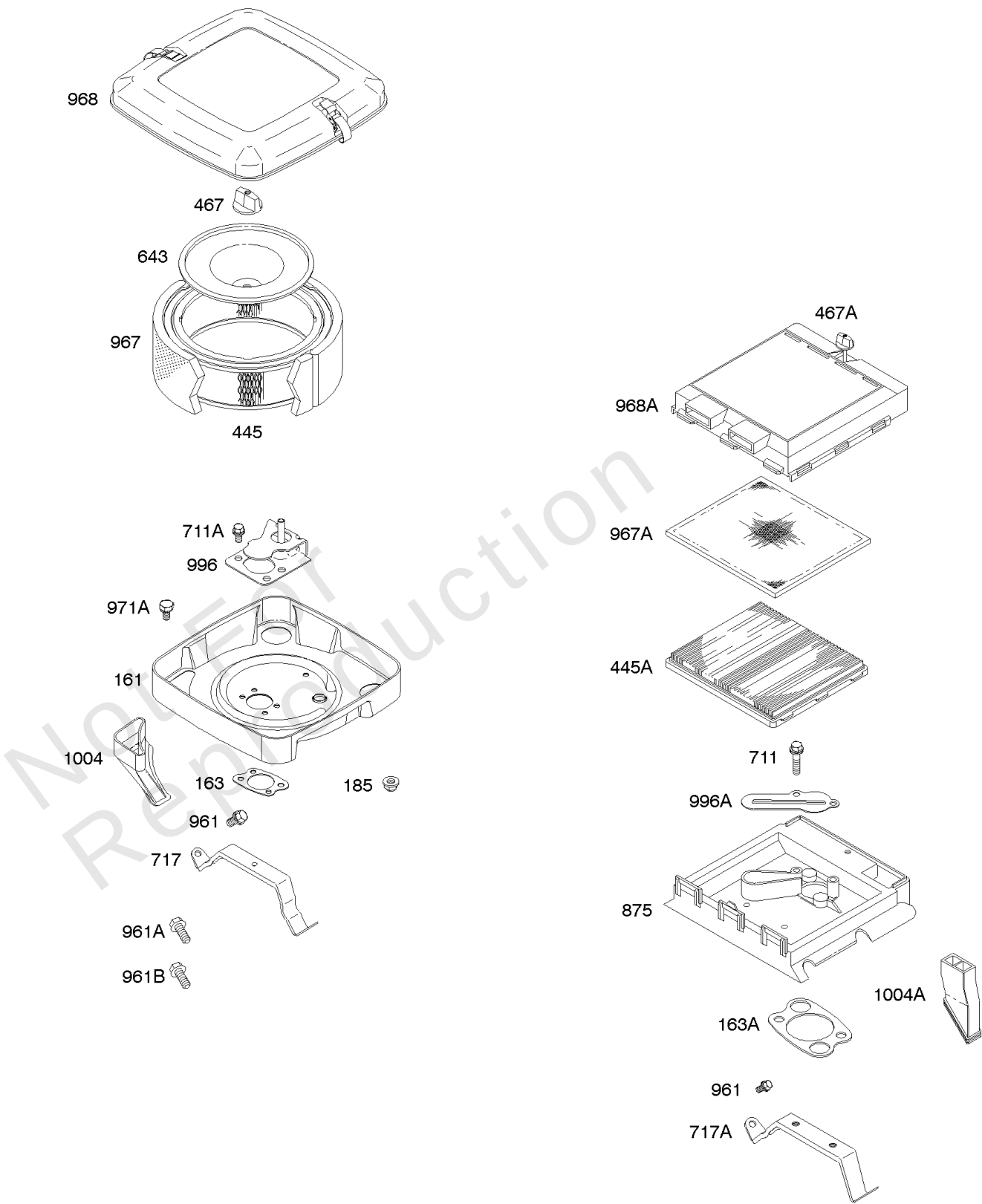




Parts Manual

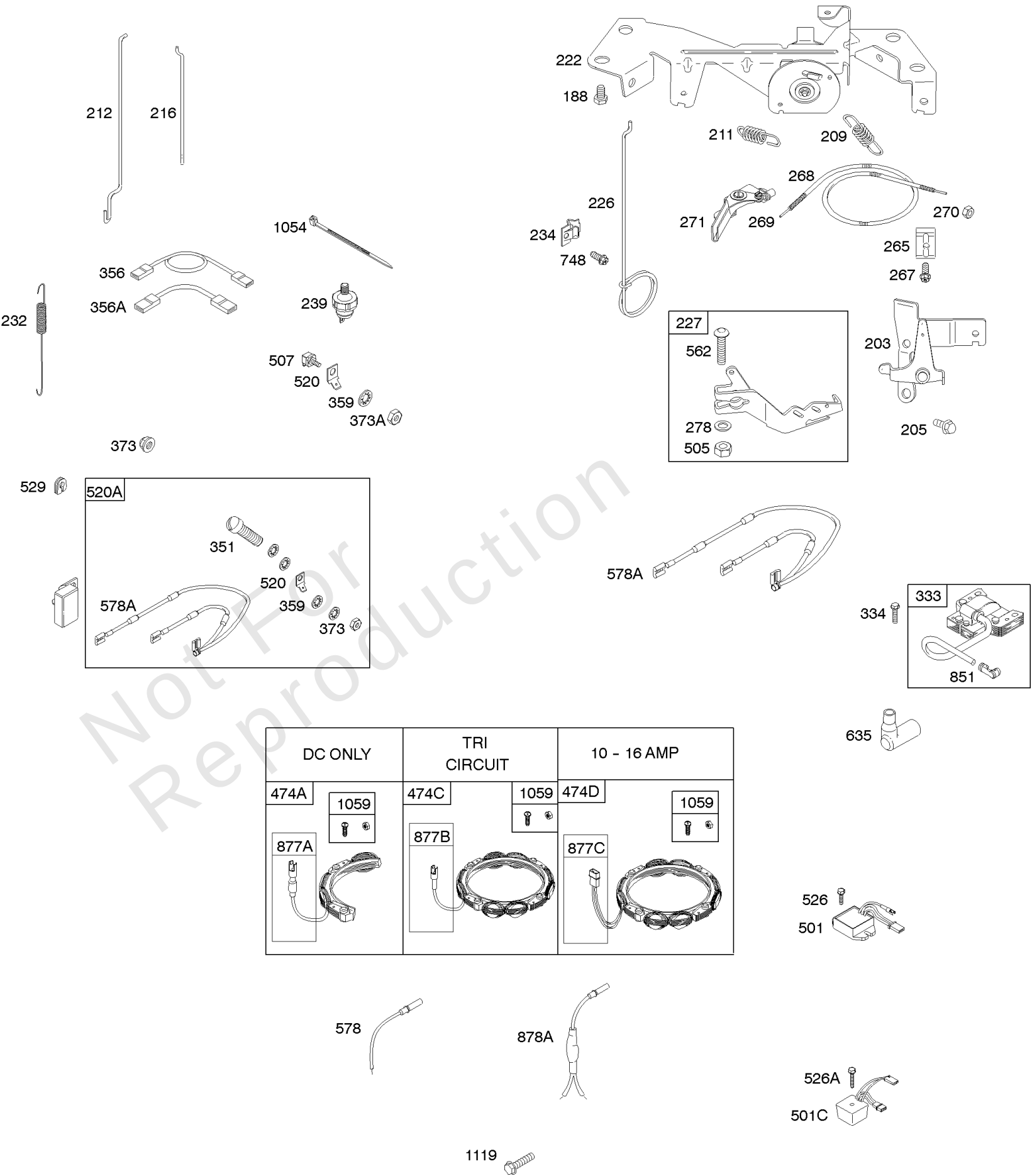
Mfg. No: 294777-1146-E1

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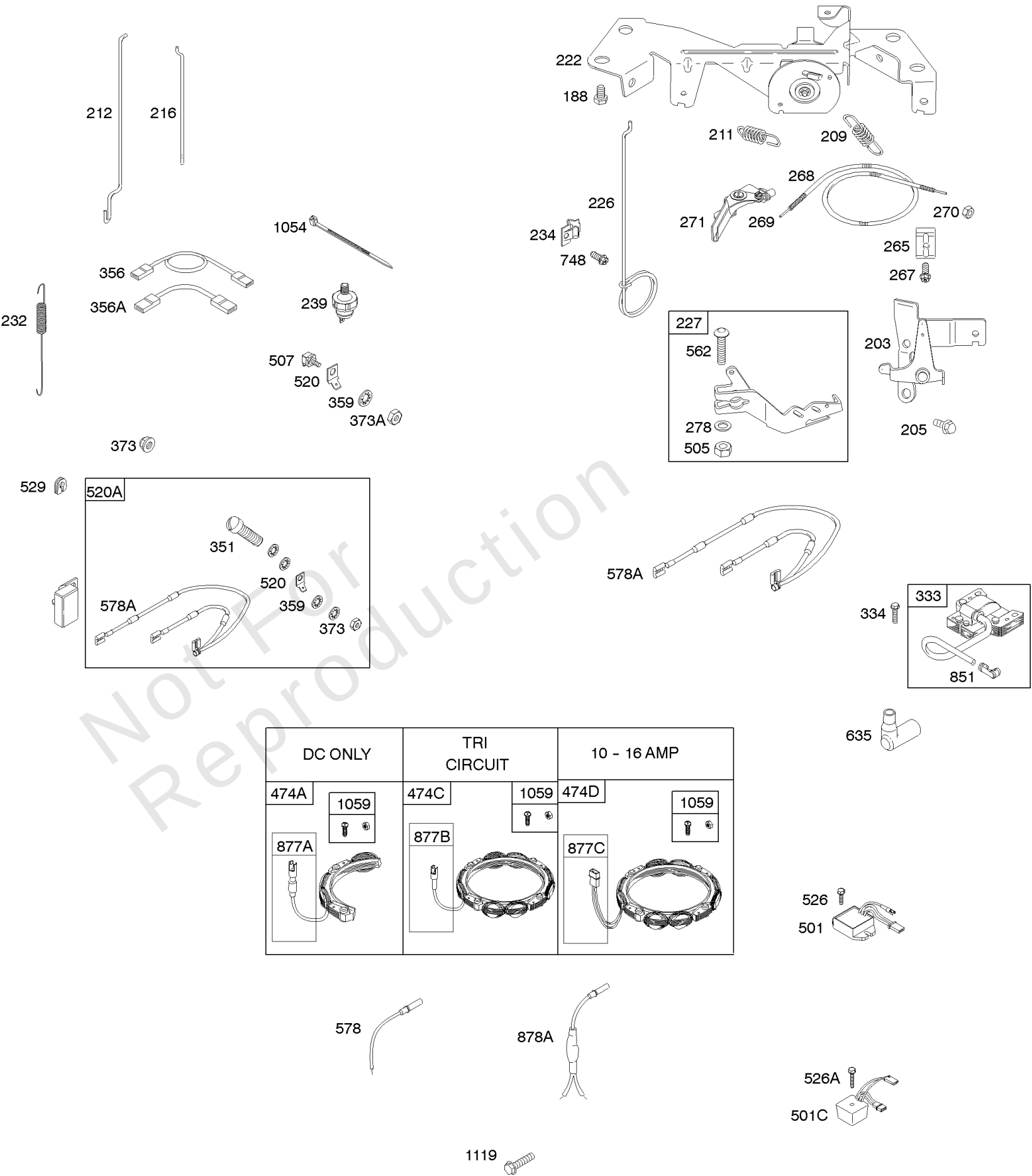
Air Cleaners

REF NO	PART NO	QTY	DESCRIPTION
161	691561		BASE, Air Cleaner -(Metal)
163	692081		GASKET, Air Cleaner -(Used With Metal Air Cleaner Base)
163A	692052		GASKET, Air Cleaner -(Used With Plastic Air Cleaner Base)
185	690939		NUT -(Air Cleaner Base)
445	394018S		FILTER, A/C Cartridge -(Round)
445A	805113		FILTER, A/C Cartridge -(Rectangular)
467	691985		KNOB, Air Cleaner Cover
467A	690895		KNOB, Air Cleaner Cover
643	692079		RETAINER, Air Filter
711	690699		SCREW -(Carburetor Shield)
711A	807084		SCREW -(Carburetor Shield)
717	692542		STRAP/STUD, Air Cleaner Mounting
717A	690896		STRAP/STUD, Air Cleaner Mounting
875	690894		BASE, Air Cleaner -(Plastic)
961	690872		SCREW -(Air Cleaner Bracket)
961A	841233		SCREW -(Air Cleaner Bracket)
961B	690699		SCREW -(Air Cleaner Bracket)
967	272490S		FILTER, Pre Cleaner -(Round)
967A	805267S		FILTER, Pre Cleaner -(Rectangular)
968	699959		COVER, Air Cleaner -(Used With Metal Air Cleaner Base)
968A	690694		COVER, Air Cleaner -(Used With Plastic Air Cleaner Base)
971A	692537		SCREW -(Air Cleaner Base) (Remote Choke)
996	691577		SHIELD, Carburetor
996A	690696		SHIELD, Carburetor
1004	690743		DUCT, Air -(Used With Metal Air Cleaner Base)
1004A	692538		DUCT, Air -(Used With Plastic Air Cleaner Base)



Alternator, Ignition, Wires, Controls, Governor Springs

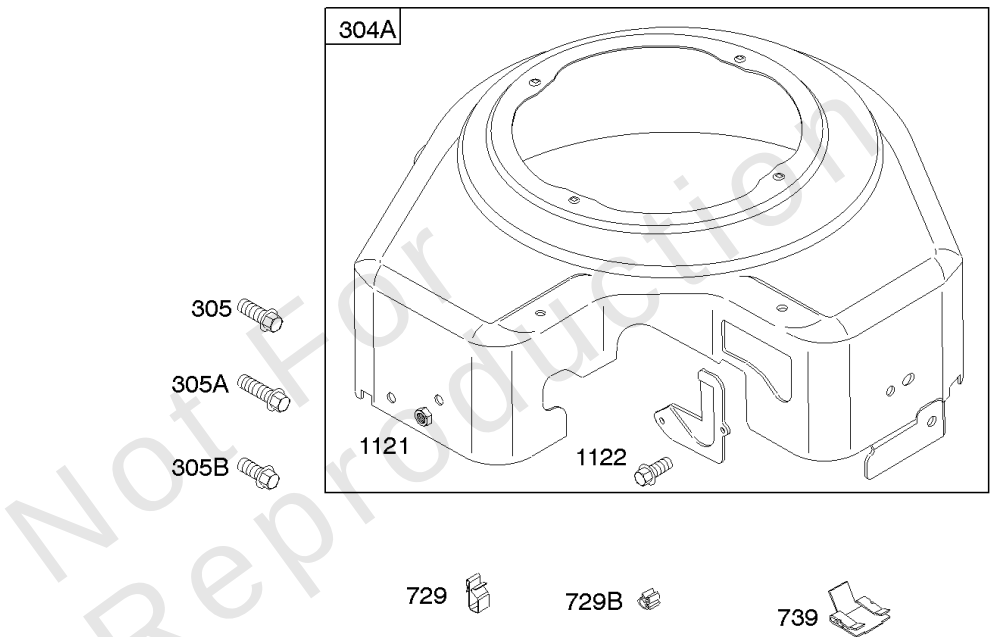
REF NO	PART NO	QTY	DESCRIPTION
10	690751		SCREW -(Breather Assembly) -Used After Code Date 90111400
10	805194		SCREW -(Breather Assembly) -Used Before Code Date 90111500
188	692056		SCREW -(Control Bracket)
203	690923		CRANK, Bell
205	692083		SCREW -(Bell Crank)
209	692071		SPRING, Governor -(White)
211	692069		SPRING, Governed Idle
212	690712		LINK, Throttle
216	690705		LINK, Choke
222	808454		BRACKET, Control
226	692075		ROD, Choke
227	690236		LEVER, Governor Control
232	692073		SPRING, Governor Link
234	691723		CLIP, Control Rod
239	690233		SWITCH, Oil Pressure -(Oil GARD)
265	691024		CLAMP, Casing
267	692083		SCREW -(Casing Clamp)
268	691025		CASING, Control Wire -(Cut To Required Length)
269	691026		WIRE, Control -(Cut To Required Length)
270	691027		NUT -(Control Wire Casing)
271	691028		LEVER, Control
278	842122		WASHER -(Governor Control Lever)
333	492341		ARMATURE, Magneto
334	692066		SCREW -(Magneto Armature)
351	692083		SCREW -(Ground Terminal)
356	807593		WIRE, Stop -(Cylinder 2) -Used Before Code Date 90120100
356A	807594		WIRE, Stop -(Cylinder 1) -Used Before Code Date 90120100
359	691077		WASHER -(Ground Terminal)
373	691612		NUT -(Ground Terminal)
373A	690713		NUT -(Ground Terminal)
474D	696458		ALTERNATOR -(10 Amp Regulated)
501	691185		REGULATOR -(16 Amp Regulated)
501C	691188		REGULATOR -(9 Amp Regulated)



