotocoil.
For Pins and Retainers for this Valve, see Note under Ref. No. 40
For Pins and Retainers for this valve see Note under Ref. 40
AssocPart: 000000093062

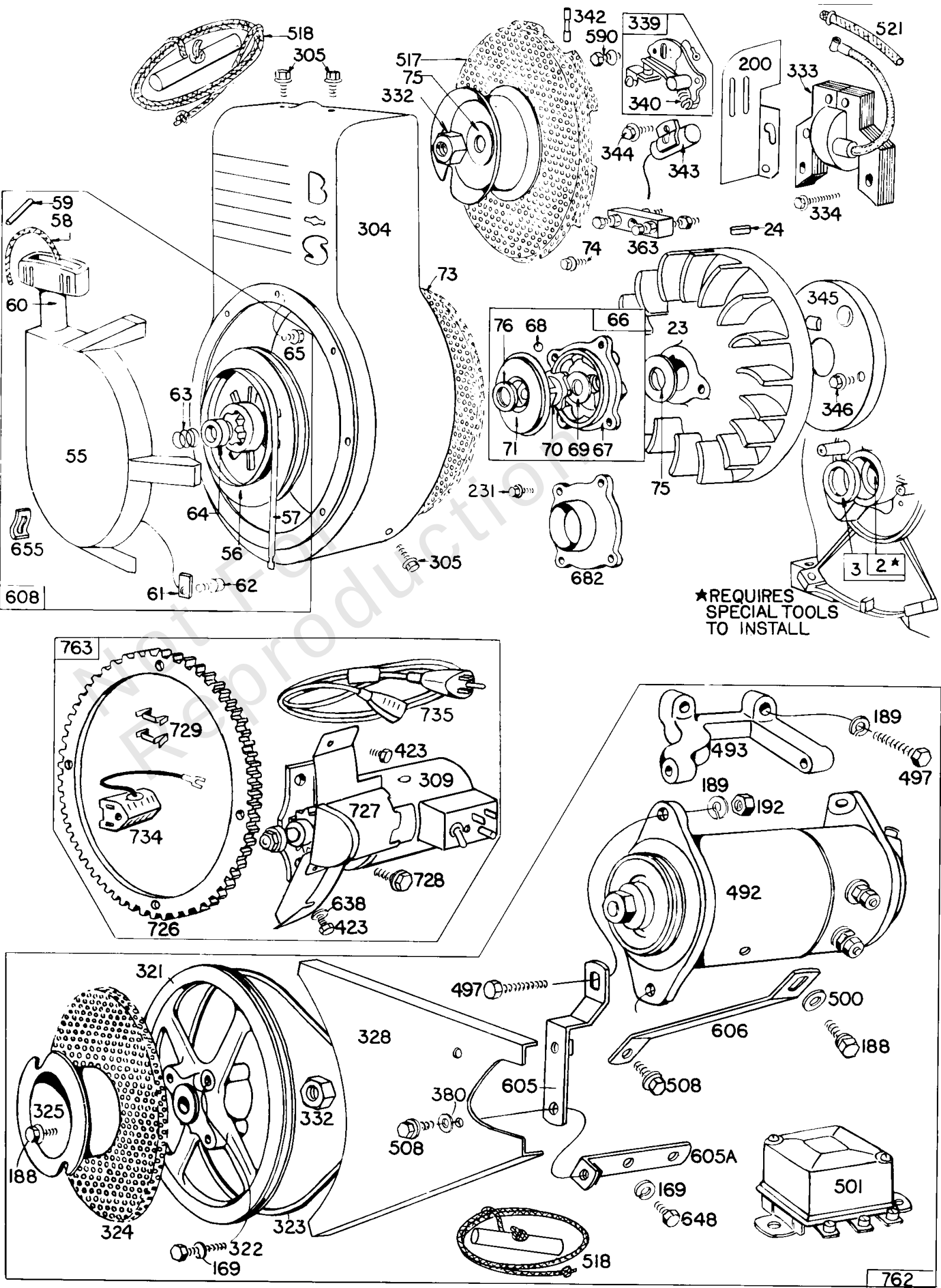


Cyl, Piston, Muffler, CrnkCse

REF NO	PART NO	QTY	DESCRIPTION
355	66554		WASHER -(Insulating)
356	299500		WIRE, Stop -(Used with Armature Refs. 333A and 333B)
357	91540		KEY, Drive Pulley -(1/4)
358	295970		GASKET SET, Engine
362	291630		SHIELD, Spark Plug -(With Stop Switch)
411	93448		PLUG, Oil Drain -(Flush) (1/4-18 NPTF) (Flush) (1/4 18 NPTF)
523	295923		CAP, Oil Fill
524	65304		SEAL, O-Ring -(Dipstick Cap)
525	230553		PIPE, Oil -(5-1/4)
525	299284		TUBE, Dipstick
552	230843		BUSHING, Governor Crank -(3/16 I.D.)
562	92613		BOLT -(Governor Lever)
592	90356		NUT -(10-24)
614	93306		PIN, Cotter
615	93307		RETAINER, Governor Shaft
616	230842		CRANK, Governor
621	297472		SWITCH, Stop
626	230749		SPACER -(Governor Lever)
635	66538		BOOT, Spark Plug
657	93496		SCREW -(10-32 X 5/8)
687	298957		SLIDE, Control
688	221766		SPRING, Friction
689	260847		SPRING, Friction
690	92484		SCREW

Footnotes:

with hole in stem except those with Rotocoil.
For Pins and Retainers for this Valve, see Note under Ref. No. 40
For Pins and Retainers for this valve see Note under Ref. 40
AssocPart: 0000000093062

