

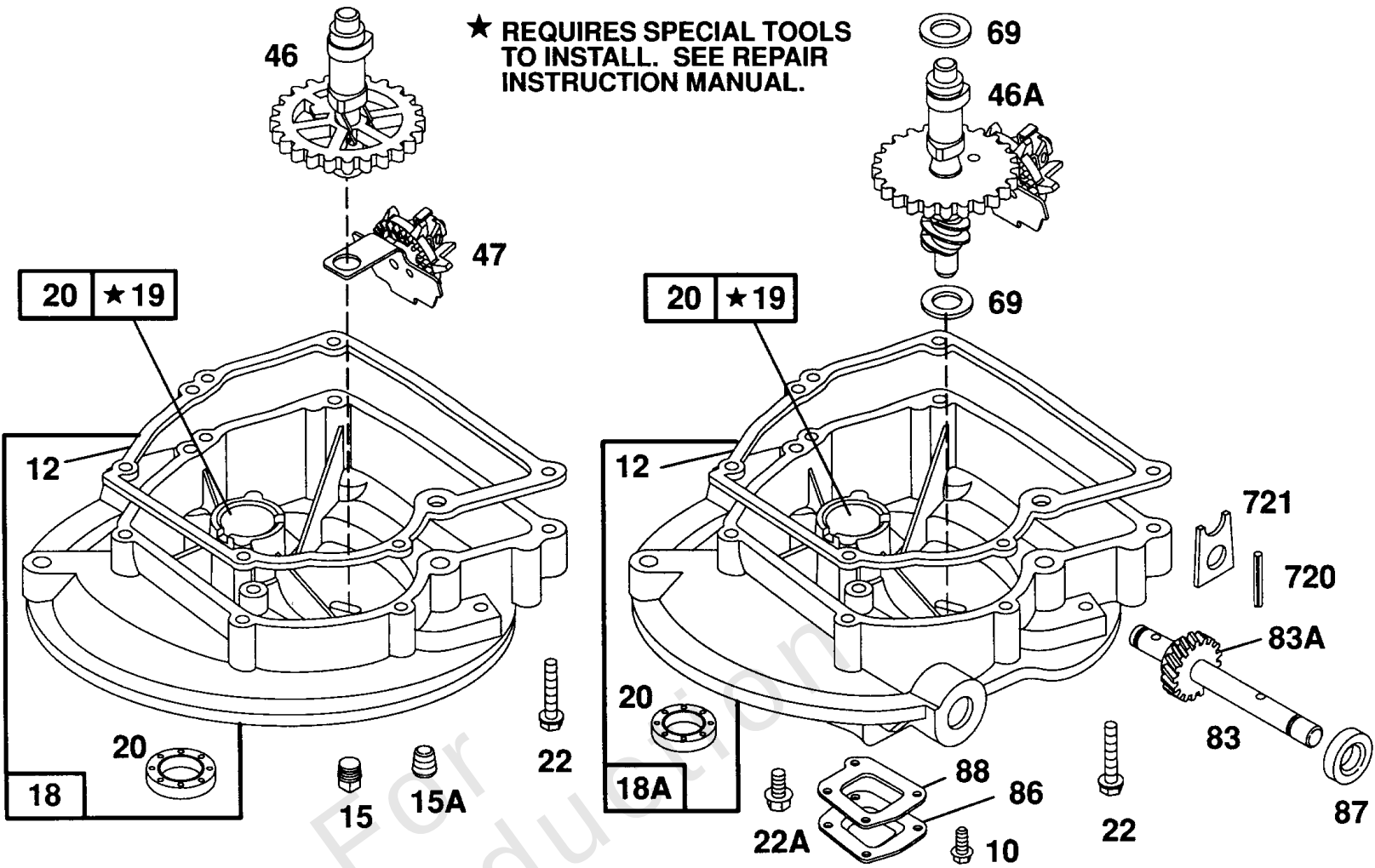


Parts Manual

Mfg. No: 093902-5505-01

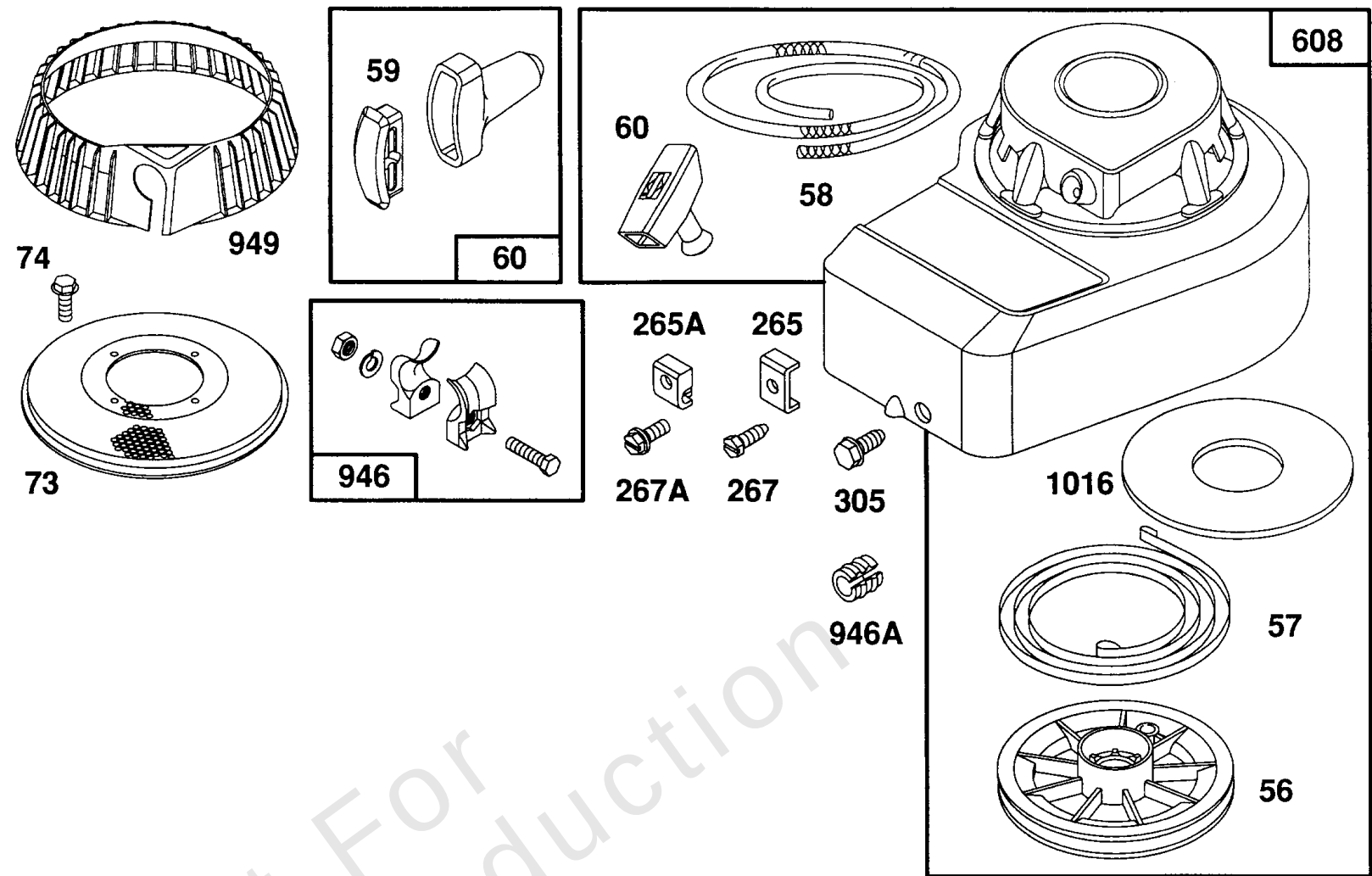
Model Components	Page
(2)Sump Bases,Right Angle Dr.	4
Blower Hsg., Rewind Assembly.	6
Carburetor Assy, Fuel Tank.	8
Control Brackets and Wires.	10
CrankShaft,Piston Grp,Elect..	12
Cylinder,CylinderHead,Guards.	16
Mufflers and Air Cleaners.	20
Replacement Engine - US & Canada.	22

