

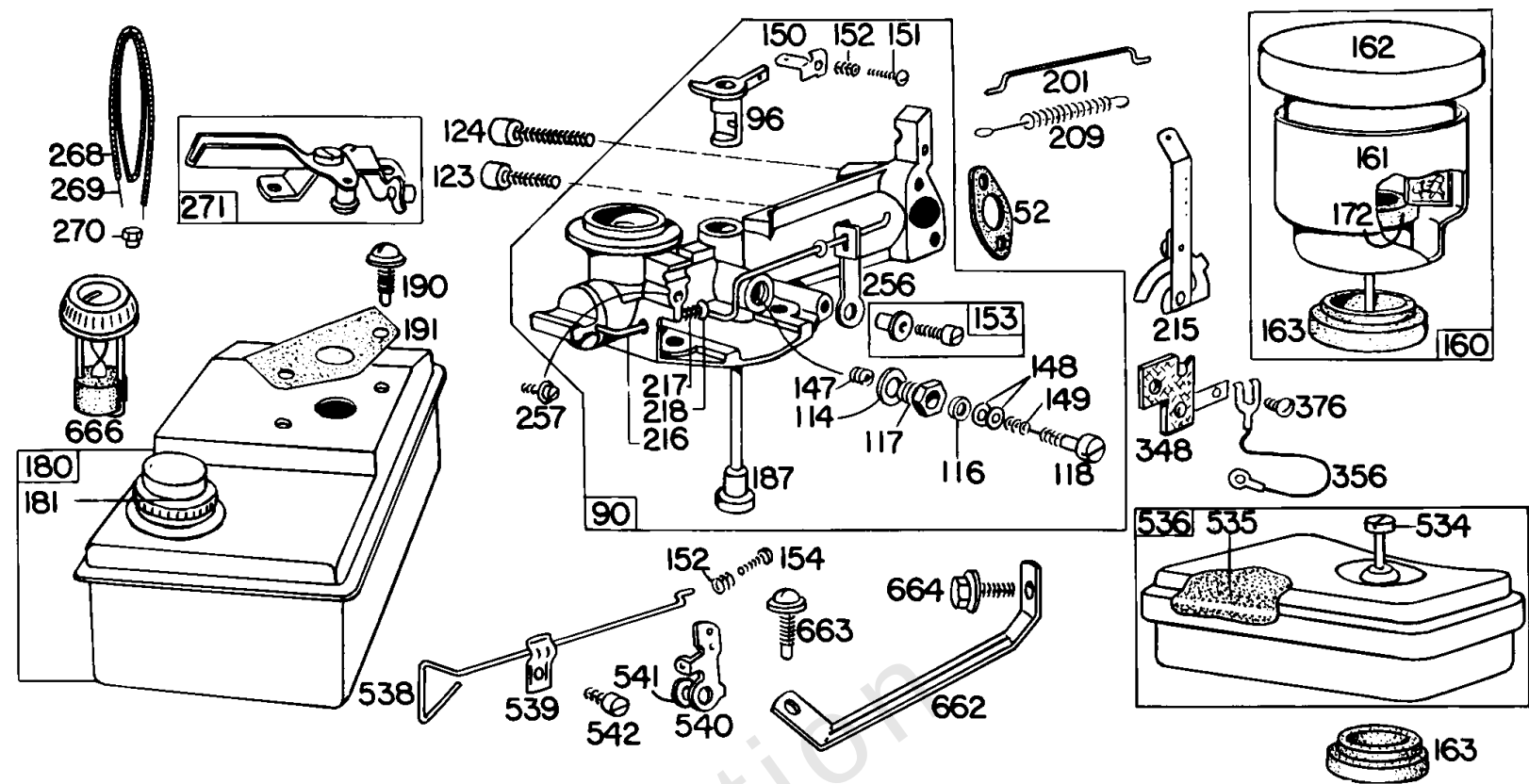


Parts Manual

Mfg. No: 080502-9090-41

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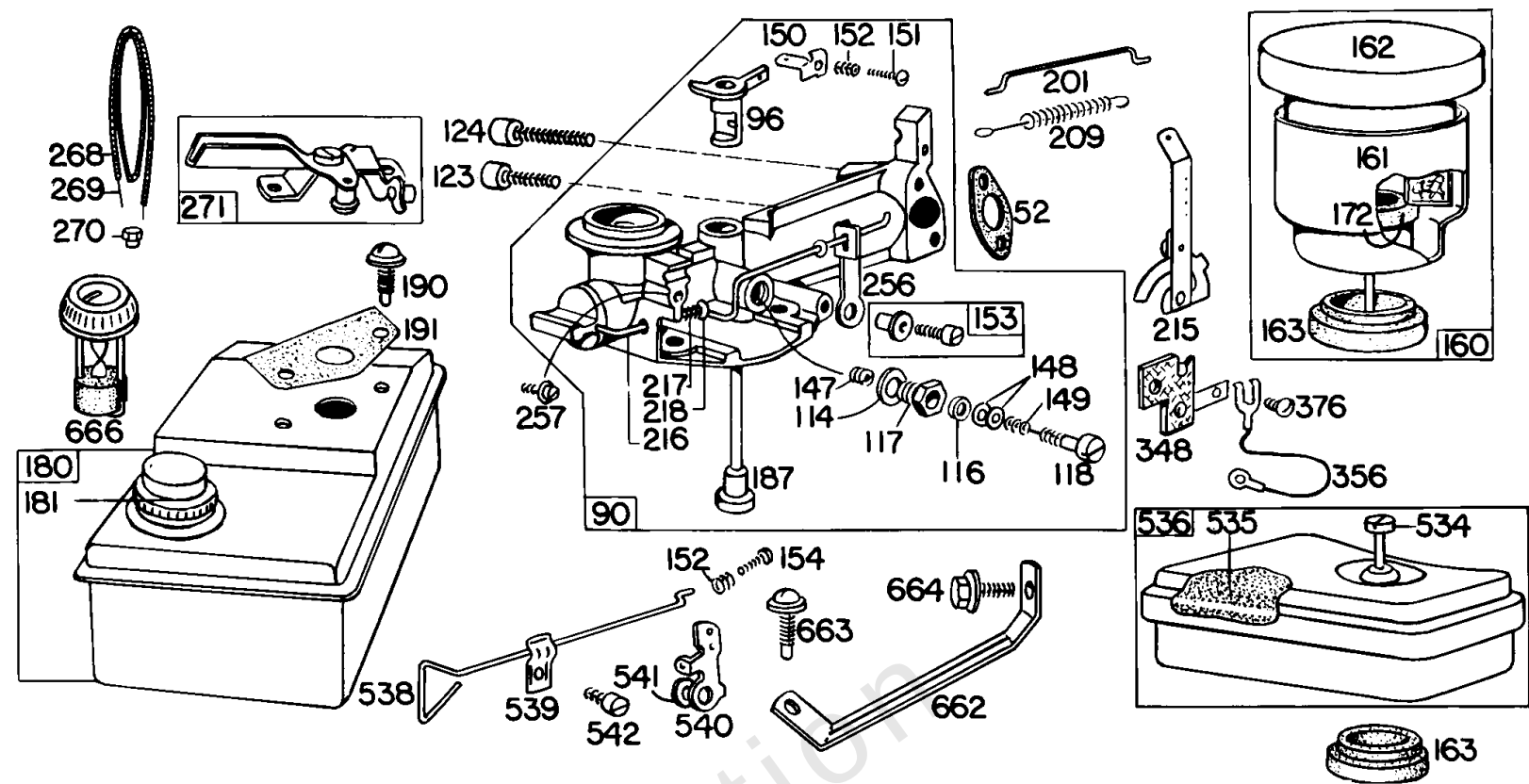


Carburetor Assy

REF NO	PART NO	QTY	DESCRIPTION
52	27355		GASKET, Intake -(2) Included in Gasket Set-Part No. 297275
90	295276		CARBURETOR -(Manual Choke)
96	210721		LINK, Throttle
114	65787		SEAT, Needle Valve -Included in Needle Valve Kit-Part No. 299060
116	65978		SEAL, O-Ring -(Needle Valve) Included in Needle Valve Kit-Part No. 299060
117	23431		NUT, Needle Valve -Included in Needle Valve Kit-Part No. 299060
118	23433		VALVE, Float Needle -Included in Needle Valve Kit-Part No. 299060
123	93353		SCREW -(Carburetor)
124	93360		SCREW -(Carburetor)
147	23432		SEAT, Needle Valve -Included in Needle Valve Kit-Part No. 299060
148	22235		WASHER -Included in Needle Valve Kit-Part No. 299060
149	26336		SPRING, Needle Valve -Included in Needle Valve Kit-Part No. 299060
150	220105		LINK, Mechanical Governor
151	92634		SCREW -(5-40 X 5/8)
152	260575		SPRING, Throttle Return
153	298031		SCREW -(Carburetor Lever)
154	93349		SCREW
160	294870		CLEANER, Air -(With Mounting Stud)
161	293991		CLEANER, Air
162	294861		COVER, Air Cleaner -(With Mounting Stud)
163	27660		GASKET, Air Cleaner -Included in Gasket Set-Part No. 297275
172	27795		GASKET, Air Cleaner -(Air Cleaner)
180	293630		TANK, Fuel
181	298425		CAP, Fuel Tank -(Metal)
187	296476		TUBE, Pick Up -(Used To Replace Plastic Pipes) Uses: 293700 Pipe-Fuel (2-17/32) To replace brass pipes.
187	296842		LINE, Fuel -Uses: 295121 Pipe-Fuel To replace (2-9/32) brass pipes Used to replace 2-11/32 long plastic pipes.
190	93259		SCREW -(Fuel Tank)
191	27404		GASKET, Fuel Tank -Included in Gasket Set-Part No. 298588
201	260024		LINK, Choke
209	260025		SPRING, Governor -(Manual Choke)
215	220107		LEVER, Speed Adjuster

Footnotes:

Cables used on and after this serial number are molded into the coil

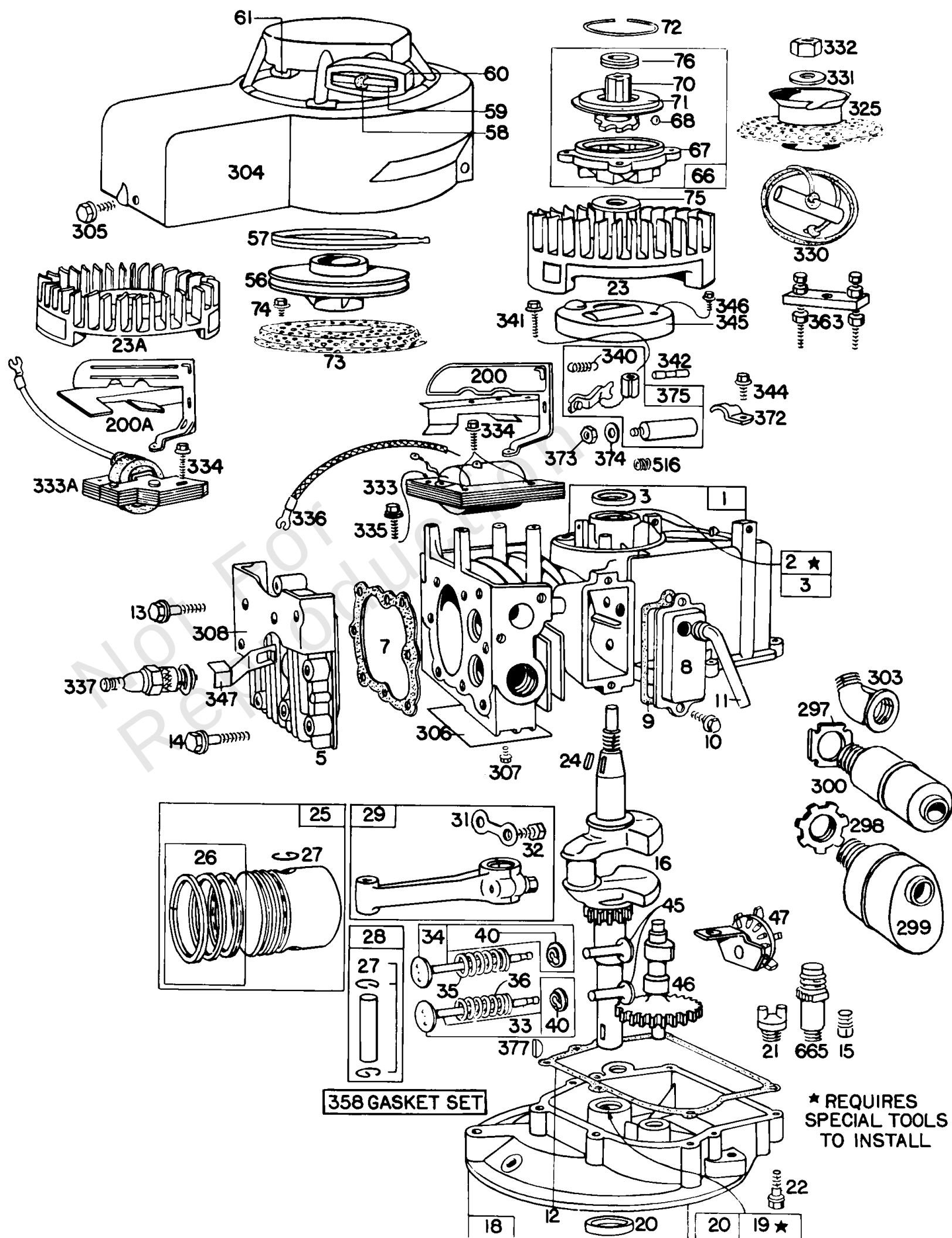


Carburetor Assy

REF NO	PART NO	QTY	DESCRIPTION
215	293424		LEVER, Governor Control
216	260188		LINK, Choke
217	260189		SPRING, Friction
218	220968		WASHER -(Choke Link)
256	220952		LEVER, Speed Adjuster
257	93263		SCREW -(10-32 X 3/8)
268	66986		CASING, Control Wire -(Cut To Required Length)
269	26099		WIRE, Control -(Cut To Required Length) If longer wire is needed, specify length in inches; if shorter wire is needed, order No. 26099 and cut to required length.
270	63426		NUT -(Control Wire Casing)
271	290568		LEVER, Control
348	296110		SWITCH, Stop
356	296185		WIRE, Stop
376	93167		SCREW
534	93322		SCREW -(1 15/16)
535	27987		FILTER, Air Cleaner Foam
536	296766		CLEANER, Air
538	260560		ROD, Governor Control
538	260683		ROD, Control -(Square Rod)
539	221372		CLIP, Control Rod
540	221380		LEVER, Control
541	22398		WASHER
542	91494		SCREW -(10-32 X 3/8)
662	221611		BRACKET, Support
663	93395		SCREW
664	93415		SCREW -(1/4-20 X 3/4)
666	297073		GAUGE, Fuel

Footnotes:

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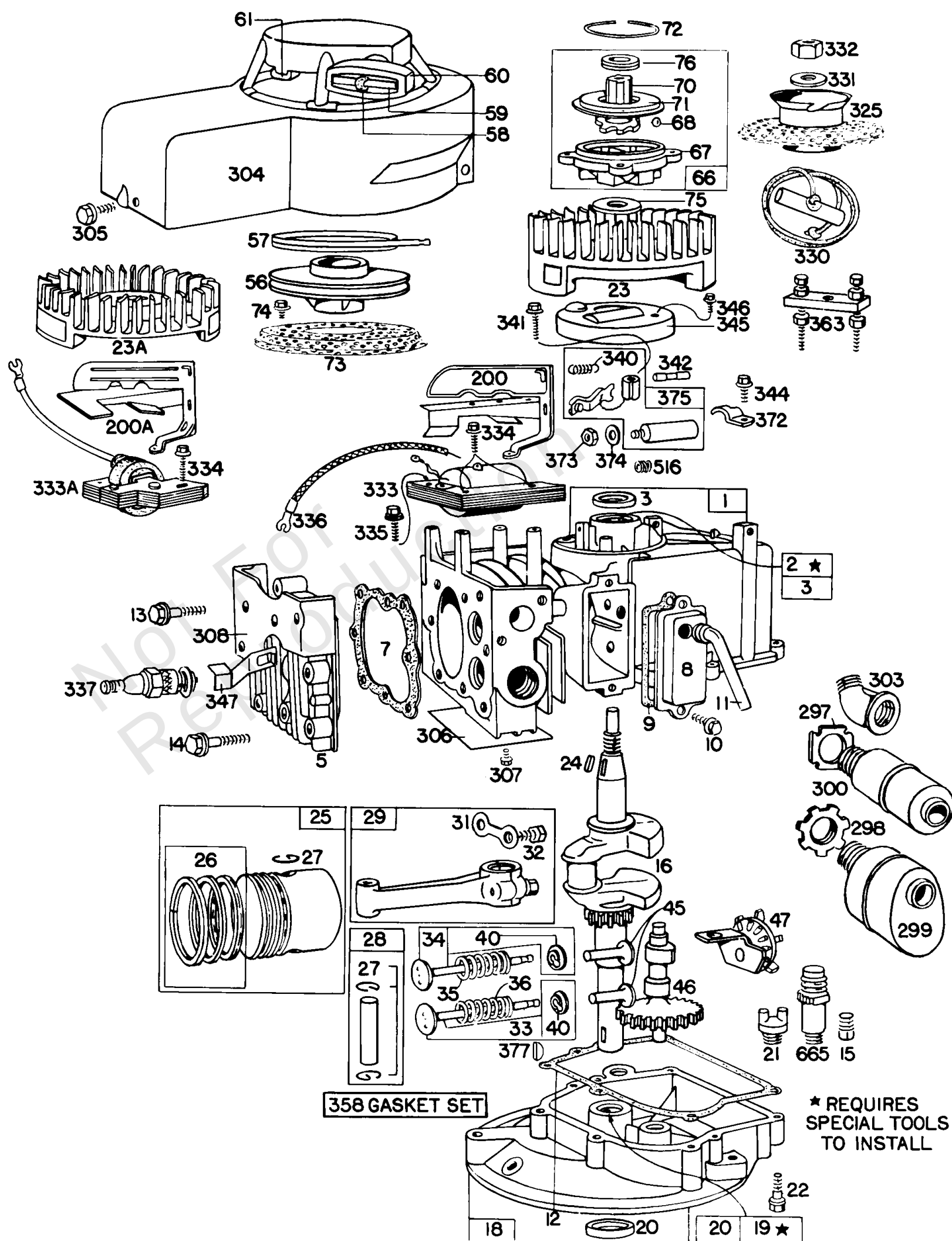


Cylinder, Gears, Mufflers

REF NO	PART NO	QTY	DESCRIPTION
1	294200		CYLINDER ASSEMBLY -Used Before Code Date 5807140
1	295450		CYLINDER ASSEMBLY -Used After Code Date 5807110
2	293708		KIT, Bushing/Seal -(Plain Bearing)
3	89660		SEAL, Oil
5	210812		HEAD, Cylinder
7	27670		GASKET, Cylinder Head -Included in Gasket Set-Part No. 297275
8	292833		BREATHER ASSEMBLY
9	27549		GASKET, Rocker Cover -Included in Gasket Set-Part No. 297275
10	93394		SCREW
11	294032		TUBE, Breather -(with Spacer)
11	66638		TUBE, Breather
12	27586		GASKET, Crankcase -(.015) Included in Gasket Set-Part No. 297275
12	27617		GASKET, Crankcase -(.005) Included in Gasket Set-Part No. 297275
12	27618		GASKET, Crankcase -(.009) Included in Gasket Set-Part No. 297275
13	93111		SCREW -(15/16)
14	93113		SCREW -(2 5/16) (2-5/16)
15	91084		PLUG, Oil Drain -(3/8)
16	260124		CRANKSHAFT
18	293512		SUMP, Engine
19	293709		KIT, Bushing/Seal -(PTO Side)
20	291841		SEAL, Oil
20	294167		SEAL, Oil -(Crankshaft- PTO Side)
21	66768		PLUG, Oil
22	93032		SCREW -(Fuel Tank) (Tank)
23A	297949		FLYWHEEL
23	293205		FLYWHEEL
24	61760		KEY, Flywheel -(Breaker Ignition)
25	295587		PISTON ASSEMBLY -(Standard)
25	295588		PISTON ASSEMBLY -(2-3/8 Bore)
25	295589		PISTON ASSEMBLY -(2-3/8 Bore)
25	295590		PISTON ASSEMBLY -(2-3/8 Bore)
26	294224		SET, Ring -(.010 Oversize)
26	294225		SET, Ring -(.020 Oversize)

Footnotes:

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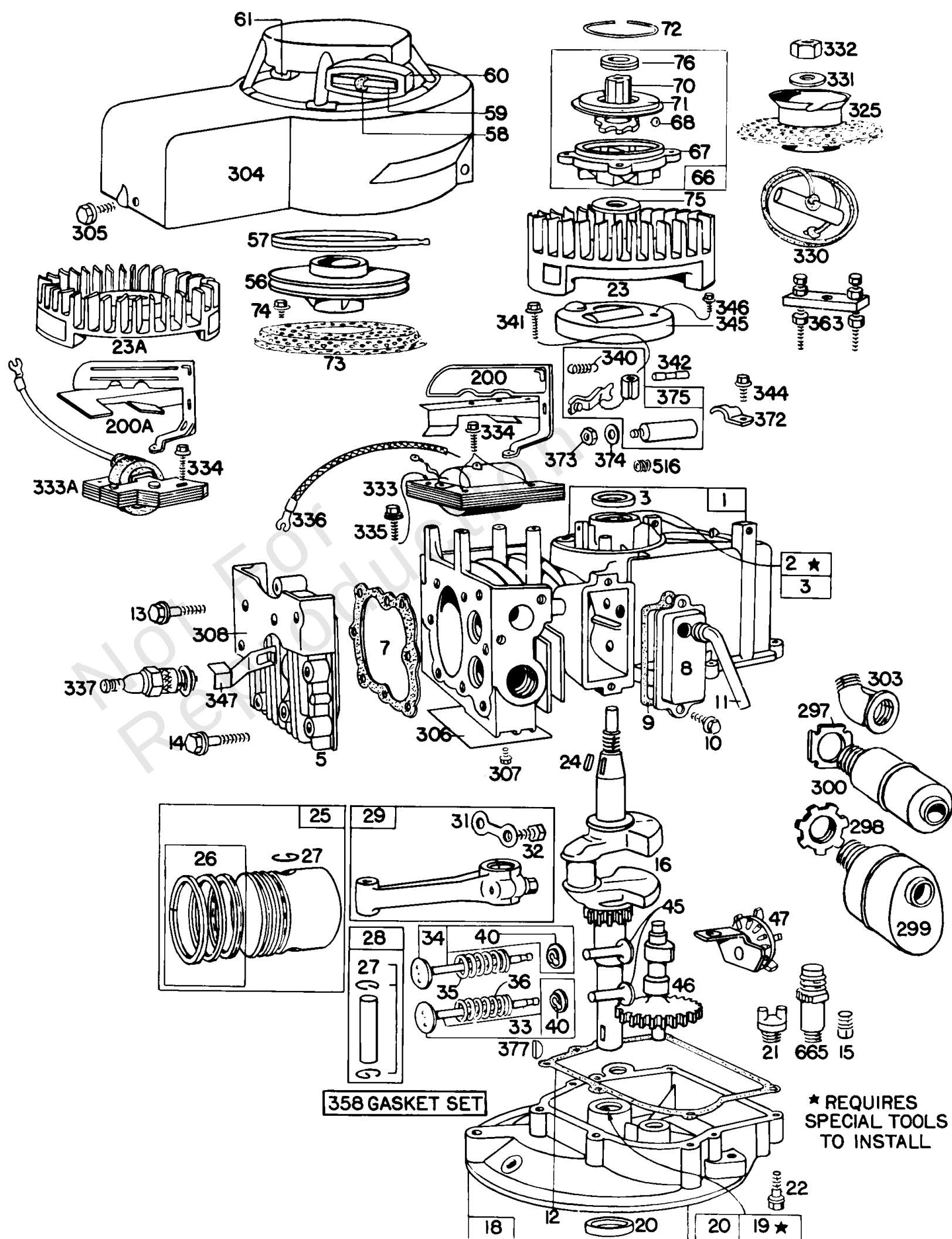


Cylinder, Gears, Mufflers

REF NO	PART NO	QTY	DESCRIPTION
26	294226		SET, Ring -(.030 Oversize)
26	294232		SET, Ring -(Standard)
27	26026		LOCK, Piston Pin
28	291925		PIN, Piston -(Standard)
28	291926		PIN, Piston -(.005 Oversize)
29	294201		ROD, Connecting -(Standard)
31	220756		LOCK, Rod Screw
32	92296		SCREW -(Connecting Rod)
33	296676		VALVE, Exhaust -(Grooved Stem-Includes Retainer)
34	23386		VALVE, Intake -(With Hole In Stem) -Used Before Code Date 5807140
35	260552		SPRING, Valve -(Exhaust)
36	26478		SPRING, Valve -(Exhaust)
40	23184		RETAINER, Valve
40	23187		PIN, Locating -(Use with valves with hole in stem except with rotocap)
40	93312		RETAINER, Valve -(Valves With Groove In Stem)
45	230173		TAPPET, Valve
46	210453		CAMSHAFT
47	294652		SLINGER, Governor/Oil
56	294088		PULLEY, Starter
57	294303		SPRING, Rewind Starter
58	66384		ROPE, Starter -(47-1/8) If longer rope is needed, order No. 66514 and cut to required length.
59	230228		PIN, Starter Grip
60	66728		GRIP, Starter Rope
61	66528		BUMPER, Starter Pulley
66	296468		CLUTCH, Starter -(Rewind and Wind-up Starter) -Used Before Code Date 6405250
66	298310		CLUTCH, Starter -(Rewind Starter) -Used After Code Date 6405220
67	210400		HOUSING, Clutch -Used Before Code Date 6405250
67	211383		HOUSING, Clutch -Used After Code Date 6405220
68	63770		BALL, Clutch
70	296597		RATCHET, Clutch -Used Before Code Date 6405250
70	298436		RATCHET, Clutch -Used After Code Date 6405220
71	220575		WASHER
71	221301		WASHER -Used Before Code Date 6405250

Footnotes:

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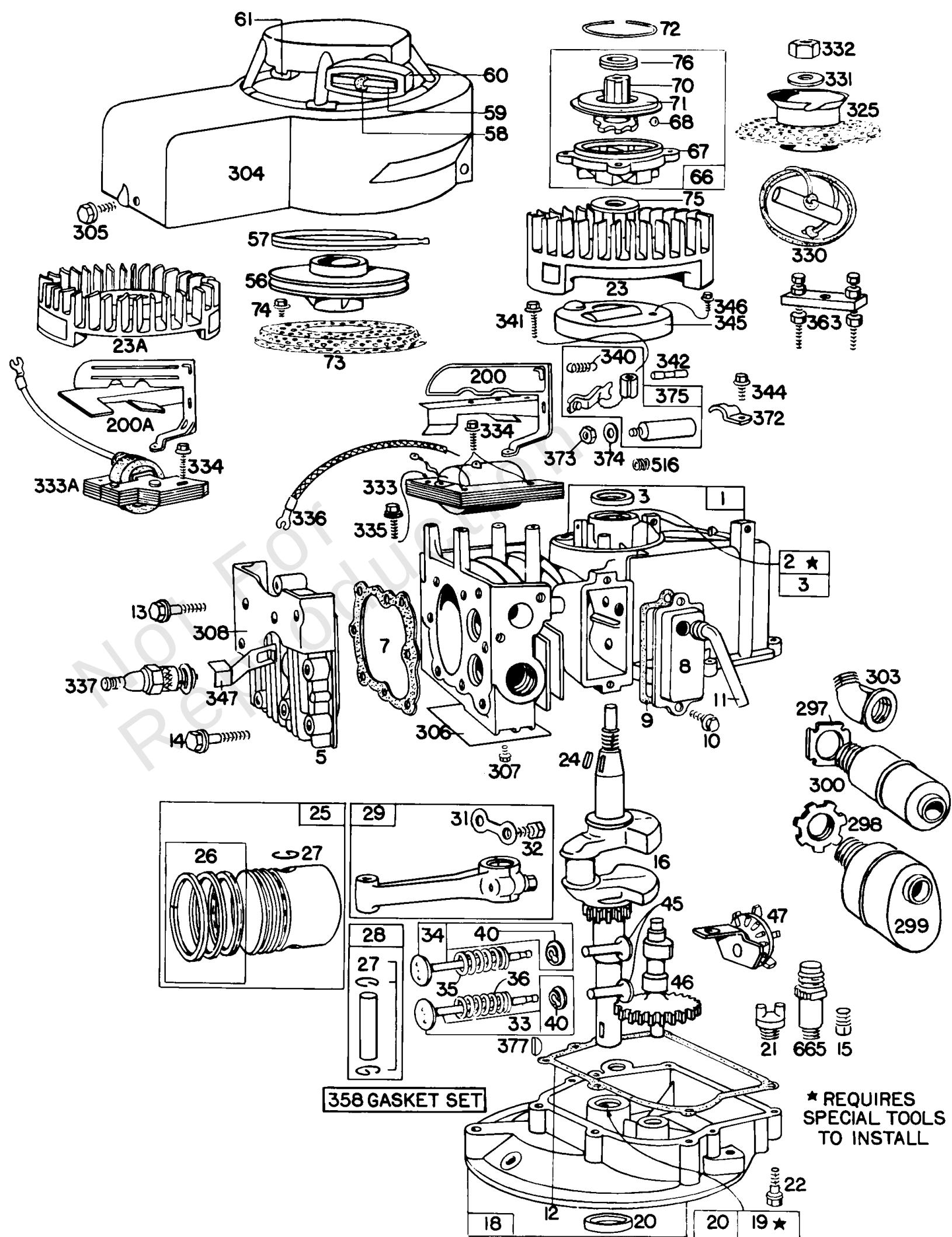


Cylinder, Gears, Mufflers

REF NO	PART NO	QTY	DESCRIPTION
71	221653		WASHER -Used After Code Date 6405220
72	26032		RETAINER -Used Before Code Date 6405250
73	220648		SCREEN, Rotating -Used Before Code Date 6405250
73	221661		SCREEN, Rotating -(Rewind Starter) -Used After Code Date 6405220
74	93042		SCREW
76	66738		WASHER, Sealing -(Used only with 7 point shank ratchet)
76	68238		SEAL, Ratchet -Used After Code Date 6405220
200A	297309		BLADE, Governor -Used After Code Date 6212310
200	294617		BLADE, Governor -Used Before Code Date 6212310
297	91811		LOCKNUT -(Elbow)
298	220859		LOCKNUT -(Muffler and Elbow)
299	294441		MUFFLER -(Lo Tone)
300	89966		MUFFLER
303	91810		ELBOW, Exhaust -(45 Degree Street)
304	294260		HOUSING, Blower -(Rewind Starter)
305	93158		SCREW -(1/4-20 X 5/8)
306	220478		SHIELD, Cylinder
307	93042		SCREW
308	220581		COVER, Cylinder Head
325	293959		PULLEY, Rope Starter -(1/2 Hole In Pulley)
330	29878		ROPE, Starter
331	62577		WASHER -(1/2 Hole)
332	91708		NUT -(1/2-20 L.H. Thread)
333A	298502		ARMATURE, Magneto -(Points And Condenser) -Used After Code Date 6212310
333	291617		ARMATURE, Magneto -Used Before Code Date 6212310
334	93381		SCREW
335	93381		SCREW
336	292149		CABLE, Ignition -Used Before Code Date 6212310
337	29693		PLUG, Spark
340	26018		SPRING, Breaker Arm
341	93381		SCREW
342	65704		PLUNGER, Breaker
344	93042		SCREW

Footnotes:

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Cylinder, Gears, Mufflers

REF NO	PART NO	QTY	DESCRIPTION
345	220366		COVER, Breaker
346	93014		SCREW
347	220884		SWITCH, Stop
358	297275		GASKET SET, Engine -(Used with Rotary Choke Carburetors)
363	19069		PULLER, Flywheel
372	220477		CLAMP
373	92987		STARTER, Rewind
374	92813		WASHER
375	294628		BREAKER, Ignition
375	299061		BREAKER, Ignition -Includes: 294628 Point Set 65704 Plunger 61760 Key-Flywheel
377	93065		KEY, Woodruff -(#6)
516	260374		SPRING, Condensor -Included in 294628 Breaker Points and Condenser Set (Ref. No. 375)
665	296768		MINDER, Oil

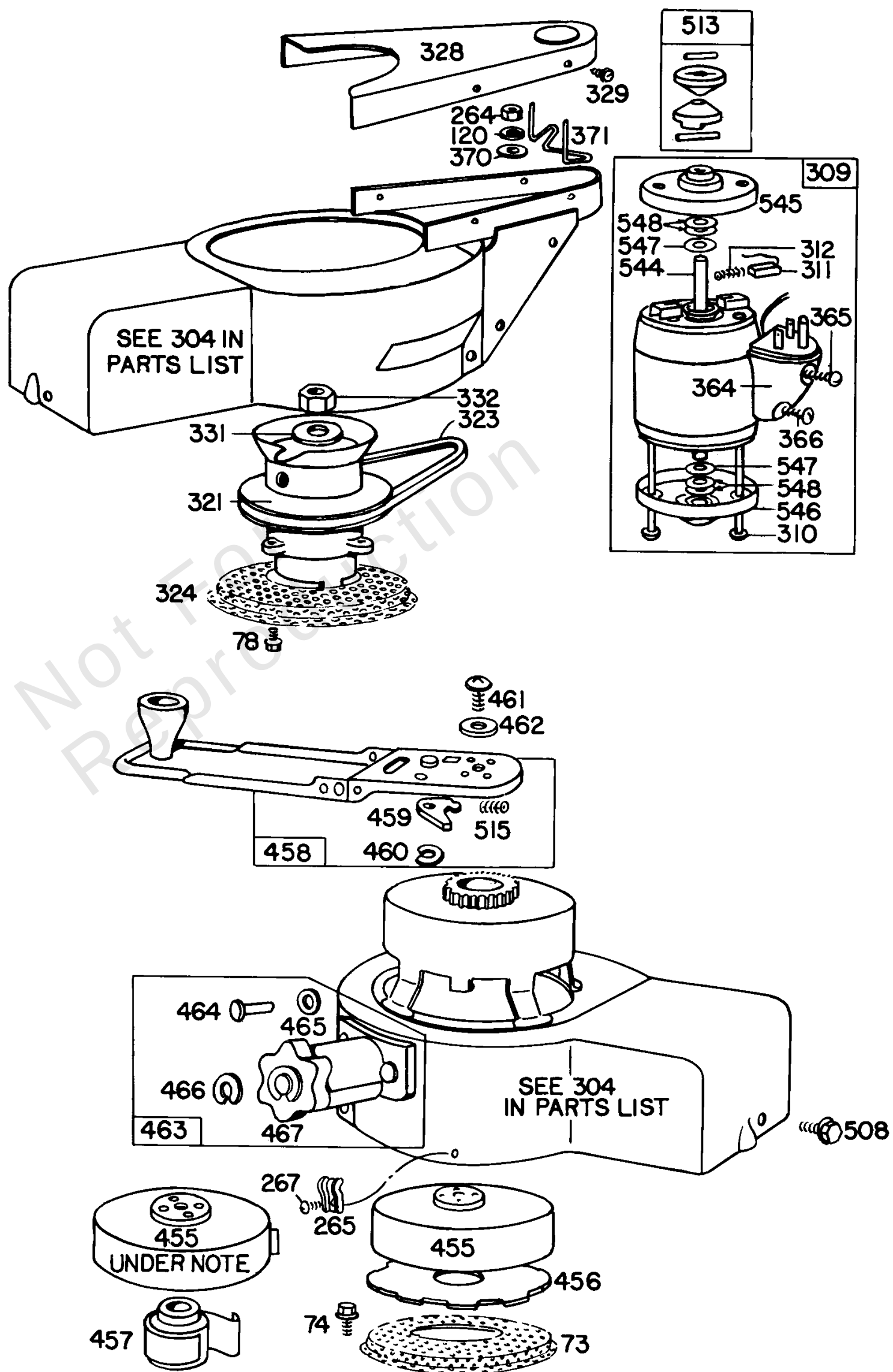
Footnotes:

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Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	10T8020016	1	Replacement Engine
	-----		Service Note: Replacement engine listed is not available in the State of California. Repair with individual parts.