Alternator, Ignition, Wires, Controls, Governor Springs

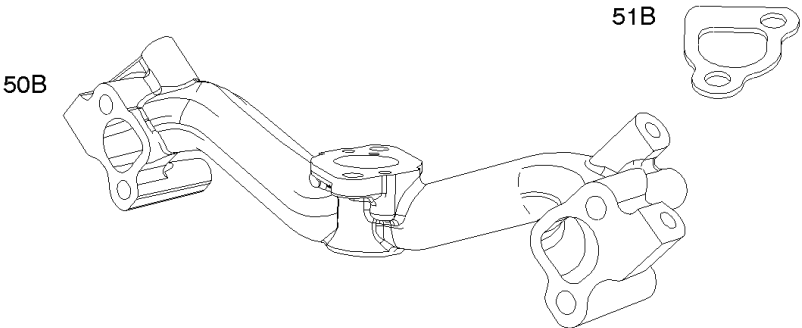
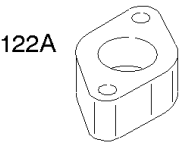
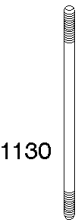
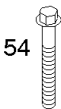
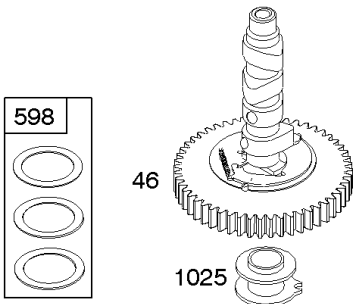
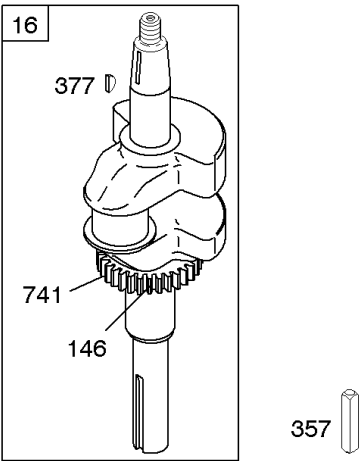
REF NO	PART NO	QTY	DESCRIPTION
505	690238		NUT -(Governor Lever)
507	691972		INSULATOR
520	691084		TERMINAL, Ground -(Brass)
520A	809077		TERMINAL, Ground -(Ignition Shutoff)
526	692067		SCREW -(Regulator) (M6x12mm Long)
526A	690717		SCREW -(Regulator) (M6x30mm)
529	690744		GROMMET
562	690239		BOLT -(Governor Control Lever)
578	692306		WIRE ASSEMBLY
578A	692319		WIRE ASSEMBLY -(With Diodes)
635	692076		BOOT, Spark Plug
748	692083		SCREW -(Control Rod Clip)
851	493880S		TERMINAL, Spark Plug
877A	393814		WIRE/CONNECTOR, Alternator -(10 Amp Regulated)
877C	399916		WIRE/CONN-ALTERNATOR
877B	393537		WIRE/CONNECTOR, Alternator -(Tri Circuit) (9 Amp)
878A	691955		HARNESS, Alternator
1054	280275		TIE, Cable
1059	698516		KIT, Screw/Washer -(Alternator)
1119	691552		SCREW -(Alternator)

1036 EMISSIONS LABEL



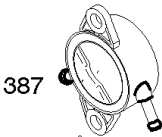
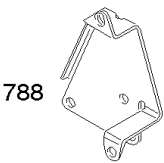
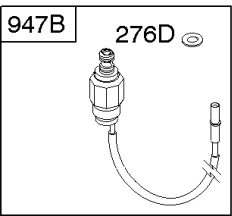
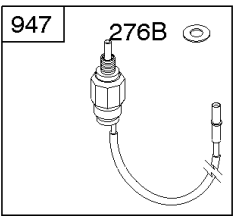
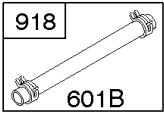
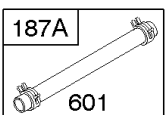
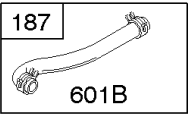
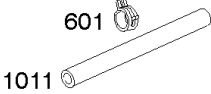
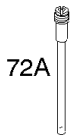
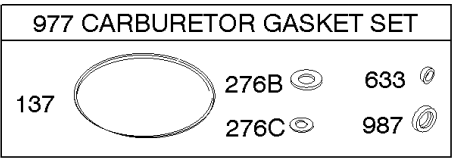
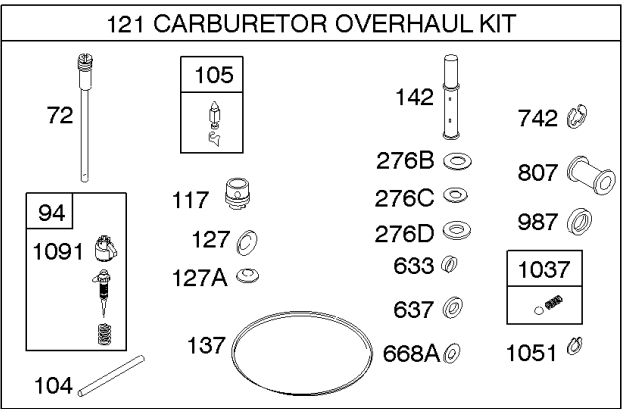
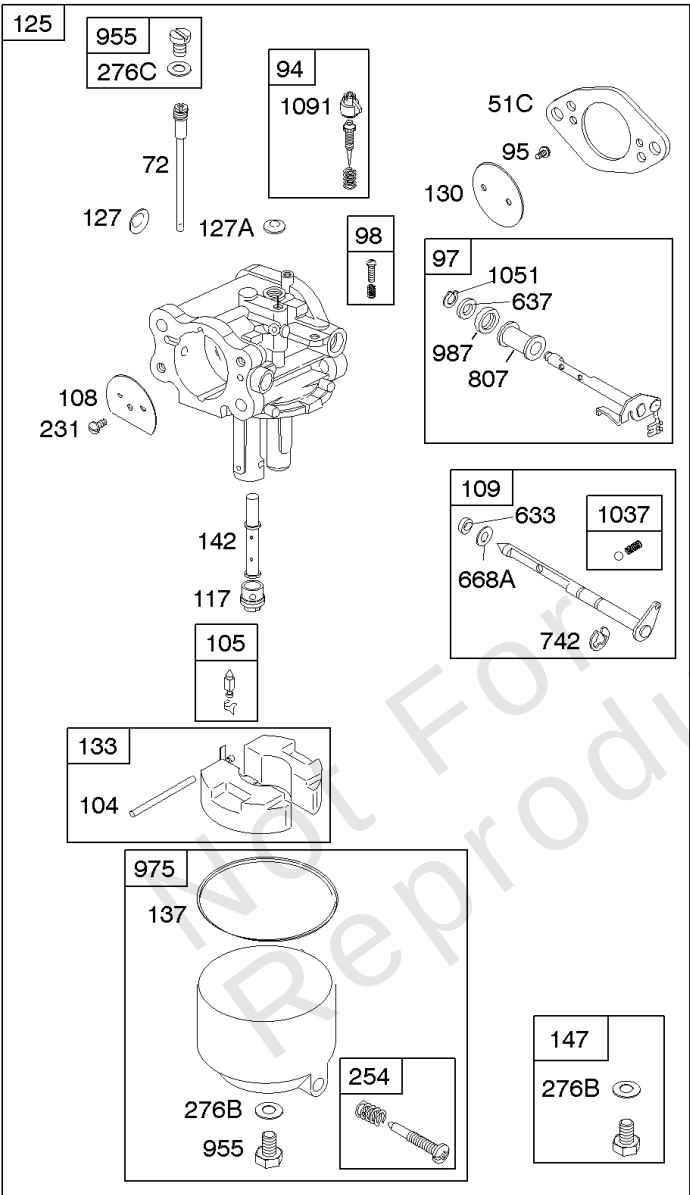
Blower Housing

REF NO	PART NO	QTY	DESCRIPTION
304A	808055		HOUSING, Blower -(Red)
304A	808408		HOUSING, Blower -(Black)
305	692056		SCREW -(Blower Housing) (14mm)
305A	692062		SCREW -(Blower Housing) (18mm Long)
305B	841233		SCREW -(Blower Housing) (12 mm Long)
729	805827		CLIP, Wire
729B	690586		CLIP, Wire
739	690451		CLIP -(Debris)
1036	-----		Label-Emissions -(Available From A Briggs & Stratton Authorized Dealer)
1121	810056		NUT -(Fuel Pump Bracket)
1122	93410		SCREW -(Blower Housing Adapter)



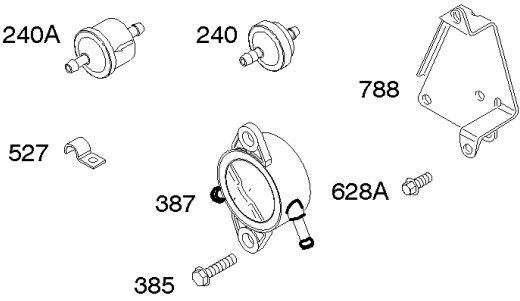
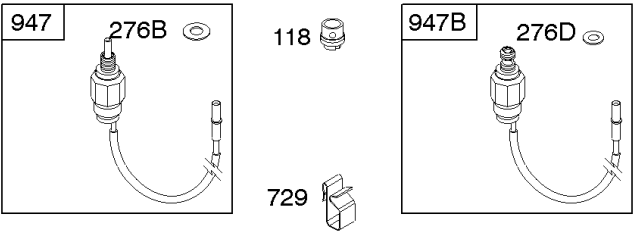
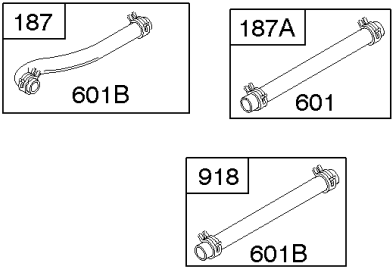
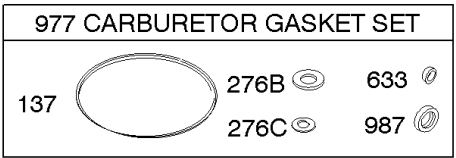
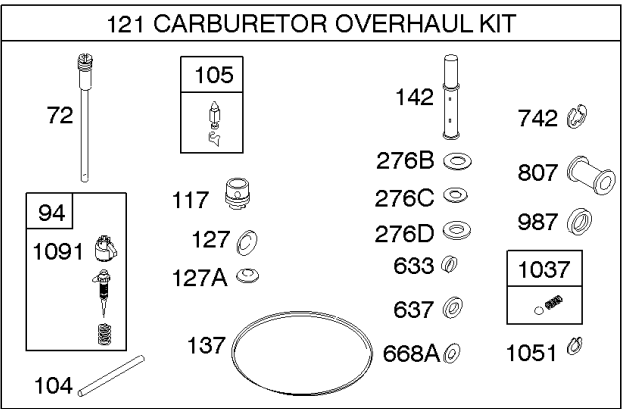
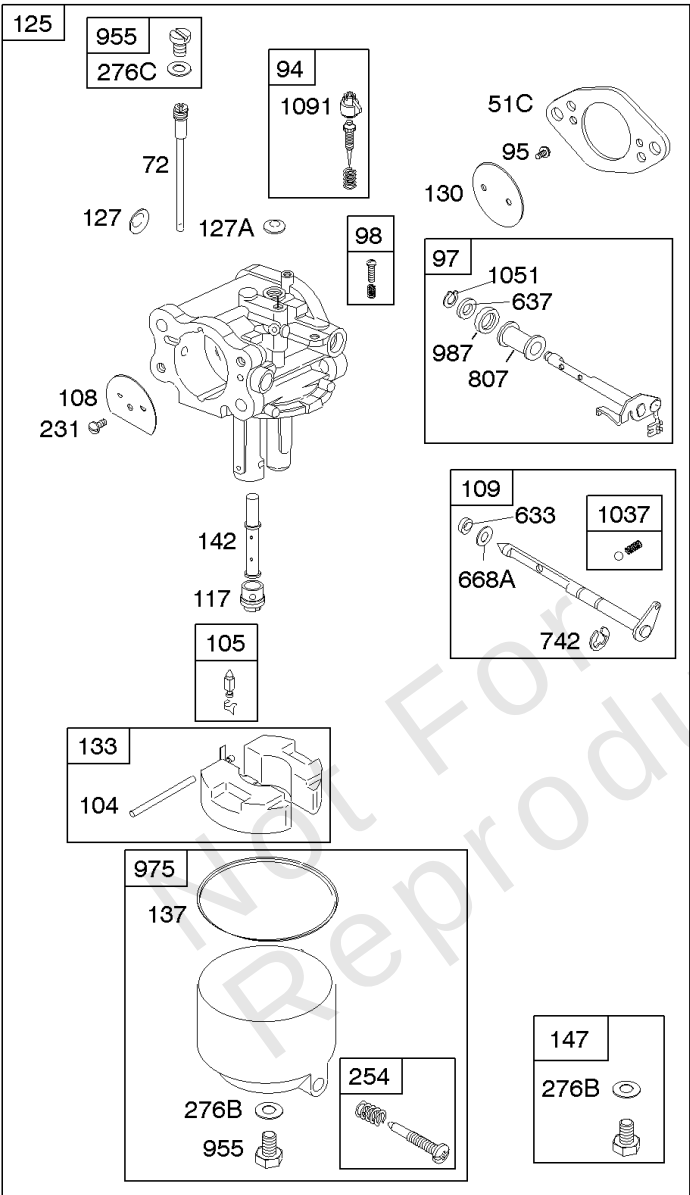
Camshaft, Crankshaft, Intake Manifold