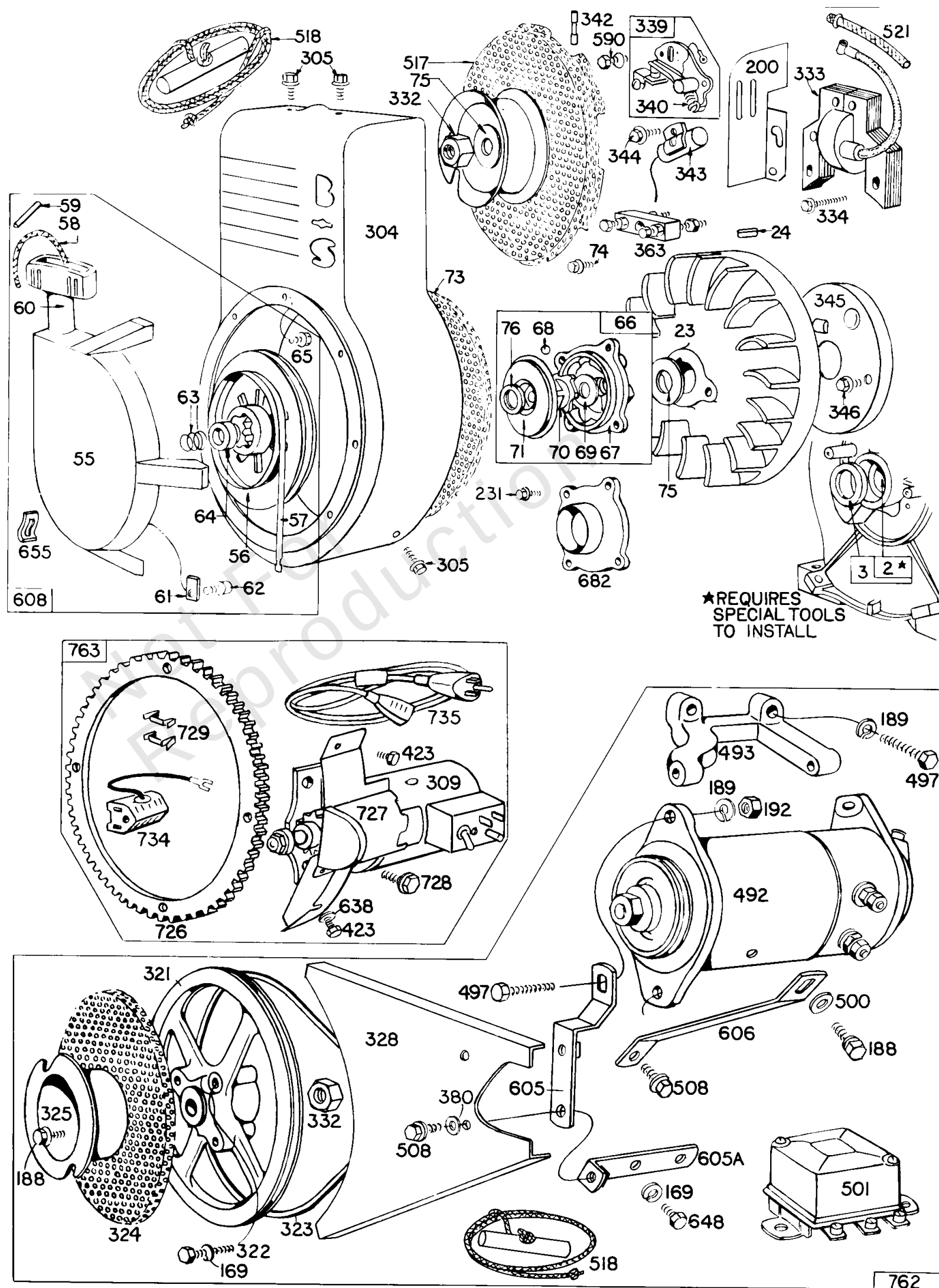


Electric Starter, Rewinds

REF NO	PART NO	QTY	DESCRIPTION
2	295962		KIT, Bushing/Seal
3	294606		SEAL, Oil
23	298260		FLYWHEEL
24	61760		KEY, Flywheel -(Breaker Ignition)
55	295272		HOUSING, Rewind Starter -(Casting) (Metal Pulley)
56	295871		PULLEY, Starter -(63 Rope)
57	294303		SPRING, Rewind Starter
58	66564		ROPE, Starter -(63 Rope) If longer rope is needed, order No. 66574 and cut to required length.
59	230228		PIN, Starter Grip
60	66728		GRIP, Starter Rope
61	68848		BUMPER, Starter Pulley
62	93254		SCREW -(Pulley)
63	260414		SPRING, Ratchet
64	230543		ADAPTER, Ratchet Spring
65	230796		NUT
65	92290		WASHER
65	93106		SCREW -Used After Code Date 6904301
65	93163		SCREW -Used Before Code Date 6905011
65	93420		SCREW -(3/4)
66	298798		CLUTCH, Starter -(Rewind Starter) -Used After Code Date 6601171
67	211383		HOUSING, Clutch -Used After Code Date 6601171
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 -Used After Code Date 6601171
71	221653		WASHER -Used After Code Date 6601171
73	220823		SCREEN, Rotating -Used Before Code Date 6601181
73	221796		SCREEN, Rotating -Used After Code Date 6601171
74	93042		SCREW
75	220865		WASHER -(Heavy Flywheel)
76	68238		SEAL, Ratchet
169	90832		SCREW -(Blower Housing)
188	93535		SCREW -(5/16-18 X 3/4)
189	90366		WASHER
192	91397		NUT -(5/16-18)

Footnotes:

(For engine W/Ring Gear on FW equipped for Elec Start)
AssocPart: 000000093062

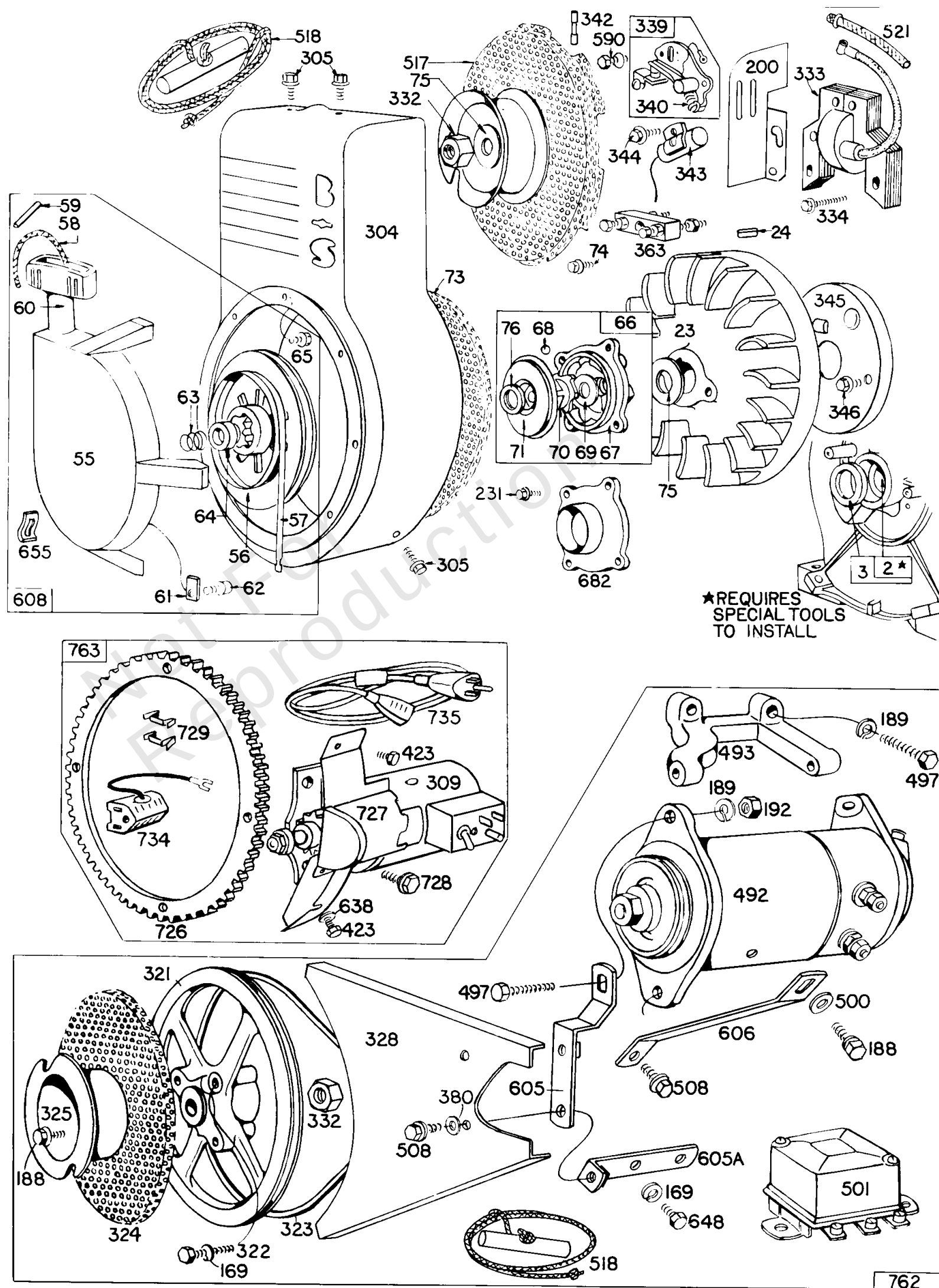


Electric Starter, Rewinds

REF NO	PART NO	QTY	DESCRIPTION
200	221760		GUIDE, Air
231	93064		SCREW
304	299853		HOUSING, Blower
305	92666		SCREW -(1/4-20 X 1/2)
305	93158		SCREW -(1/4-20 X 5/8)
309	299329		MOTOR, Starter -(Mitsubishi and American Bosch 110V)
321	210899		PULLEY, Starter
322	90931		SCREW
323	67708		BELT, Vee
324	221067		SCREEN, Rotating -Uses: 93506 Screw
325	299307		PULLEY, Rope Starter -(With Screen)
328	221447		GUARD, Belt
332	92284		NUT -(Flywheel)
334	93381		SCREW
339	29667		BREAKER, Ignition
340	26018		SPRING, Breaker Arm
342	65704		PLUNGER, Breaker
343	29861		CONDENSER
344	93370		SCREW -(Condenser)
345	221046		COVER, Breaker
346	93014		SCREW
363	19165		PULLER, Flywheel
380	91324		WASHER
423	93410		SCREW
492	296028		MOTOR, Starter -(12v Delco-Remy #1101695 & Pulley #1949358) Delco-Remy No. 1101873 and Pulley-Delco-Remy No. 1949358)
493	211112		BRACKET, Starter Motor
497	91203		SCREW -(5/16-18 X 1-3/4)
500	91325		WASHER
501	295924		REGULATOR -(Flat Mount, Delco-remy)
508	93294		SCREW -(5/8)
517	295423		PULLEY, Rope Starter
518	69932		GRIP, Starter Rope
521	298529		SHIELD, Protective
521	299367		SHIELD, Protective -Uses: 92704 Term.-Spark Plug
590	93226		SCREW
605A	297171		BRACKET, Support -(Lower)
605	297187		BRACKET, Mounting -(Upper)

Footnotes:

(For engine W/Ring Gear on FW equipped for Elec Start)
AssocPart: 000000093062



Electric Starter, Rewinds

REF NO	PART NO	QTY	DESCRIPTION
606	221443		STRAP, Adjusting
608	295001		STARTER, Rewind -For Starter Assembly with longer than standard length rope (63) order No. 298107
