

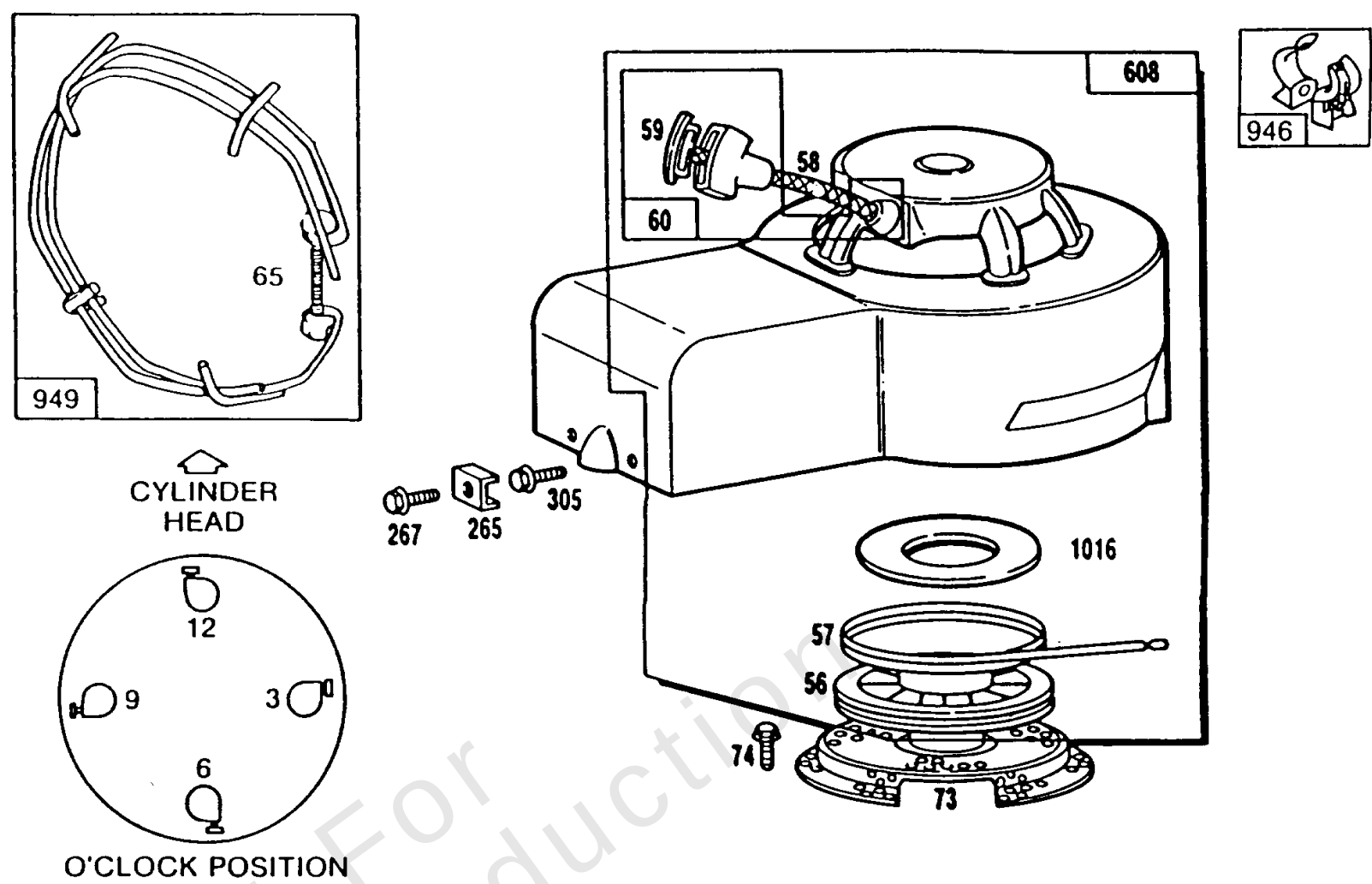


Parts Manual

Mfg. No: 112902-3911-01

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Not For
Reproduction



**REWIND STARTER ASSEMBLIES FOR
NON-BAND BRAKE ENGINES**

CLOCK POSITIONS			
1:30	5	6	12
			396532

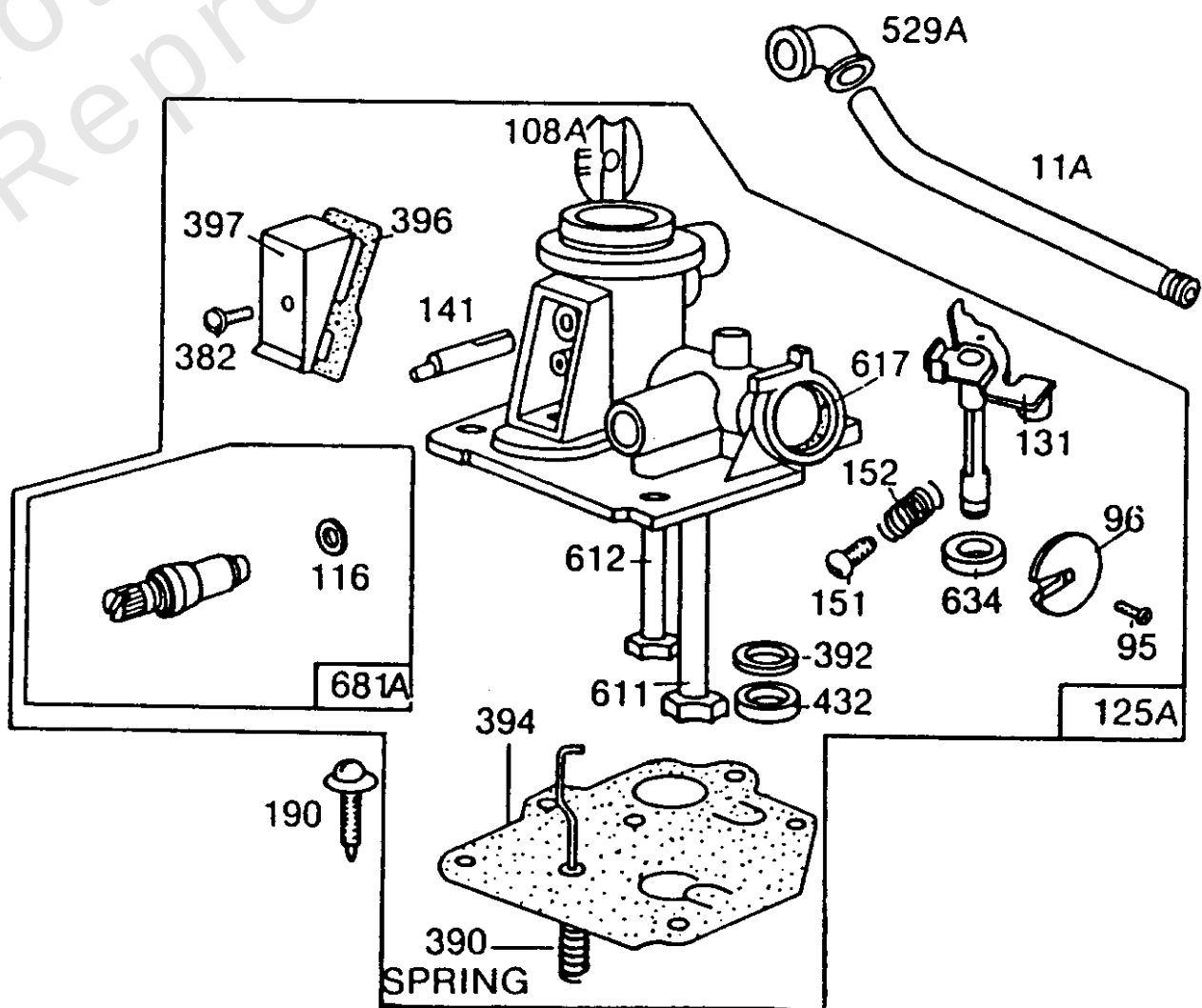
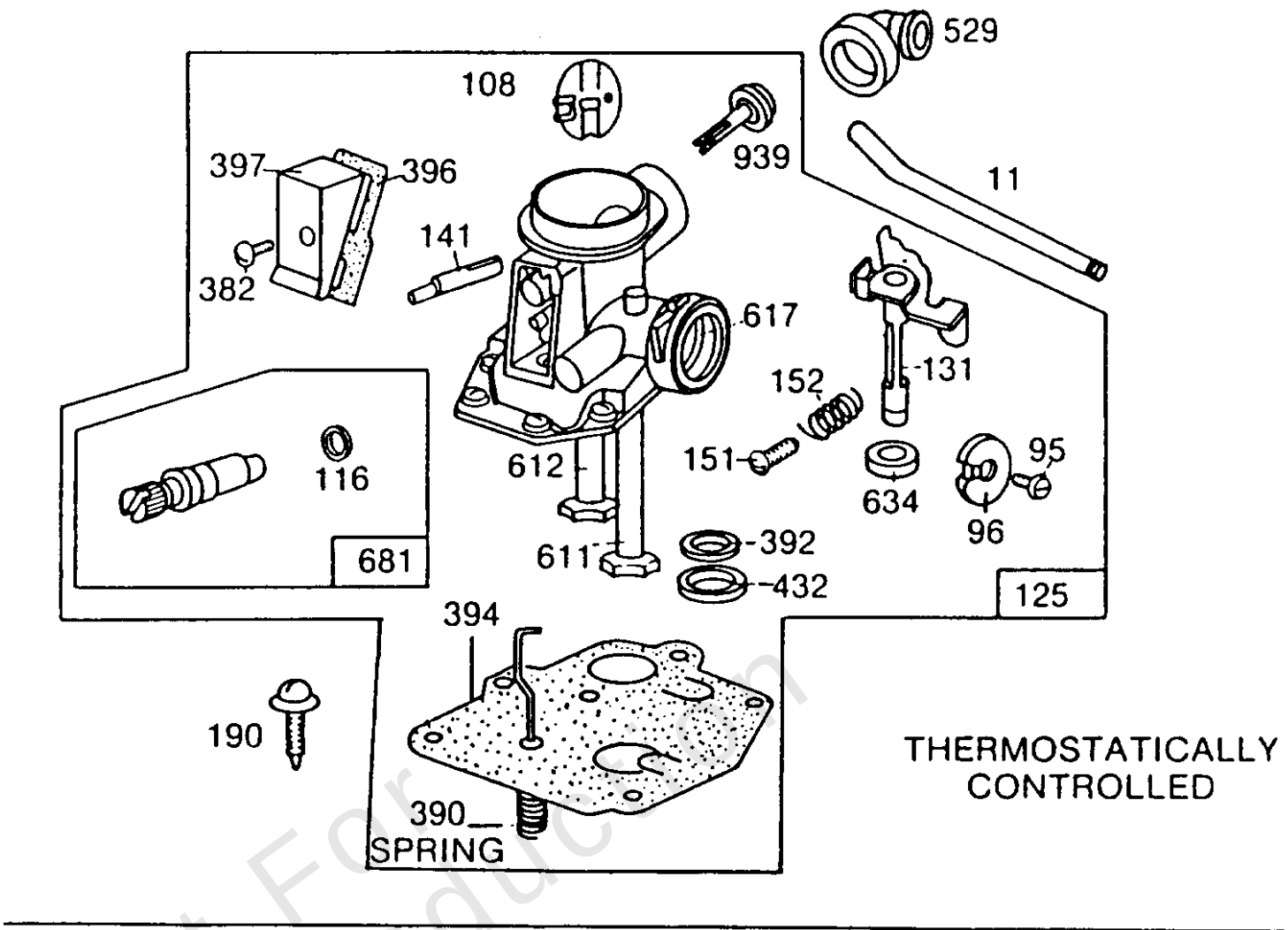
**REWIND STARTER ASSEMBLIES FOR
BAND BRAKE**

CLOCK POSITIONS			
1:30	5	6	12
	396674	*396413	*396673

*See Text for Specials.

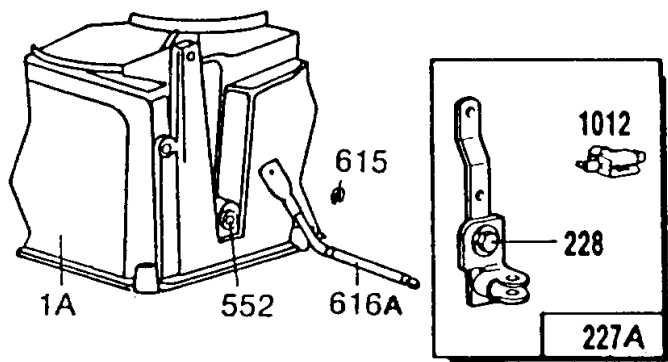
Blower Hsgs,Rewind

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
65	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	396017		STARTER, Rewind -(12 O'clock)
946	396526		GUIDE, Rope
949	396579		GUARD, Debris Screen -(Includes Mounting Hardware)
1016	490817		SPACER-REWIND -(Rewind)