Not For
Reproduction



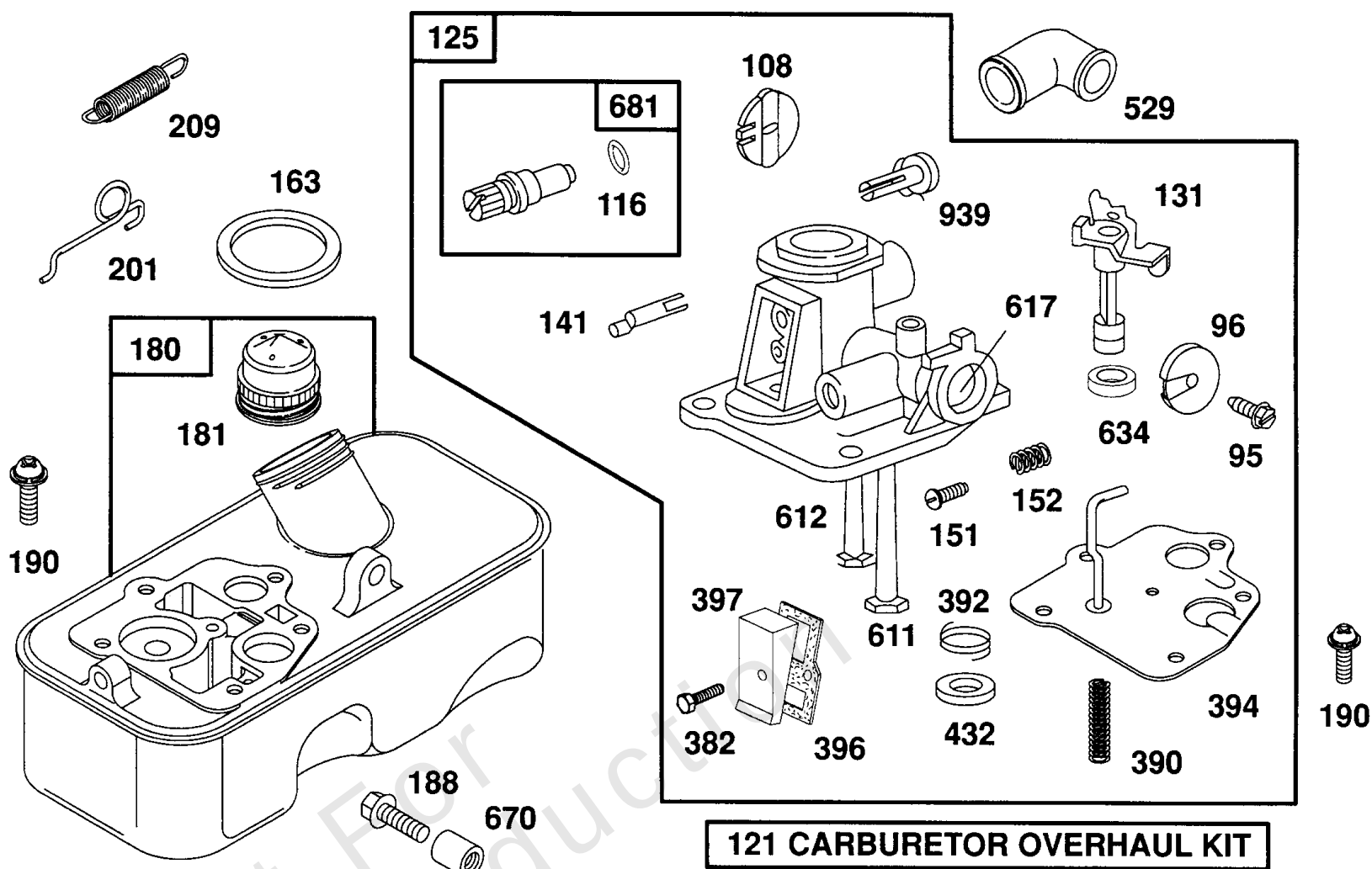
(2)Sump Bases,Right Angle Dr

REF NO	PART NO	QTY	DESCRIPTION
10	93394		SCREW
12	270833		GASKET, Crankcase -(.015) Included in Gasket Set-Part No. 298989
12	270895		GASKET, Crankcase -(.005) Included in Gasket Set-Part No. 298989
12	270896		GASKET, Crankcase -(.009) Included in Gasket Set-Part No. 298989
15A	93418		PLUG, Oil Drain -(Flush)
15	91084		PLUG, Oil Drain -(3/8)
18	395384		SUMP, Engine
19	293709		KIT, Bushing/Seal -(PTO Side)
20	391483		SEAL, Oil -Included in Gasket Set-Part No. 298989
22	93032		SCREW -(Fuel Tank) (Tank)
46A	396197		CAMSHAFT -(Clockwise)
46	491675		CAMSHAFT -(Plastic)
47	491688		SLINGER, Governor/Oil
69	68938		WASHER -(13/16 ODx17/32 ID) Use on Aux Drive PTO.Cam
83A	231278		GEAR, Drive -(Clockwise)
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. 298989
720	93474		PIN, Shaft
721	221779		STOP, Shaft