638	26404		WASHER
648	91439		SCREW
655	221014		ANCHOR, Rewind Spring
682	211516		SHIELD, Starter
726	299543		GEAR, Ring -(Steel) (Includes Mounting Hardware)
727	221940		GUARD, Flywheel -Uses: 92034 Screw (2)
727	390233		COVER, Starter Drive
728	93523		SCREW -(5/16-18 X 11/16)
729	221907		CLIP, Wire
734	299484		PLUG
735	390748		CORD, Starter -(Canadian Use Only)
735	390966		CORD, Starter -(Includes Adaptor Plug)
762	297335		KIT, Electric Starter -(12 Volt) (Low Position)
763	299914		KIT, Electric Starter -(110 Volt Gear Drive) For 12 Volt Gear Drive Starter Kit-order No. 390211

Footnotes:

(For engine W/Ring Gear on FW equipped for Elec Start)
AssocPart: 0000000093062

Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	20S2320036	1	Replacement Engine
	-----		Top No-Load Speed: 3600 -Trim: ALL
	-----		Service Note: If the replacement engine supersedes to or is a Model 200000 series engine, refer to the illustrations located after the conversion data for this model series.
	-----		Service Note: To make the crankshaft center line the same add 695154 spacer kit, other overall dimensions which differ, are shown in the illustrations.
	-----		Service Note: If after making a visual inspection and it is determined the Model 200000 series engine cannot be used because of equipment interference, the original engine should be repaired with a short block and/or individual parts.
	-----		Service Note: If necessary, to make the original engine crankshaft center line the same add 695154 spacer kit.
	-----		Service Note: For all Go-Karts use only a Model 136200 series engine as a replacement, regardless of the original Model.

