

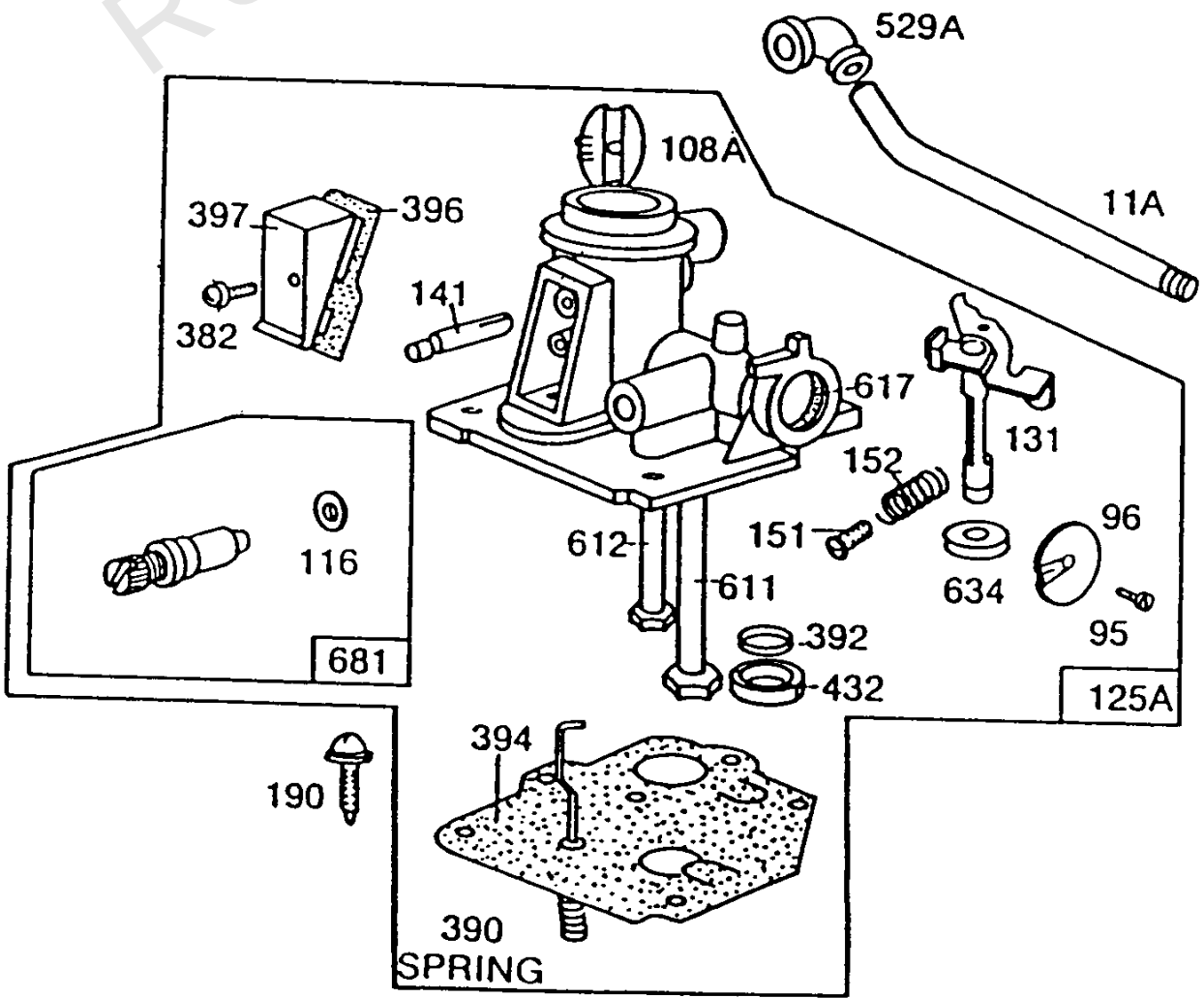
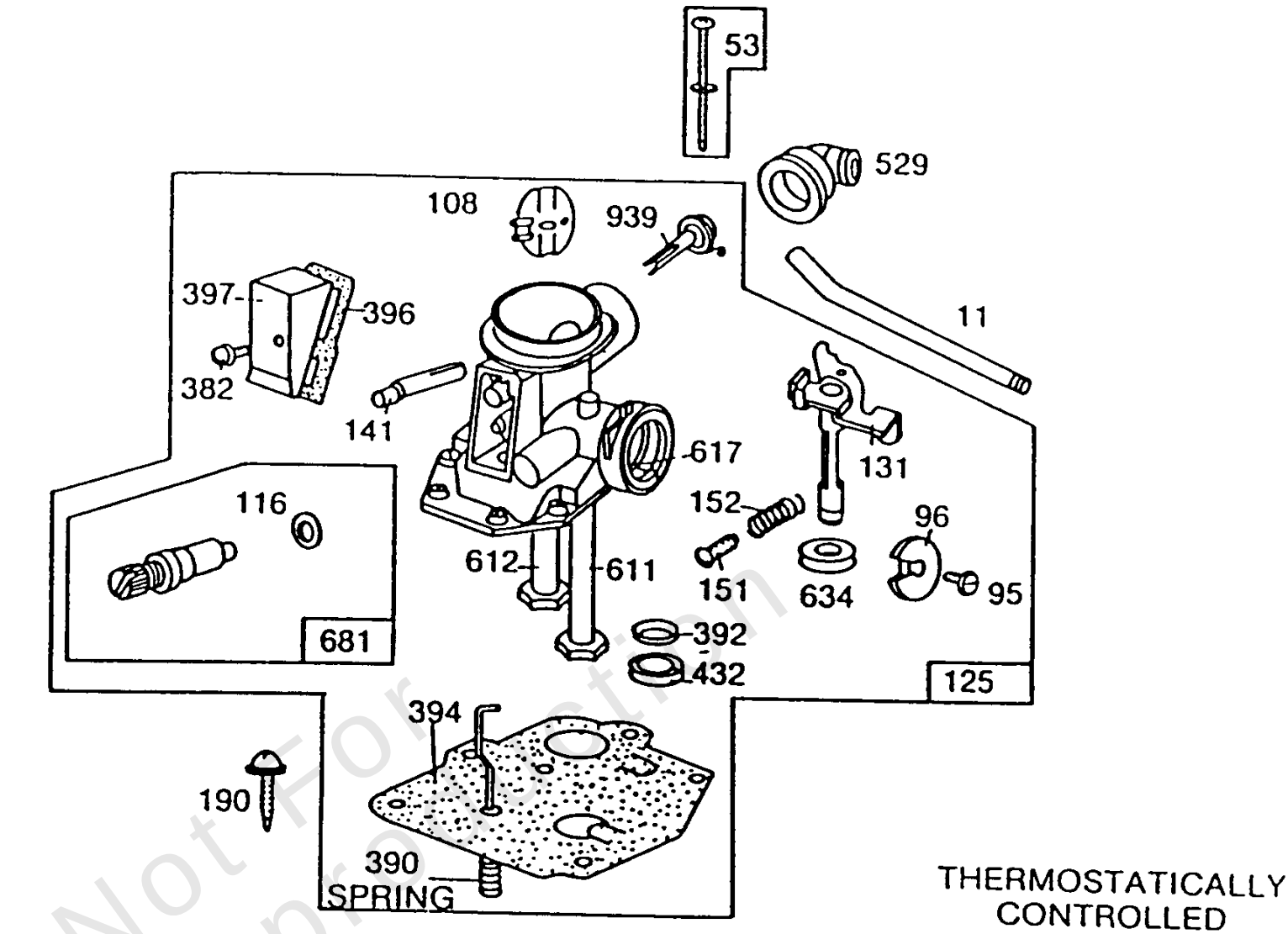