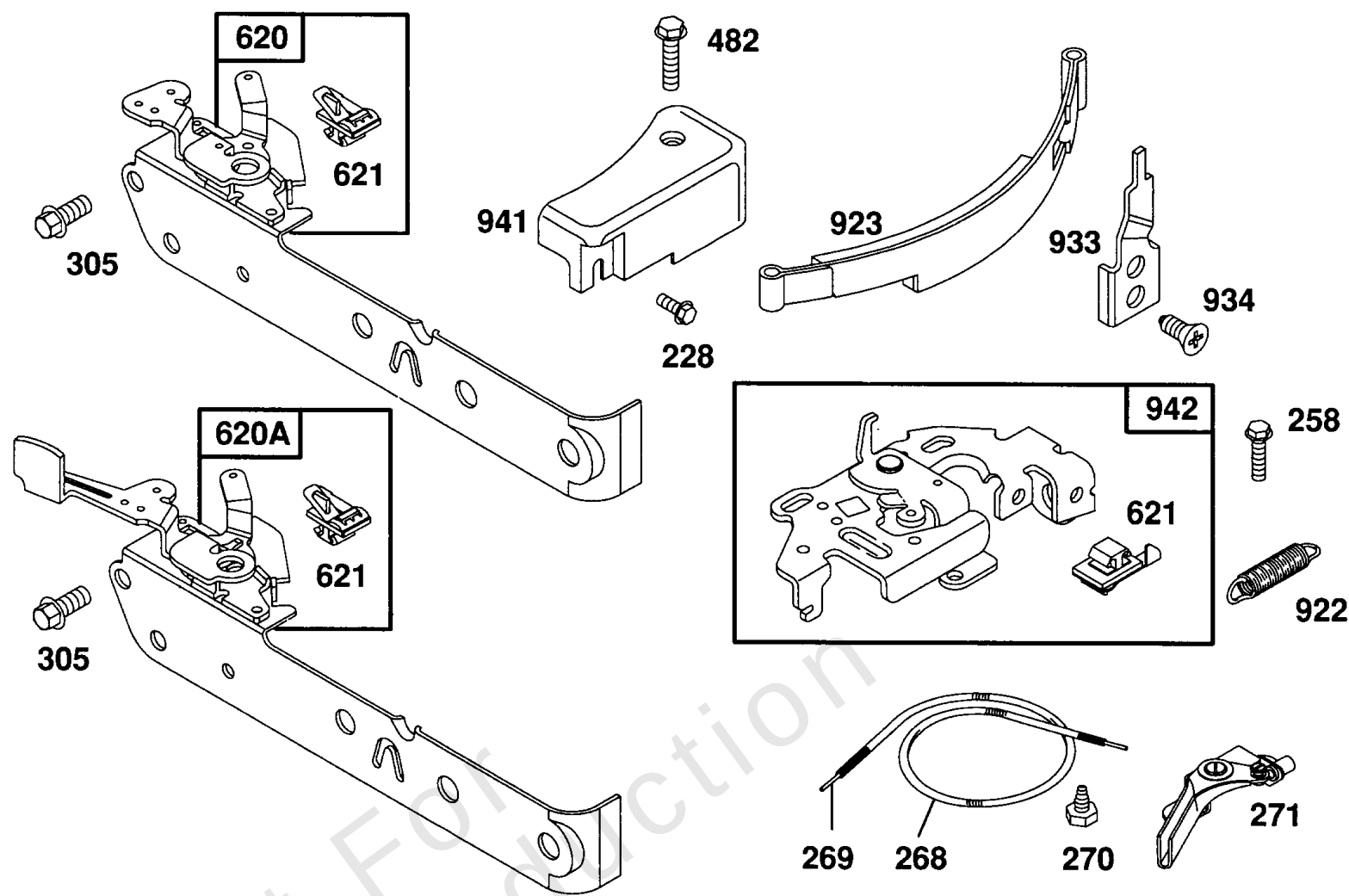
Blower Hsg., Rewind Assembly

REF NO	PART NO	QTY	DESCRIPTION
56	280439		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
59	396892		INSERT-GRIP
60	393152		GRIP-STARTER ROPE
73	221661		SCREEN, Rotating -(Rewind Starter)
74	93758		SCREW -(Rotating Screen)
265A	213146		CLAMP, Casing
265	22372		CLAMP, Casing
267A	94204		SCREW -(Casing Clamp)
267	93469		SCREW
305	94153		SCREW
608	493300		HOUSING, Blower -(12 O'clock) (Compliance Engines)
608	493469		HOUSING, Blower -(12 O'clock) (Non Compliance Engines)
608	493479		HOUSING, Blower -(5 O'clock) (Compliance Engines)
608	493481		STARTER, Rewind -(6 O'clock) (Non Compliance Engines)
608	493488		STARTER, Rewind -(3 O'clock) (Non Compliance Engines)
608	493493		STARTER, Rewind -(9 O'clock) (Compliance Engines)
608	493565		STARTER, Rewind -(9 O'clock) (Non Compliance Engines)
608	493594		STARTER, Rewind -(8 O'clock) (Non Compliance Engines)
608	493596		HOUSING, Blower -(6 O'clock) (Compliance Engines)
608	493660		STARTER, Rewind -(8 O'clock) (Compliance Engines)
608	493797		STARTER, Rewind -(1:30 O'clock) (Non Compliance Engines)
608	494143		STARTER, Rewind -(4 O'clock) (Non Compliance Engines)
608	494509		HOUSING, Blower -(5 O'clock) (Non Compliance Engines)
608	494738		HOUSING, Blower -(3 O'clock) (Compliance Engines)
946A	223294		STOP, Rope
946	396526		GUIDE, Rope -Includes: 92636 Screw-Hex. 90832 Lockwasher 92278 Nut-Hex.
949	280684		GUARD, Rewind -Used Before Code Date 91080500
949	281192		GUARD, Rewind -Used After Code Date 91080400
1016	490817		SPACER-REWIND -(Rewind)



