

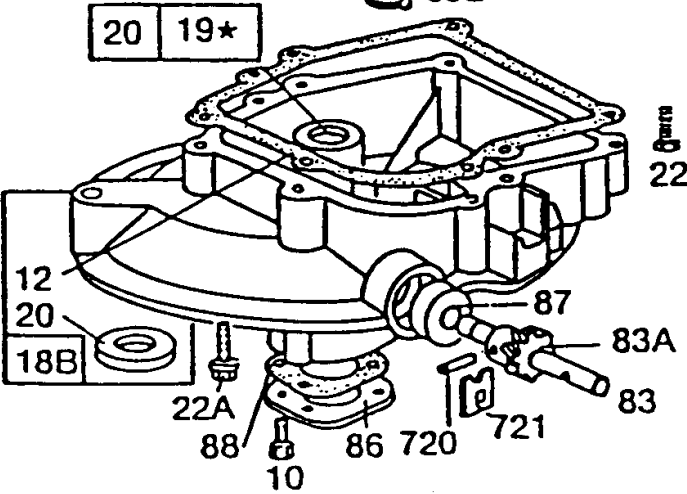
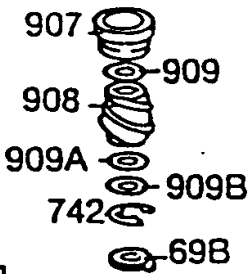
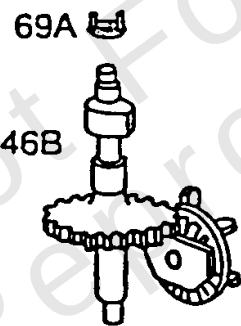
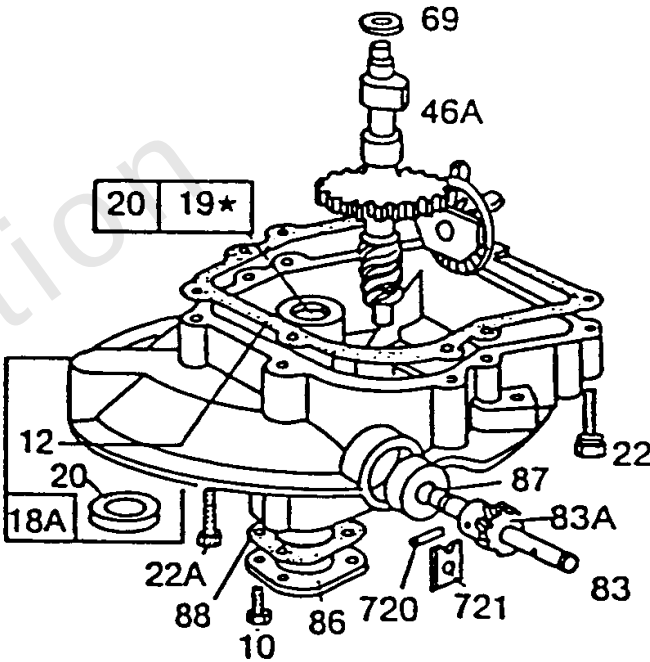
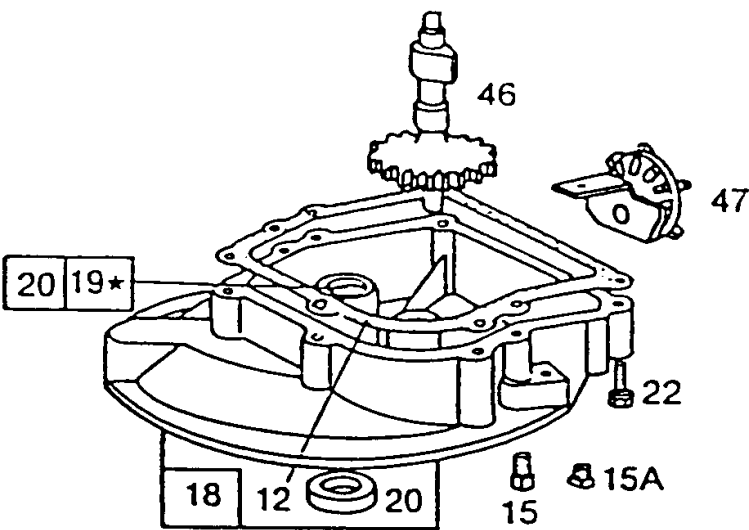


Parts Manual

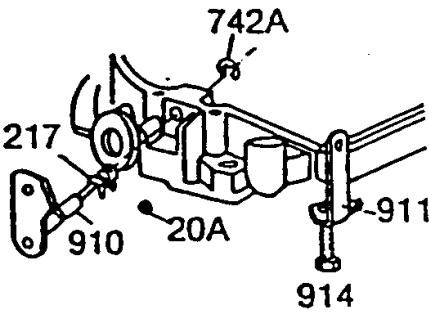
Mfg. No: 110982-3227-01

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Not For
Reproduction



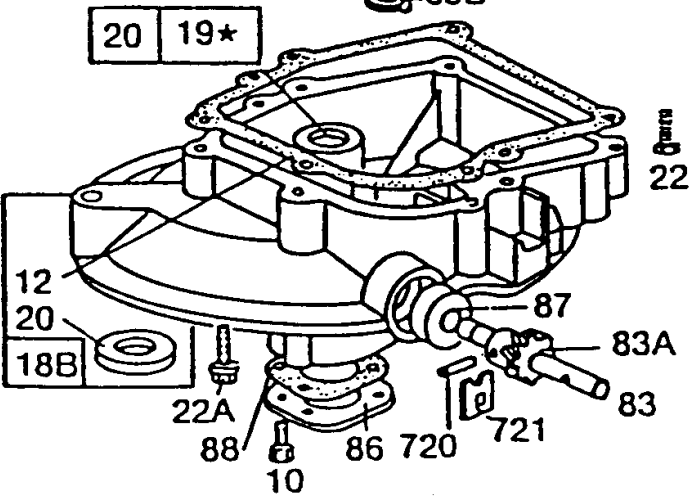
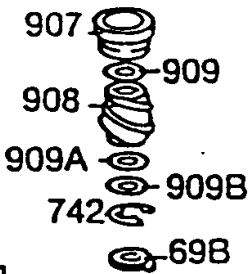
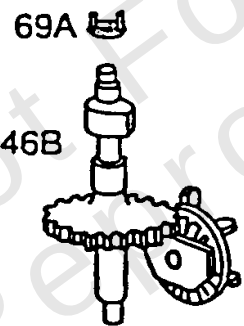
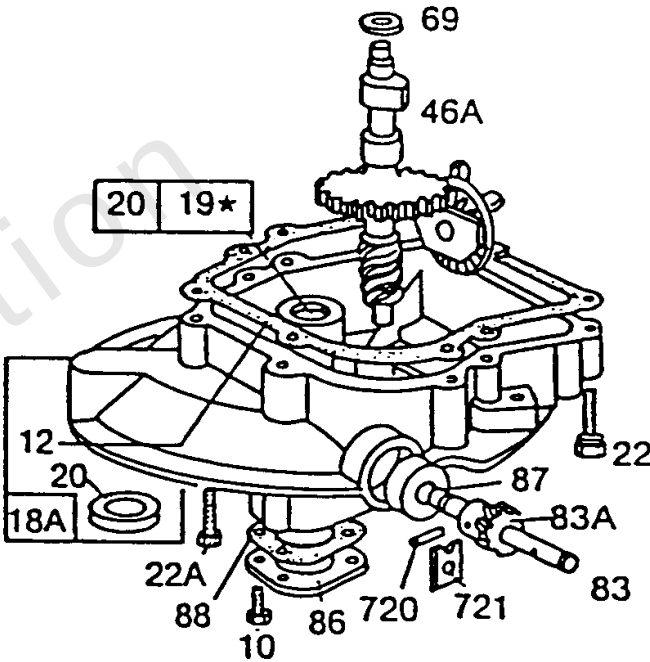
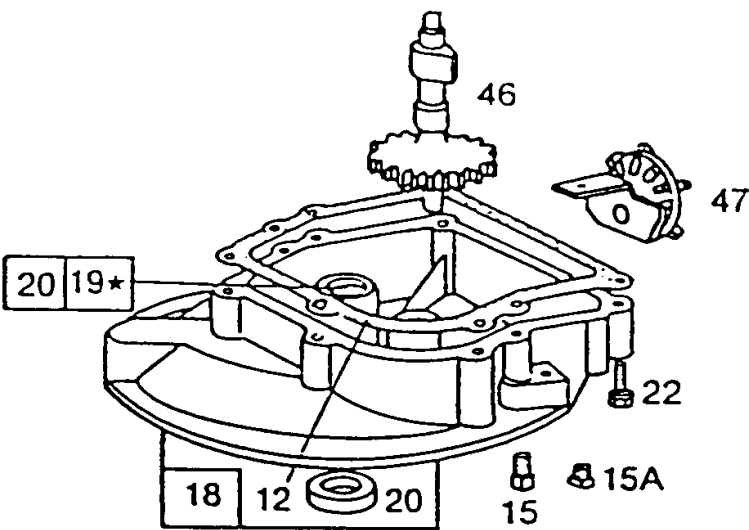
998 POWER TRAC KIT



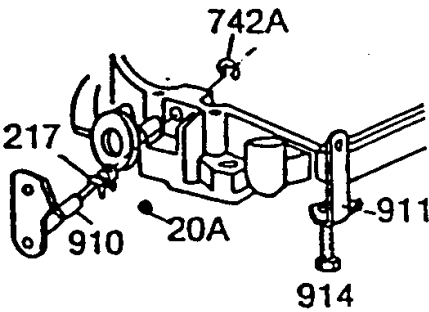
*SPECIAL TOOLS REQUIRED TO INSTALL.
SEE REPAIR INSTRUCTION MANUAL.