REF NO	PART NO	QTY	DESCRIPTION
16	692159		CRANKSHAFT -Used After Code Date 97043000
16	807586		CRANKSHAFT -Used Before Code Date 97050100
46	691557		CAMSHAFT
50B	690754		MANIFOLD, Intake
51B	692035		GASKET, Intake
54	690676		SCREW -(Intake Manifold)
122A	690753		SPACER, Carburetor
146	691639		KEY, Woodruff
357	691483		KEY, Drive Pulley
377	808095		KEY, Flywheel
598	807625		SHIM, End Play -(Crankshaft or Camshaft Bearing)
654	690939		NUT -(Carburetor)
741	691530		GEAR, Timing
1025	690689		SPOOL, Governor
1130	690746		STUD -(Intake Manifold)



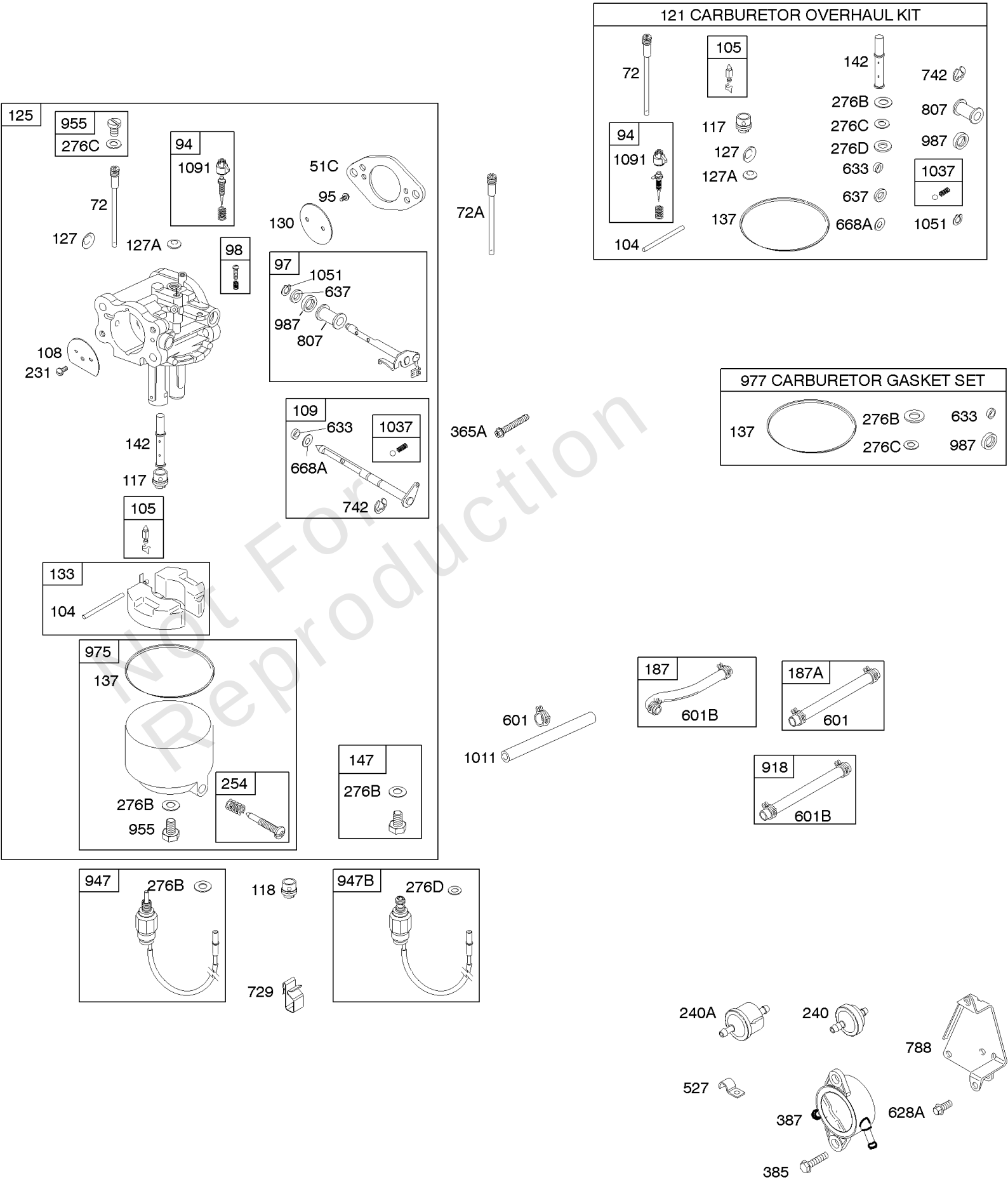
Carburetor, Fuel Supply, Carburetor Overhaul Kit

REF NO	PART NO	QTY	DESCRIPTION
51C	691694		GASKET, Intake -(Manifold/Carburetor Spacer)
72	806480		TUBE, JET -Used Before Code Date 92040700
72	806488		TUBE, Jet -Used After Code Date 98062600
72	690755		TUBE, Jet -Used After Code Date 92040600 -Used Before Code Date 98062700
72A	694069		TUBE, Jet -(High Altitude) -Used After Code Date 98062600
94	807707		VALVE, Idle Mixture -Used Before Code Date 95092800
94	808258		VALVE, Idle Mixture -Used After Code Date 95092700
95	690728		SCREW -(Throttle Valve)
97	808323		SHAFT, Throttle -Used Before Code Date 05070100
97	842650		SHAFT, Throttle -Used After Code Date 05063000
98	807705		KIT, Idle Speed -(Idle Speed)
104	690739		PIN, Float Hinge
105	807706		VALVE, Float Needle
108	690729		VALVE, Choke
109	807711		SHAFT, Choke
117	806487		JET, Main -(Standard)
118	806634		JET, Main -(High Altitude)
121	842891		KIT, Carburetor Overhaul -Used After Code Date 98062600
121	807708		KIT, Carburetor Overhaul -Used Before Code Date 92040700
121	842890		KIT, Carburetor Overhaul -Used After Code Date 92040600 -Used Before Code Date 98062700
125	842651		CARBURETOR -Used After Code Date 98062600
125	807639		CARBURETOR -Used Before Code Date 92040700
125	808728		CARBURETOR -Used After Code Date 92040600 -Used Before Code Date 98062700
127	690731		PLUG, Welch -(6.9mm Diameter)
127A	690730		PLUG, Welch -(9mm Diameter)
130	690732		VALVE, Throttle
133	807710		FLOAT, Carburetor
137	806481		GASKET, Float Bowl
142	807960		NOZZLE, Carburetor -(Standard) (Includes Standard Main Jet) -Used After Code Date 92040600 -Used Before Code Date 98062700
142	806635		NOZZLE, Carburetor -(Standard) -Used After Code Date 98062600



Carburetor, Fuel Supply, Carburetor Overhaul Kit

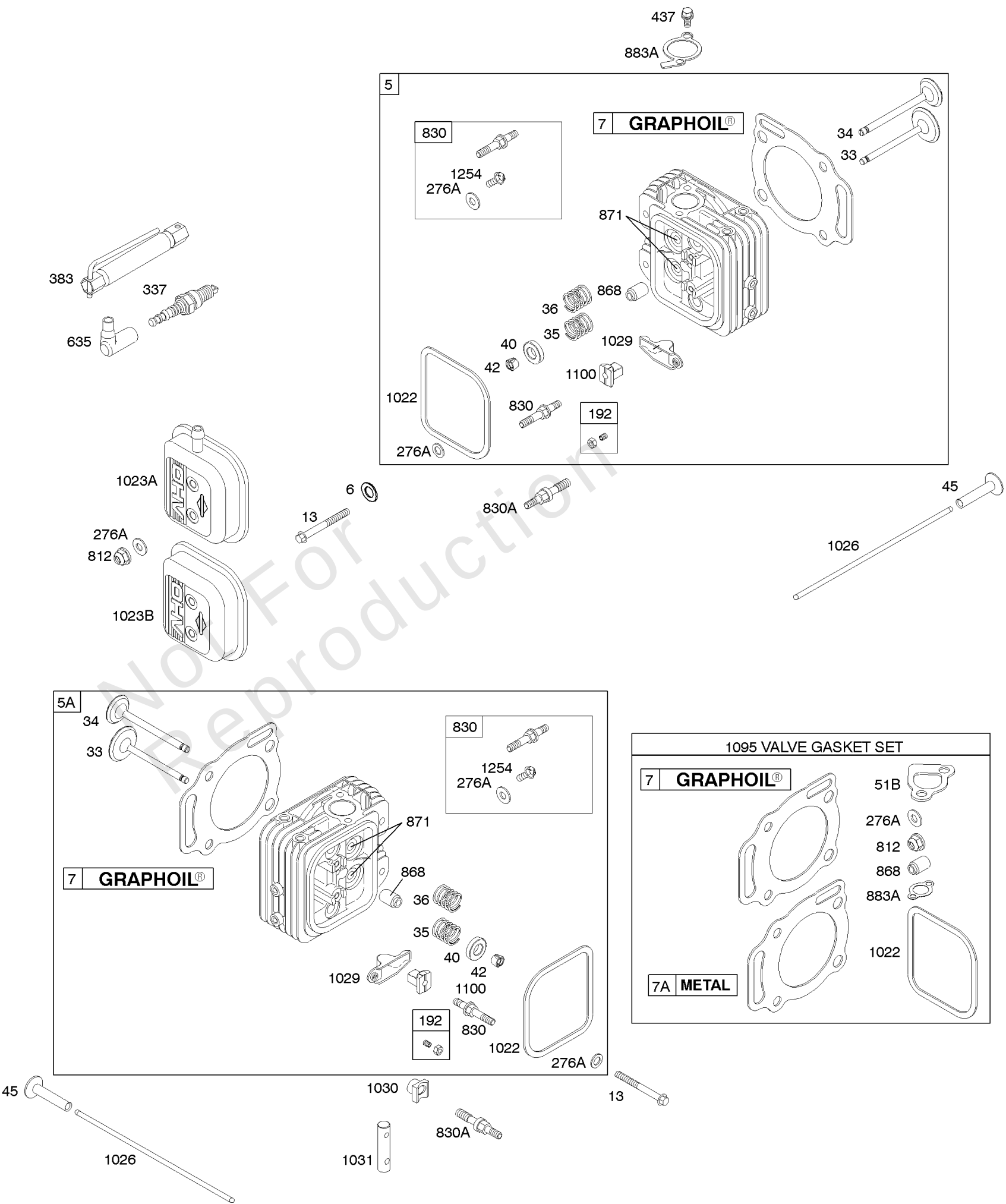
REF NO	PART NO	QTY	DESCRIPTION
142	807712		NOZZLE, Carburetor -(Standard) (Includes Standard Main Jet) -Used Before Code Date 92040700
147	807714		PLUG, Carburetor
187	791745		LINE, Fuel -(Cut To Required Length)
231	690728		SCREW -(Choke Valve)
240	394358S		FILTER, Fuel -(White)
240A	84001895		FILTER, Fuel -(For Use With Fuel Pumps Only)
254	807713		DRAIN, Carburetor Bowl
276B	806476		WASHER, Sealing -(Float Bowl)
276D	692343		WASHER, Sealing -(Float Bowl)
276C	806477		WASHER, Sealing -(Carburetor Plug)
365A	690695		SCREW -(Carburetor)
385	807084		SCREW -(Fuel Pump)
387	808656		PUMP, Fuel
527	690423		CLAMP, Tube
601	841859		CLAMP, Hose
601B	791850		CLAMP, Hose
628A	806660		SCREW -(Fuel Pump Bracket)
633	690738		SEAL, Choke/Throttle Shaft
637	690735		WASHER -(Throttle Shaft)
668A	690737		BUSHING, Choke Shaft -(Choke Shaft)
729	805827		CLIP, Wire
742	805578		RETAINER, E Ring -(Choke Shaft)
788	691559		BRACKET, Fuel Pump
807	690733		SPACER -(Throttle)
918	393815		HOSE, Vacuum -(Cylinder To Impulse Pump)(Cut To Required Length)
947	806472		SOLENOID, Fuel -Used After Code Date 98062600
947B	807744		SOLENOID, Fuel -Used Before Code Date 98062700
955	691511		PLUG, Carburetor
975	807715		BOWL, Float
977	807716		SET, Carburetor Gasket -Used Before Code Date 92040700
977	808325		SET, Carburetor Gasket -Used After Code Date 92040600
987	690734		SEAL, Choke/Throttle Shaft -Used Before Code Date 92040700
987	691548		SEAL, Choke/Throttle Shaft -Used After Code Date 92040600
1037	807717		BALL, Choke Locator
1051	690736		RING, Retaining



Carburetor, Fuel Supply, Carburetor Overhaul Kit

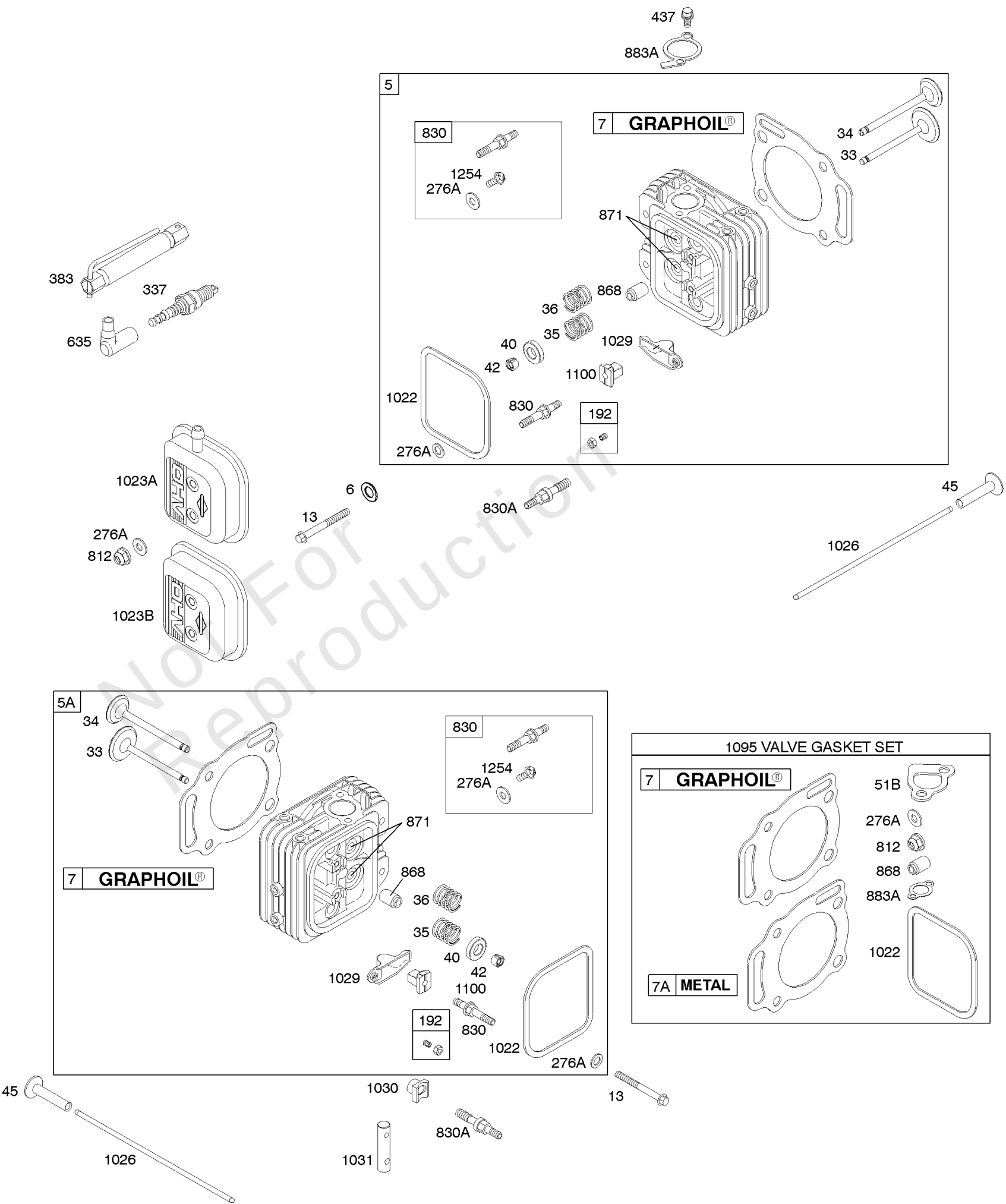
REF NO	PART NO	QTY	DESCRIPTION
1091	691515		CAP, Limiter