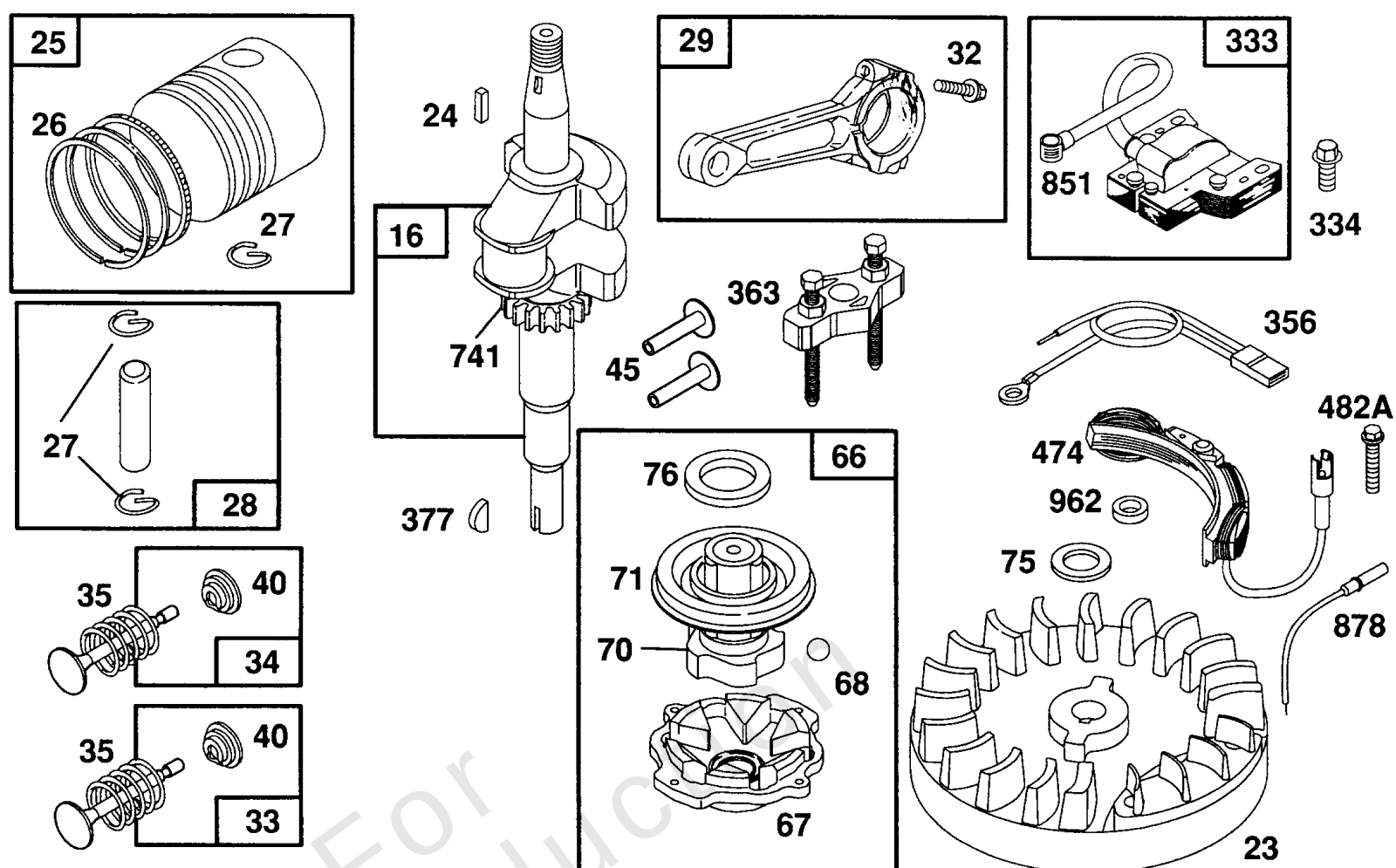
Carburetor Assy, Fuel Tank

REF NO	PART NO	QTY	DESCRIPTION
95	93499		SCREW -(Throttle Valve)
96	211237		VALVE, Throttle
108	280370		VALVE, Choke
116	280203		SEAL, O-Ring -Included in Carburetor Overhaul Kit-Part No. 494623
121	494623		KIT, Carburetor Overhaul
125	395957		CARBURETOR
131	299977		SHAFT, Throttle
141	68908		SHAFT, Choke
151	93524		SCREW -(5-40 X 1/2)
152	260746		SPRING, Throttle Return
163	271139		GASKET, Air Cleaner -(Above Spacer) Included in Gasket Set-Part No. 298989. Included in Carburetor Overhaul Kit-Part No. 494623
180	396781		TANK, Fuel
181	298425		CAP, Fuel Tank -(Metal)
188	94102		SCREW
190	93440		SCREW
201	261027		LINK, Air Vane
209	261034		SPRING, Governor -(2900 to 3100 RPM Top Speed Set-No Load)
382	93545		SCREW
390	261249		SPRING, Diaphragm
392	260455		SPRING, Pump Diaphragm
394	391681		DIAPHRAGM, Carburetor -Included in Carburetor Overhaul Kit-Part No. 494623
396	270571		GASKET, Choke Cover -Included in Carburetor Overhaul Kit-Part No. 494623
397	211678		COVER, Choke Link