Parts Manual

Mfg. No: 113908-0634-02

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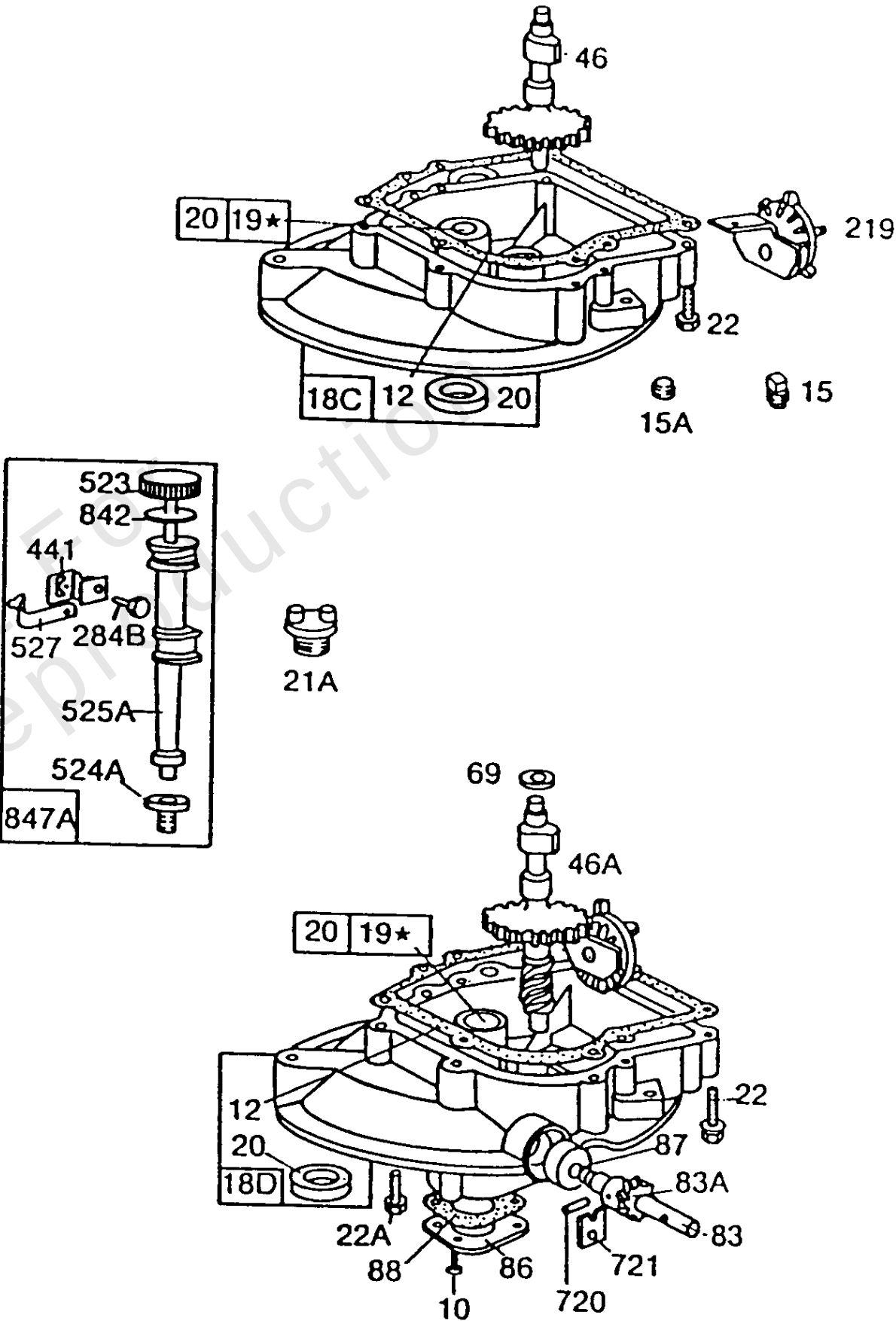
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Reproduction



(2) 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
116	280203		SEAL, O-Ring -(Fuel Shut Off)
125A	394739		CARBURETOR
125	396336		CARBURETOR -(Mechanical Governor)
131	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
382	93545		SCREW
390	261249		SPRING, Diaphragm
392	260455		SPRING, Pump Diaphragm
394	391643		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)

Sump assemblies illustrated on this page include an oil filler opening.



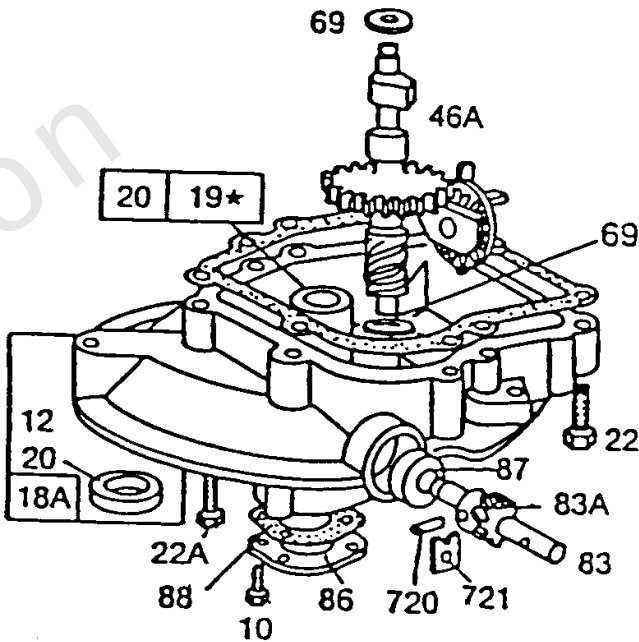
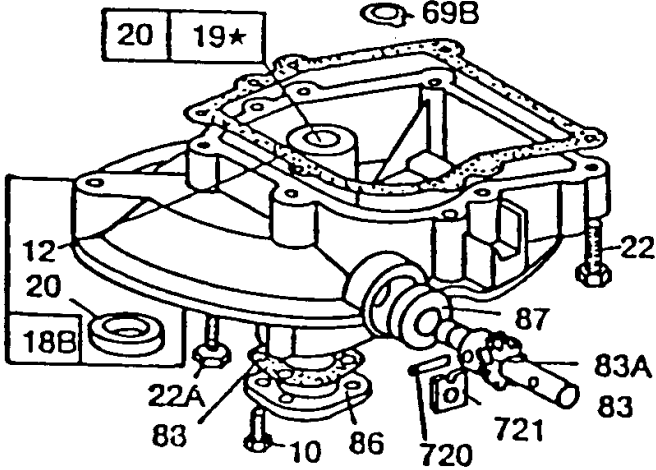
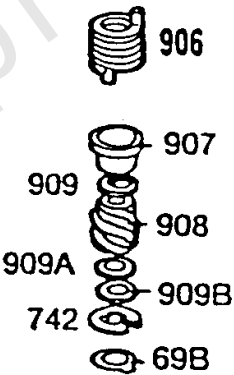
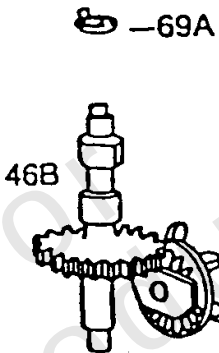
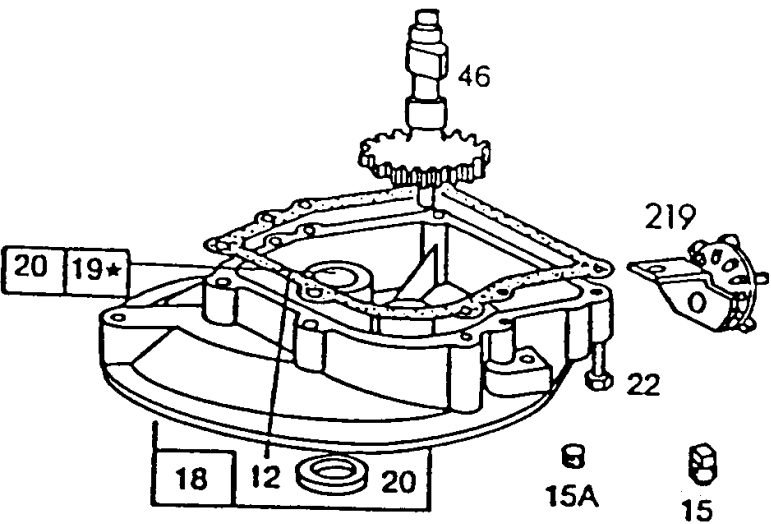
★SPECIAL TOOLS REQUIRED TO INSTALL.
SEE REPAIR INSTRUCTION MANUAL.

(2)Sump Bases,High Oil Fill

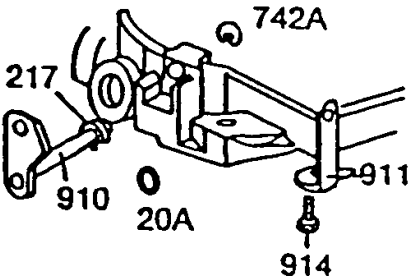
REF NO	PART NO	QTY	DESCRIPTION
10	93394		SCREW
12	270833		GASKET, Crankcase -(.015) Included in Gasket Set-Part No. 391662
12	270895		GASKET, Crankcase -(.005) Included in Gasket Set-Part No. 391662
12	270896		GASKET, Crankcase -(.009) Included in Gasket Set-Part No. 391662
15A	93418		PLUG, Oil Drain -(Flush)
15	91084		PLUG, Oil Drain -(3/8)
18C	293512		SUMP, Engine
19	293709		KIT, Bushing/Seal -(PTO Side)
20	391483		SEAL, Oil -(PTO Side)
21A	66768		PLUG, Oil -(Used with Engine Sumps With An Oil Fill Boss)
22	93032		SCREW -(Fuel Tank) (Tank)
46A	396064		CAMSHAFT -(Counterclockwise)
46	395856		CAMSHAFT
69	66874		WASHER, Thrust -(11/16 O.D. X 15/32 I.D.)
69	68938		WASHER -(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 -Included in Gasket Set-Part No. 391662
219	394044		GEAR, Governor
284B	93572		SCREW -(10-32 X 3/8)
441	222530		BRACKET, Oil Fill
523	396372		DIPSTICK/CAP ASSEMBLY
524A	68838		SEAL, O-Ring -(Dipstick Tube)
525A	280131		TUBE, Dipstick
527	222548		CLAMP, Hose
720	93474		PIN, Shaft
721	221779		STOP, Shaft
842	270920		SEAL, O-Ring -(Dipstick Tube) (Oil Fill)
847A	392055		DIPSTICK/TUBE ASSEMBLY

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Sump assemblies illustrated
on this page do NOT include
an oil filler opening.