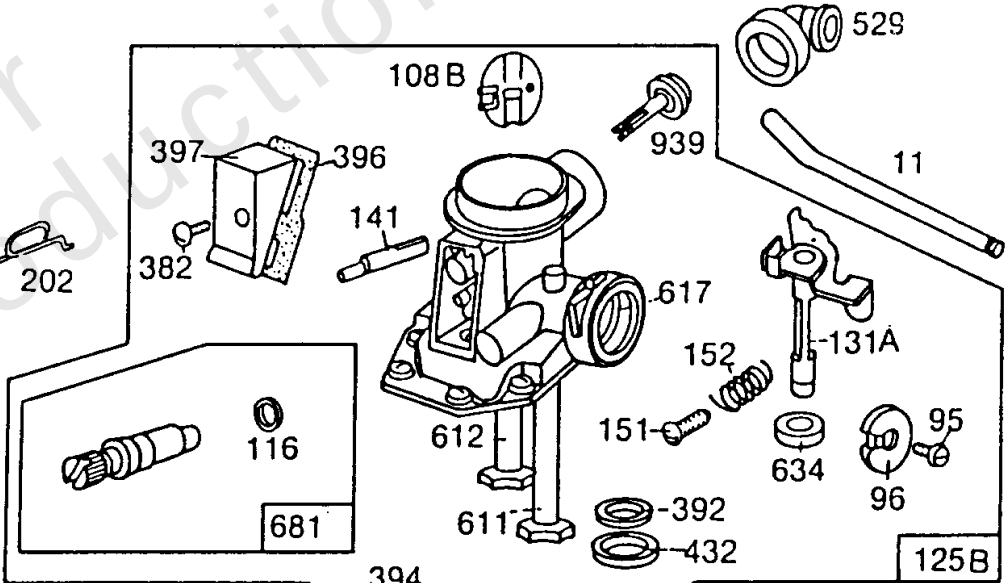
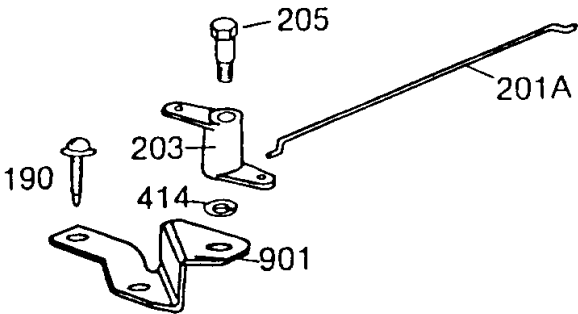
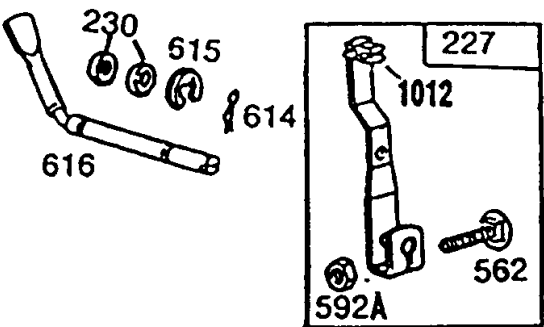


Carburetor Assemblies

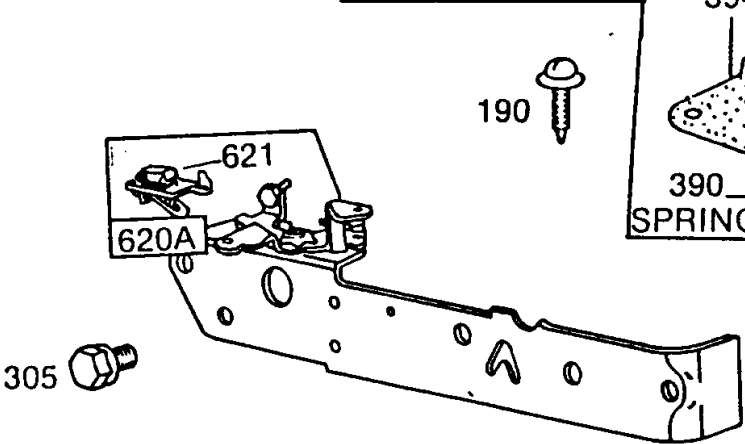
REF NO	PART NO	QTY	DESCRIPTION
11A	231043		TUBE, Breather
11	231292		TUBE, Breather
95	93499		SCREW -(Throttle Valve)
96	211237		VALVE, Throttle
108A	280178		VALVE, Choke
108	280370		VALVE, Choke
116	280203		SEAL, O-Ring -(Fuel Shut Off)
125A	395957		CARBURETOR
125	395957		CARBURETOR
131	299977		SHAFT, 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	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)
681A	393451		KIT, Needle Valve -(Plastic Body)
681	395508		VALVE, High Speed -(Nylon Body)
939	395665		SHAFT, Auto Choke -(Includes Spring)



SPECIAL PARTS FOR 3900 SERIES.
(MECHANICAL GOVERNOR)