432	221377		CAP, Spring
529	280368		GROMMET -(Breather)
611	297219		TUBE, Pick Up -(2 5/8)
612	296811		TUBE, Pick Up
617	270344		SEAL, O-Ring -(Intake Manifold) Included in Carburetor Overhaul Kit-Part No. 494623
634	270167		SEAL, Choke/Throttle Shaft -(Felt)
670	94038		SPACER, Fuel Tank -(Compliance Engines)
670	94047		SPACER, Fuel Tank -(Non Compliance Engines)
681	395508		VALVE, High Speed -(Nylon Body) Included in Carburetor Overhaul Kit-Part No. 494623
939	395665		SHAFT, Auto Choke -(Includes Spring)



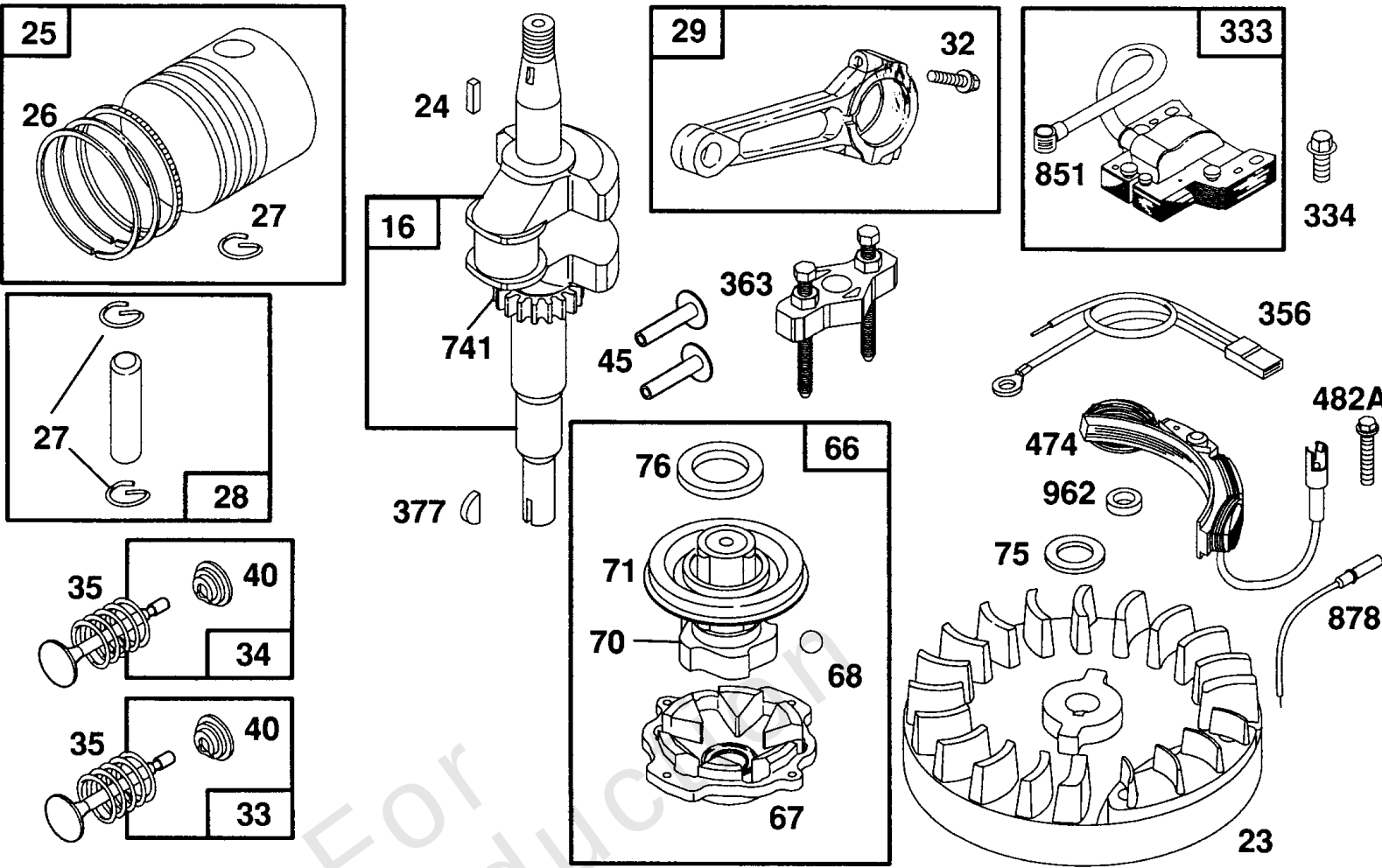
Control Brackets and Wires

REF NO	PART NO	QTY	DESCRIPTION
228	93758		SCREW -(Rotating Screen)
258	94018		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
305	94153		SCREW
482	93621		SCREW -(Tapping)
620A	299975		BRACKET, Control
620	299974		BRACKET, Control
621	396847		SWITCH, Stop
922	261647		SPRING, Governor -(Return)
923	394867		PIVOT, Band Brake
933	223448		PIVOT, Band Brake
934	94037		SCREW
941	280395		COVER, Linkage
942	493248		BRACKET, Brake



CrankShaft,Piston Grp,Elect.