(3)Sump Bases,Right Angle Dr

REF NO	PART NO	QTY	DESCRIPTION
10	93394		SCREW
12	270833		GASKET, Crankcase -(.015) Included in Gasket Set-Part No. 391662
12	270895		GASKET, Crankcase -(.005) Included in Gasket Set-Part No. 391662
12	270896		GASKET, Crankcase -(.009) Included in Gasket Set-Part No. 391662
15A	93418		PLUG, Oil Drain -(Flush) To Replace Crankshaft Gear Pin, Order Part No. 230978 When Required.
15	91084		PLUG, Oil Drain -(3/8)
18B	395392		SUMP, Engine -(Clutch)
18	395384		SUMP, Engine
19	293709		KIT, Bushing/Seal -(PTO Side)
20A	280266		SEAL, Oil
20	391483		SEAL, Oil -(PTO Side)
22	93032		SCREW -(Fuel Tank) (Tank)
46A	395906		CAMSHAFT -(Counterclockwise)
46B	396036		CAMSHAFT -(Clutch)
46	395856		CAMSHAFT
47	294652		SLINGER, Governor/Oil
69A	223011		WASHER
69B	223228		WASHER, Thrust
69	66874		WASHER, Thrust -(11/16 O.D. X 15/32 I.D.)
69	68938		WASHER -Used on Auxiliary Drive P.T.O. Camshaft and is Located Next to the Worm Gear. (13/16 ODx17/32 ID) Use on Aux Drive PTO.Cam
83A	231279		GEAR, Drive -(Counterclockwise)
83	230831		SHAFT, Auxiliary Drive
86	221780		COVER, Drive Gear
87	391484		SEAL, Oil -(1/2 Auxiliary Drive Shaft)
88	270328		GASKET, Drive Gear Cover
217	261520		SPRING, Return -(Clutch Lever)
720	93474		PIN, Shaft
721	221779		STOP, Shaft
742A	93925		RETAINER -(Clutch Lever)
742	93525		RETAINER, E Ring
906	261650		SPRING, Torsion
907	394871		SLEEVE, Clutch
908	231220		GEAR, Worm
909B	271312		WASHER, Thrust
909A	271418		WASHER, Thrust
909	271417		WASHER, Thrust
910	394051		LEVER, Control -(Clutch)



998 POWER TRAC KIT

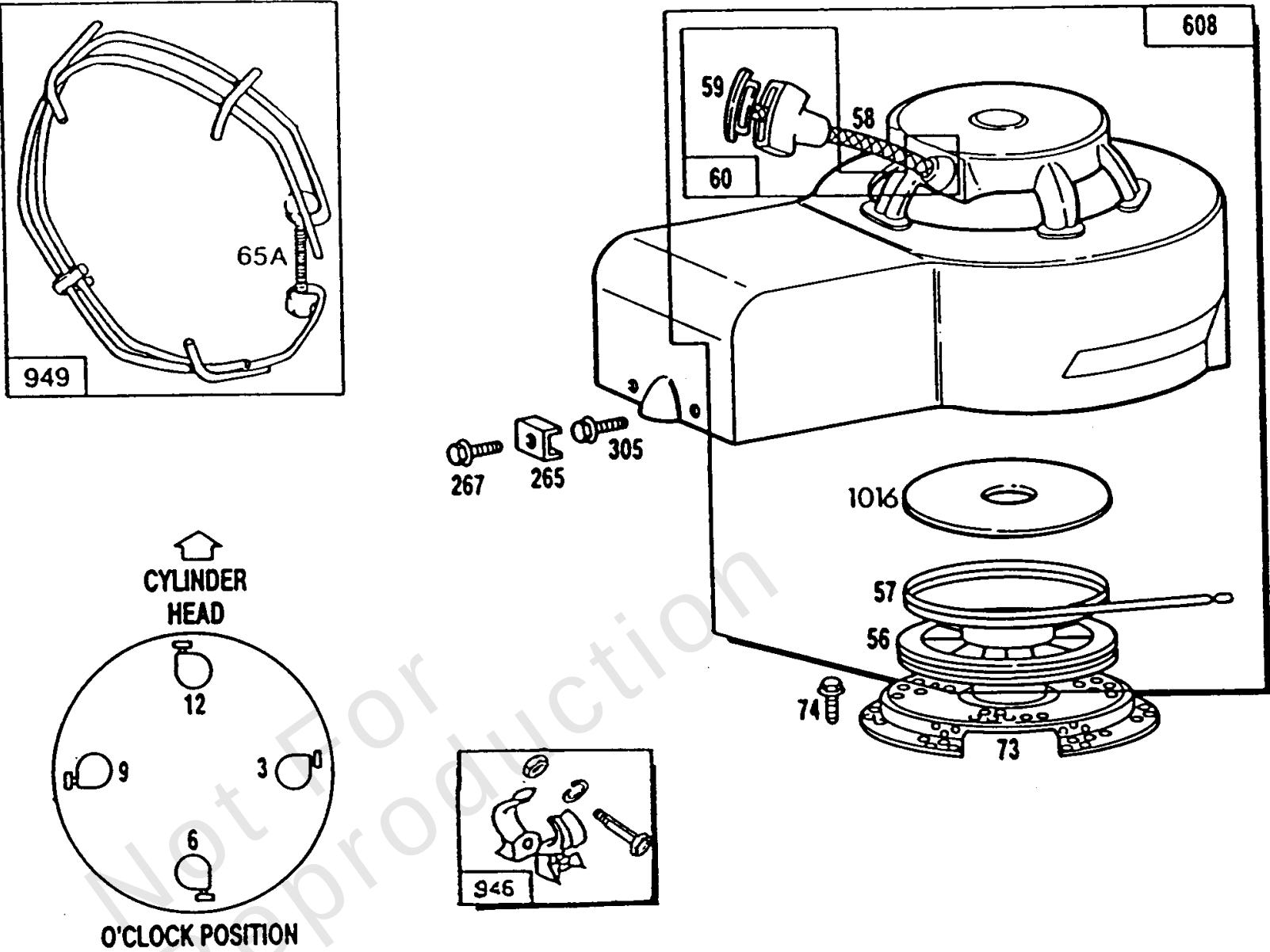


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SEE REPAIR INSTRUCTION MANUAL.