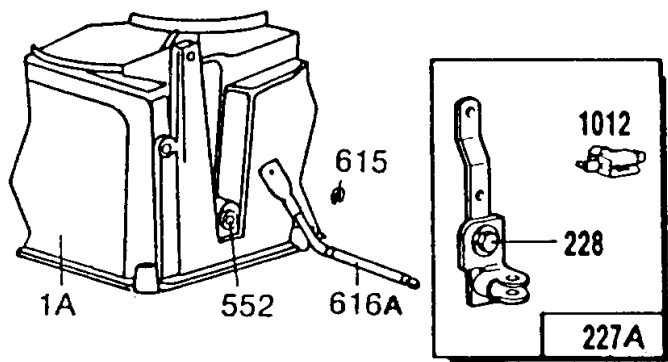


THERMOSTATICALLY
CONTROLLED

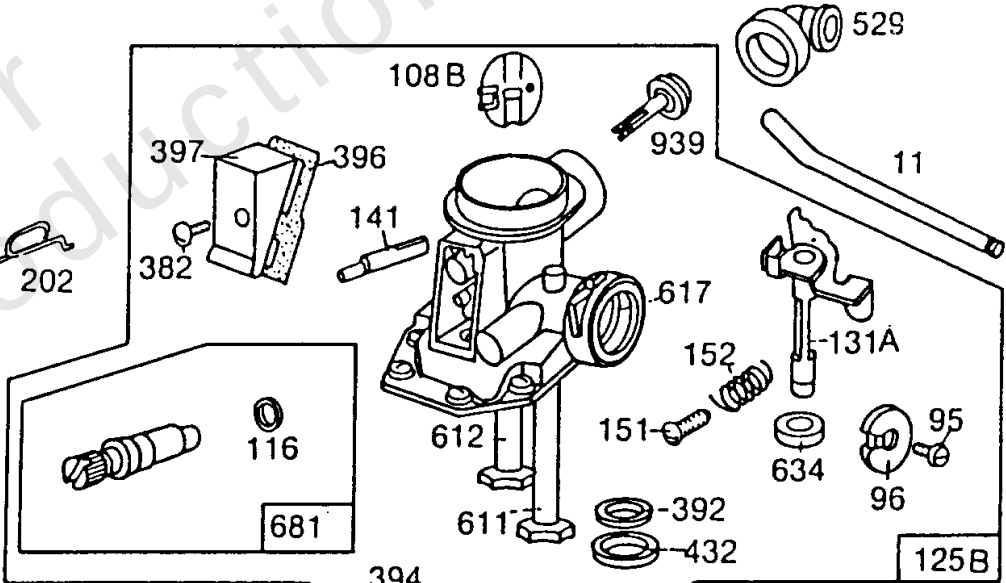
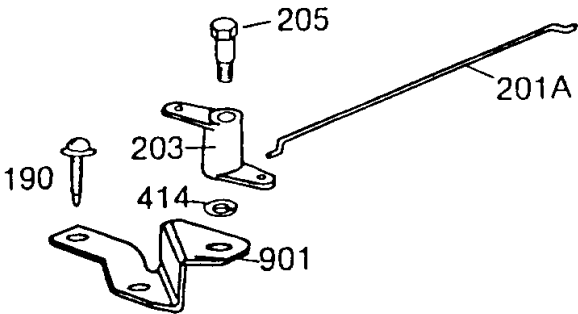
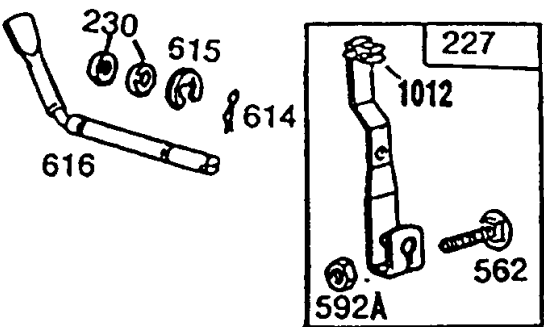


Carburetor Assy,Control Brkt

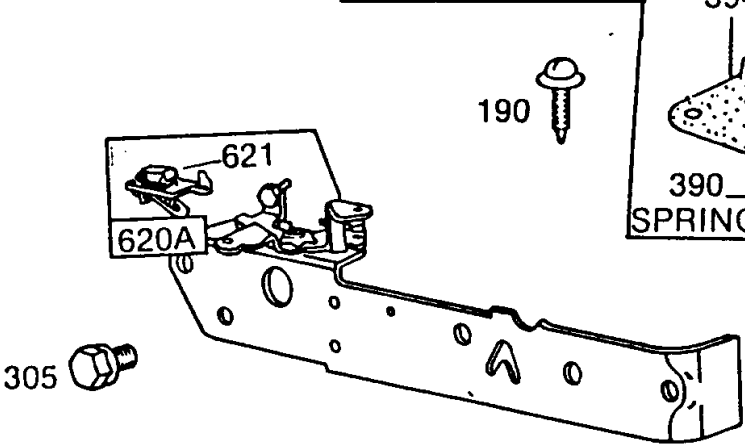
REF NO	PART NO	QTY	DESCRIPTION
1A	399162		CYLINDER ASSEMBLY -(Mechanical Governor)
11	231292		TUBE, Breather
95	93499		SCREW -(Throttle Valve)
96	211237		VALVE, Throttle
108B	280429		VALVE, Choke
116	280203		SEAL, O-Ring -(Fuel Shut Off)
125B	397180		CARBURETOR
131A	394035		SHAFT, Throttle -(Mechanical 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	491481		LEVER, Governor Control -Used Before Code Date 88011100
227	491482		LEVER, Governor Control -Used After Code Date 88011000
228	93490		SCREW -(Rotating Screen)
230	220680		WASHER
305	94153		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
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.)
562	92613		BOLT -(Governor Lever)
592A	231082		NUT -(Governor Control)
611	297219		TUBE, Pick Up -(2 5/8)



SPECIAL PARTS FOR 3900 SERIES.
(MECHANICAL GOVERNOR)