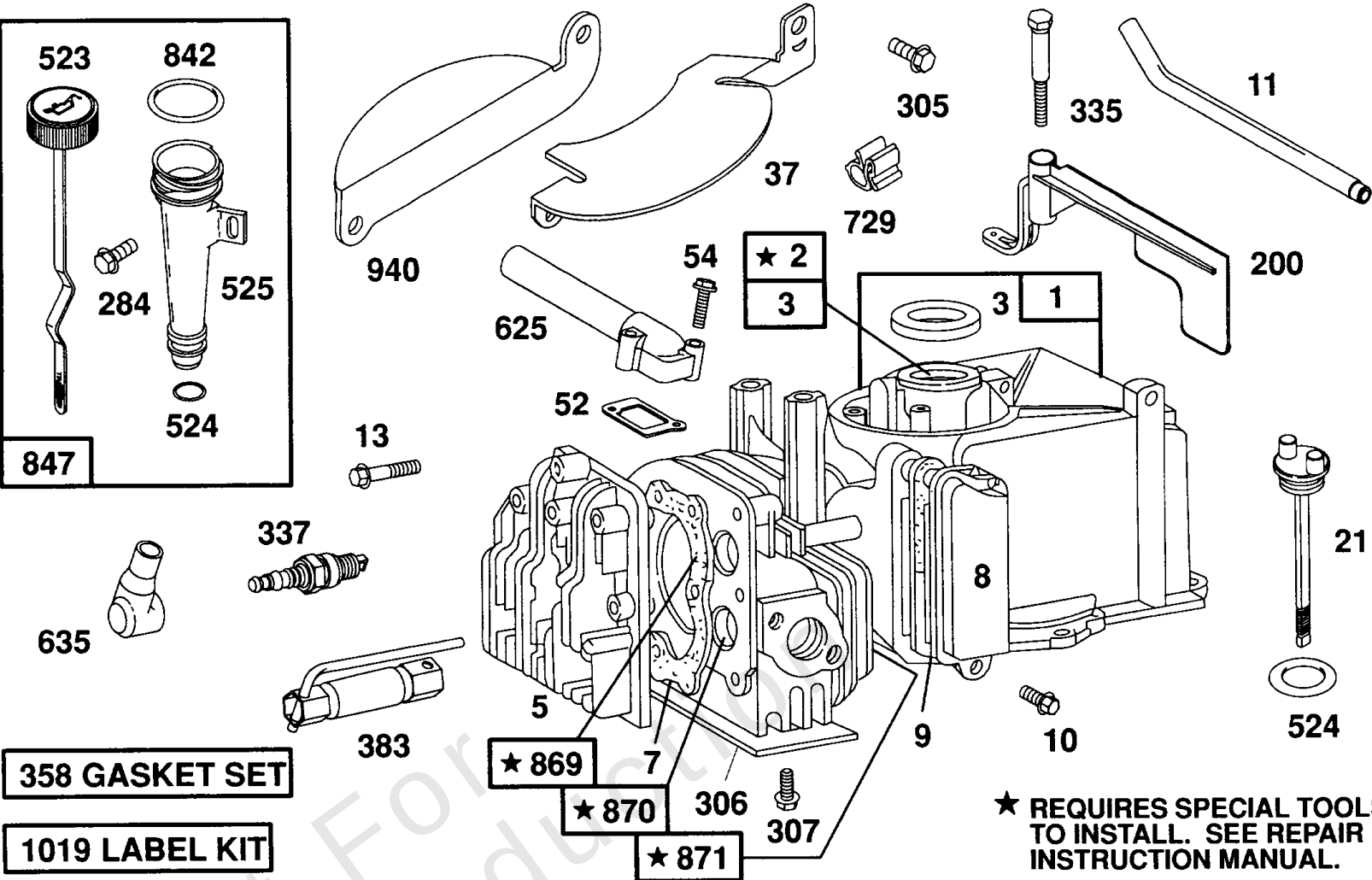
REF NO	PART NO	QTY	DESCRIPTION
16	492086		CRANKSHAFT
23	395653		FLYWHEEL
24	222698		KEY, Flywheel
25	298904		PISTON ASSEMBLY -(Standard)
25	298905		PISTON ASSEMBLY -(.010 Oversize)
25	298906		PISTON ASSEMBLY -(.020 Oversize)
25	298907		PISTON ASSEMBLY -(.030 Oversize)
26	298982		RING SET-STD -(Standard)
26	298983		SET, Ring -(.010 Oversize)
26	298984		RING SET-020 -(.020 Oversize)
26	298985		SET, Ring -(.030 Oversize)
27	26026		LOCK, Piston Pin
28	298908		PIN, Piston -(.005 Oversize)
28	298909		PIN. Piston
29	294201		ROD, Connecting -For Connecting Rod with .020 Undersize Crankpin Bore-Order No. 296079
32	94404		SCREW -(Connecting Rod)
33	296676		VALVE, Exhaust -(Grooved Stem-Includes Retainer)
34	296677		VALVE, Intake -(Grooved stem-includes Retainer)
35	260552		SPRING, Valve -(Exhaust)
40	93312		RETAINER, Valve -(Valves With Groove In Stem)
45	230173		TAPPET, Valve
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	394506		COVER, Ratchet -(Rubber Coated)
75	223047		WASHER -(Flywheel)
76	68238		SEAL, Ratchet
333	398593		ARMATURE, Magneto -(Magnetron Ignition)
334	93381		SCREW
356	398808		WIRE, Stop -(Cut To Required Length)
363	19069		PULLER, Flywheel
377	93065		KEY, Woodruff -(#6)
474	397880		ALTERNATOR
482A	94016		SCREW
741	261533		GEAR, Timing -(Plain Bearing 2 Piece Crankshaft)



CrankShaft,Piston Grp,Elect.