(3)Sump Bases,Right Angle Dr

REF NO	PART NO	QTY	DESCRIPTION
911	223009		BRACKET, Clutch
914	93970		SCREW
998	399634		HARNESS, Power

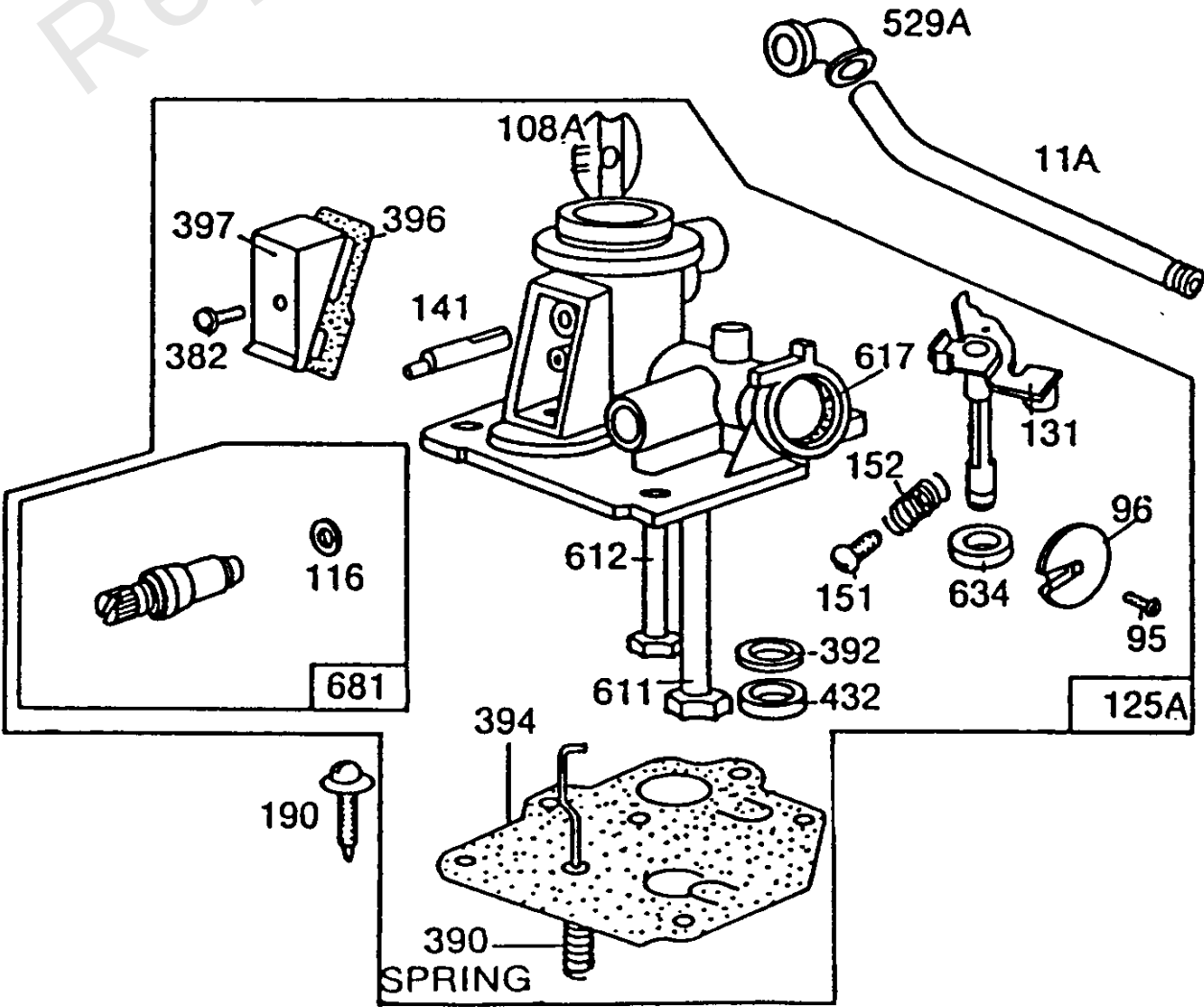
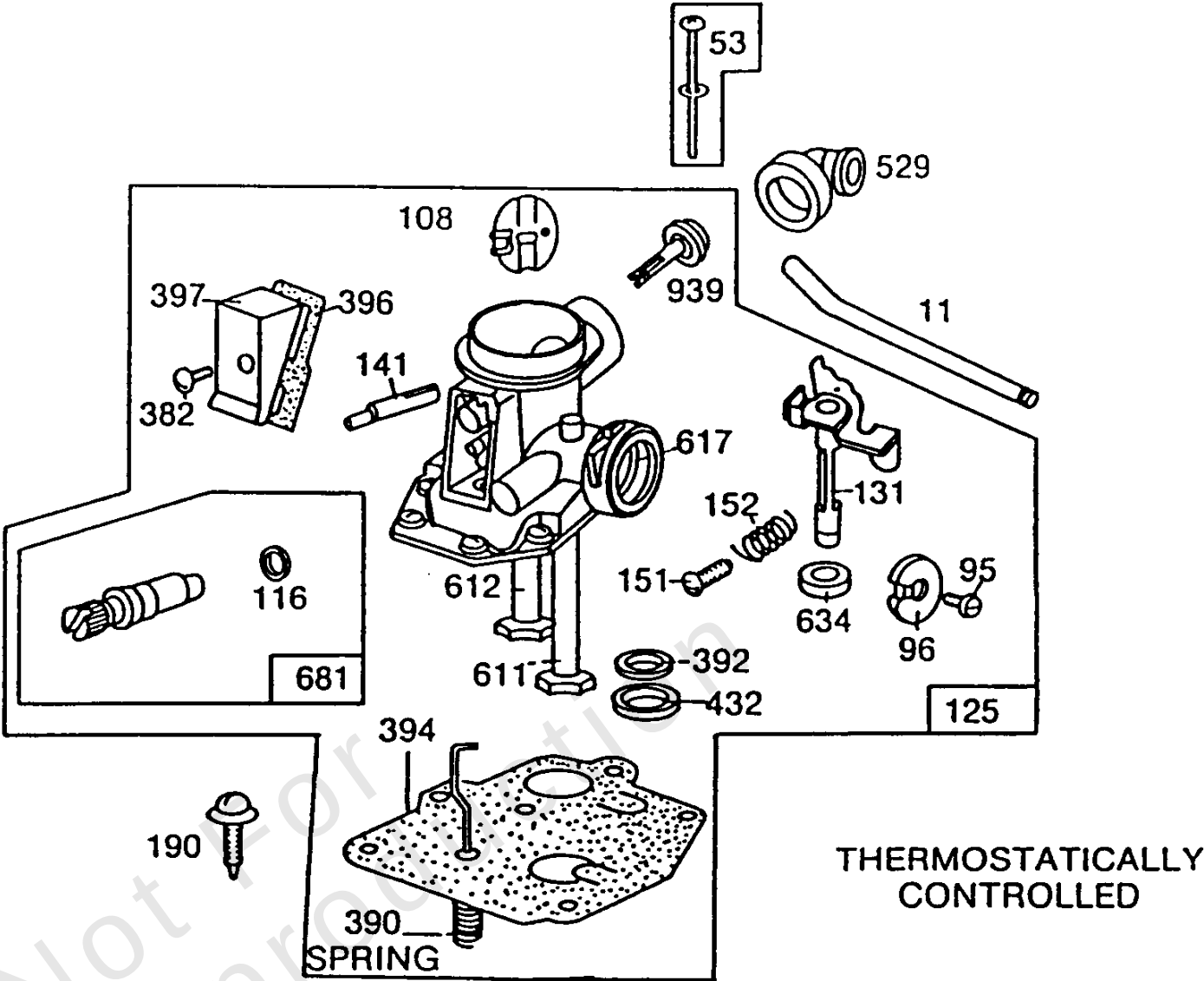
Not For Reproduction



ROPE LENGTH	CLOCK POSITIONS					
	1:30	4	6	8	9	12
48-5/8"					396670	396540
81	396672	396671	396674		396670	396673
88-5/8"			396674	398243	396670	396673

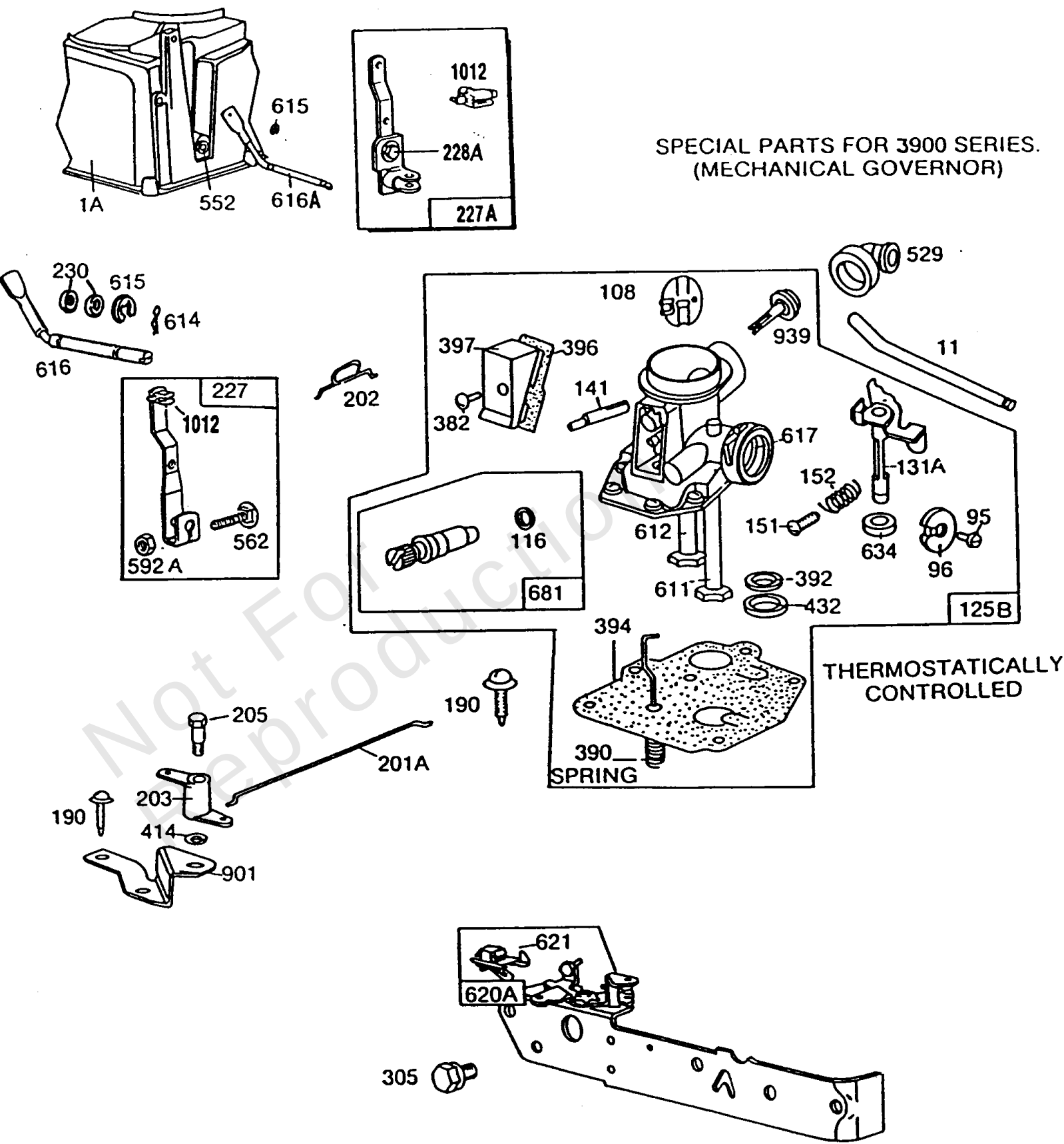
Blower Hsgs,Rewind

REF NO	PART NO	QTY	DESCRIPTION
56	280117		PULLEY, Rope Starter
57	490179		SPRING-REWIND STR
58	280406		ROPE, Starter -(Cut To Required Length) If Longer Rope is Needed, Order No. 280399 and Cut to Required Length. Order 66734 for 48-5/8 Long Rope.
59	396892		INSERT-GRIP
60	393152		GRIP-STARTER ROPE
65A	94124		SCREW
73	221661		SCREEN, Rotating -(Rewind Starter)
74	93490		SCREW -Included in Starter Drive Kit-Part No. 395727
265	22372		CLAMP, Casing
267	93469		SCREW
305	94153		SCREW
608	396540		STARTER, Rewind -(12 O'clock) (48-5/8 Rope)
608	396670		STARTER, Rewind -(6 O'clock) (88 Rope)
608	396671		STARTER, Rewind -(4 O'clock)
608	396672		STARTER, Rewind -(1:30 O'clock)
608	396673		STARTER, Rewind -(12 O'clock) (82 Rope)
608	396674		STARTER, Rewind -(6 O'clock) (88 Rope)
608	398243		STARTER, Rewind -(8 O'clock)
946	396526		GUIDE, Rope
946	90832		SCREW -(Blower Housing)
946	92278		NUT -(Starting Switch)
946	92636		SCREW -(1/4-20 X 2)
949	396579		GUARD, Debris Screen -(Includes Mounting Hardware)
1016	490817		SPACER-REWIND -(Rewind)