Not For Reproduction



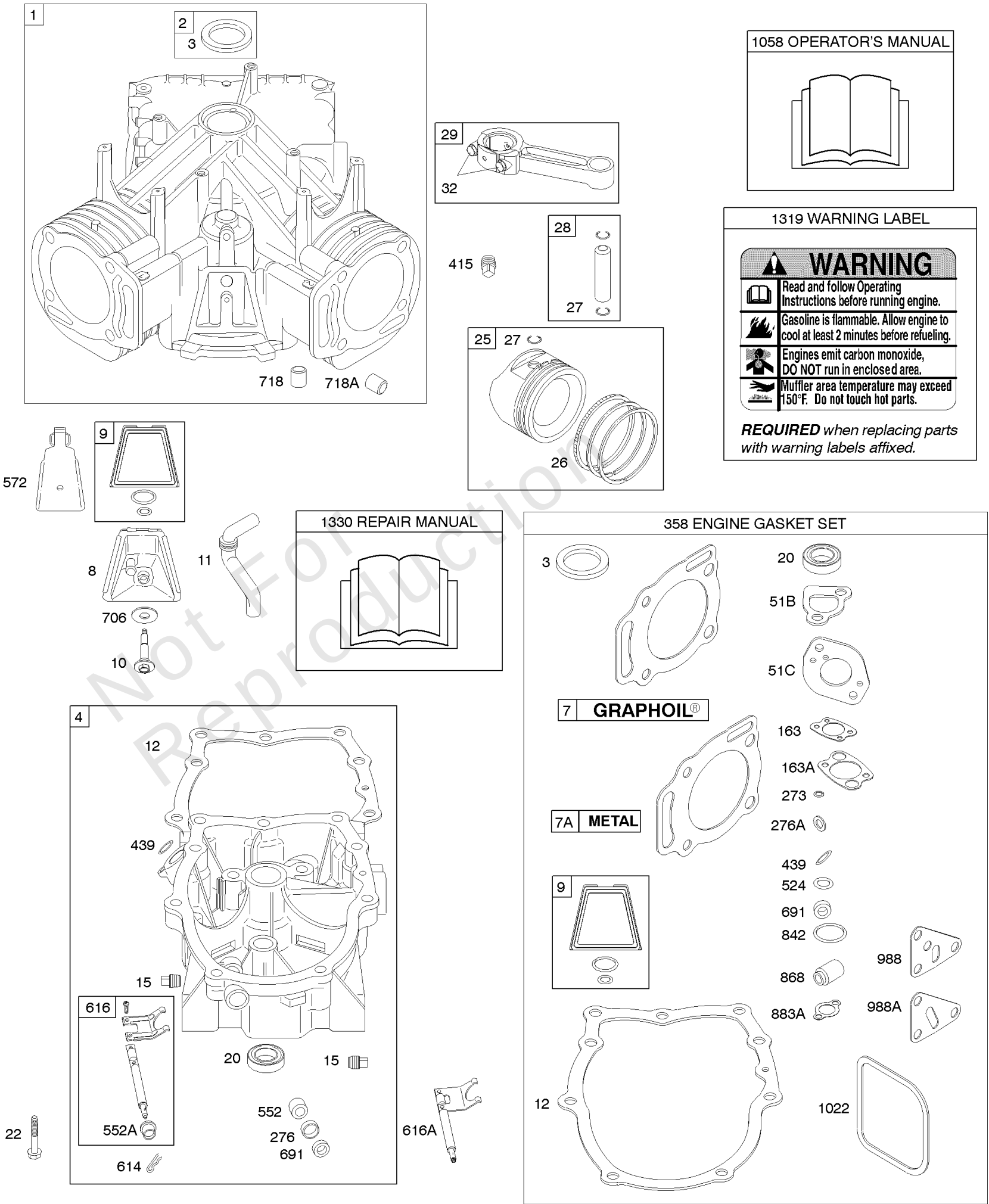
Cylinder Head, Valve Gasket Set

REF NO	PART NO	QTY	DESCRIPTION
5	809200		HEAD, Cylinder -(Cylinder 1)
5A	809201		HEAD, Cylinder -(Cylinder 2)
6	805193		WASHER -(Cylinder Head) -Used Before Code Date 94050100
7	806085S		GASKET, Cylinder Head -(Graphoil) -Used After Code Date 96033100
7A	807986		GASKET, Cylinder Head -(Metal) -Used Before Code Date 96040100
13	692059		SCREW -(Cylinder Head)
33	807681		VALVE, Exhaust
34	807680		VALVE, Intake
35	692084		SPRING, Valve -(Intake)
36	692084		SPRING, Valve -(Exhaust)
40	692058		RETAINER, Valve
42	807683		KEEPER, Valve
45	690977		TAPPET, Valve
51B	692035		GASKET, Intake
192	807623		ADJUSTER, Rocker Arm
276A	691766		WASHER, Sealing -Used Before Code Date 01120300
276A	807085		WASHER, Sealing -Used After Code Date 01120200
337	792015		PLUG, Spark
383	19374S		WRENCH, Spark Plug -(5/8-13/16)
437	691902		SCREW -(Exhaust Manifold)
635	692076		BOOT, Spark Plug
812	692055		NUT -(Rocker Cover) -Used Before Code Date 01120300
830	809157		STUD, Rocker Arm -(Rocker Arm) -Used After Code Date 96033100
830A	691497		STUD, Rocker Arm -(Rocker Arm) -Used Before Code Date 96040100
868	691963		SEAL, Valve
871	692057		BUSHING, Valve Guide
883A	691613		GASKET, Exhaust
1022	806039S		GASKET, Rocker Cover
1023A	691558		COVER, Rocker -(Cylinder 1) (With Fuel Pump)
1023B	691494		COVER, Rocker
1026	691758		ROD, Push -(Exhaust)(Aluminum)
1026	691836		ROD, Push -(Intake)(Steel)
1029	807323		ARM, Rocker
1030	691496		SUPPORT, Rocker Arm



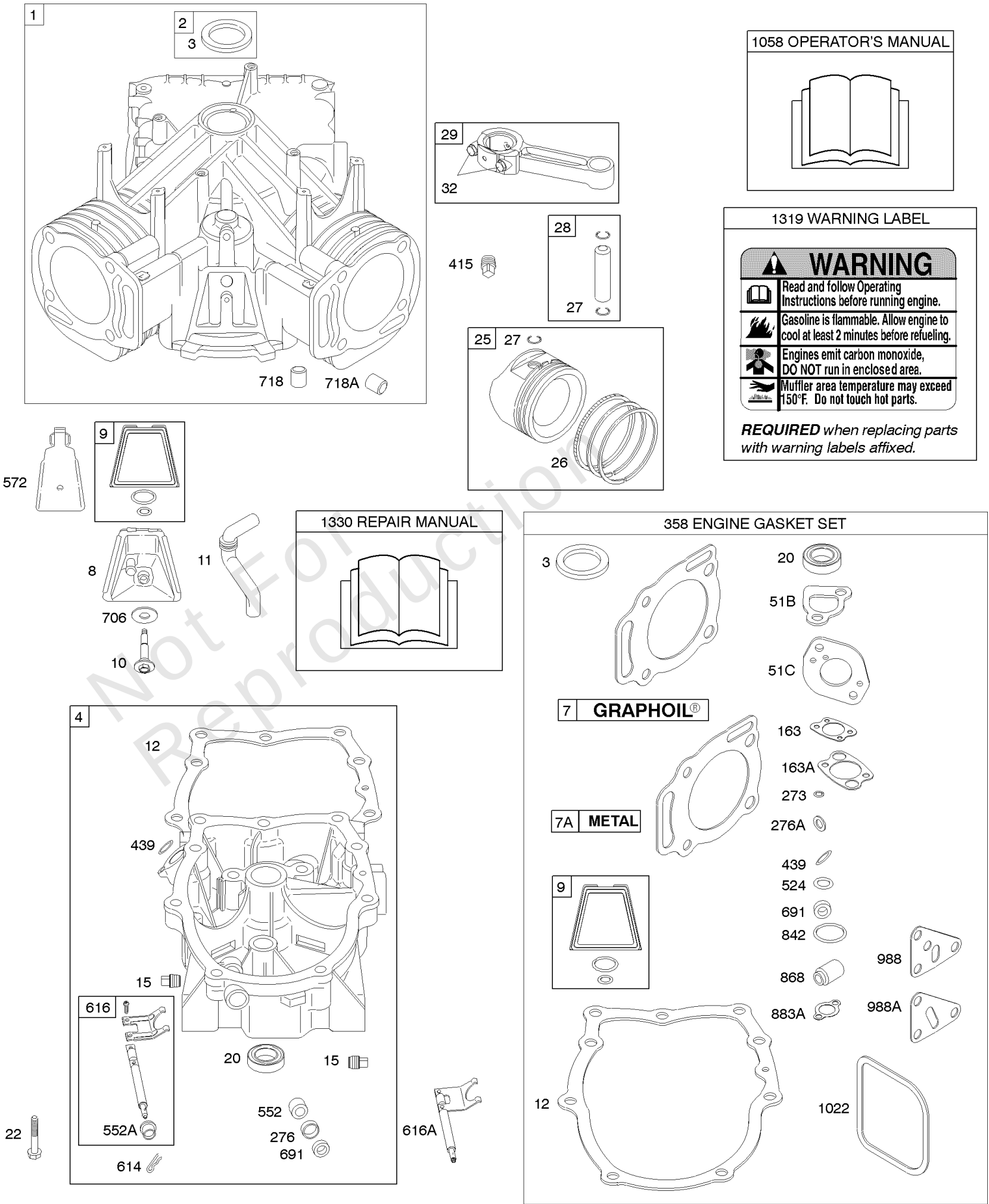
Cylinder Head, Valve Gasket Set

REF NO	PART NO	QTY	DESCRIPTION
1031	690693		SHAFT, Rocker Arm
1095	842723		GASKET SET, Valve -Used After Code Date 01120200
1095	808392		GASKET SET, Valve -Used Before Code Date 01120300
1100	791959		PIVOT, Rocker Arm
1254	807084		SCREW -(Rocker Arm Stud) -Used After Code Date 01120200



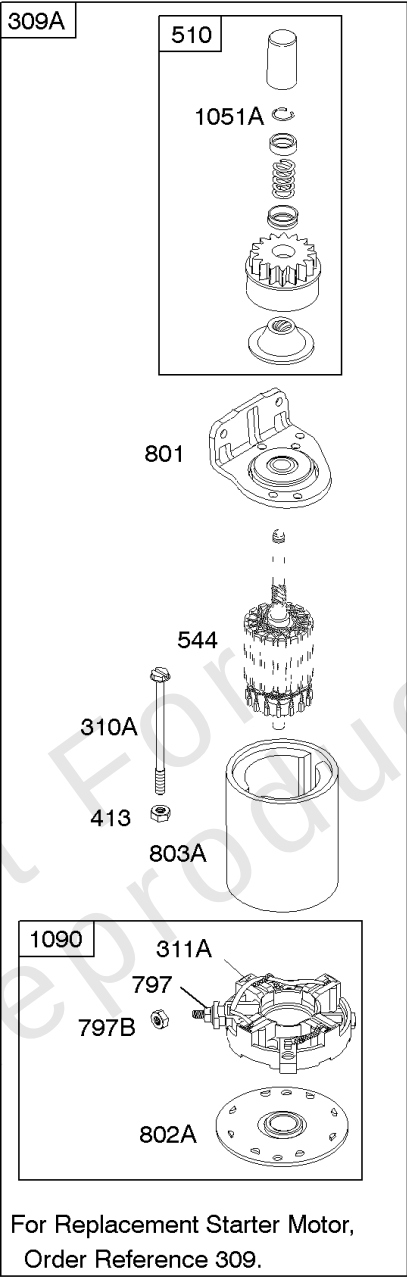
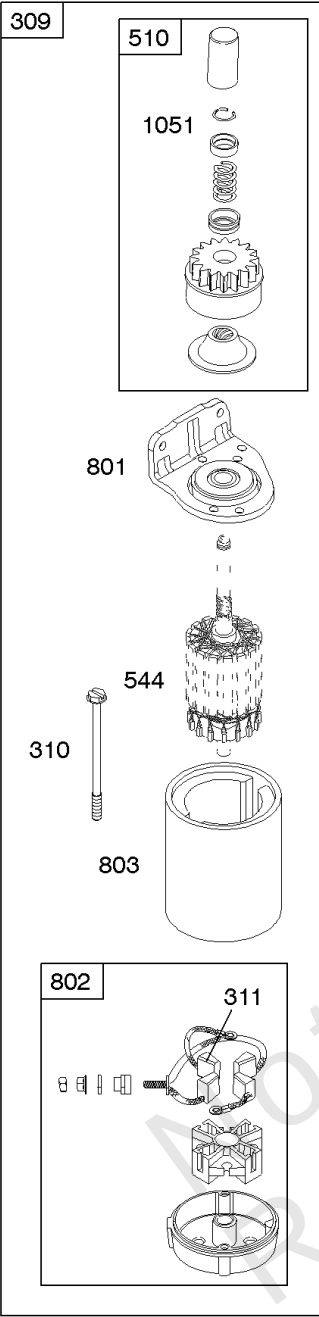
Cylinder, Crankcase Cover/Sump, Engine Gasket Set, Piston/ Rings/ Connecting Rod

REF NO	PART NO	QTY	DESCRIPTION
1	692543		CYLINDER ASSY -Used After Code Date 97043000
1	807511		CYLINDER ASSEMBLY -Used Before Code Date 97050100
2	807687		KIT, Bushing/Seal -(Magneto Side) -Used Before Code Date 97050100
2	808534		KIT, Bushing/Seal -(Magneto Side) -Used After Code Date 97043000
3	805101S		SEAL, Oil -(Magneto Side)
4	808846		SUMP, Engine
7	806085S		GASKET, Cylinder Head -(Graphoil) -Used After Code Date 96033100
7A	807986		GASKET, Cylinder Head -(Metal) -Used Before Code Date 96040100
8	808988		BREATHER ASSEMBLY
9	809094		GASKET, Breather
10	690751		SCREW -(Breather Assembly) -Used After Code Date 90111400
10	805194		SCREW -(Breather Assembly) -Used Before Code Date 90111500
11	806083S		TUBE, Breather
12	846487		GASKET, Crankcase
15	690946		PLUG, Oil Drain
20	805049S		SEAL, Oil -(PTO Side)
22	807362		SCREW -(Crankcase Cover/Sump)
25	807619		PISTON ASSEMBLY -(Standard)
25	807809		PISTON ASSEMBLY -(.020 Oversize)
26	807620		SET, Ring -(Standard)
26	807810		SET, Ring -(.020 Oversize)
27	690683		LOCK, Piston Pin
28	807621		PIN, Piston -(Standard)
29	807803		ROD, Connecting -(.020 Undersize)
29	807900S		ROD, Connecting -(Standard)
32	690698		SCREW -(Connecting Rod)
51B	692035		GASKET, Intake
51C	691694		GASKET, Intake -(Manifold/Carburetor Spacer)
163	692081		GASKET, Air Cleaner -(Used With Metal Air Cleaner Base)
163A	692052		GASKET, Air Cleaner -(Used With Plastic Air Cleaner Base)
273	690681		SEAL, O-Ring -(Oil Pump)