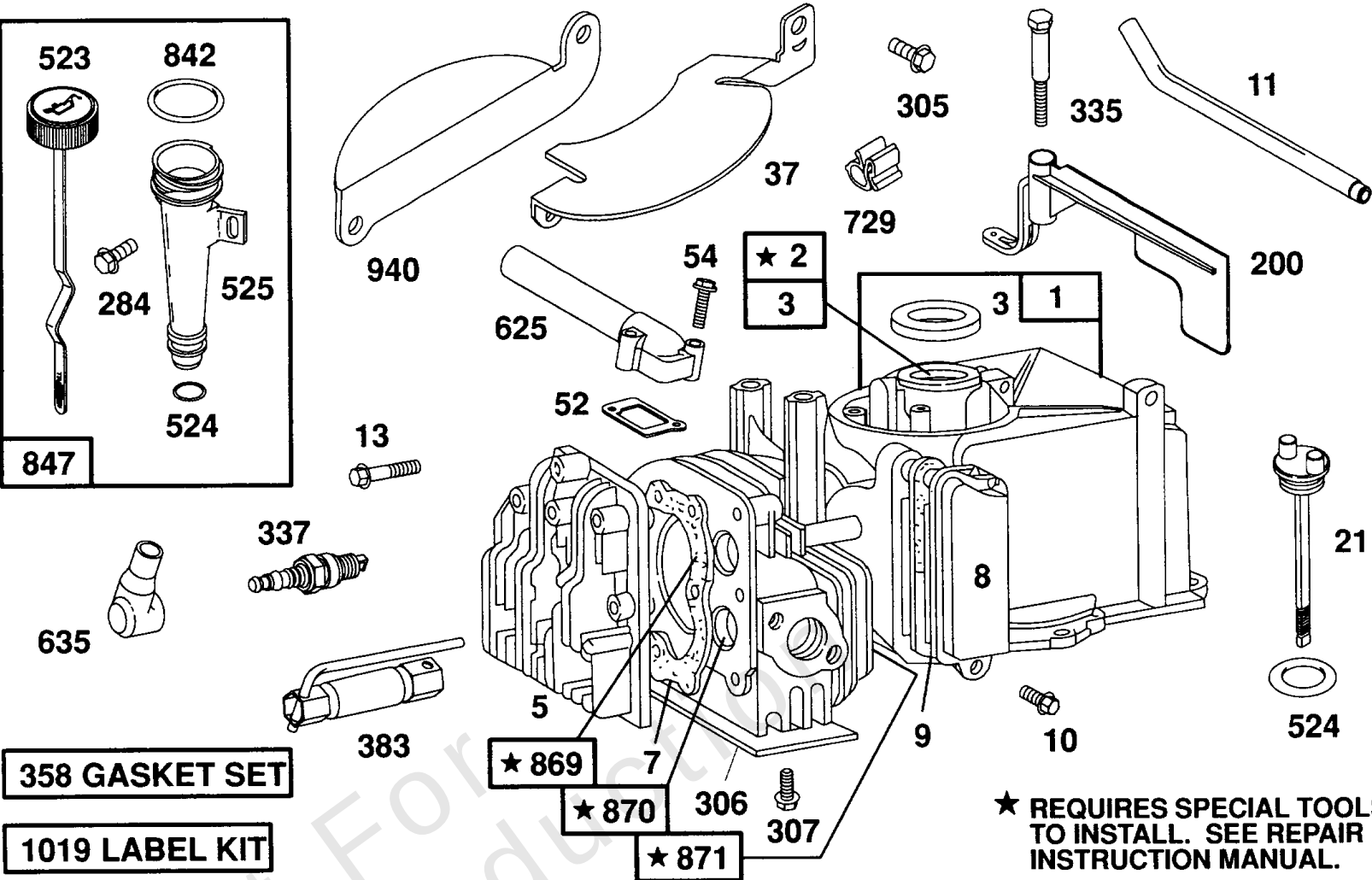
REF NO	PART NO	QTY	DESCRIPTION
851	221798		TERMINAL, Spark Plug
878	393422		WIRE ASSEMBLY -(Dc Only)
962	231277		BUSHING, Alternator