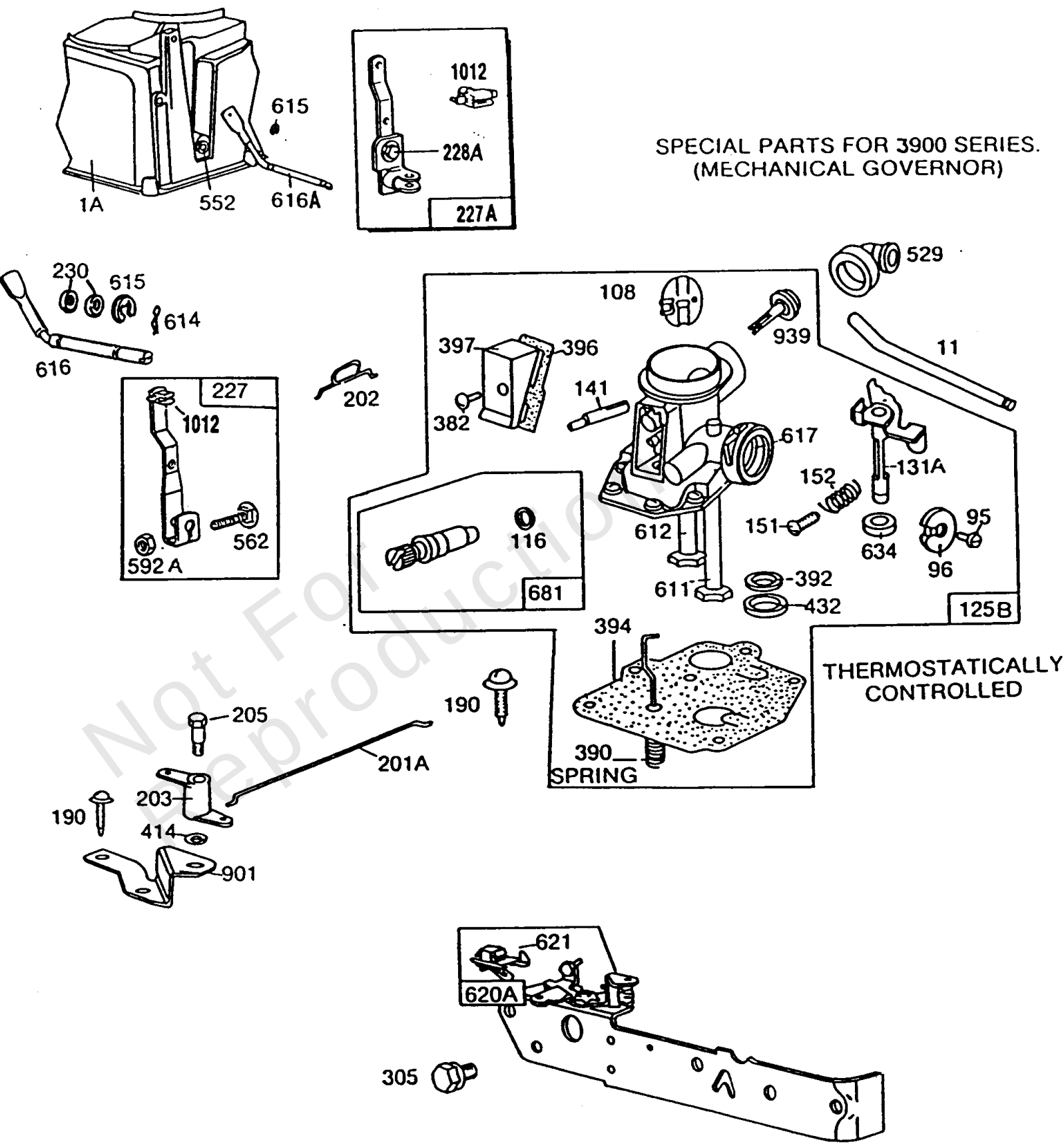
Carburetor Assemblies

REF NO	PART NO	QTY	DESCRIPTION
11A	231043		TUBE, Breather
11	231292		TUBE, Breather
53	391982		SCREW -(Tank)
95	93499		SCREW -(Throttle Valve)
96	211237		VALVE, Throttle
108A	280178		VALVE, Choke
108	280370		VALVE, Choke
108	280429		VALVE, Choke -Used After Code Date 83110604
116	280203		SEAL, O-Ring -(Fuel Shut Off)
125A	395957		CARBURETOR
125	395957		CARBURETOR
125	397178		CARBURETOR -Used After Code Date 83110604
131	299977		SHAFT, Throttle
141	68908		SHAFT, Choke
151	93524		SCREW -(5-40 X 1/2)
152	260746		SPRING, Throttle Return
190	93440		SCREW
382	93545		SCREW
390	261249		SPRING, Diaphragm
392	260455		SPRING, Pump Diaphragm
394	391681		DIAPHRAGM, Carburetor
396	270571		GASKET, Choke Cover
397	211678		COVER, Choke Link
432	221377		CAP, Spring
529A	67838		GROMMET
529	280368		GROMMET -(Breather)
611	297219		TUBE, Pick Up -(2 5/8)
612	296811		TUBE, Pick Up
617	270344		SEAL, O-Ring -(Intake Manifold)
634	270167		SEAL, Choke/Throttle Shaft -(Felt)
681	395508		VALVE, High Speed -(Nylon Body)
939	395665		SHAFT, Auto Choke -(Includes Spring)