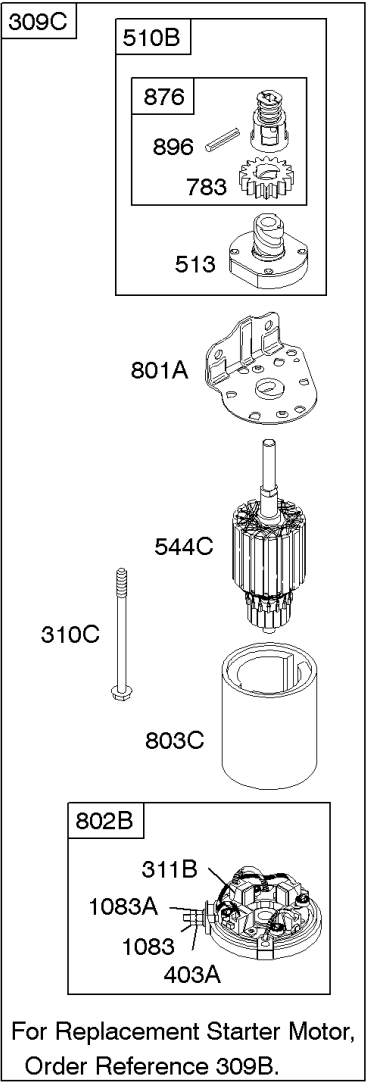
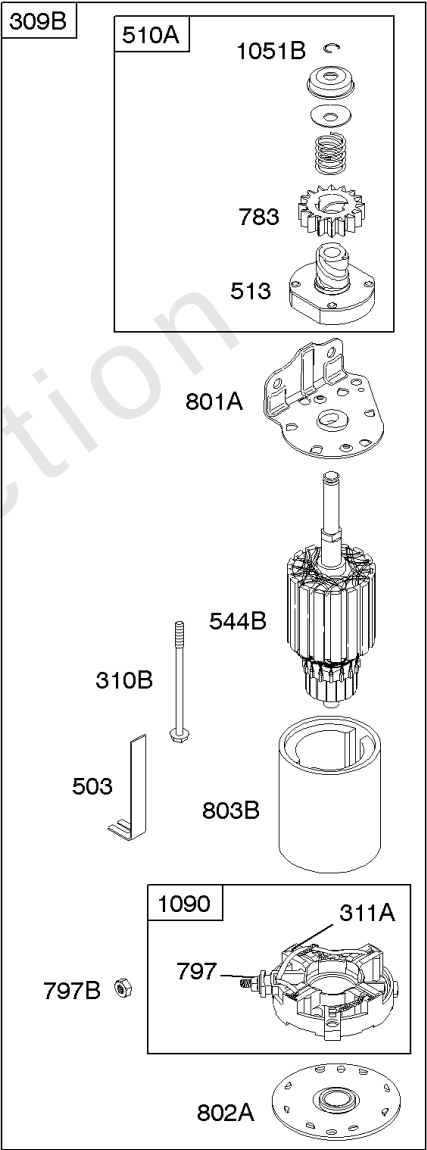


Cylinder, Crankcase Cover/Sump, Engine Gasket Set, Piston/ Rings/ Connecting Rod

REF NO	PART NO	QTY	DESCRIPTION
276	690704		WASHER -(Crankcase Cover/Sump)
276A	807085		WASHER, Sealing -Used After Code Date 01120200
276A	691766		WASHER, Sealing -Used Before Code Date 01120300
358	842722		GASKET SET, Engine -Used After Code Date 01120200
358	808390		GASKET SET, Engine -Used Before Code Date 01120300
415	690283		PLUG, Oil -(Oil Filter Adapter)
439	692154		O-RING, Oil Gallery -(Crankcase Cover/Sump) or (Cylinder Assembly)
524	692053		SEAL, O-Ring -(Dipstick Tube)
552	690701		BUSHING, Governor Crank
552A	806686		BUSHING, Governor Crank
572	690686		BAFFLE, Breather
614	691550		PIN, Cotter
616	806685		CRANK, Governor
616A	690899		CRANK, Governor -Used Before Code Date 99072100
691	690680		SEAL, Governor Shaft
706	805484		WASHER -(Breather Assembly)
718	806469		PIN, Locating
718A	805102		PIN, Locating -Used Before Code Date 91072300
842	691870		SEAL, O-Ring -(Dipstick Tube)
868	691963		SEAL, Valve
883A	691613		GASKET, Exhaust
988	692063		GASKET, Oil Adapter
988A	690687		GASKET, Oil Adapter
1022	806039S		GASKET, Rocker Cover
1058	277107		MANUAL, Operator's
1319	794467		LABEL, Warning
1330	272144		MANUAL, Repair



For Replacement Starter Motor,
Order Reference 309.

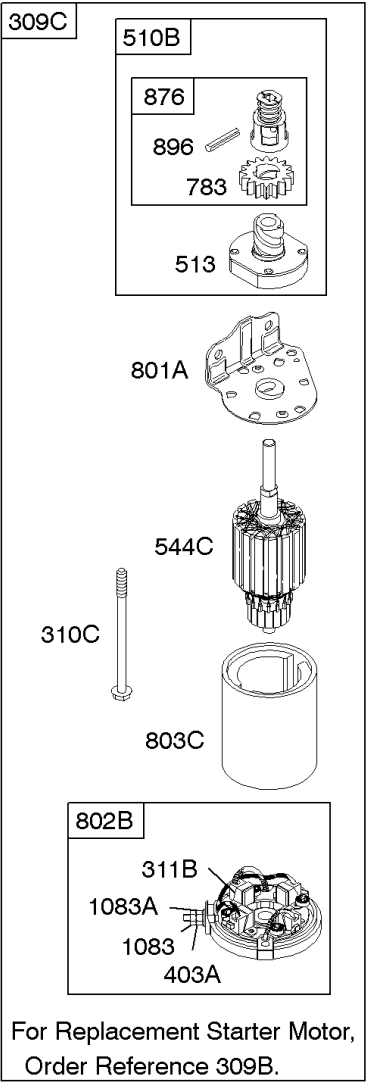
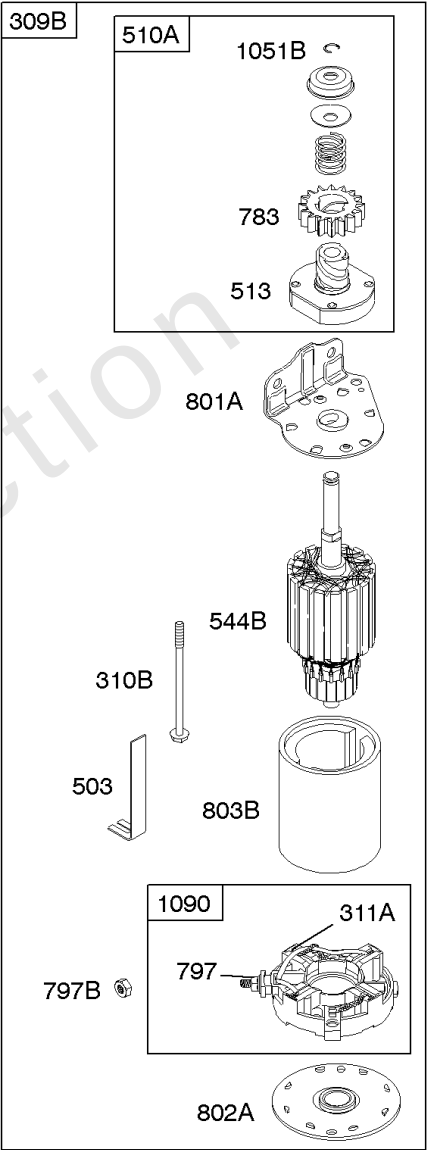
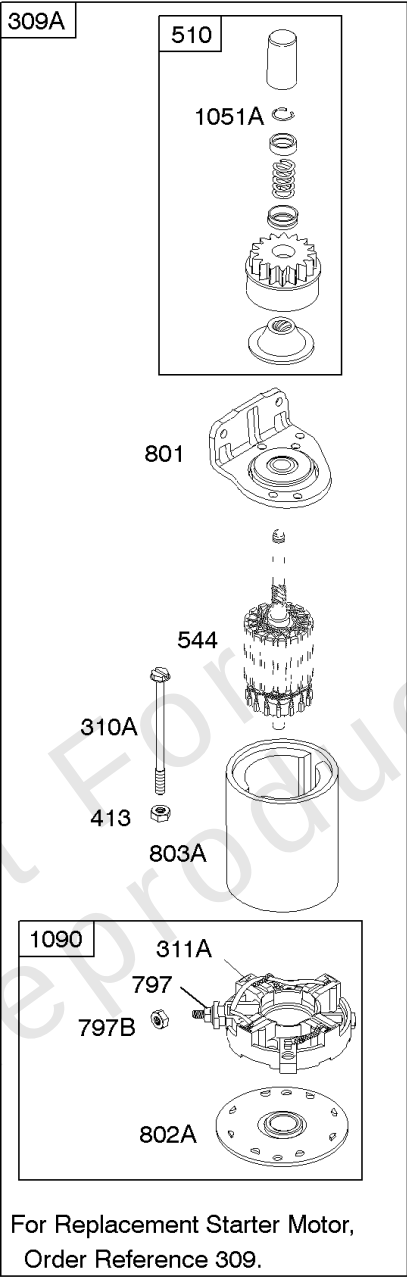
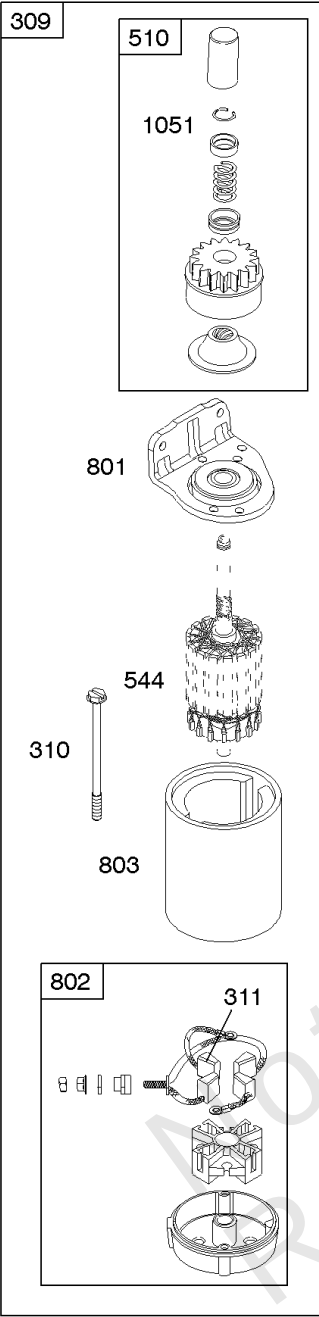


For Replacement Starter Motor,
Order Reference 309B.



Electric Starter

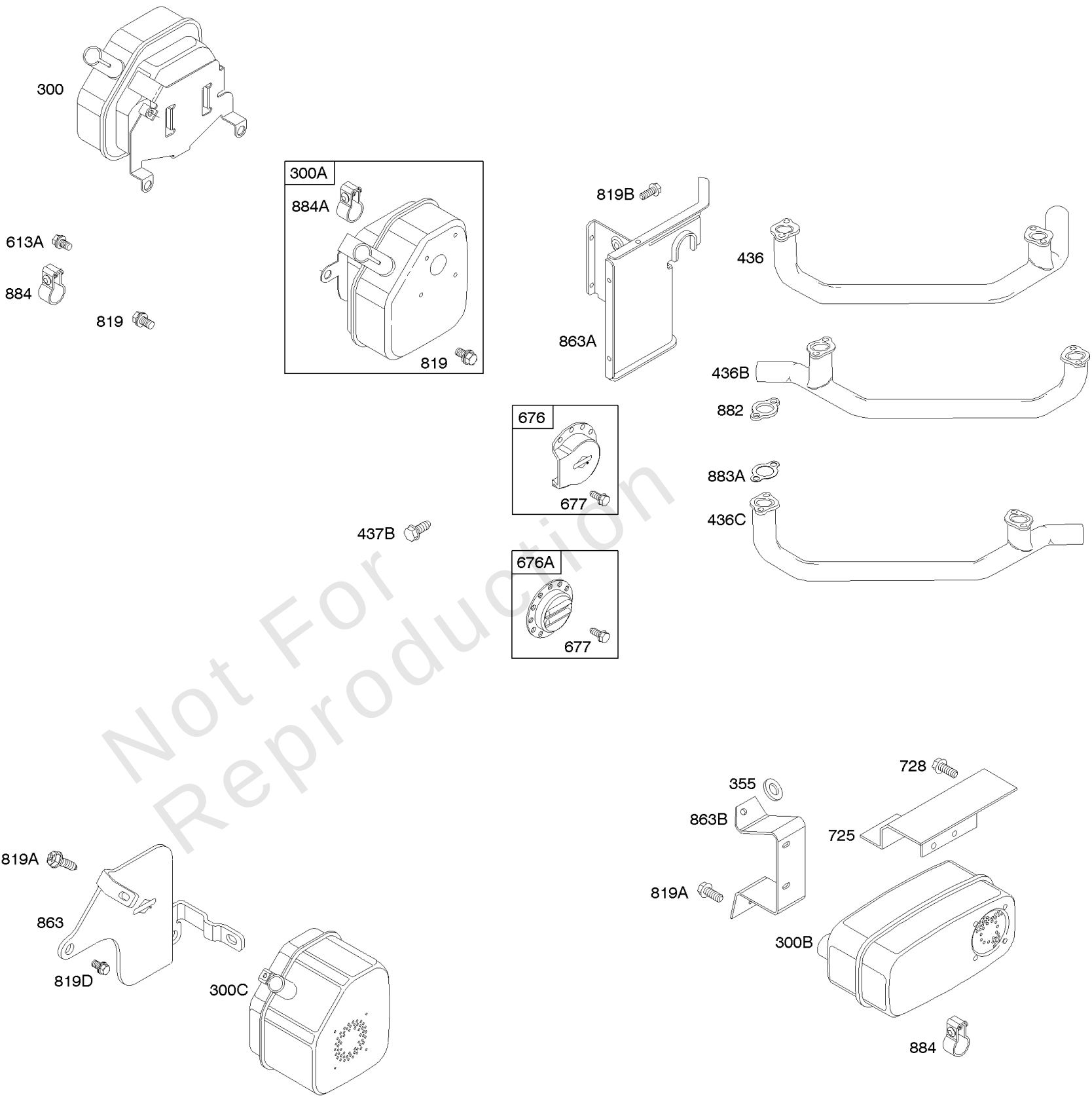
REF NO	PART NO	QTY	DESCRIPTION
309	691564		MOTOR-STARTER -(Services Steel Ring Gear Only)
309A	SEE COMMENT		GASKET, Float Bowl -(Replacement Starter Motor, Order Reference 309)
309B	499521		MOTOR, Starter -(Services Aluminum Ring Gear Only)
309C	SEE COMMENTS		ARMATURE, Starter -(Replacement Starter Motor, Order Reference 309B)
310	496880		SCREW -(Starter Motor) (4 1/4)
310A	690323		SCREW -(Starter Motor) (4 7/16" Long)
310B	691263		BOLT -(Starter Motor) (4 13/16) (4 3/8 Housing)
310C	692329		BOLT -(Starter Motor) (5-3/8) (4 1/2 And 4 3/8 Housing)
311	496887		SET, Brush
311A	497608		SET, Brush
311B	490311		SET, Brush -(4 9/16 Housing)
403A	690288		WASHER -(End Cap)
413	693587		NUT -(Starter Motor)
503	691532		STRAP, Starter
510	496881		DRIVE, Starter
510A	696541		DRIVE, Starter
510B	696540		DRIVE, Starter
513	692024		CLUTCH, Drive
544	-----		MOTOR, Starter -(Replacement Armature, Order Reference 309)
544B	-----		Armature-Starter -(Serviced By 499521 Starter Motor Only)
544C	490309		ARMATURE, Starter -(4 1/2 And 4 3/8 Housing)
697	692062		SCREW -(Drive Cap)
783	695708		GEAR-PINION -(Services Aluminum Ring Gear Only)
797	693167		NUT -(Brush Retainer)
797B	691029		NUT -(Brush Retainer)
801	808778		CAP, Drive
801A	691283		CAP, Drive
802	496813		RETAINER, Brush
802A	691286		CAP, End
802B	-----		Cap-End -(Serviced By 499521 Starter Motor Only)
803	690854		HOUSING, Starter -(Air Cleaner Base)
803A	693547		HOUSING, Starter
803C	398892		HOUSING, Starter -(4 9/16 Housing)
803C	494205		HOUSING, Starter -(4 3/8 Housing)
803B	-----		Housing-Starter -(Serviced By 499521 Starter Motor Only)