Not For Reproduction

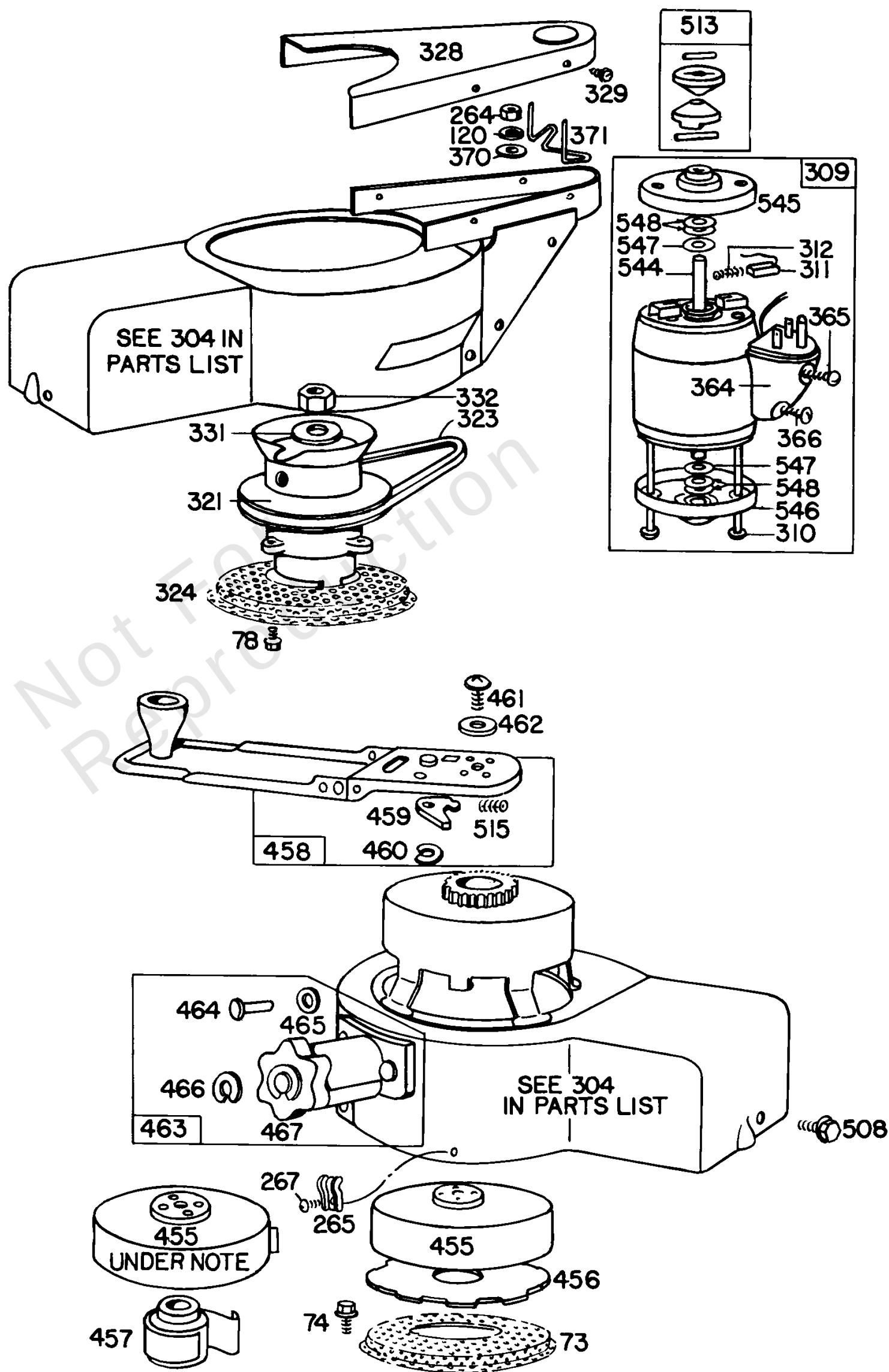


Starter

REF NO	PART NO	QTY	DESCRIPTION
73	220648		SCREEN, Rotating -Used Before Code Date 6405250
73	221661		SCREEN, Rotating -(Rewind Starter) -Used After Code Date 6405220
74	93042		SCREW
78	93014		SCREW
120	92290		WASHER
264	90355		NUT, Hex
265	221407		CLAMP, Casing
267	93351		SCREW -(Clamp Mounting)
304	294260		HOUSING, Blower -(Rewind Starter)
309	295188		MOTOR, Starter
310	93239		BOLT -(Starter Motor)
311	295697		SET, Brush
312	260404		SPRING, Brush
321	210711		PULLEY, Starter -(Fits Crankshafts With 1/2-20 Thread) When ordering this pulley, order No. 67238 Vee Belt also.
323	67028		BELT, Vee -Used Before Code Date 5903020
323	67238		BELT, Vee
324	220648		SCREEN, Rotating
328	221039		GUARD, Belt
329	93014		SCREW
331	62577		WASHER -(1/2 Hole)
332	91708		NUT -(1/2-20 L.H. Thread)
364	295698		PLUG
365	93241		SCREW -(long) ()
366	93240		SCREW -(short)
371	260275		GUARD, Belt
455	296327		CUP, Flywheel -Used on earlier model engines
455	296455		CUP, Flywheel -(With Pinned Spring)
456	221222		PLATE, Retainer
457	296264		SPRING, Rewind Starter -Used on earlier model engines
458	296251		HANDLE, Cranking
459	221220		PAWL, Ratchet -(Double Acting) Used on earlier model engines
459	221332		PAWL, Ratchet
460	93272		RETAINER, E Ring
461	93298		SCREW
462	221237		WASHER
463	296445		HOUSING, Flywheel

Footnotes:

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Starter

REF NO	PART NO	QTY	DESCRIPTION
464	93291		RIVET -(2)
465	221226		WASHER
466	93272		RETAINER, E Ring
467	211017		KNOB, Air Cleaner Cover
508	93294		SCREW -(5/8)
513	296567		CLUTCH, Starter
515	260537		SPRING, Ratchet
544	296769		ARMATURE, Starter
545	296770		CAP, Drive
546	296775		CAP, End
547	270025		WASHER -(Fiber)
548	221381		WASHER, Thrust -(Steel)

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