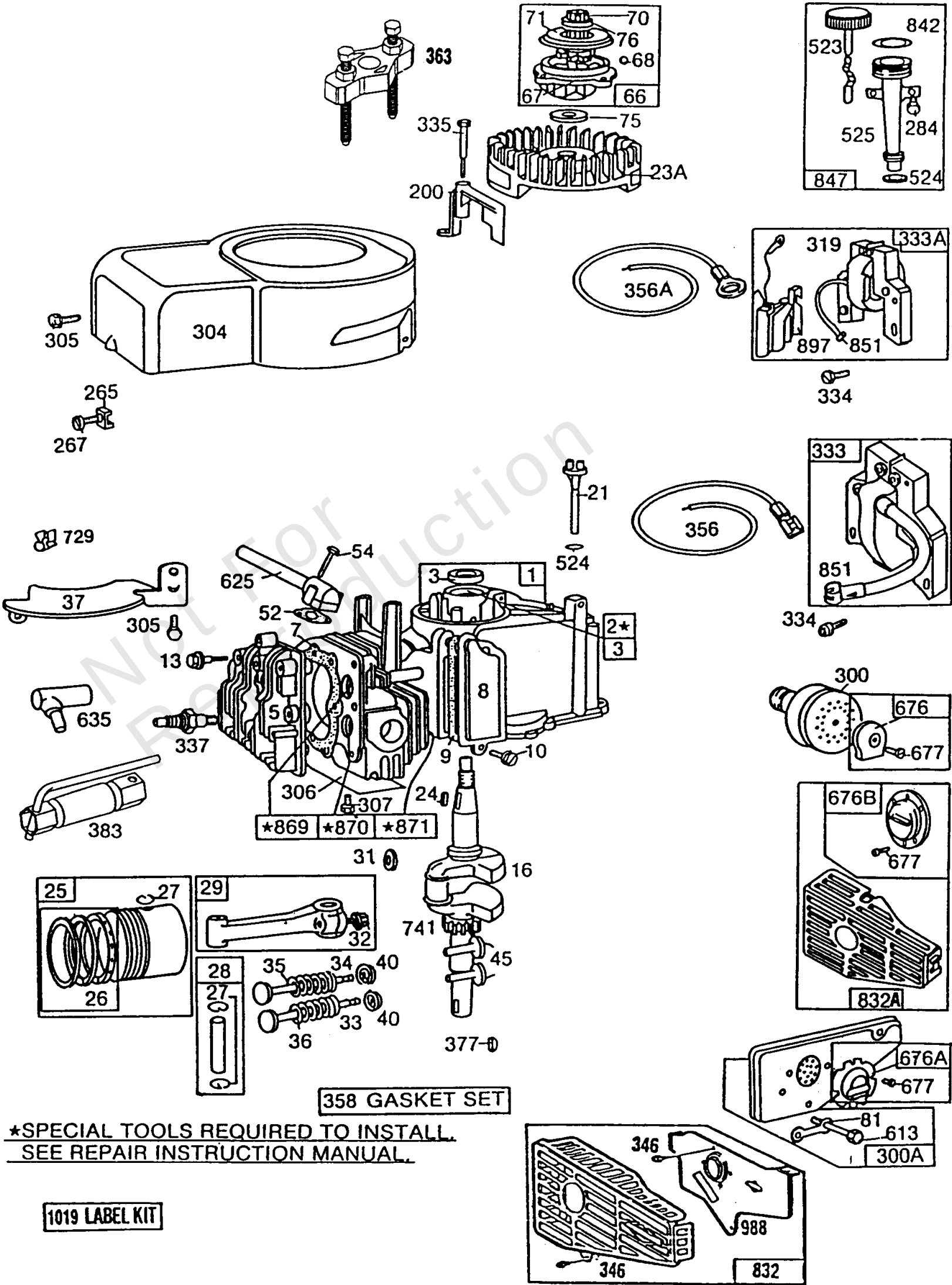
Carburetor Assy, Controls

REF NO	PART NO	QTY	DESCRIPTION
1A	396329		CYLINDER ASSEMBLY -Used Before Code Date 85080100
1A	399167		CYLINDER ASSEMBLY -(Mechanical Governor) -Used After Code Date 85073100
11	231292		TUBE, Breather
95	93499		SCREW -(Throttle Valve)
96	211237		VALVE, Throttle
108	280370		VALVE, Choke
108	280429		VALVE, Choke -Used After Code Date 83110604
116	280203		SEAL, O-Ring -(Fuel Shut Off)
125B	397180		CARBURETOR -Used After Code Date 83110604
125B	396336		CARBURETOR -(Mechanical Governor)
131A	394035		SHAFT, Throttle -(Mechanical Governor)
141	68908		SHAFT, Choke
151	93524		SCREW -(5-40 X 1/2)
152	260746		SPRING, Throttle Return
190	93440		SCREW
201A	261918		LINK, Air Vane
202	261897		LINK, Air Vane -(Mechanical Governor)
203	280272		CRANK, Bell -(Mechanical Governor)
205	231520		SCREW -(8-32) -Used After Code Date 86112300
205	93838		SCREW -(6-32) -Used Before Code Date 86112400
227A	396504		LEVER, Governor Control -(Mechanical Governor)
227	491482		LEVER, Governor Control
228A	93758		SCREW -(Rotating Screen)
230	220680		WASHER
305	94153		SCREW
382	93545		SCREW
390	261249		SPRING, Diaphragm
392	260455		SPRING, Pump Diaphragm
394	391681		DIAPHRAGM, Carburetor
396	270571		GASKET, Choke Cover
397	211678		COVER, Choke Link
414	220982		WASHER -Used Before Code Date 86112400
414	223932		WASHER -Used After Code Date 86112300
432	221377		CAP, Spring
529	280368		GROMMET -(Breather)
552	230732		BUSHING, Governor Crank -(3/16 I.D.)



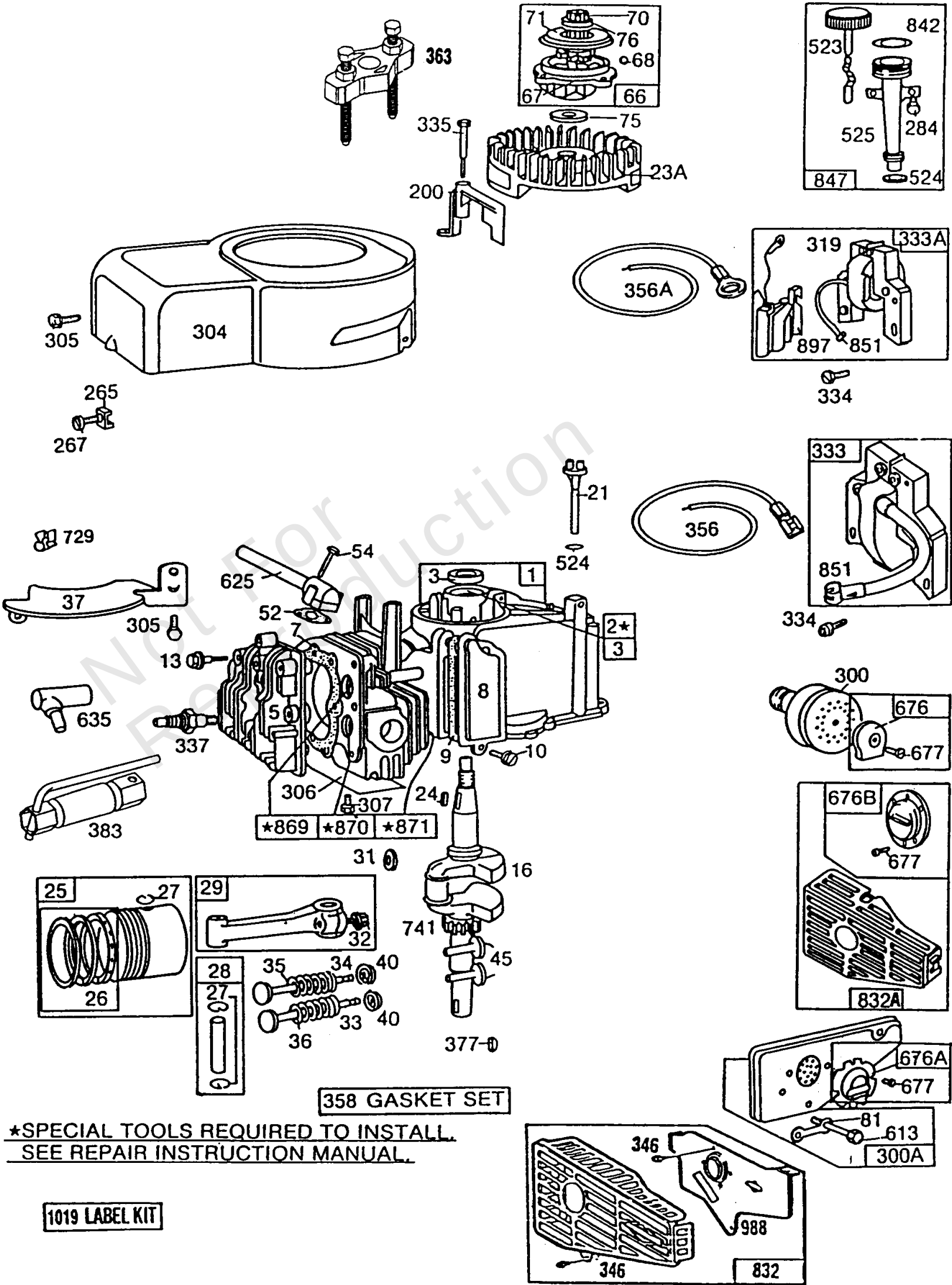
Carburetor Assy,Controls

REF NO	PART NO	QTY	DESCRIPTION
562	92613		BOLT -(Governor Lever)
592A	93991		NUT -(10-24)
611	297219		TUBE, Pick Up -(2 5/8)
612	296811		TUBE, Pick Up
614	93306		PIN, Cotter
615	93307		RETAINER, Governor Shaft
616A	394075		CRANK, Governor -(Mechanical Governor)
616	491405		CRANK, Governor
617	270344		SEAL, O-Ring -(Intake Manifold)
620A	394642		BRACKET, Control -(Remote Control)
621	297472		SWITCH, Stop -Used Before Code Date 85032800
621	396847		SWITCH, Stop -Used After Code Date 85032700
634	270167		SEAL, Choke/Throttle Shaft -(Felt)
681	395508		VALVE, High Speed -(Nylon Body)
901	223004		BRACKET, Link -Used Before Code Date 86112400
901	490818		BRACKET, Mounting -(Mechanical Governor) -Used After Code Date 86112300
939	395665		SHAFT, Auto Choke -(Includes Spring)
1012	280414		RETAINER, Link