998 POWER TRAC KIT

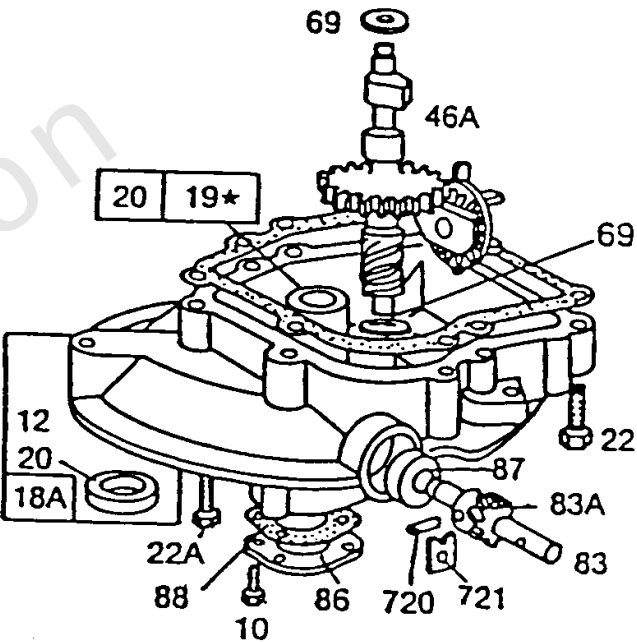
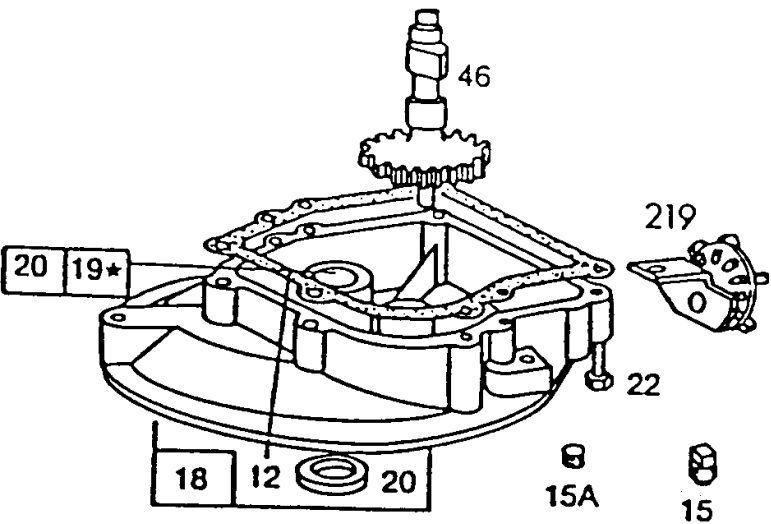


(3)Sump Bases,Right Angle Dr

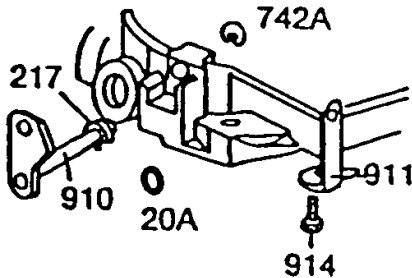
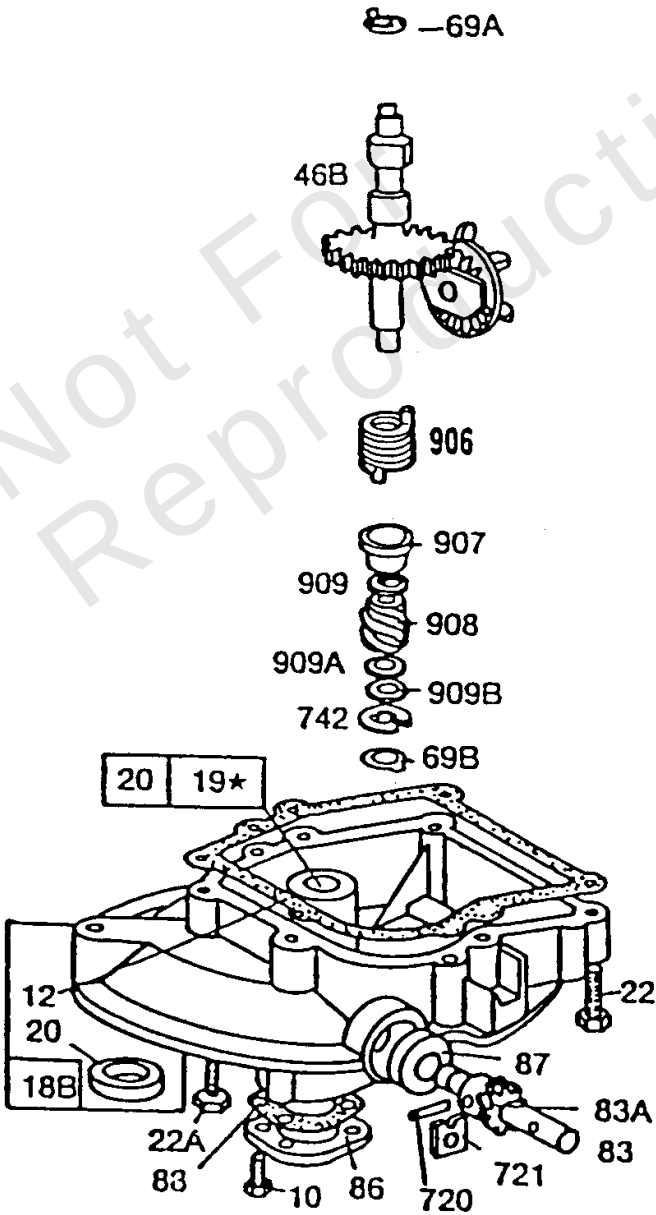
REF NO	PART NO	QTY	DESCRIPTION
10	93394		SCREW
12	270833		GASKET, Crankcase -(.015) Included in Gasket Set-Part No. 391662
12	270895		GASKET, Crankcase -(.005) Included in Gasket Set-Part No. 391662
12	270896		GASKET, Crankcase -(.009) Included in Gasket Set-Part No. 391662
15A	93418		PLUG, Oil Drain -(Flush)
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	396064		CAMSHAFT -(Counterclockwise)
46B	396378		CAMSHAFT -(Clutch)
46	395856		CAMSHAFT
69A	223011		WASHER
69B	223228		WASHER, Thrust
69	66874		WASHER, Thrust -(11/16 O.D. X 15/32 I.D.)
69	68938		WASHER -(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 -Included in Gasket Set-Part No. 391662
217	261520		SPRING, Return -(Clutch Lever)
219	394044		GEAR, Governor
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)
911	223009		BRACKET, Clutch

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on this page do NOT include
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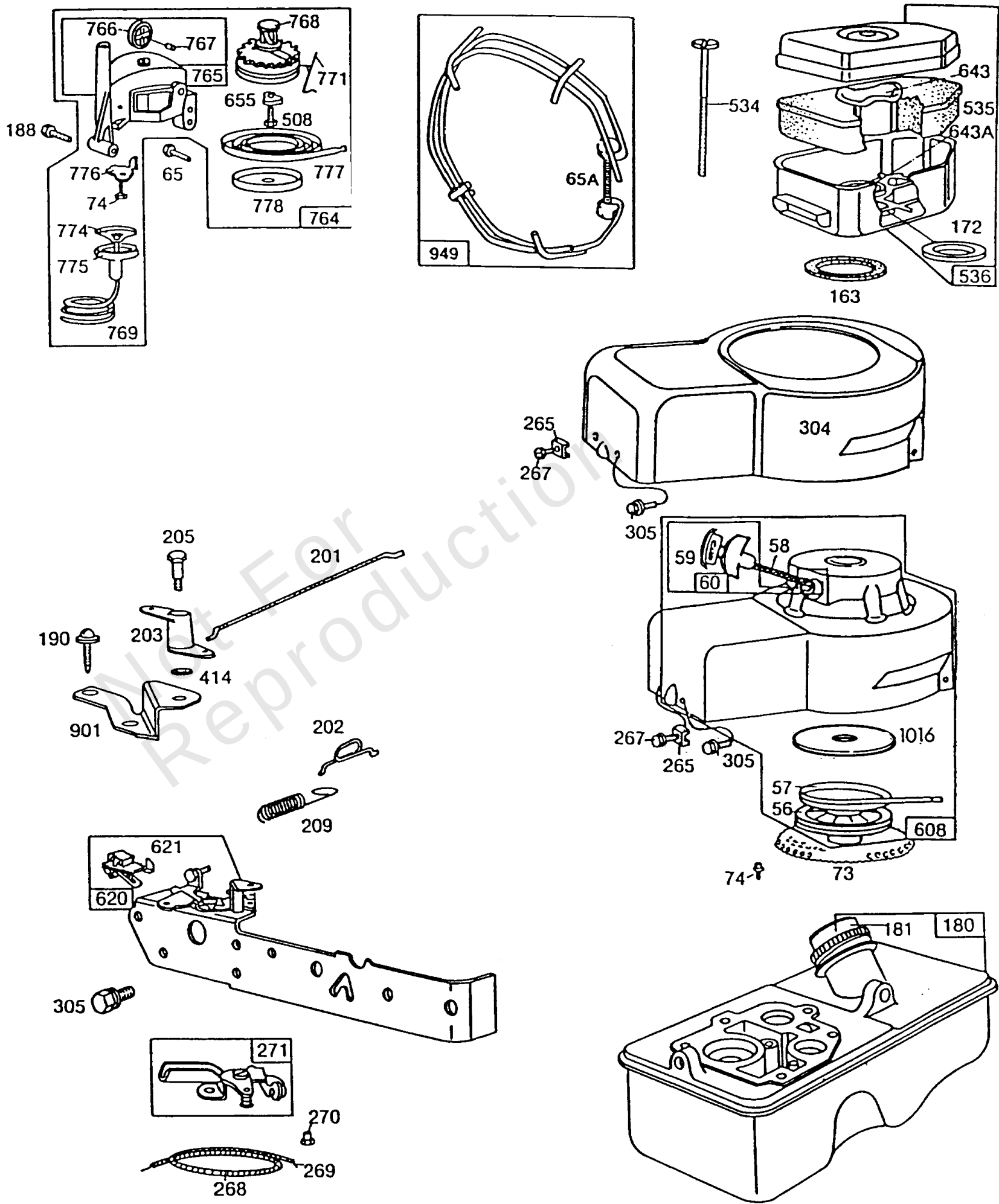
998 POWER TRAC KIT