697

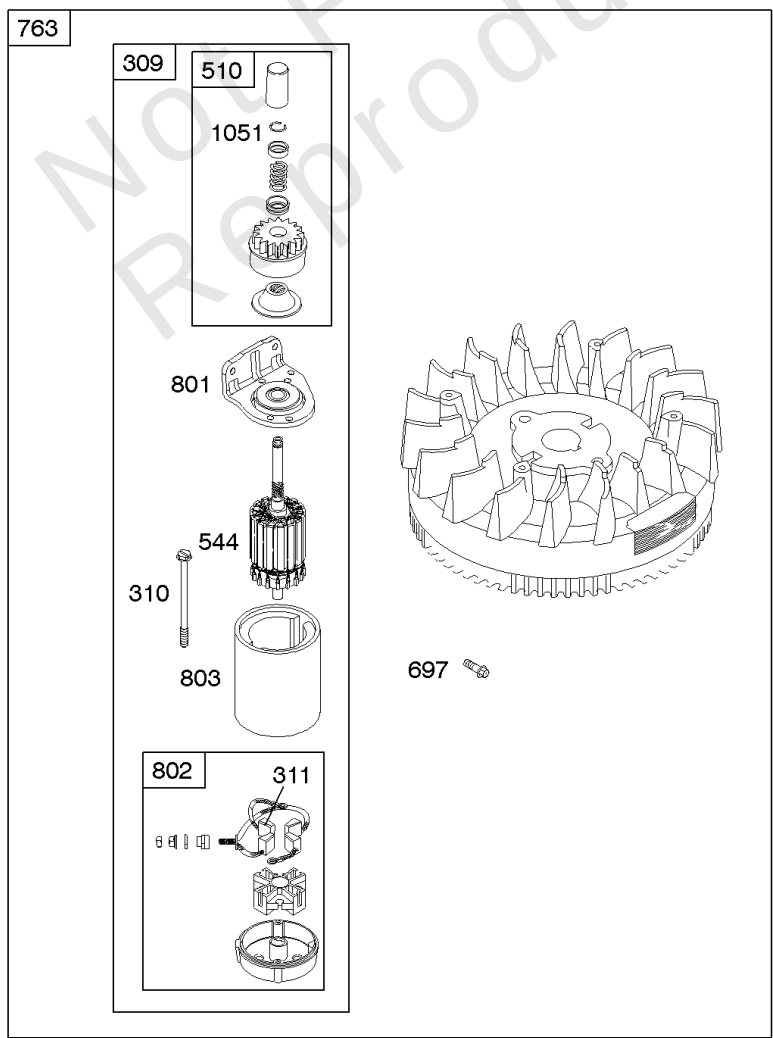
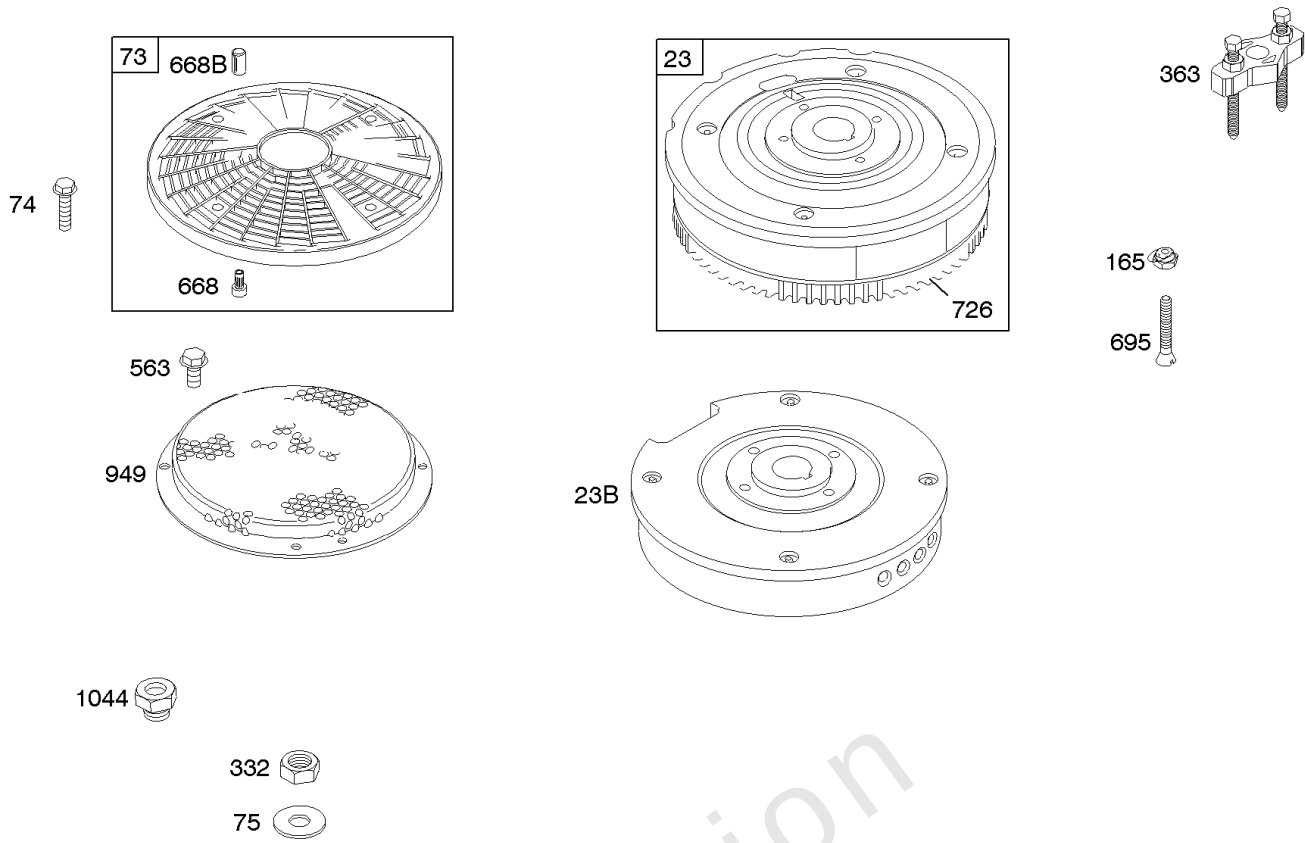
Electric Starter

REF NO	PART NO	QTY	DESCRIPTION
876	696539		KIT, Pinion Spring
896	691641		PIN, Drive Retainer
1051	690736		RING, Retaining
1051A	691124		RING, Retaining
1051B	691265		RING, Retaining
1083	691626		NUT -(End Cap)
1083A	690958		NUT -(End Cap)
1090	691293		RETAINER, Brush



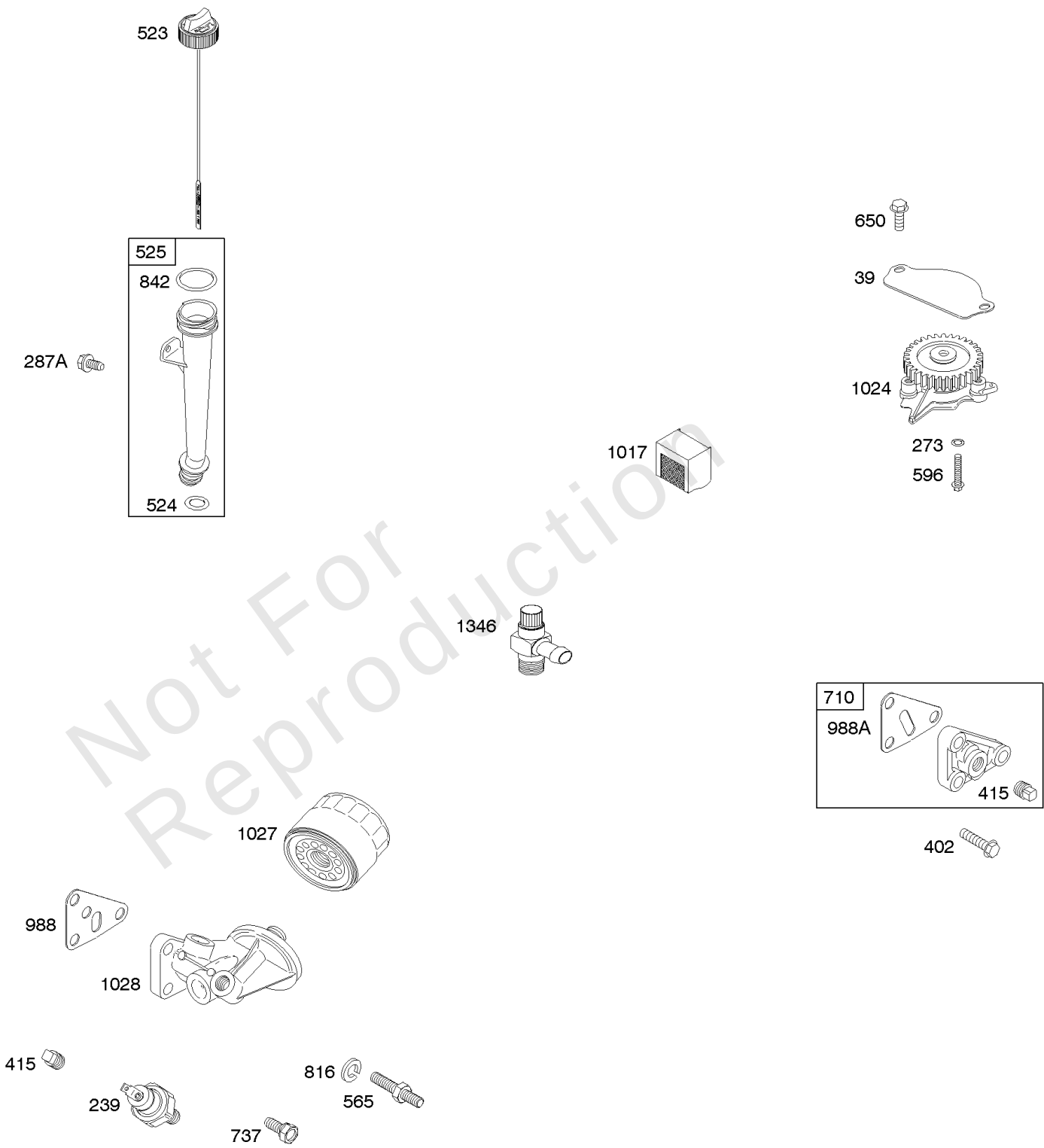
Exhaust System

REF NO	PART NO	QTY	DESCRIPTION
300	SEE COMMENT		GASKET, Float Bowl -(Replacement Muffler, Order 692099, Reference 300C)
300A	807742		MUFFLER
300B	498984S		MUFFLER
300C	692099		MUFFLER
355	842122		WASHER -(Muffler Bracket)
436	692061		MANIFOLD, Exhaust -(Cylinder 2) (Side Outlet)
436B	691502		MANIFOLD, Exhaust -(Cylinder 1) (Side Outlet)
436C	691501		MANIFOLD, Exhaust -(Cylinder 2) (Side Outlet)
437B	692062		SCREW -(Exhaust Manifold)
613A	692056		SCREW -(Muffler)
676	393761		DEFLECTOR, Muffler -(Side Outlet)
676A	397630		DEFLECTOR, Muffler -(Louvered Outlet) (Dual Louvered)
677	690661		SCREW -(Muffler Deflector)
725	806102		SHIELD, Heat
728	690297		SCREW -(Heat Shield)
819	692056		SCREW -(Muffler Bracket)
819A	692067		SCREW -(Muffler Bracket)
819D	690297		SCREW -(Muffler Bracket)
819B	692198		SCREW -(Muffler Bracket) -Used Before Code Date 97012400
863	691513		BRACKET, Muffler
863A	224359		BRACKET, Muffler
863B	806759		BRACKET, Muffler
882	692074		FLANGE, Exhaust
883A	691613		GASKET, Exhaust
884A	691956		CLAMP, Muffler -(1 1/4 Inside Diameter)



Flywheel

REF NO	PART NO	QTY	DESCRIPTION
23	808766		FLYWHEEL -(Steel Ring Gear)
73	494439		SCREEN, Rotating
74	691647		SCREW -(Rotating Screen)
75	691490		WASHER -(Flywheel)
165	693148		NUT -(Ring Gear)
309	691564		MOTOR-STARTER -(Services Steel Ring Gear Only)
310	496880		SCREW -(Starter Motor) (4 1/4)
311	496887		SET, Brush
332	690887		NUT -(Flywheel)
363	19203		PULLER, Flywheel
510	496881		DRIVE, Starter
544	-----		MOTOR, Starter -(Replacement Armature, Order Reference 309)
563	691982		SCREW -(Debris Screen Guard)
668	691500		SPACER -(Rotating Screen)
668B	691215		SPACER -(Rotating Screen)
695	693109		SCREW -(Ring Gear)
697	692062		SCREW -(Drive Cap)
726	-----		Gear-Ring -(Steel)(See Reference 23 for Service)
801	808778		CAP, Drive
802	496813		RETAINER, Brush
803	690854		HOUSING, Starter -(Air Cleaner Base)
949	690475		GUARD, Debris Screen
1044	692056		SCREW -(Flywheel)
1051	690736		RING, Retaining