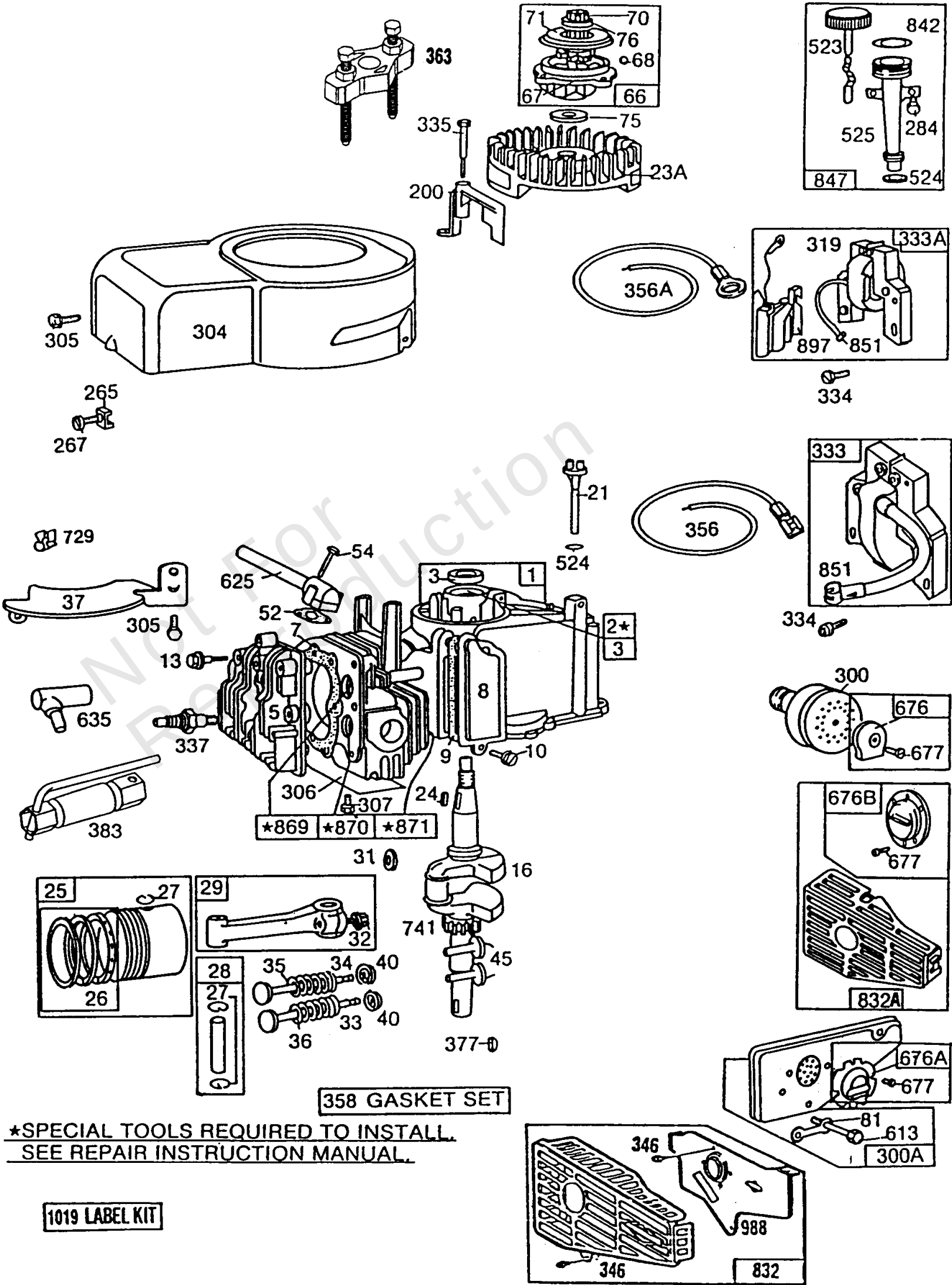
Cyl,Mufflers,Piston,Oil Fill

REF NO	PART NO	QTY	DESCRIPTION
1	395958		CYLINDER ASSEMBLY -Used Before Code Date 85080100
1	399168		CYLINDER ASSEMBLY -(Air Vane) -Used After Code Date 85073100
2	293708		KIT, Bushing/Seal -(Plain Bearing)
3	299819		SEAL, Oil -(Plain Bearing)
5	213141		HEAD, Cylinder
7	270836		GASKET, Cylinder Head -Included in Gasket Set-Part No. 391662
8	298383		BREATHER ASSEMBLY
9	270239		GASKET, Rocker Cover -Included in Gasket Set-Part No. 391662
10	93394		SCREW
13	93111		SCREW -(15/16)
13	93772		STUD -(15/16)
16	492093		CRANKSHAFT
21	280381		PLUG -Used Before Code Date 85080100
21	280485		PLUG -Used After Code Date 85073100
23A	395653		FLYWHEEL
24	222698		KEY, Flywheel
25	391650		PISTON ASSEMBLY -(Standard)
25	391651		PISTON ASSEMBLY -(.010 Oversize)
25	391652		PISTON ASSEMBLY -(.020 Oversize)
25	391653		PISTON ASSEMBLY -(.030 Oversize)
26	391654		SET, Ring -(Standard)
26	391656		SET, Ring -(.010 Oversize)
26	391658		SET, Ring -(.020 Oversize)
26	391660		SET, Ring -(.030 Oversize)
26	392330		SET, Ring -(Standard)
27	26026		LOCK, Piston Pin
28	391649		PIN, Piston -(Standard)
28	394861		PIN, Piston -(.005 Oversize)
29	391640		ROD, Connecting -For Connecting Rod with .020 undersize Crankpin Bearing-Order No. 393710
31	222282		WASHER
32	94405		SCREW -(Connecting Rod)
33	212004		VALVE, Exhaust
34	261233		VALVE, Intake
35	260552		SPRING, Valve -(Exhaust)



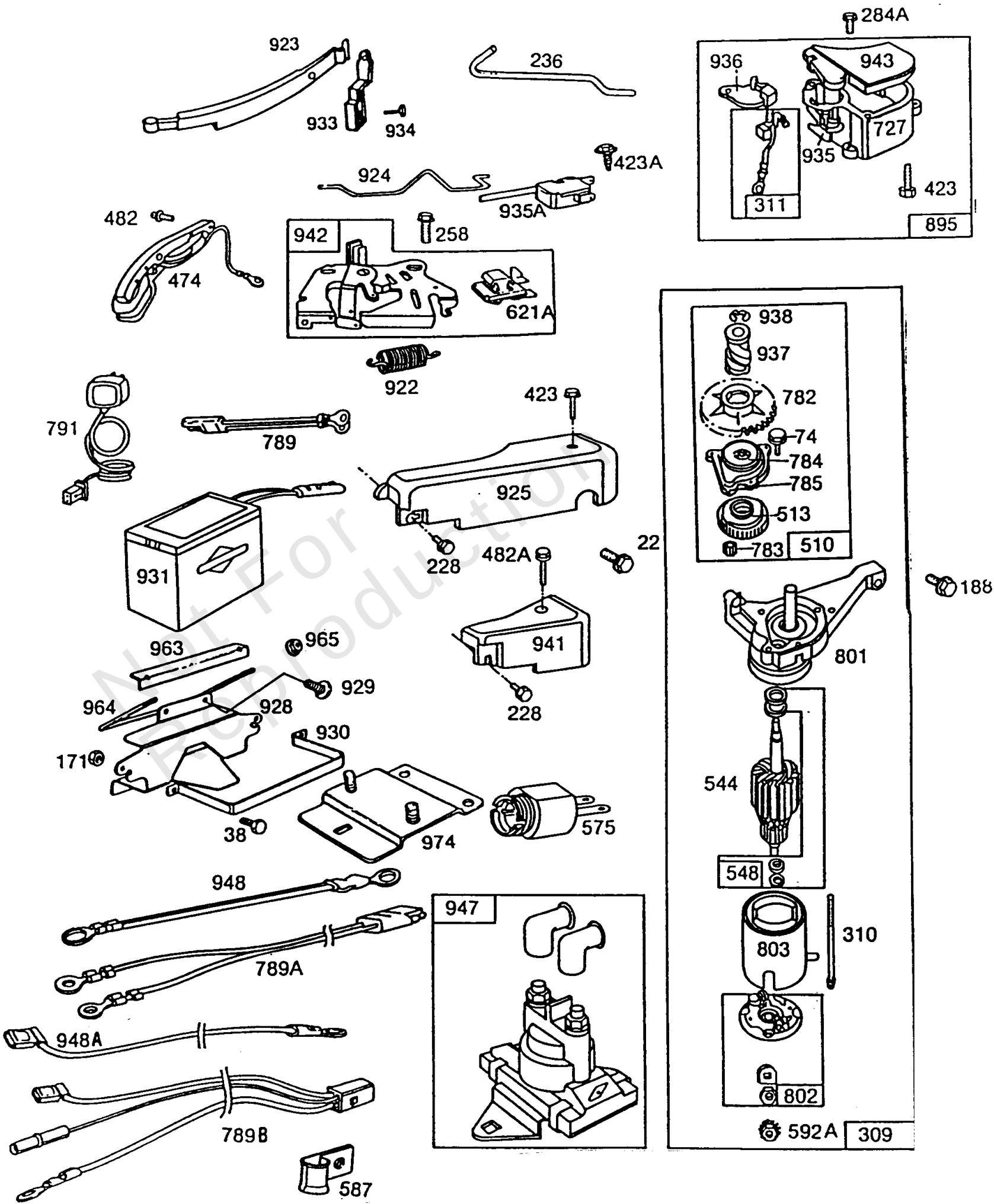
Cyl,Mufflers,Piston,Oil Fill

REF NO	PART NO	QTY	DESCRIPTION
36	26478		SPRING, Valve -(Exhaust)
37	223150		GUARD, Flywheel -(Muffler Side)
40	230126		PIN, Retainer
40	292259		RETAINER, Valve -(Exhaust)
40	93312		RETAINER, Valve -(Valves With Groove In Stem) Used with Valves with Groove in Stem.
45	261250		TAPPET, Valve
52	270844		GASKET, Intake -Included in Gasket Set-Part No. 391662
54	93485		SCREW
66	399671		CLUTCH-STARTER -(Uses Rubber Coated Retainer Washer-Ref. 71)
67	394897		HOUSING, Clutch
68	63770		BALL, Clutch
70	298799		RATCHET, Clutch -(engine W/Ring Gear on FW equipped for Elec Start)
71	221653		WASHER
71	394506		COVER, Ratchet -(Rubber Coated)
75	223047		WASHER -(Flywheel)
76	68238		SEAL, Ratchet
81	223256		LOCK, Rod Screw
200	68388		BLADE, Governor
265	22372		CLAMP, Casing
267	93469		SCREW
284	94073		SCREW
300A	394644		MUFFLER
300	394569		MUFFLER -(Lo Tone)
304	396335		HOUSING, Blower
305	94153		SCREW
306	222394		SHIELD, Cylinder
307	93758		SCREW -(Rotating Screen)
319	395488		ARMATURE, Magneto -(Less Trigger Coil)
333A	395489		ARMATURE, Magneto -(Magnetron Ignition)
333	397316		ARMATURE, Magneto
334	93381		SCREW
335	93435		SCREW
337	293918		PLUG, Spark
337	298809		PLUG, Spark
337	492167		PLUG, Spark
337	802592		PLUG, Spark -(Resistor)
346	93705		SCREW -(8-32 X 3/8)
356	398808		WIRE, Stop -(Cut To Required Length)
358	391662		GASKET SET, Engine
363	19069		PULLER, Flywheel