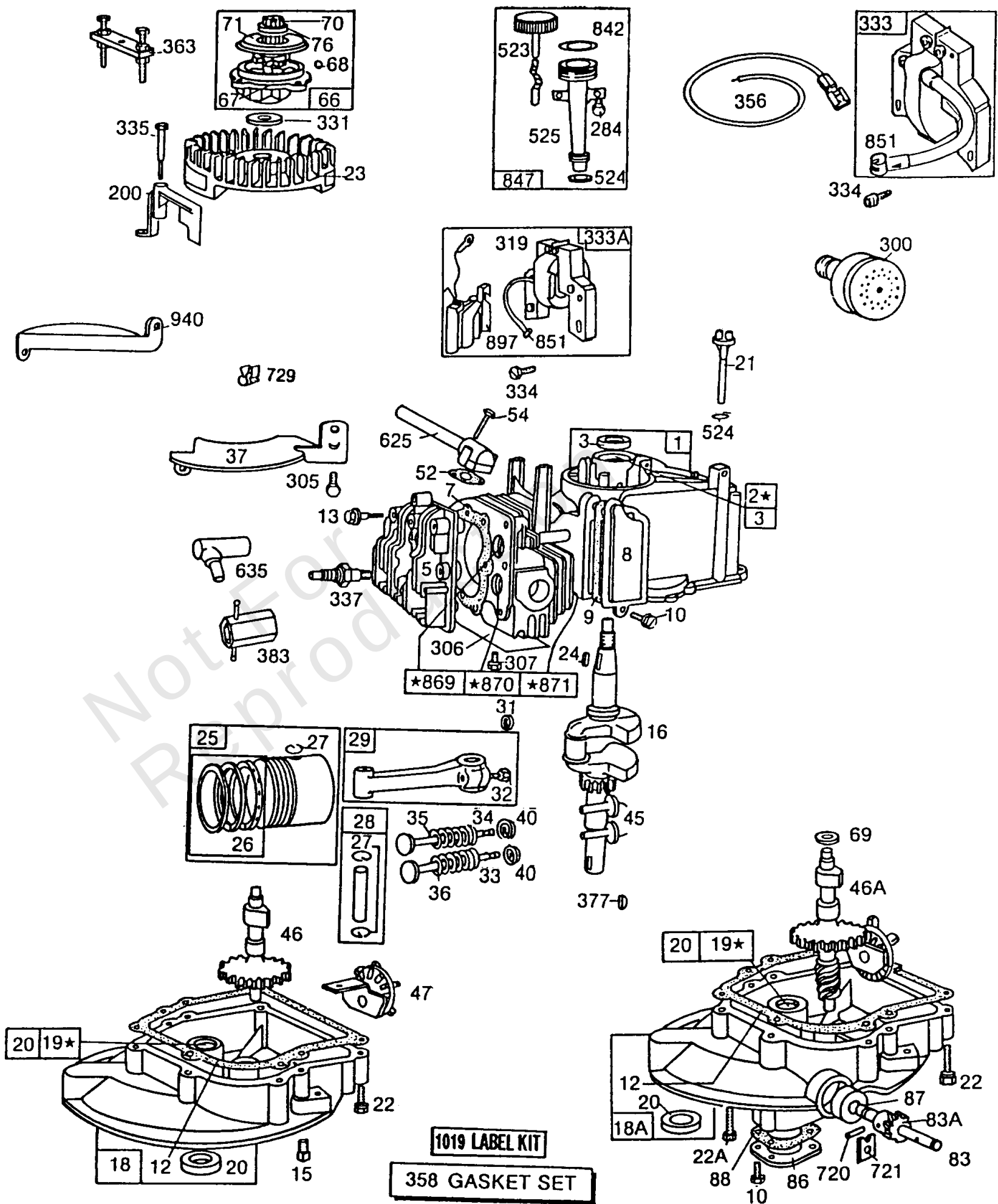


THERMOSTATICALLY
CONTROLLED



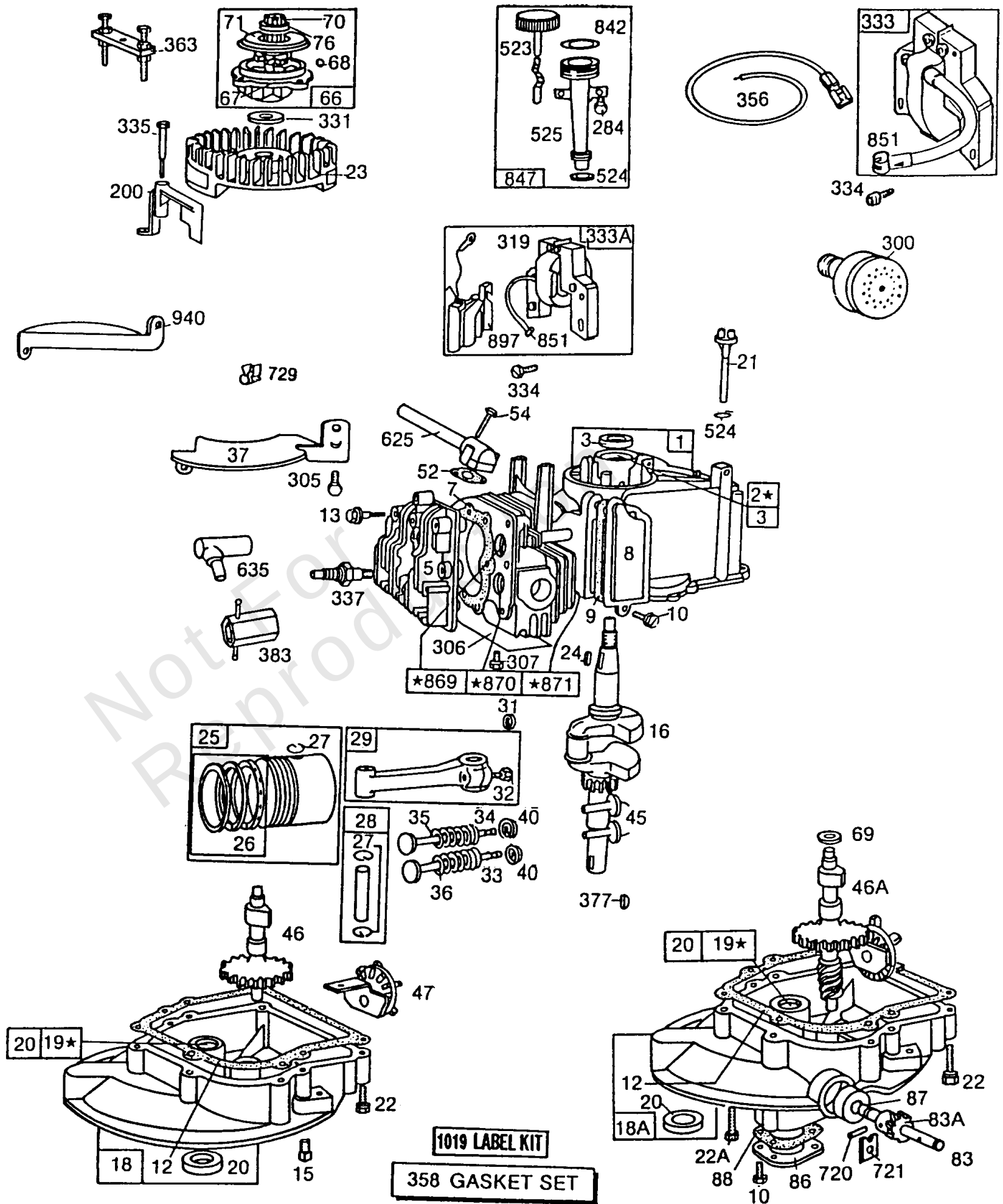
Carburetor Assy,Control Brkt

REF NO	PART NO	QTY	DESCRIPTION
612	296811		TUBE, Pick Up
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
617	270344		SEAL, O-Ring -(Intake Manifold)
620A	394642		BRACKET, Control -(Remote Control)
621	297472		SWITCH, Stop -Used Before Code Date 85032700
621	396847		SWITCH, Stop -Used After Code Date 85032700
634	270167		SEAL, Choke/Throttle Shaft -(Felt)
681	395508		VALVE, High Speed -(Nylon Body)
901	480818		BRACKET, Link
939	395665		SHAFT, Auto Choke -(Includes Spring)
1012	280414		RETAINER, Link