(3)Sump Bases,Right Angle Dr

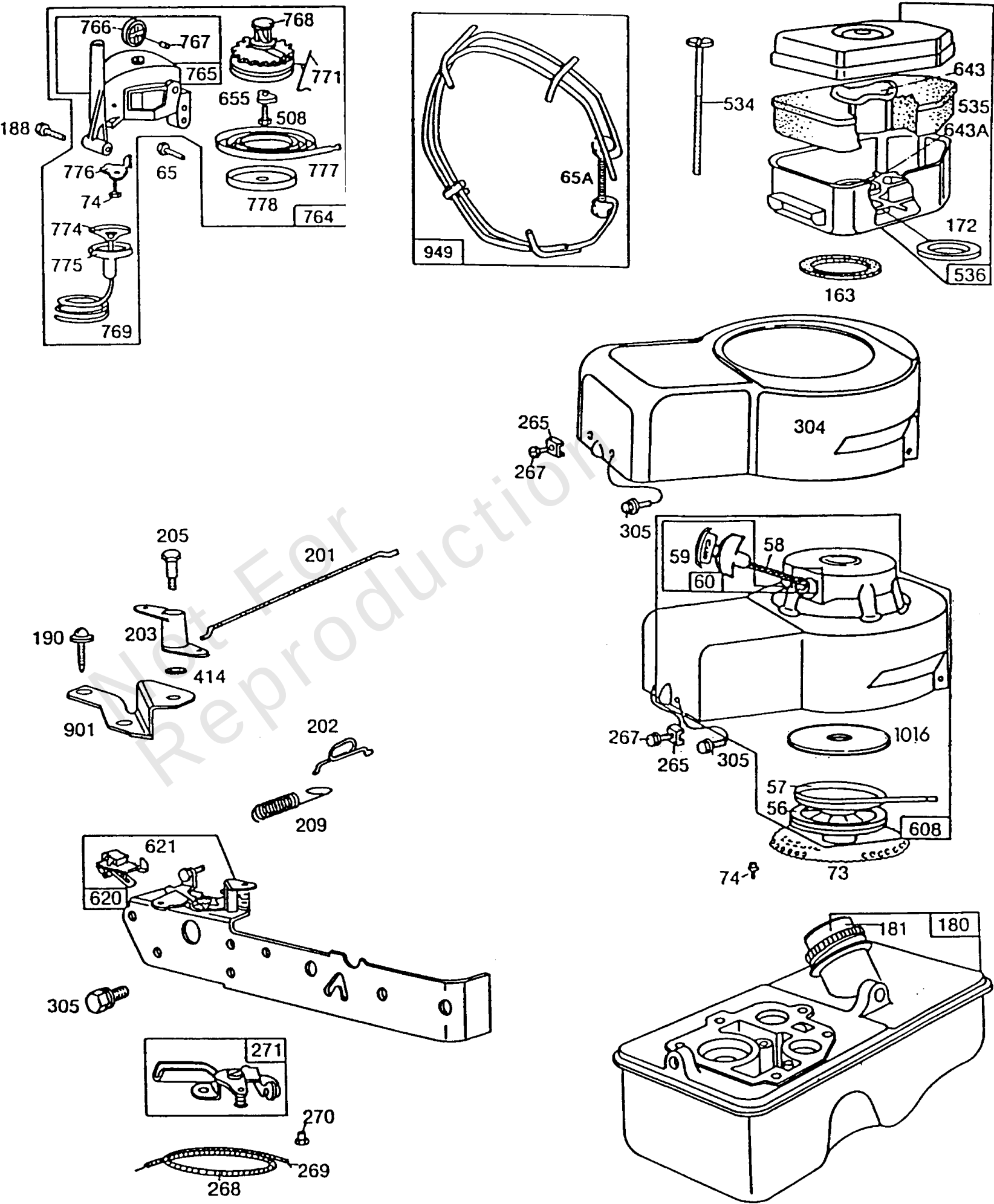
REF NO	PART NO	QTY	DESCRIPTION
914	93970		SCREW

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BlowerHsg,Rewind,A/C,Control

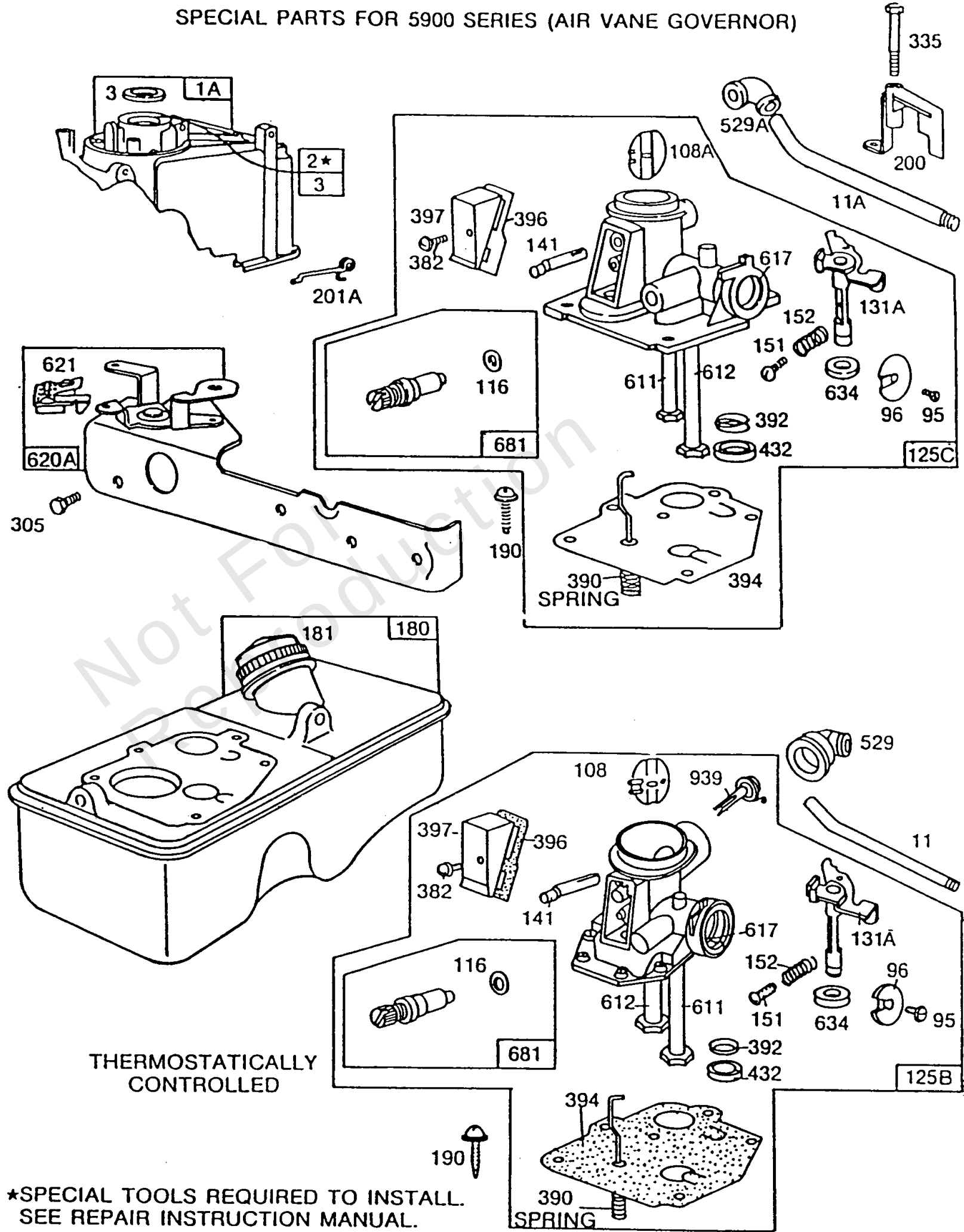
REF NO	PART NO	QTY	DESCRIPTION
56	280439		PULLEY, Rope Starter
57	490179		SPRING-REWIND STR
58	66734		ROPE, Starter -(48-5/8) If longer rope is needed, order No. 280399 and cut to required length.
59	396892		INSERT-GRIP
60	393152		GRIP-STARTER ROPE
65A	94124		SCREW
65	93587		SCREW -(1/4-20 X 1)
73	221661		SCREEN, Rotating -(Rewind Starter)
74	93490		SCREW -Included in Starter Drive Kit-Part No. 395727
163	271139		GASKET, Air Cleaner -(Above Spacer)
172	271273		GASKET, Air Cleaner -(Air Cleaner)
180	391694		TANK, Fuel
181	391494		CAP, Fuel Tank -(Chrome)
188	94102		SCREW
190	93440		SCREW
201	261539		LINK, Choke -Used Before Code Date 82101904
201	261918		LINK, Air Vane -Used After Code Date 82101804
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
209	261642		SPRING, Governor
265	22372		CLAMP, Casing
267	93469		SCREW
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
304	223287		HOUSING, Blower -(Vertical Pull Starter)
305	94153		SCREW
414	220982		WASHER -Used Before Code Date 86112400
414	223932		WASHER -Used After Code Date 86112300
508	93158		SCREW -(1/4-20 X 5/8)
534	93865		SCREW -(Air Cleaner)