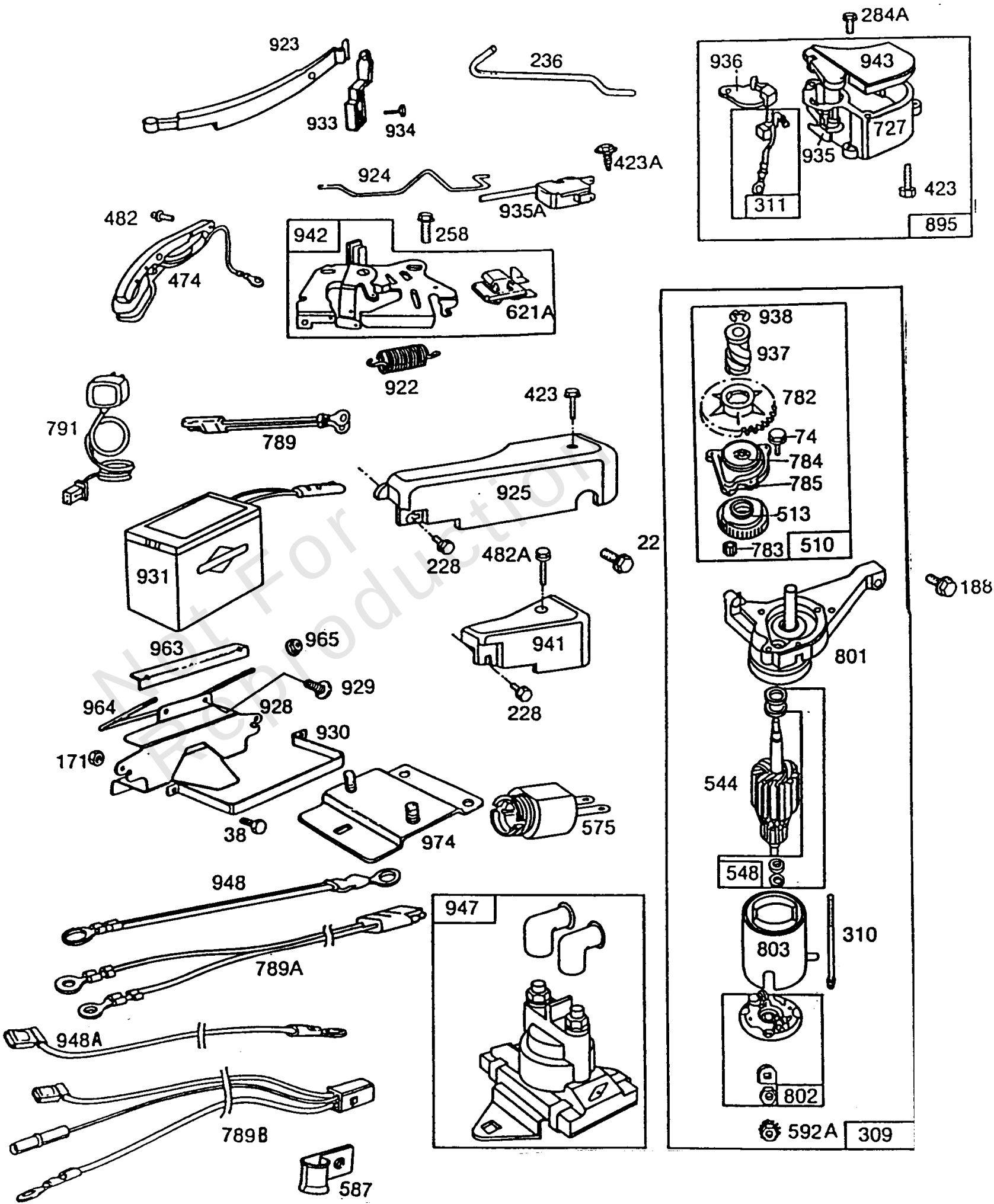
Cyl,Mufflers,Piston,Oil Fill

REF NO	PART NO	QTY	DESCRIPTION
377	93065		KEY, Woodruff -(#6)
383	89838		WRENCH, Spark Plug
523	396372		DIPSTICK/CAP ASSEMBLY
524	271485		SEAL, O-Ring -(Dipstick Tube) (Oil Fill)
525	280382		TUBE, Dipstick -Used Before Code Date 85080100
525	280578		TUBE, Dipstick -Used After Code Date 85073100
613	93935		SCREW -(Muffler)
625	391377		STACK, Air
635	66538		BOOT, Spark Plug
676A	393756		DEFLECTOR, Muffler -(Side Outlet)
676B	396548		DEFLECTOR, Muffler
676	393760		DEFLECTOR, Muffler
677	93705		SCREW -(8-32 X 3/8)
729	280470		CLIP, Wire
741	261533		GEAR, Timing -(Plain Bearing 2 Piece Crankshaft)
832A	396313		GUARD, Muffler
832	399637		GUARD, Muffler
842	270920		SEAL, O-Ring -(Dipstick Tube) (Oil Fill)
847	395869		TUBE, Dipstick -Used Before Code Date 85080100
847	399030		TUBE, Dipstick -Used After Code Date 85073100
851	221798		TERMINAL, Spark Plug
869	210879		SEAT, Valve -(Intake) -Used Before Code Date 88070100
869	211172		SEAT, Valve -(Intake) -Used After Code Date 88063000
870	211291		SEAT, Valve -(Exhaust)
871	231349		BUSHING-VALVE GUIDE -(Exhaust)
871	63709		BUSHING, Valve Guide -(Intake)
897	394970		KIT, Magnetron Ignition
988	223600		BRACKET, Muffler
1019	491082		KIT, Label



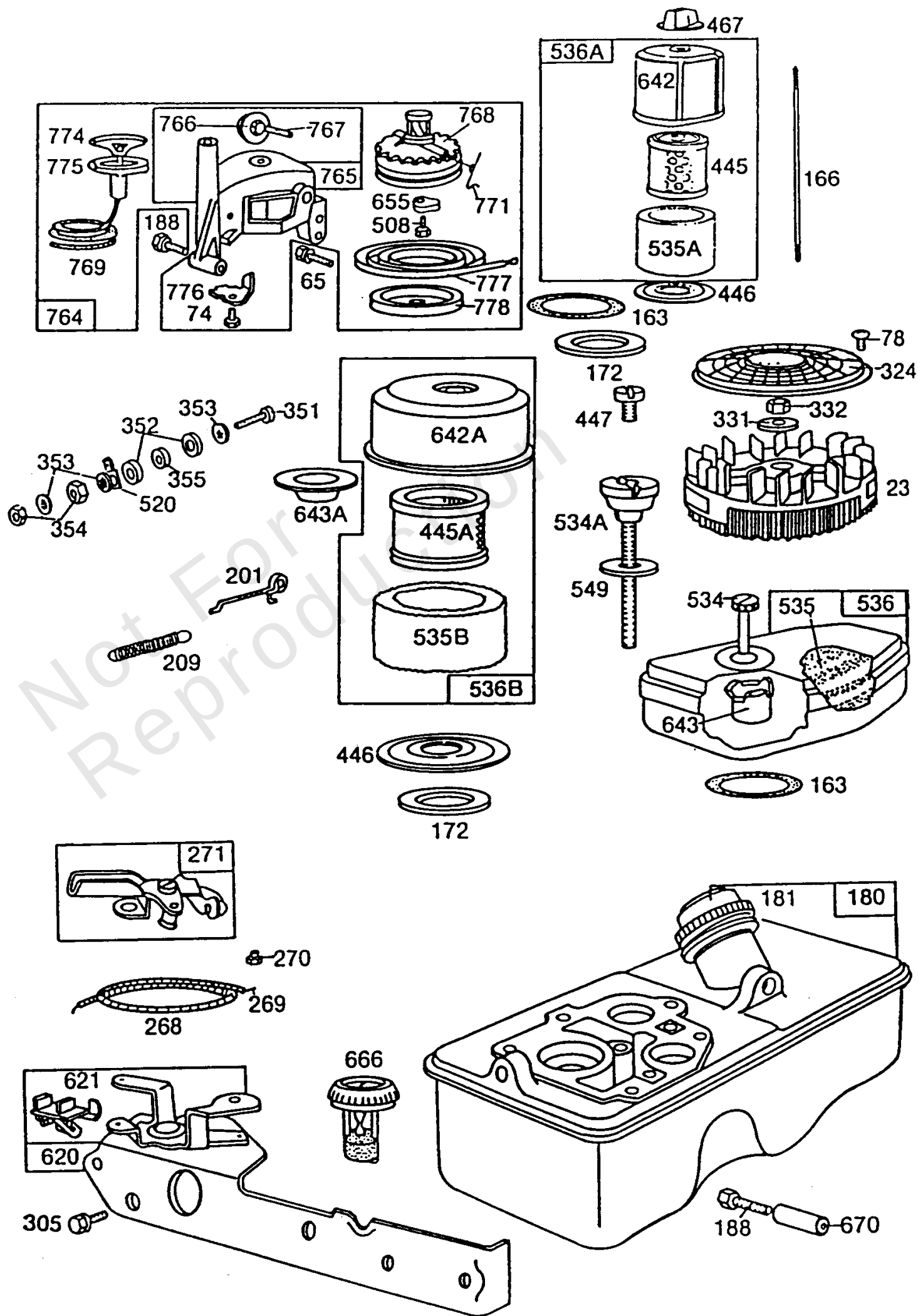
Electric Starter,Electrical

REF NO	PART NO	QTY	DESCRIPTION
22	93032		SCREW -(Fuel Tank) (Tank)
38	93777		SCREW
74	93490		SCREW -Included in Starter Drive Kit-Part No. 395727
171	93203		NUT
188	93585		SCREW -(Crankcase Cover)
228	93490		SCREW -(Rotating Screen)
236	262461		LINK, Lockout
258	94018		SCREW
284A	93892		SCREW
309	396439		MOTOR, Starter -(6 Volt)
309	397863		MOTOR, Starter -(12 Volt) (White Insulator) Identified By White Ground Insulator.
310	94051		SCREW
311	395728		SET, Brush
311	396537		SET, Brush -(Compliance Engines)
423A	93758		SCREW -(Rotating Screen)
423	94026		SCREW
474	397880		ALTERNATOR
482A	93621		SCREW -(Tapping)
482	94016		SCREW
510	395727		DRIVE, Starter
513	394815		CLUTCH, Starter -Included in Starter Drive Kit-Part No. 395727
544	396058		ARMATURE, Starter -(6 Volt)
544	398636		ARMATURE, Starter -(12 Volt)
548	396067		WASHER -(Starter Motor)
575	396291		SWITCH, Starting
587	220162		CLIP, Wire
592A	93991		NUT -(10-24)
621A	297472		SWITCH, Stop -Used Before Code Date 84030100
621A	396847		SWITCH, Stop -Used After Code Date 84030200
727	280336		GUARD, Flywheel
782	280038		GEAR, Starter Drive -Included in Starter Drive Kit-Part No. 395727
783	261606		GEAR, Starter Drive -Included in Starter Drive Kit-Part No. 395727
784	223123		COVER, Gear -Included in Starter Drive Kit-Part No. 395727
785	271457		GASKET, Gear Cover/Housing -Included in Starter Drive Kit-Part No. 395727
789A	396393		HARNESS, Wiring -(Use With Solenoid) (6 Volt)
789B	397637		HARNESS, Wiring -(12 Volt)