Cylinder, Sump Bases, Oil Fill

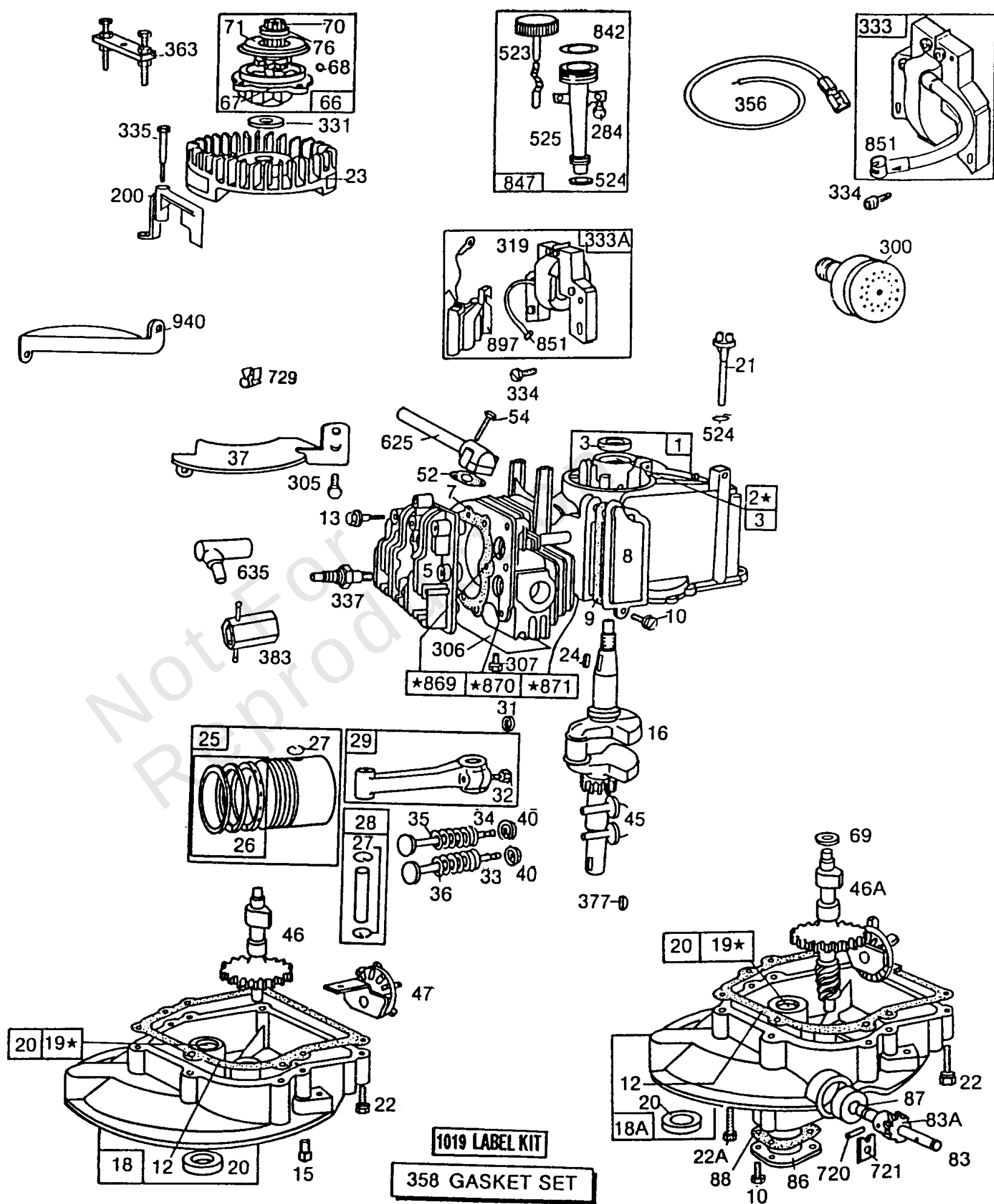
REF NO	PART NO	QTY	DESCRIPTION
1	397611		CYLINDER ASSEMBLY -Used Before Code Date 85080100
1	399165		CYLINDER ASSEMBLY -Used After Code Date 85073100
2	293708		KIT, Bushing/Seal -(Plain Bearing)
3	299819		SEAL, Oil -(Plain Bearing)
5	211851		HEAD, Cylinder
7	270836		GASKET, Cylinder Head -Included in Gasket Set-Part No. 391662
8	298383		BREATHER ASSEMBLY
9	270239		GASKET, Rocker Cover -Included in Gasket Set-Part No. 391662
10	93394		SCREW
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
13	93111		SCREW -(15/16)
15	91084		PLUG, Oil Drain -(3/8)
16	492093		CRANKSHAFT -To Replace Crankshaft Gear Pin, Order Part No. 230978
18	395384		SUMP, Engine
19	293709		KIT, Bushing/Seal -(PTO Side)
20	391483		SEAL, Oil -(PTO Side)
21	280381		PLUG -Used Before Code Date 85080100
21	280485		PLUG -Used After Code Date 85073100
22	93032		SCREW -(Fuel Tank) (Tank)
23	395653		FLYWHEEL
24	222698		KEY, Flywheel
25	396455		PISTON ASSEMBLY -(Standard)
25	396456		PISTON ASSEMBLY -(.010 Oversize)
25	396457		PISTON ASSEMBLY -(.020 Oversize)
25	396458		PISTON ASSEMBLY -(.030 Oversize)
26	392330		SET, Ring -(Standard)
26	396459		SET, Ring -(Standard)
26	396460		SET, Ring -(.010 Oversize)
26	396461		SET, Ring -(.020 Oversize)
26	396462		SET, Ring -(.030 Oversize)
27	26026		LOCK, Piston Pin