Not For Reproduction



Cylinder, Cylinder Head, Guards

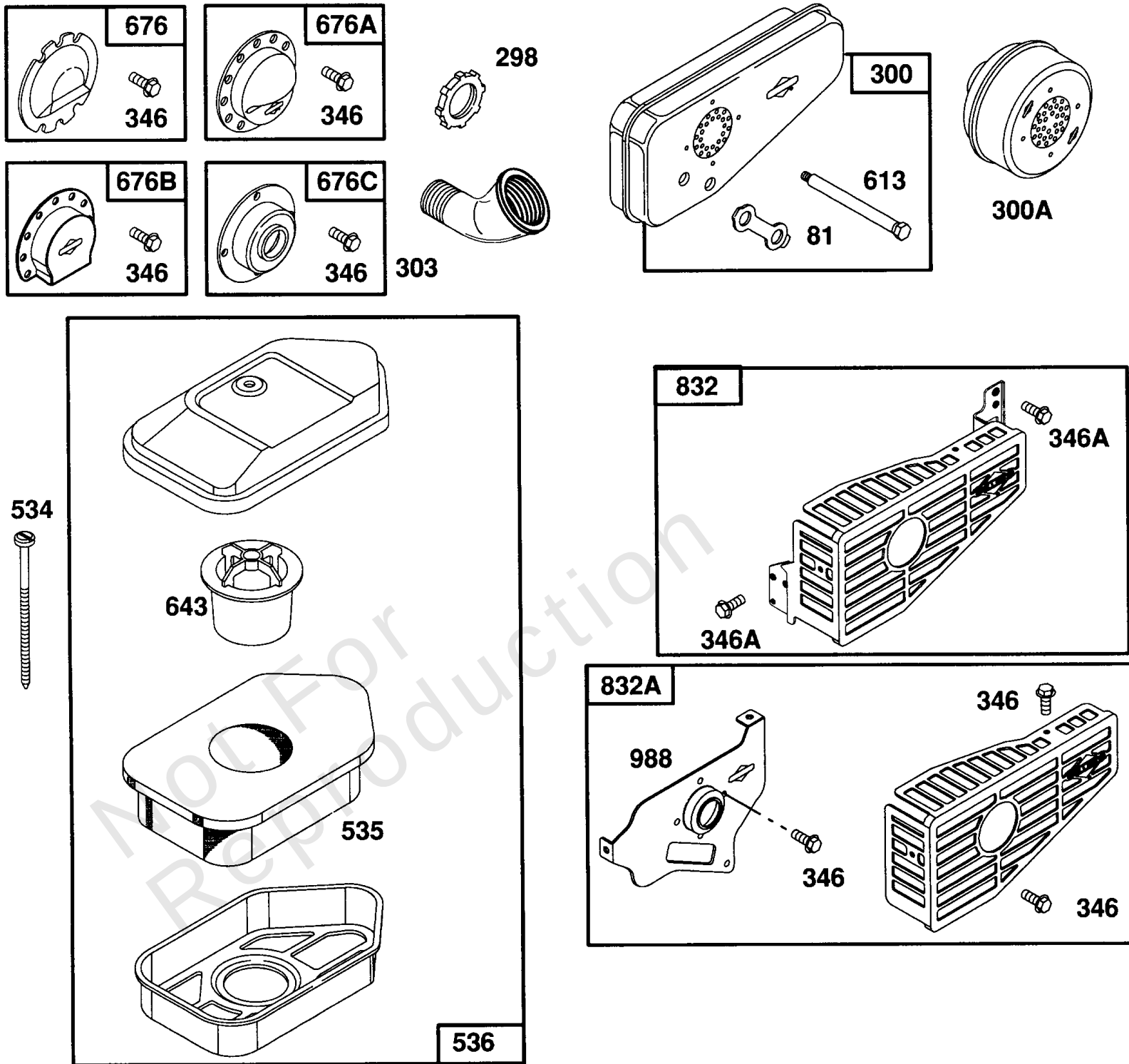
REF NO	PART NO	QTY	DESCRIPTION
1	399164		CYLINDER ASSEMBLY -(Air Vane)
2	293708		KIT, Bushing/Seal -(Plain Bearing)
3	299819		SEAL, Oil -(Plain Bearing) Included in Gasket Set-Part No. 298989
5	211479		HEAD, Cylinder
5	213942		HEAD, Cylinder -Used on Engines with Muffler Guard Used on Engines With Muffler Guard.
7	272170		GASKET, Cylinder Head -Included in Gasket Set-Part No. 298989
8	298383		BREATHER ASSEMBLY
9	270239		GASKET, Rocker Cover -Included in Gasket Set-Part No. 298989
10	93394		SCREW
11	231272		TUBE, Breather
13	93111		SCREW -(15/16)
13	93772		STUD -(15/16)
21	280485		PLUG
37	223150		GUARD, Flywheel -(Muffler Side)
52	270345		GASKET, Intake -Included in Gasket Set-Part No. 298989
54	93485		SCREW
200	68388		BLADE, Governor
284	94073		SCREW
305	94153		SCREW
306	221805		SHIELD, Cylinder
307	93758		SCREW -(Rotating Screen)
335	93435		SCREW
337	293918		PLUG, Spark
337	298809		PLUG, Spark
337	492167		PLUG, Spark
337	802592		PLUG, Spark -(Resistor)
358	298989		GASKET SET, Engine
383	89838		WRENCH, Spark Plug
523	396372		DIPSTICK/CAP ASSEMBLY
524	271485		SEAL, O-Ring -(Oil Fill) Included in Gasket Set-Part No. 298989
525	280578		TUBE, Dipstick
625	298775		MANIFOLD, Intake
635	66538		BOOT, Spark Plug
729	280470		CLIP, Wire
842	270920		SEAL, O-Ring -(Dipstick Tube) (Oil Fill)
847	399030		TUBE, Dipstick
869	211172		SEAT, Valve -(Intake)
870	211291		SEAT, Valve -(Exhaust)
871	231348		BUSHING-VALVE GUIDE -(Exhaust)



Cylinder,CylinderHead,Guards

REF NO	PART NO	QTY	DESCRIPTION
871	63709		BUSHING, Valve Guide -(Intake)
940	222403		GUARD, Flywheel
1019	491082		KIT, Label

Not For Reproduction



Mufflers and Air Cleaners

REF NO	PART NO	QTY	DESCRIPTION
81	223256		LOCK, Rod Screw
298	220859		LOCKNUT -(Muffler and Elbow)
300A	394569		MUFFLER -(Lo Tone)
300	394644		MUFFLER
303	92989		MANIFOLD, Exhaust -(45 Degree)
346A	94602		SCREW -(Spark Arrestor)
346	93705		SCREW -(8-32 X 3/8)
534	93865		SCREW -(Air Cleaner)
535	272235		FILTER, Air Cleaner Foam
536	493492		CLEANER, Air
613	93935		SCREW -(Muffler)
643	280972		SUPPORT, Foam Element
676A	396548		DEFLECTOR, Muffler
676B	393760		DEFLECTOR, Muffler
676C	397931		DEFLECTOR, Muffler
676	393756		DEFLECTOR, Muffler -(Side Outlet)
832A	493967		GUARD, Muffler
832	494896		GUARD, Muffler
988	223600		BRACKET, Muffler

Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	10T8020016	1	Replacement Engine
	-----		Top No-Load Speed: 3200 -Trim: ALL
	-----		Service Note: Replacement engine listed is not available in the State of California. Repair with individual parts.

Not For Reproduction