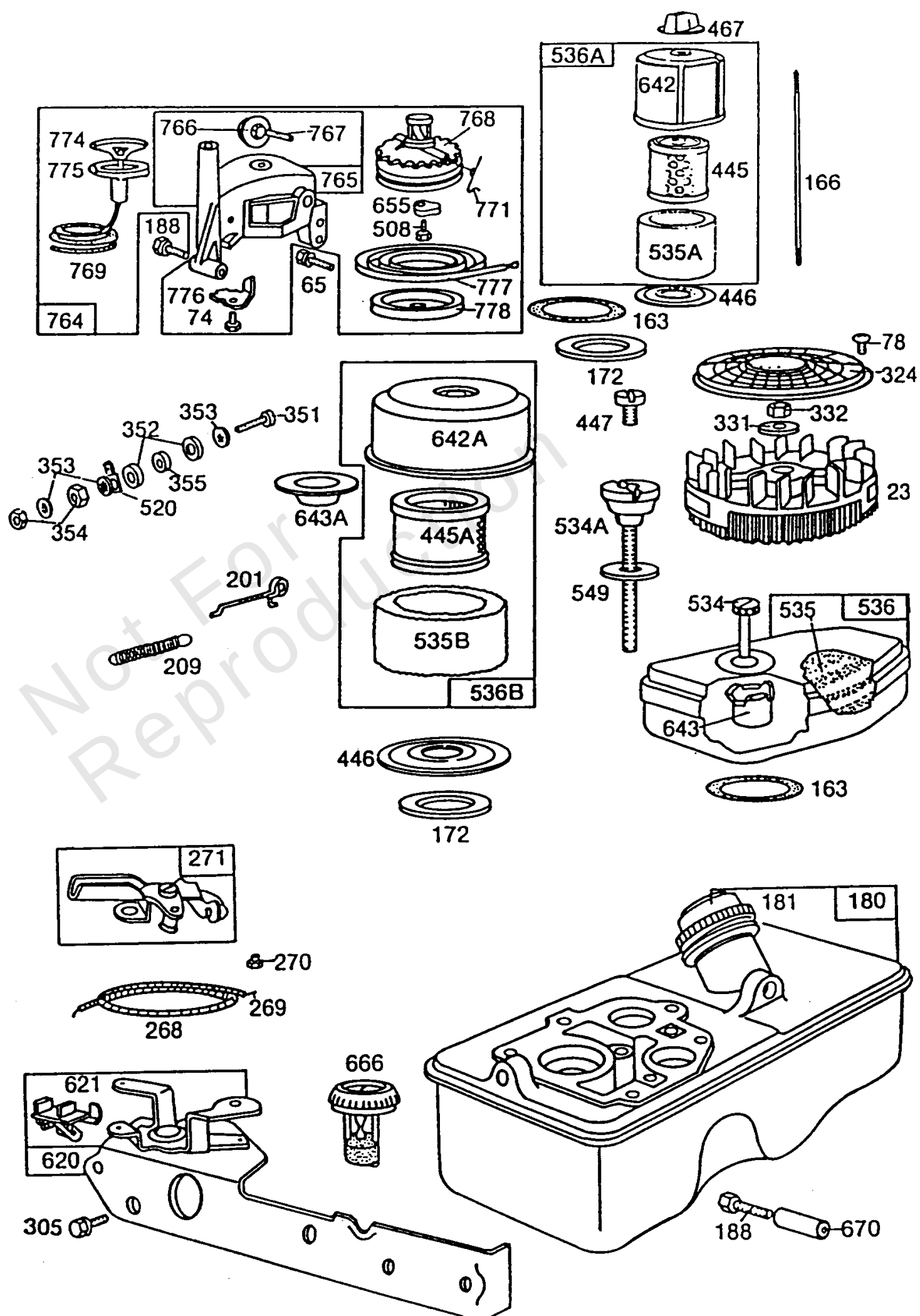
Electric Starter,Electrical

REF NO	PART NO	QTY	DESCRIPTION
789A	396392		HARNESS, Wiring -(14, 6 Volt)
789	395602		HARNESS, Wiring -(14, For Remote Mount Battery)
789	395624		HARNESS, Wiring -(4-1/2) (4 1/2)
791	395569		CHARGER, Battery -(120 Volt) (6 Volt Battery)
791	395585		CHARGER, Battery -(240 Volt) (6 Volt Battery)
791	493357		ADAPTER, Charger -(With 493359 Battery)
801	395851		CAP, Drive
802	396061		CAP, End
803	396059		HOUSING, Starter
895	394767		SWITCH, Starting
922	261647		SPRING, Governor -(Return)
923	394867		PIVOT, Band Brake
924	261881		LINK, Starter Switch
925	280363		COVER, Linkage
928	223162		BRACKET, Battery
929	93980		SCREW -(Fuel Tank) (Tank)
930	223161		BRACKET, Support
931	395559		BATTERY -(6 Volt)
933	223448		PIVOT, Band Brake
934	94037		SCREW
935A	398758		SWITCH, Interlock -(12 Volt)
935	223128		SWITCH, Interlock
936	280338		SWITCH, Actuator
937	280366		SPLINE, Starter -Included in Starter Drive Kit-Part No. 395727
938	93941		RETAINER, E Ring -Included in Starter Drive Kit-Part No. 395727
941	280395		COVER, Linkage
942	493248		BRACKET, Brake
943	280322		COVER, Starter
947	396483		SOLENOID, Fuel
948A	397803		HARNESS, Wiring -(12 Volt)
948	396261		HARNESS, Wiring -(6 Volt) (8)
963	223502		STRAP, Battery Support
964	94107		BOLT
965	94108		NUT
974	397591		BRACKET, Mounting -(6 Volt) Uses: 93980 Screw-Hex. Head



Fuel Tank Assy,A/C,Rewind

REF NO	PART NO	QTY	DESCRIPTION
23	394849		FLYWHEEL
65	93587		SCREW -(1/4-20 X 1)
74	93490		SCREW -Included in Starter Drive Kit-Part No. 395727
78	93490		SCREW -(Rotating Screen)
163	271139		GASKET, Air Cleaner -(Above Spacer)
166	231332		STUD -(Rotary Choke)
172	271077		SPACER, Air Cleaner
180	396781		TANK, Fuel
181	391494		CAP, Fuel Tank -(Chrome)
188	93585		SCREW -(Crankcase Cover)
201	261027		LINK, Air Vane
209	261105		SPRING, Governor -(3000 To 3200 RPM)
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 Part No. 26099 and cut to required length.
270	63426		NUT -(Control Wire Casing)
271	290568		LEVER, Control
305	94153		SCREW
324	280140		SCREEN, Rotating
331	220865		WASHER -(Heavy Flywheel)
332	92284		NUT -(Flywheel)
351	93735		SCREW
352	66068		WASHER -(Fiber)
353	92791		WASHER
354	90576		NUT -(Ground Terminal)
355	66554		WASHER -(Insulating)
445A	392308		FILTER, A/C Cartridge
445	396424		FILTER, Pre Cleaner
446	222844		BASE, Air Cleaner
447	93913		SCREW
467	212706		KNOB, Choke Shaft
508	93158		SCREW -(1/4-20 X 5/8)
520	93522		CONNECTOR, Terminal
534A	94005		SCREW -(Air Cleaner)
534	93374		SCREW -(Air Cleaner)
535B	270979		FILTER, Air Cleaner Foam
535A	271466		FILTER, Pre Cleaner
535	270848		FILTER, Air Cleaner Foam



Fuel Tank Assy,A/C,Rewind

REF NO	PART NO	QTY	DESCRIPTION
536B	392368		CLEANER, Air
536A	396397		CLEANER, Air
536	391641		CLEANER, Air
549	270978		WASHER -(Below Internal Screw Head)
620	391442		BRACKET, Control -(Remote Control)
621	297472		SWITCH, Stop -Used Before Code Date 85032800
621	396847		SWITCH, Stop -Used After Code Date 85032700
642A	222626		COVER, Air Cleaner
642	223306		COVER, Air Cleaner
643A	222594		SUPPORT, Foam Element -(1/4 Deep)
643	280374		RETAINER, Air Filter
655	222057		ANCHOR, Spring
666	299992		GAUGE, Fuel
670	94038		SPACER, Fuel Tank -(Compliance Engines)
764	395874		STARTER, Vertical Rewind -(80 Rope) (Compliance Engines)
765	395914		HOUSING, Vertical Starter -(Compliance Engines)
766	280022		PULLEY, Rope Guide
767	231048		PIN, Retainer -(7/16)
768	299948		PULLEY, Vertical Starter
769	280406		ROPE, Starter -(Cut To Required Length) If longer rope is needed, Order Part No. 280399 and cut to required Length.
771	299961		CLIP -(Vertical Pull Starter)
774	280121		INSERT, Grip
775	280036		GRIP, Starter Rope
776	222049		GUIDE, Rope
777	390066		SPRING, Vertical Rewind Starter
778	280021		COVER, Vertical Pulley

Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	-----		No engine replacement. Repair engine with individual parts.
	-----		Top No-Load Speed: 3000 -Trim: ALL

Not For Reproduction