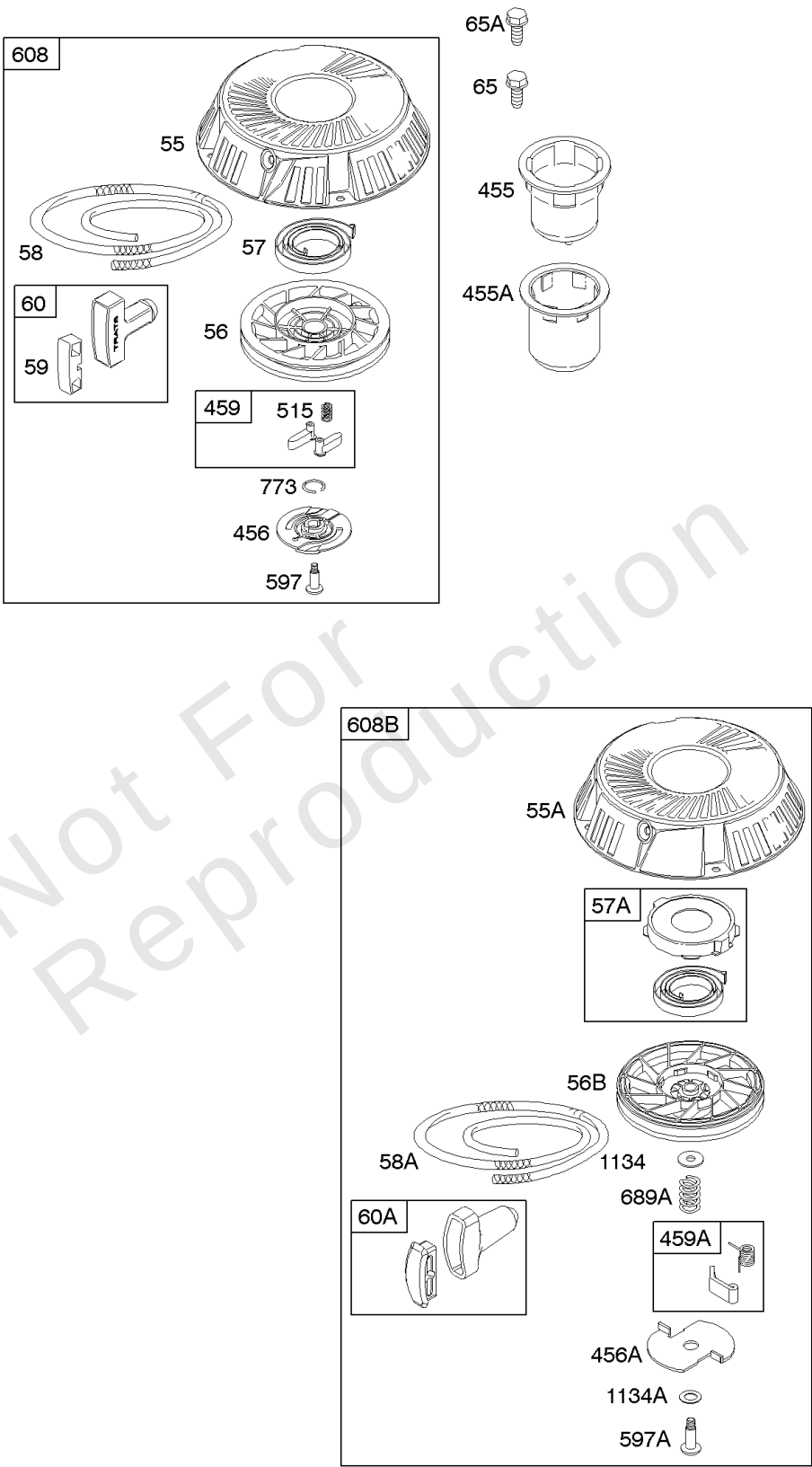


Lubrication

REF NO	PART NO	QTY	DESCRIPTION
39	690745		COVER, Gear
239	690233		SWITCH, Oil Pressure -(Oil GARD)
273	690681		SEAL, O-Ring -(Oil Pump)
287A	807084		SCREW -(Dipstick Tube)
402	690679		SCREW -(Oil Filter Cover)
415	690283		PLUG, Oil -(Oil Filter Adapter)
523	692101		DIPSTICK
524	692053		SEAL, O-Ring -(Dipstick Tube)
525	692093		TUBE, Dipstick
565	690682		STUD -(Oil Filter Adapter)
596	691492		SCREW -(Oil Pump)
650	691982		SCREW -(Oil Deflector)
710	807689		COVER, Oil Filter
737	690679		SCREW -(Oil Filter Adapter)
816	690706		WASHER -(Oil Filter Adapter)
842	691870		SEAL, O-Ring -(Dipstick Tube)
988	692063		GASKET, Oil Adapter
988A	690687		GASKET, Oil Adapter
1017	690878		SCREEN, Oil Pump
1024	693186		PUMP, Oil
1027	842921		FILTER, Oil
1028	808235		ADAPTER, Oil Filter
1346	492031		VALVE, Oil Drain Shut Off

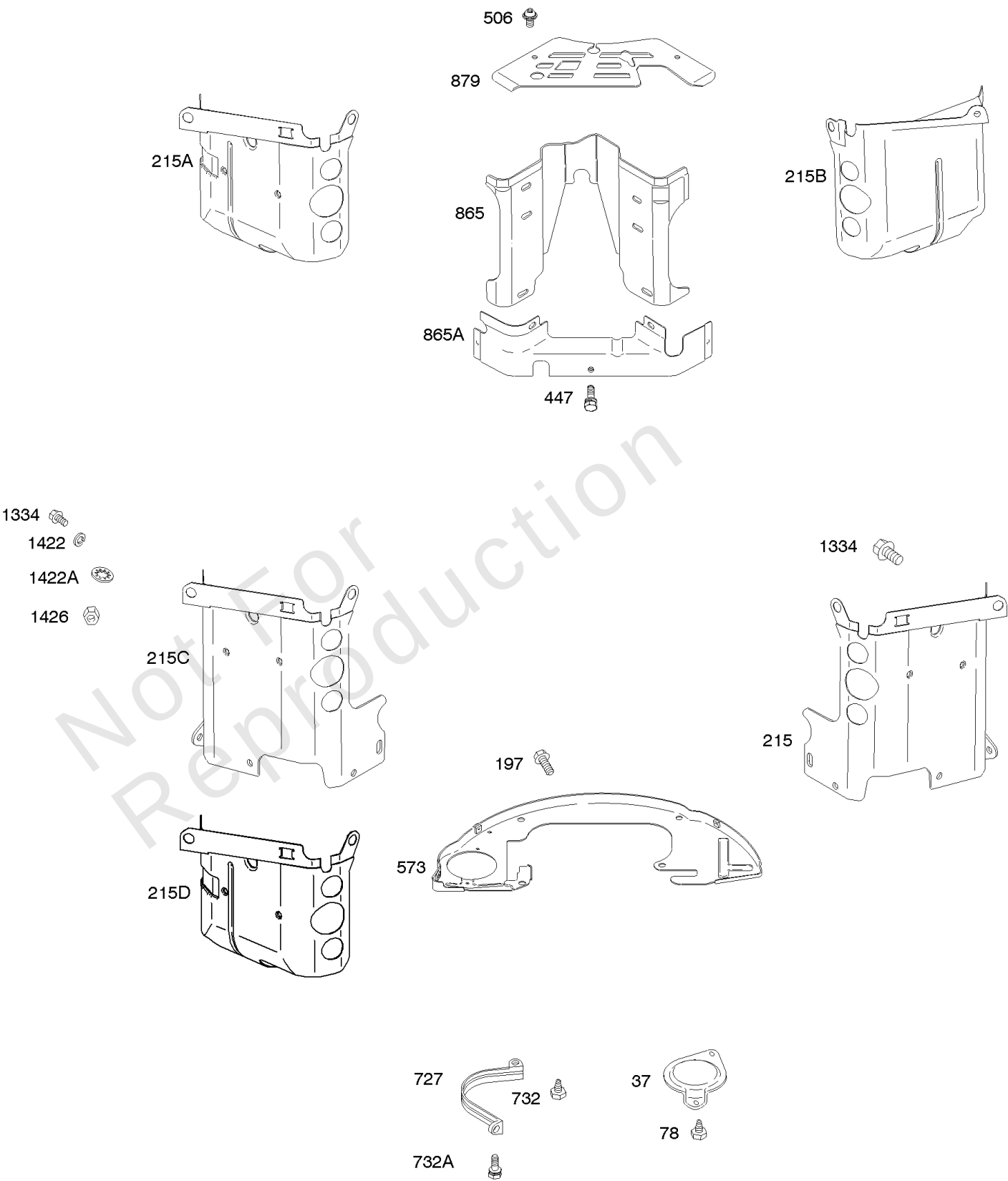
Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	3057773032	1	Replacement Engine
	494057	1	Replacement Short Block
	-----		Top No-Load Speed: 3300 -Trim: ALL
	-----		Service Note: Transfer the Muffler and/or Spark Arrester Assembly from the original engine if suitable for additional service, or add new parts as required. In some cases it maybe necessary to transfer the Oil Filter Adapter to the replacement engine.



Rewind Starter

REF NO	PART NO	QTY	DESCRIPTION
55	691568		HOUSING, Rewind Starter
55A	492193		HOUSING, Rewind Starter
56	692085		PULLEY, Rope Starter
56B	280918		PULLEY, Rope Starter
57	692086		SPRING, Rewind Starter
57A	492194		SPRING, Rewind Starter
58	66574		ROPE, Starter -(Cut To Required Length)
58A	695002		ROPE, Starter -(Cut To Required Length)
59	805957		INSERT, Grip
60	808167		GRIP, Starter Rope
60A	490652		GRIP-STARTER ROPE
65	691982		SCREW -(Rewind Starter)
65A	807163		SCREW -(Rewind Starter)
455	691517		CUP, Flywheel -Used After Code Date 93072500
455A	805153		CUP, Flywheel -Used Before Code Date 93072600
456	691529		PLATE, Pawl Friction
456A	224228		PLATE, Pawl Friction
459	808166		PAWL, Ratchet
459A	492431		PAWL, Ratchet
515	691528		SPRING, Pawl
597	690876		SCREW -(Pawl Friction Plate)
597A	94463		SCREW -(Pawl Friction Plate)
608	692102		STARTER, Rewind -Used After Code Date 93072500
608B	808152		STARTER, Rewind -Used Before Code Date 93072600
689A	262564		SPRING, Friction
773	690875		RETAINER -(Pawl Friction Plate)
1134	94464		WASHER -(Pawl Friction Plate)
1134A	94462		WASHER -(Pawl Friction Plate)



Shrouds

REF NO	PART NO	QTY	DESCRIPTION
37	841309		GUARD, Flywheel
78	690688		SCREW -(Flywheel Guard)
197	807163		SCREW -(Back Plate)
215D	841182		GUIDE, Air -(Cylinder 2)
447	841233		SCREW -(Air Guide Cover)
506	690677		SCREW -(Carburetor Cover)
573	841310		PLATE, Back
727	841313		COVER, Starter Drive
732	690688		SCREW -(Starter Drive Cover)
732A	841233		SCREW -(Starter Drive Cover)
865	841312		COVER, Air Guide -Used Before Code Date 07092800
865	843768		COVER, Air Guide -Used After Code Date 07092700
865A	841319		COVER, Air Guide
879	841860		COVER, Carburetor/EFI
1334	692067		SCREW -(Air Guide)
1422	690706		WASHER -(Air Guide)
1422A	691551		WASHER -(Air Guide) -Used Before Code Date 03110100
1426	690238		NUT -(Air Guide)



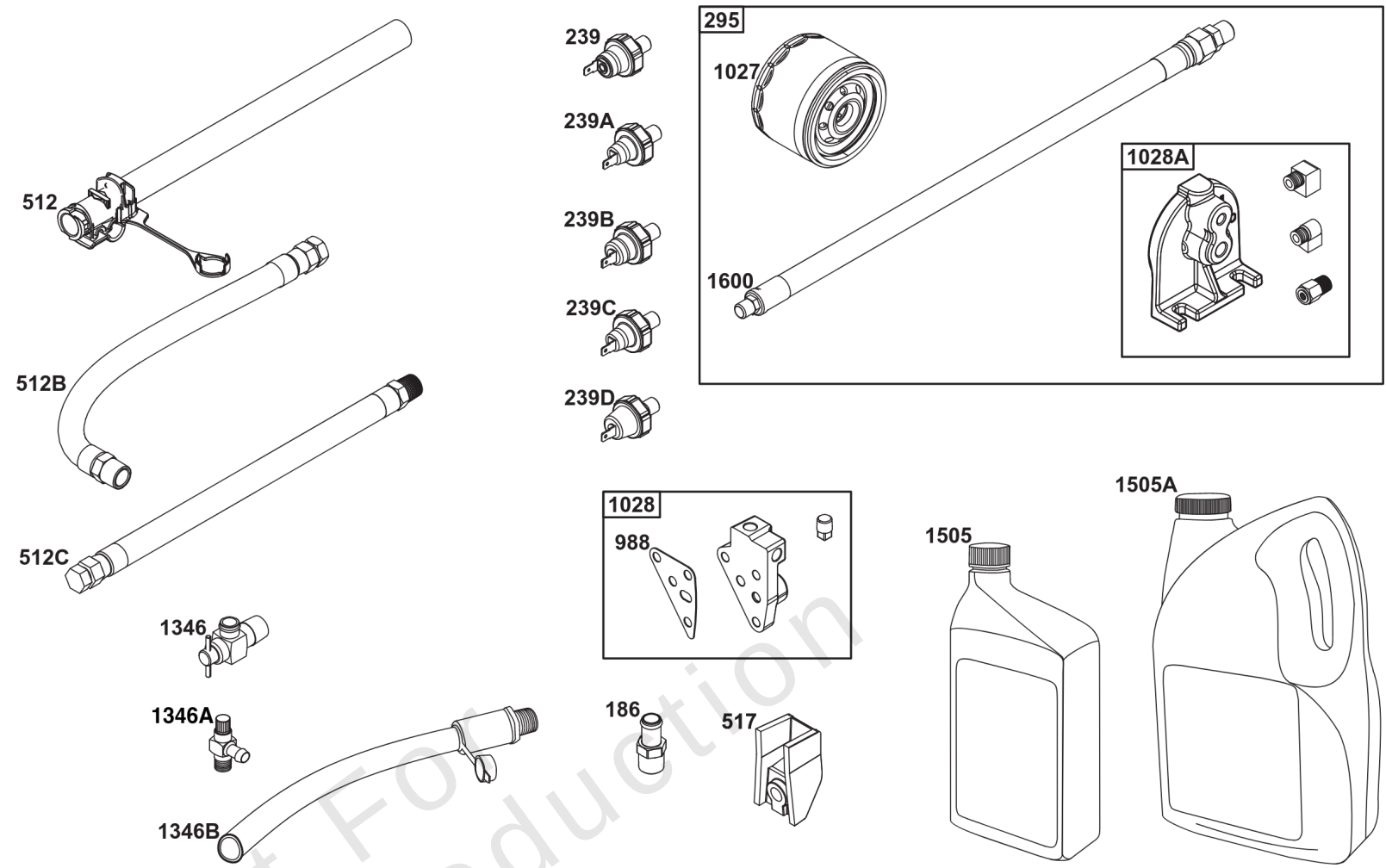
Model 29, 30, 35 & 38 Engine Accessories Catalog