BlowerHsg,Rewind,A/C,Control

REF NO	PART NO	QTY	DESCRIPTION
535	270848		FILTER, Air Cleaner Foam
536	394738		CLEANER, Air
608	397459		STARTER, Rewind -(12 O'clock)
620	394642		BRACKET, Control -(Remote Control)
621	297472		SWITCH, Stop -Used Before Code Date 84030200
621	396847		SWITCH, Stop -Used After Code Date 84030100
643A	280342		SUPPORT, Foam Element
643	280374		RETAINER, Air Filter
655	222057		ANCHOR, Spring
764	391486		STARTER, Vertical Rewind -(48-5/8)
764	395874		STARTER, Vertical Rewind -(80 Rope) (Compliance Engines)
765	299947		HOUSING, Vertical Starter
765	395914		HOUSING, Vertical Starter -(Compliance Engines)
766	280022		PULLEY, Rope Guide
767	231048		PIN, Retainer -(7/16)
768	395870		PULLEY, Vertical Starter -(81 Rope)
769	280406		ROPE, Starter -(Cut To Required Length) If longer rope is needed, order No. 280399 and cut to required length.
769	66734		ROPE, Starter -(48-5/8)
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
901	490818		BRACKET, Mounting -(Mechanical Governor)
949	396579		GUARD, Debris Screen -(Includes Mounting Hardware)
1016	490817		SPACER-REWIND -(Rewind)

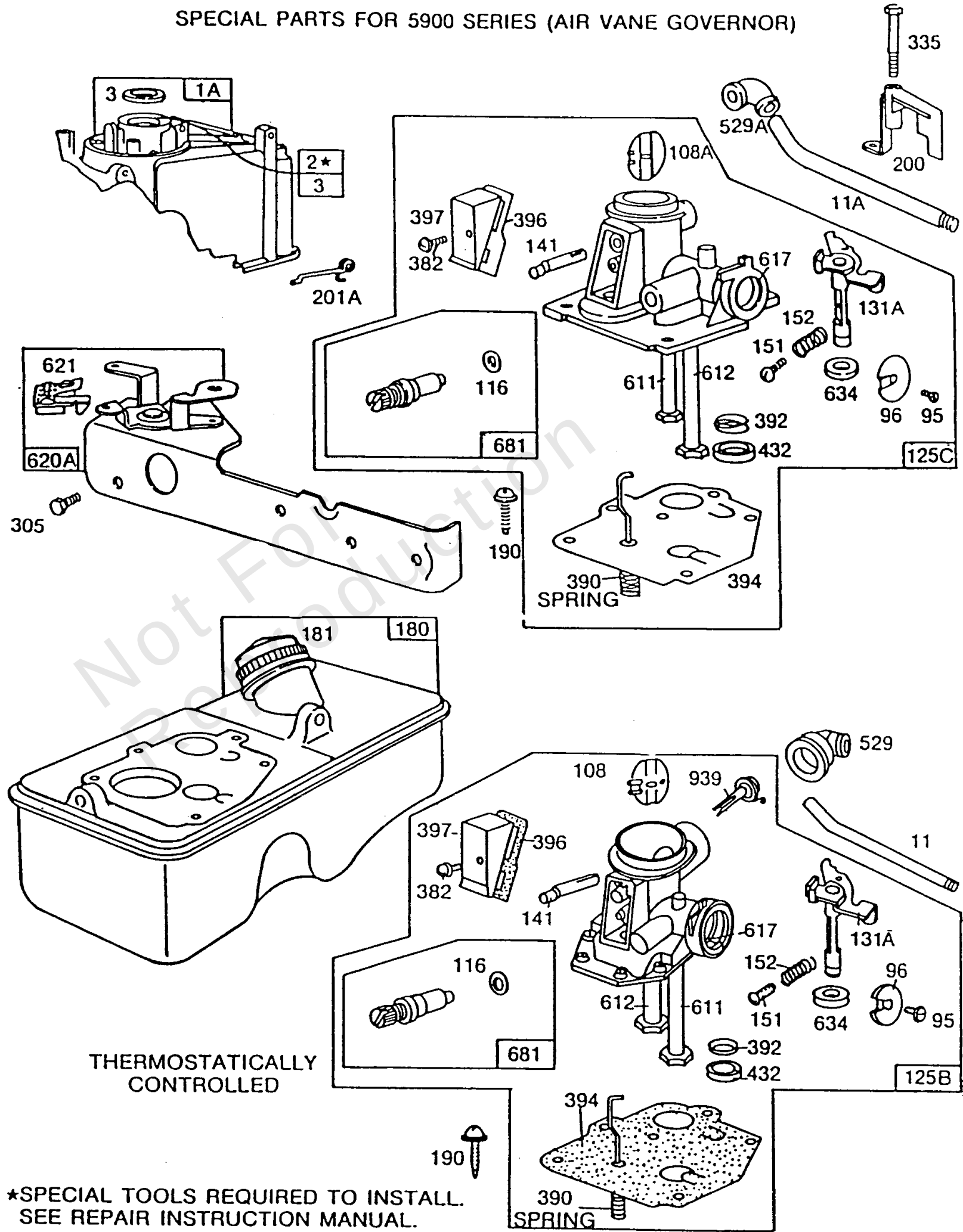
SPECIAL PARTS FOR 5900 SERIES (AIR VANE GOVERNOR)



Carburetors & Fuel Tank Assy

REF NO	PART NO	QTY	DESCRIPTION
1A	399168		CYLINDER ASSEMBLY -(Air Vane) -Used After Code Date 85073100
1A	395958		CYLINDER ASSEMBLY -Used Before Code Date 85080100
2	293708		KIT, Bushing/Seal -(Plain Bearing)
3	299819		SEAL, Oil -(Plain Bearing)
11A	231043		TUBE, Breather
11	231292		TUBE, Breather
95	93499		SCREW -(Throttle Valve)
96	211237		VALVE, Throttle
108A	280178		VALVE, Choke
108	280370		VALVE, Choke
116	280203		SEAL, O-Ring -(Fuel Shut Off)
125B	395957		CARBURETOR
125C	394065		CARBURETOR
131A	299977		SHAFT, Throttle
141	68908		SHAFT, Choke
151	93524		SCREW -(5-40 X 1/2)
152	260746		SPRING, Throttle Return
180	391694		TANK, Fuel
181	391494		CAP, Fuel Tank -(Chrome)
190	93440		SCREW
200	68388		BLADE, Governor
201A	261027		LINK, Air Vane
305	94153		SCREW
335	93435		SCREW
382	93545		SCREW
390	261249		SPRING, Diaphragm
392	260455		SPRING, Pump Diaphragm
394	391643		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)
620A	391442		BRACKET, Control -(Remote Control)
621	297472		SWITCH, Stop -Used Before Code Date 84030200
621	396847		SWITCH, Stop -Used After Code Date 84030100
634	270167		SEAL, Choke/Throttle Shaft -(Felt)

SPECIAL PARTS FOR 5900 SERIES (AIR VANE GOVERNOR)