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

Cylinder,Sump Bases,Oil Fill

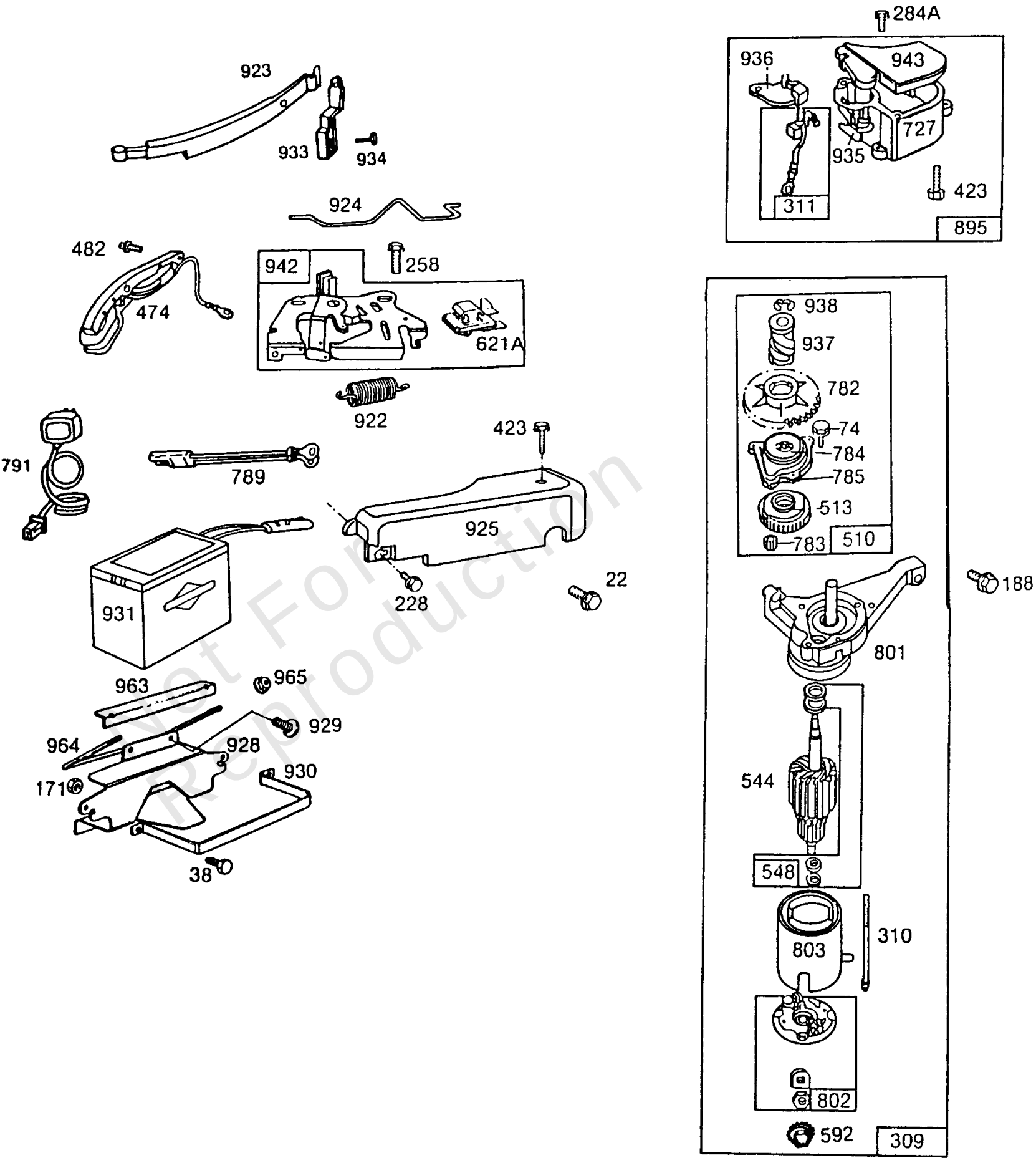
REF NO	PART NO	QTY	DESCRIPTION
28	391649		PIN, Piston -(Standard)
28	394861		PIN, Piston -(.005 Oversize)
29	391640		ROD, Connecting -For Connecting Rod with .020 undersize Crankpin Bearing-Order No. 393710
31	222282		WASHER
32	94405		SCREW -(Connecting Rod)
33	212004		VALVE, Exhaust
34	261233		VALVE, Intake
35	260552		SPRING, Valve -(Exhaust)
36	26478		SPRING, Valve -(Exhaust)
37	223150		GUARD, Flywheel -(Muffler Side)
40	93312		RETAINER, Valve -(Valves With Groove In Stem)
45	261250		TAPPET, Valve
46A	396052		CAMSHAFT -(Clockwise)
46	395856		CAMSHAFT
47	394044		GEAR, Governor
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
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
70	298436		RATCHET, Clutch
71	221653		WASHER
71	394506		COVER, Ratchet -(Rubber Coated)
76	68238		SEAL, Ratchet
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
200	68388		BLADE, Governor
284	94073		SCREW
300	394569		MUFFLER -(Lo Tone)
305	94153		SCREW
306	222394		SHIELD, Cylinder
307	93490		SCREW -(Rotating Screen)
319	298502		ARMATURE, Magneto -(Points And Condenser)



***SPECIAL TOOLS REQUIRED TO INSTALL.**
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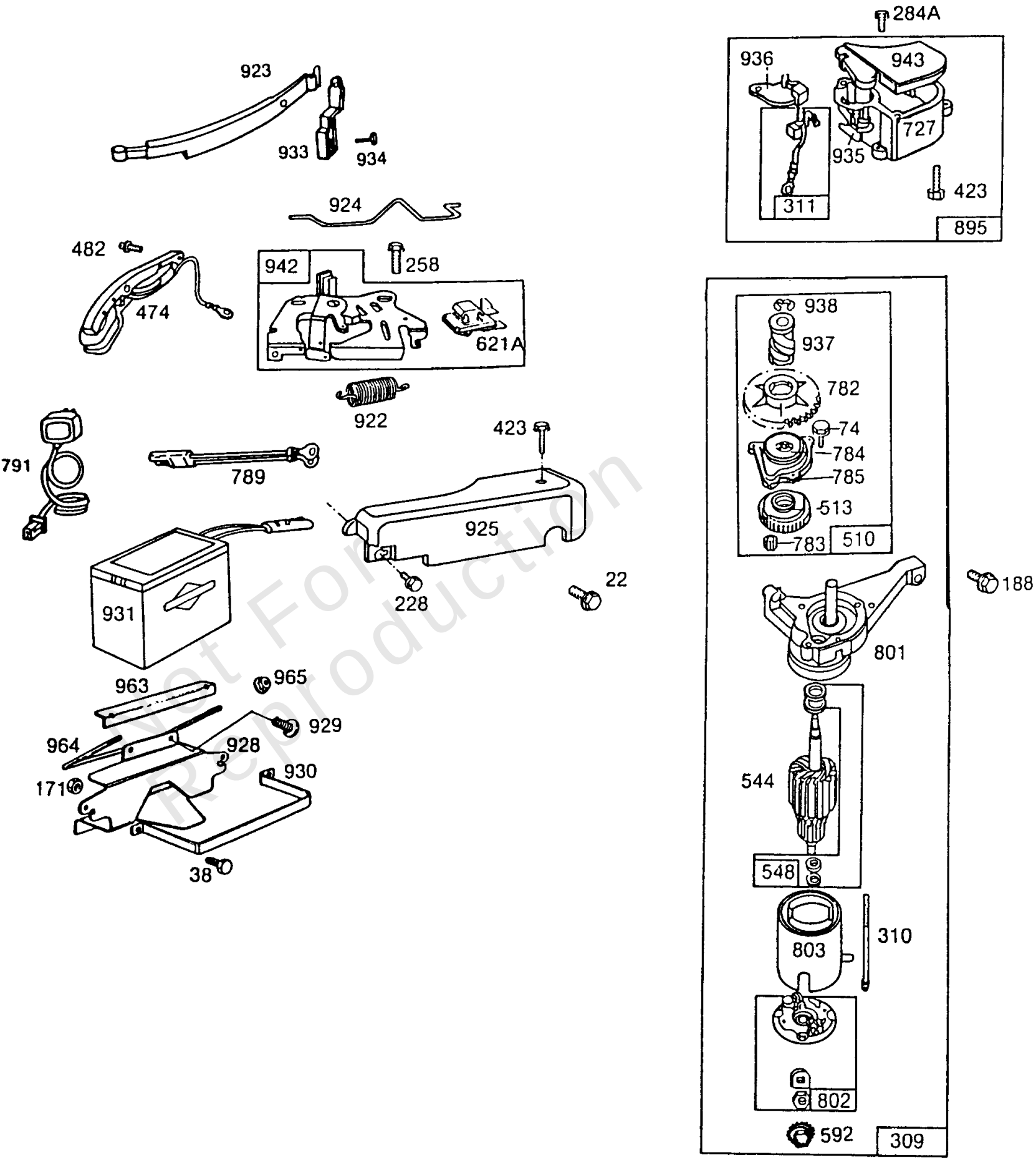
Cylinder, Sump Bases, Oil Fill