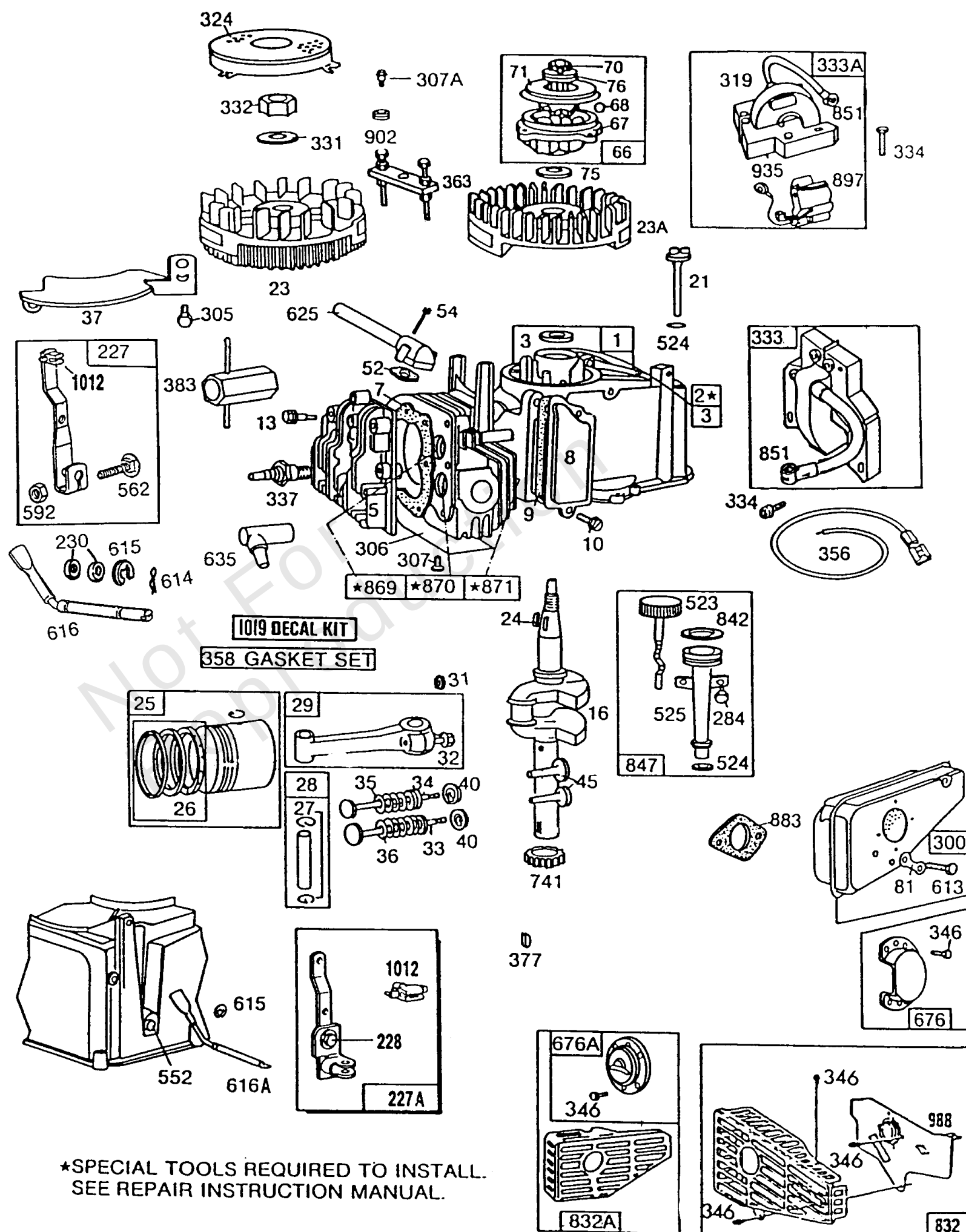
THERMOSTATICALLY
CONTROLLED

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

Carburetors & Fuel Tank Assy

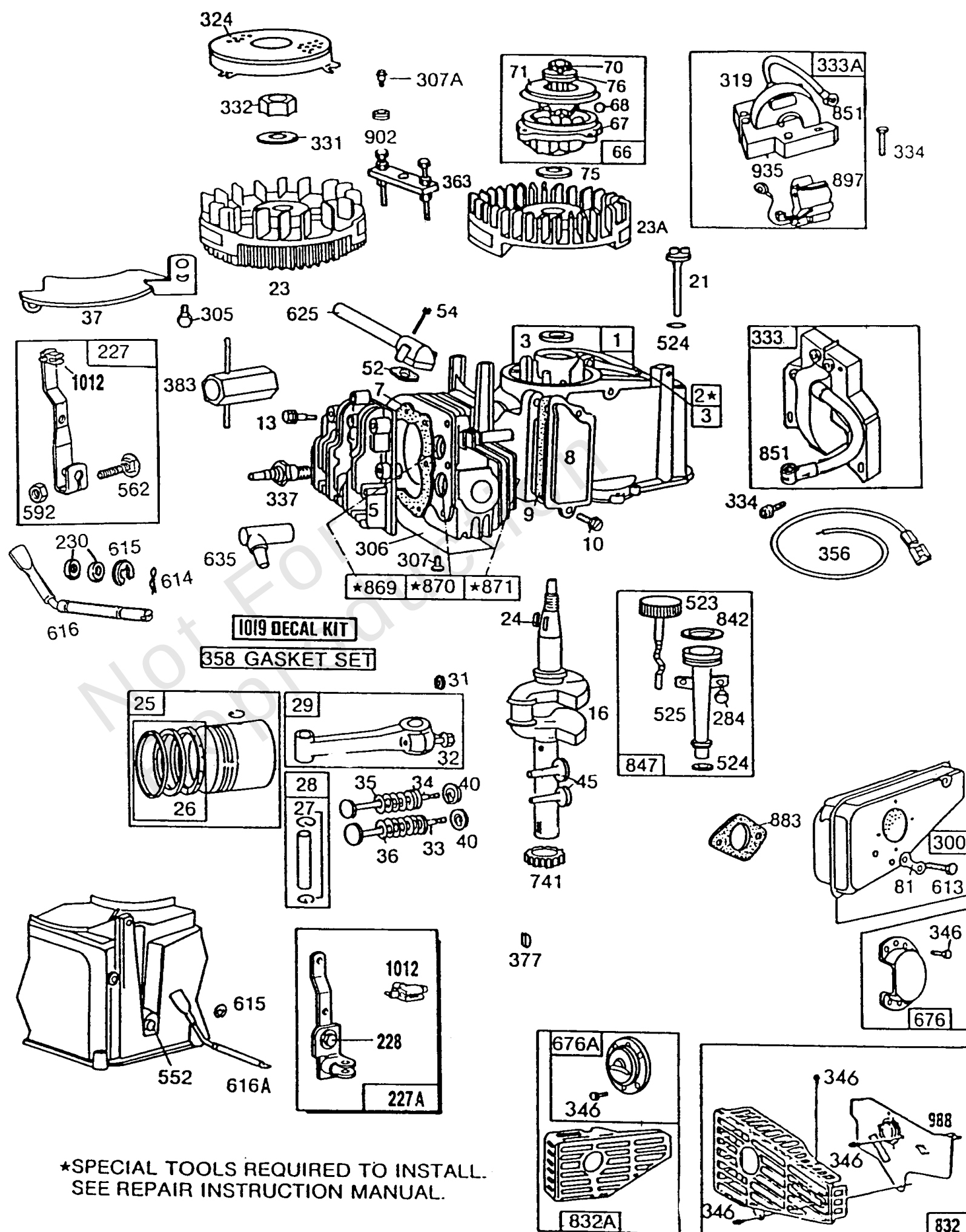
REF NO	PART NO	QTY	DESCRIPTION
681	395508		VALVE, High Speed -(Nylon Body)
939	395665		SHAFT, Auto Choke -(Includes Spring)

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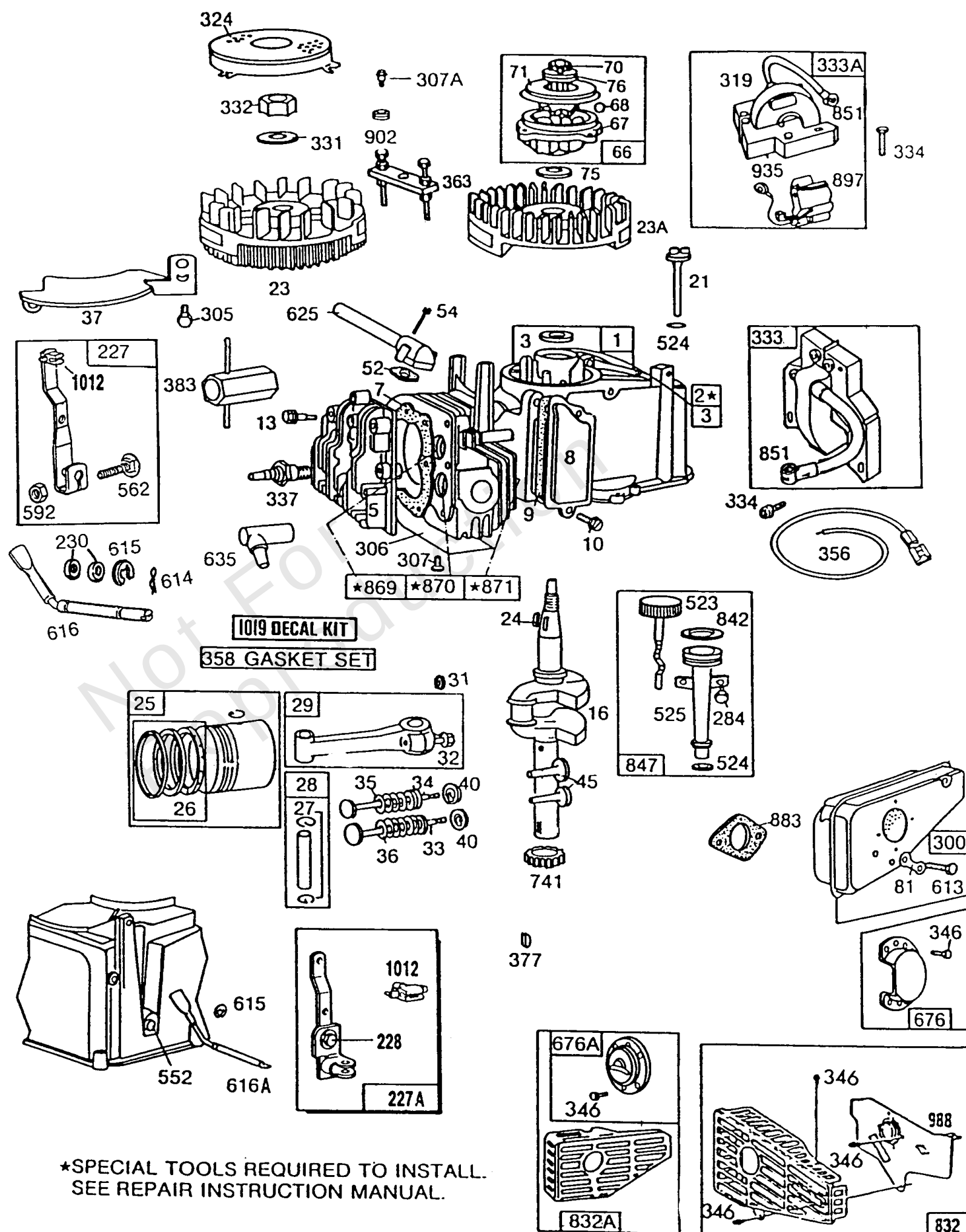
Cyl,Oil Fill,Piston,Mufflers

REF NO	PART NO	QTY	DESCRIPTION
1	399167		CYLINDER ASSEMBLY -(Mechanical Governor)
2	293708		KIT, Bushing/Seal -(Plain Bearing)
3	299819		SEAL, Oil -(Plain Bearing)
5	211851		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)
16	492093		CRANKSHAFT -To Replace Crankshaft Gear Pin, Order Part No. 230978
21	280381		PLUG -Used Before Code Date 85080100
21	280485		PLUG -Used After Code Date 85073100
23A	395653		FLYWHEEL
23	394032		FLYWHEEL -(Vertical Pull Starter)
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)
36	26478		SPRING, Valve -(Exhaust)



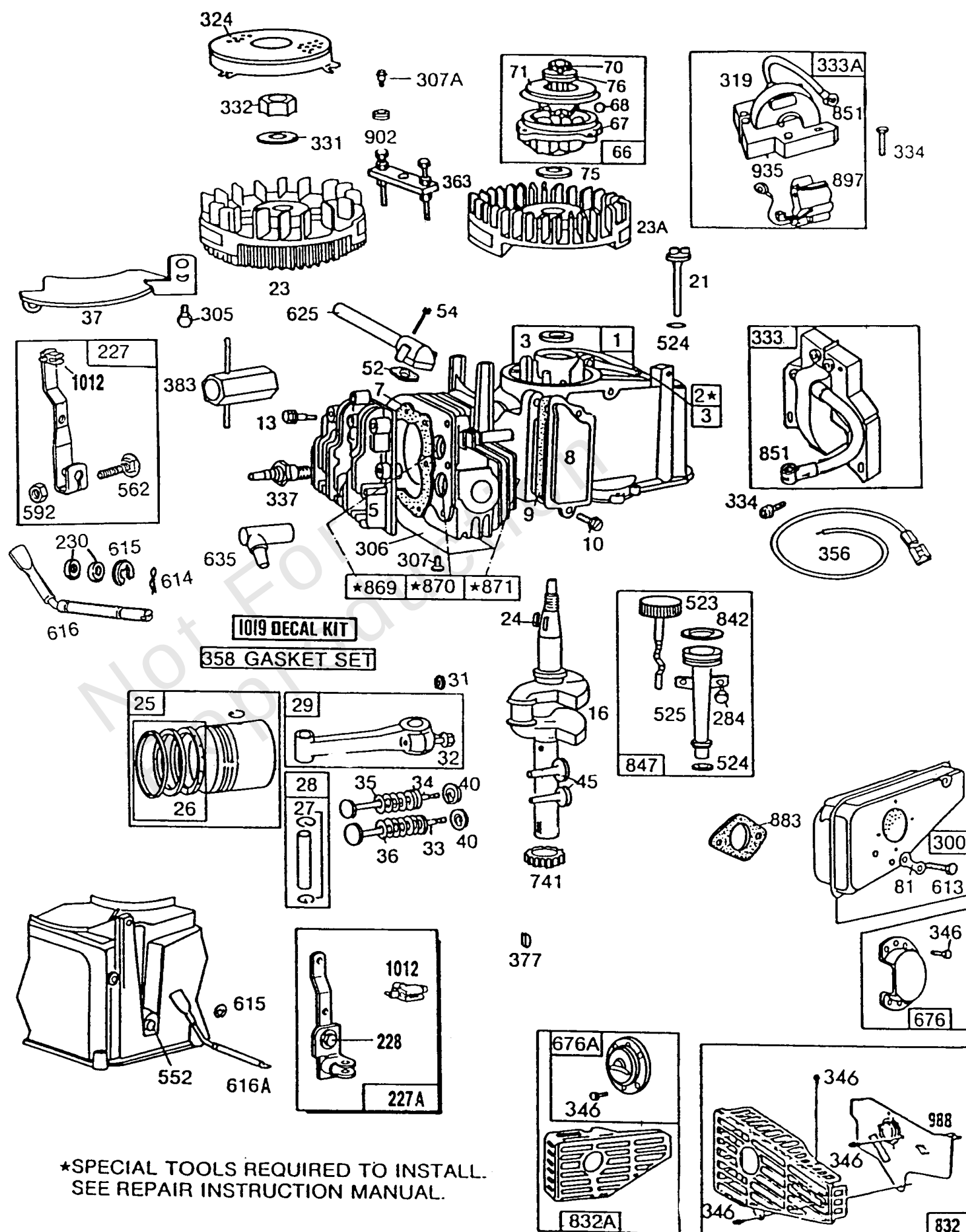
Cyl,Oil Fill,Piston,Mufflers

REF NO	PART NO	QTY	DESCRIPTION
37	223150		GUARD, Flywheel -(Muffler Side)
40	93312		RETAINER, Valve -(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	220865		WASHER -(Heavy Flywheel)
76	68238		SEAL, Ratchet
81	223256		LOCK, Rod Screw
227A	396504		LEVER, Governor Control -(Mechanical Governor) -Used After Code Date 88011100 and Before Code Date 82101804
227A	491481		LEVER, Governor Control -Used Before Code Date 82101904
227	491482		LEVER, Governor Control -Used After Code Date 88011000
228	93758		SCREW -(Rotating Screen)
230	220680		WASHER
284	94073		SCREW
300	394644		MUFFLER
305	94153		SCREW
306	223263		SHIELD, Cylinder
307A	93926		SCREW
307	93490		SCREW -(Rotating Screen)
319	395488		ARMATURE, Magneto -(Less Trigger Coil)
324	223006		SCREEN, Rotating
331	223047		WASHER -(Flywheel)
332	92284		NUT -(Flywheel)
333A	395489		ARMATURE, Magneto -(Magnetron Ignition)
333	397316		ARMATURE, Magneto
334	93381		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)