REF NO	PART NO	QTY	DESCRIPTION
331	220865		WASHER -(Heavy Flywheel)
333A	398593		ARMATURE, Magneto -(Magnetron Ignition)
333	398593		ARMATURE, Magneto -(Magnetron Ignition)
334	93381		SCREW
335	93435		SCREW
337	293918		PLUG, Spark
337	298809		PLUG, Spark
356	398808		WIRE, Stop -(Cut To Required Length)
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
625	391377		STACK, Air
635	66538		BOOT, Spark Plug
720	93474		PIN, Shaft
721	221779		STOP, Shaft
729	280470		CLIP, Wire
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 8808100
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)
897	394970		KIT, Magnetron Ignition
940	222403		GUARD, Flywheel
1019	491082		KIT, Label



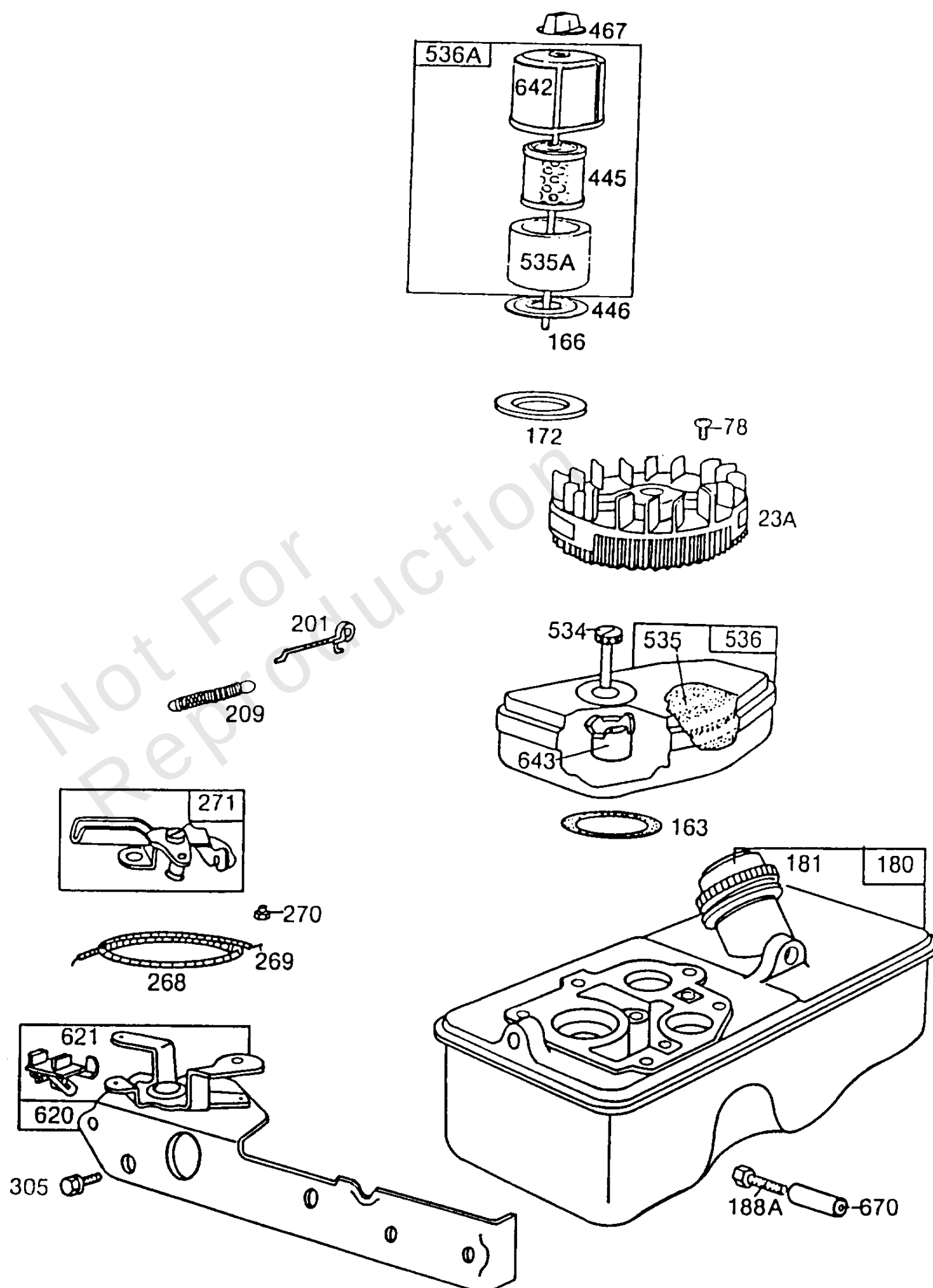
Electric Starter, Electrical

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)
258	94018		SCREW
284A	93892		SCREW
309	396439		MOTOR, Starter -(6 Volt)
310	94051		SCREW
311	395728		SET, Brush
423	94026		SCREW
474	397880		ALTERNATOR
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)
548	396067		WASHER -(Starter Motor)
592	93991		NUT -(10-24)
621A	396847		SWITCH, Stop
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
789	396392		HARNESS, Wiring -(14, 6 Volt)
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	396051		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



Electric Starter, Electrical

REF NO	PART NO	QTY	DESCRIPTION
929	93980		SCREW -(Fuel Tank) (Tank)
930	223161		BRACKET, Support
931	395559		BATTERY -(6 Volt)
933	223448		PIVOT, Band Brake
934	94037		SCREW
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
942	493248		BRACKET, Brake
943	280322		COVER, Starter
963	223502		STRAP, Battery Support
964	94107		BOLT
965	94108		NUT



Fuel Tank,Control Brkt,A/C

REF NO	PART NO	QTY	DESCRIPTION
23A	394848		FLYWHEEL -(Vertical Pull Starter)
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)
188A	94102		SCREW
201	261027		LINK, Air Vane
209	261935		SPRING, Governor
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
445	396424		FILTER, Pre Cleaner
446	222844		BASE, Air Cleaner
467	212706		KNOB, Choke Shaft
534	93374		SCREW -(Air Cleaner)
535A	271466		FILTER, Pre Cleaner
535	270848		FILTER, Air Cleaner Foam
536A	396397		CLEANER, Air
536	391641		CLEANER, Air
620	391442		BRACKET, Control -(Remote Control)
621	297472		SWITCH, Stop -Used Before Code Date 85032700
621	396847		SWITCH, Stop -Used After Code Date 85032700
642	223306		COVER, Air Cleaner
643	280374		RETAINER, Air Filter
670	94038		SPACER, Fuel Tank -(Compliance Engines)
670	94047		SPACER, Fuel Tank -(Non Compliance Engines)

Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	10T8020015	1	Replacement Engine
	-----		Top No-Load Speed: 3100 -Trim: ALL
	-----		Service Note: Replacement engine listed is not available in the State of California. Repair with individual parts.

Not For Reproduction