Cyl,Oil Fill,Piston,Mufflers

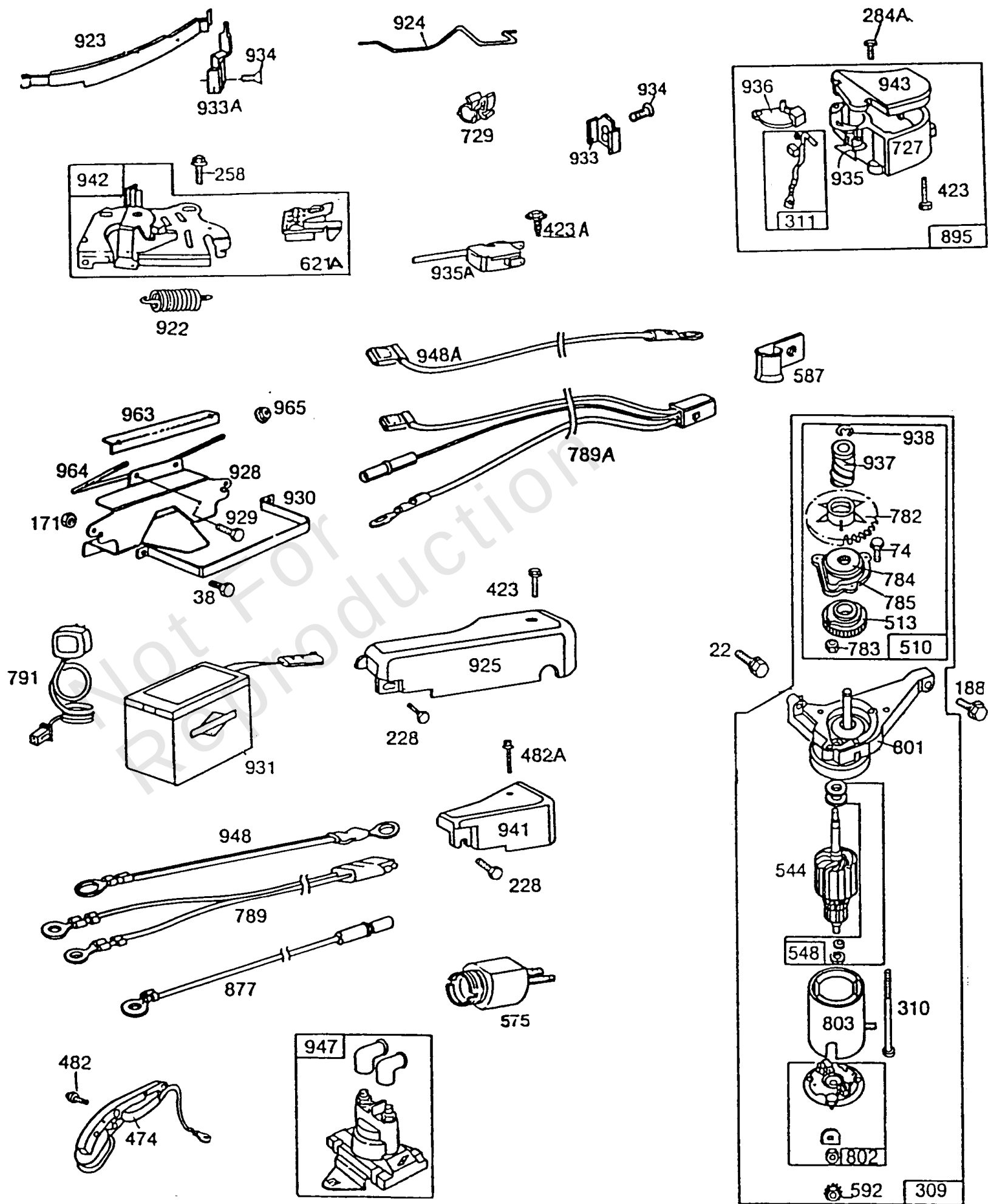
REF NO	PART NO	QTY	DESCRIPTION
358	391662		GASKET SET, Engine
363	19069		PULLER, Flywheel
377	93065		KEY, Woodruff -(#6)
383	89838		WRENCH, Spark Plug
523	396372		DIPSTICK/CAP ASSEMBLY
524	271485		SEAL, O-Ring -(Dipstick Tube) (Oil Fill)
525	280382		TUBE, Dipstick -Used Before Code Date 85080100
525	280578		TUBE, Dipstick -Used After Code Date 85073100
552	230732		BUSHING, Governor Crank -(3/16 I.D.)
562	92613		BOLT -(Governor Lever)
592	93991		NUT -(10-24)
613	93935		SCREW -(Muffler)
614	93306		PIN, Cotter
615	93307		RETAINER, Governor Shaft
616A	394075		CRANK, Governor -(Mechanical Governor) -Used Before Code Date 88011100
616	491405		CRANK, Governor -Used After Code Date 88011000
625	391377		STACK, Air
635	66538		BOOT, Spark Plug
676A	396548		DEFLECTOR, Muffler
676	393756		DEFLECTOR, Muffler -(Side Outlet)
741	261533		GEAR, Timing -(Plain Bearing 2 Piece Crankshaft)
832A	399637		GUARD, Muffler
832	396313		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 88080100
869	211172		SEAT, Valve -(Intake) -Used After Code Date 88073100
870	211291		SEAT, Valve -(Exhaust)
871	262001		BUSHING-VALVE GUIDE -(Exhaust)
871	63709		BUSHING, Valve Guide -(Intake)
883	270774		GASKET, Exhaust
897	394970		KIT, Magnetron Ignition
902	280271		GROMMET



Cyl,Oil Fill,Piston,Mufflers

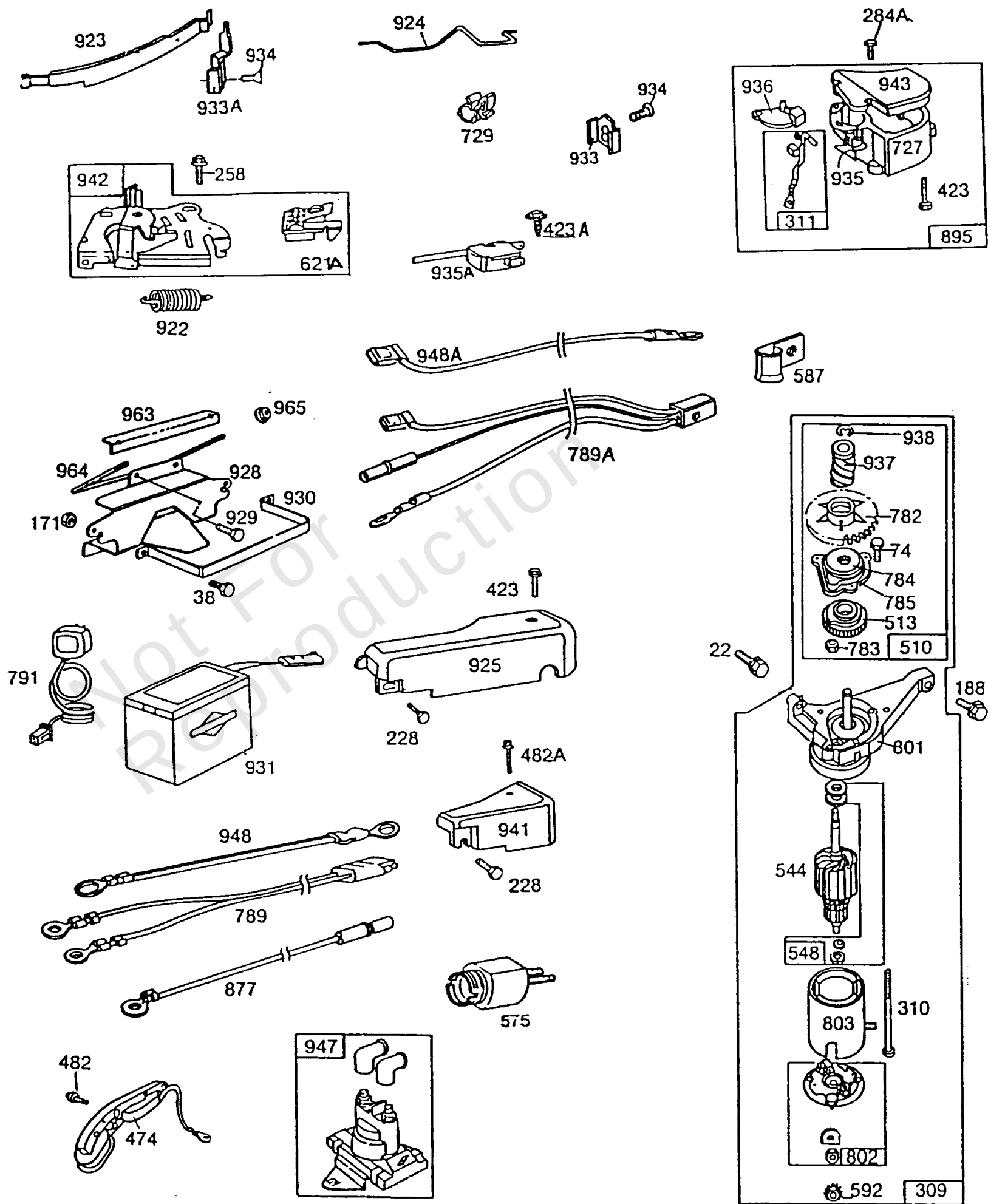
REF NO	PART NO	QTY	DESCRIPTION
935	223128		SWITCH, Interlock
988	223600		BRACKET, Muffler
1012	280414		RETAINER, Link
1019	491082		KIT, Label

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Electric Starter,Misc Elect

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	94102		SCREW
228	93758		SCREW -(Rotating Screen)
258	94018		SCREW
284A	93892		SCREW
309	395852		MOTOR, Starter -(6 Volt) (Black Insulator)
309	397863		MOTOR, Starter -(12 Volt) (White Insulator)
310	94051		SCREW
311	395728		SET, Brush
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
592	93991		NUT -(10-24)
621A	297472		SWITCH, Stop -Used Before Code Date 85032800
621A	396847		SWITCH, Stop -Used After Code Date 85032700
727	280336		GUARD, Flywheel
729	280470		CLIP, Wire
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	397637		HARNESS, Wiring -(12 Volt)
789	395624		HARNESS, Wiring -(4-1/2) (4 1/2)
789	396392		HARNESS, Wiring -(14, 6 Volt)



Electric Starter,Misc Elect

REF NO	PART NO	QTY	DESCRIPTION
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
877	396485		WIRE/CONNECTOR, Alternator -(Alternator To Solenoid)
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)
933A	223448		PIVOT, Band Brake
933	223278		SPACER -(Used on Engines Without 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	224331		BRACKET, Brake -Used with Solenoid
942	493239		BRACKET, Brake -(Non Compliance Engines)
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

Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	10T8020015	1	Replacement Engine
	-----		Top No-Load Speed: 3000 -Trim: ALL
	-----		Service Note: Replacement engine listed is not available in the State of California. Repair with individual parts.

Not For Reproduction