Not For
Reproduction



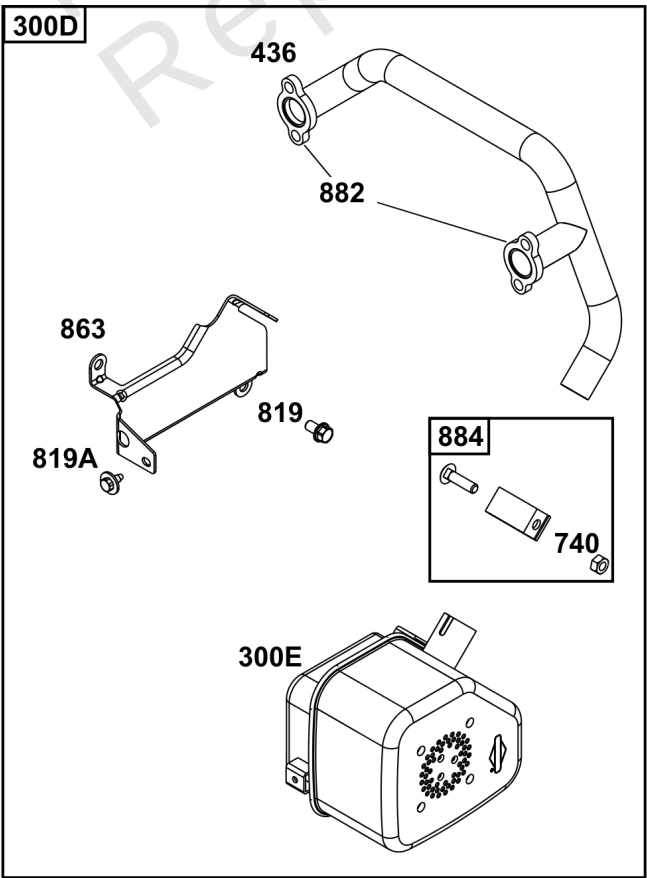
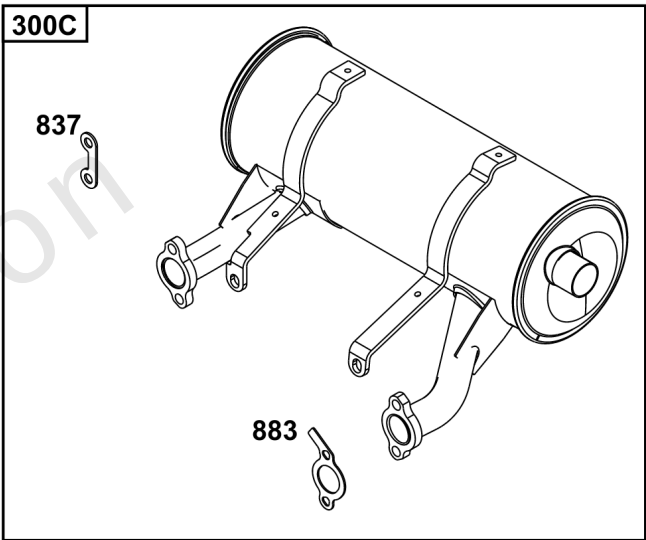
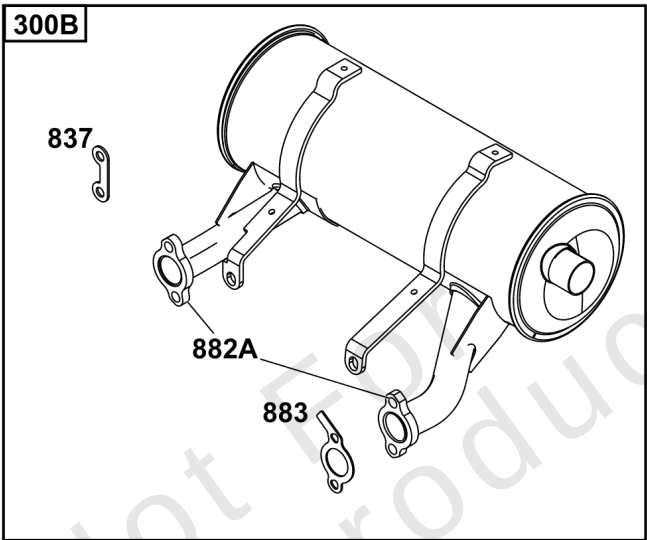
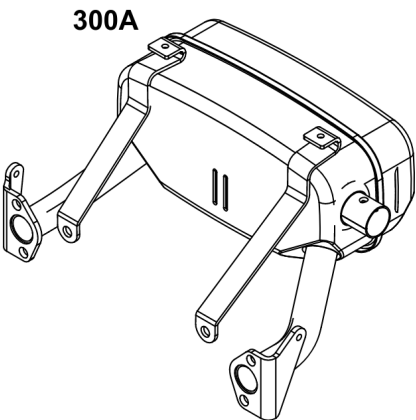
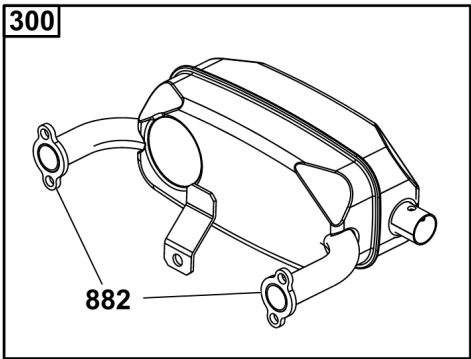
Maintenance Kits

REF NO	PART NO	QTY	DESCRIPTION
9000	84004936		KIT, Maintenance -(Non-Oil Guard™ Engines) (20 - 23 HP)
9000A	84004937		KIT, Maintenance -(Non-Oil Guard™ Engines) (12.5 - 18 HP)
9000B	84002315		KIT, Maintenance -(Non-Oil Guard™ Engines)
240	845125	1	FILTER, Fuel
240A	84001895	1	FILTER, Fuel
337	491055S	2	PLUG, Spark
337	84007216	2	PLUG, Spark -(China Only)
445	692519	1	FILTER, A/C Cartridge -"Professional / PXi" & "Commercial / CXi".
445A	394018S	1	FILTER, A/C Cartridge -"Professional / PXi" & "Commercial / CXi".
445B	841497	1	FILTER, A/C Cartridge -"Professional / PXi" & "Commercial / CXi".
967	692520	1	FILTER, Pre Cleaner
967A	272490S	1	FILTER, Pre Cleaner
1027	842921	1	FILTER, Oil -(Vanguard®)
1505	100169		OIL-1QT VANGUARD (CASE) -(1 qt. Bottle)



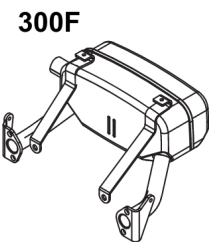
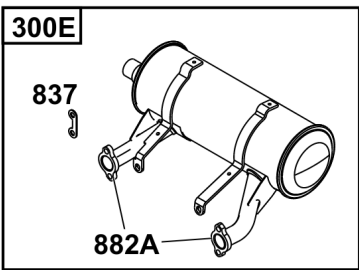
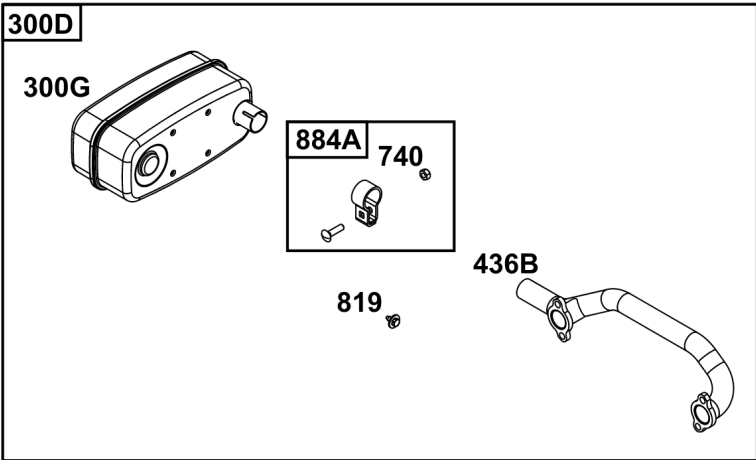
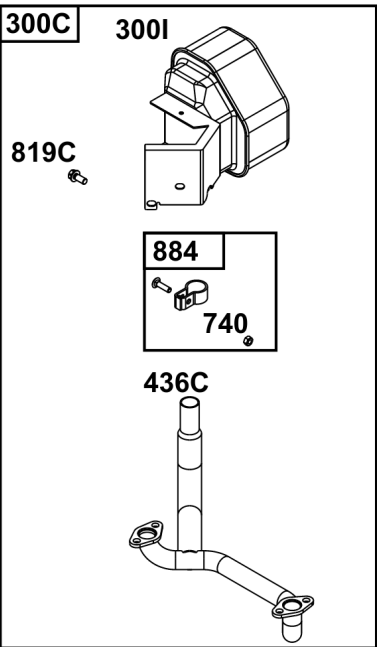
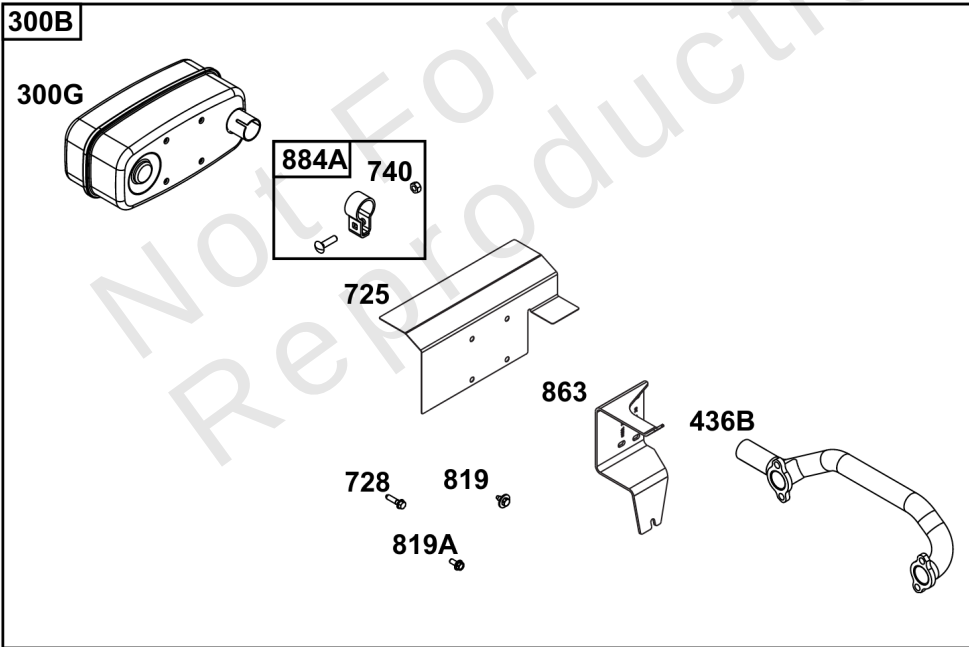
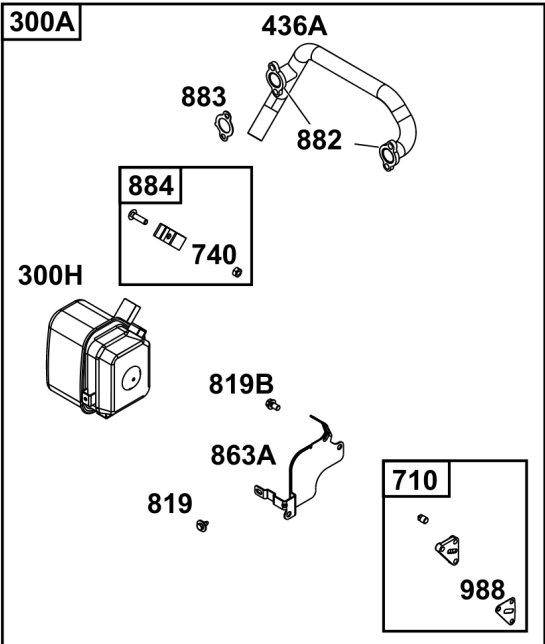
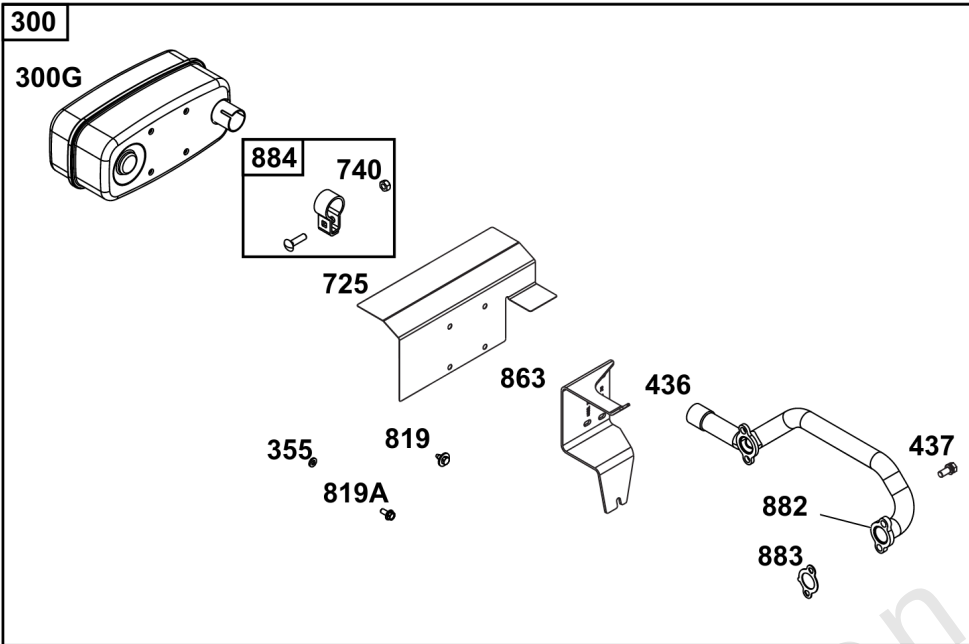
Lubrication

REF NO	PART NO	QTY	DESCRIPTION
186	796532	1	CONNECTOR, Hose -(Threaded Engine Block Connector for EZ-Oil Drain Hose)(Order hose separate)
239	690233	1	SWITCH, Oil Pressure -(2-4 PSI Normally-Closed Switch)
239A	491657S	1	SWITCH, Oil Pressure -(3-5 PSI Normally-Closed Switch)
239B	841281	1	SWITCH, Oil Pressure -(7-10 PSI Normally-Closed Switch)
239C	694115	1	SWITCH, Oil Pressure -(9-13 PSI Normally-Closed Switch)
239D	697049	1	SWITCH, Oil Pressure -(3-6 PSI Normally-Open Switch)
295	492061	1	ADAPTER, Remote Oil Filter -(Remote oil filter head with 18" (48 cm) hoses)
295	492062	1	ADAPTER, Remote Oil Filter -(Remote oil filter head with 30" (76 cm) hoses)
512	594200	1	HOSE, Oil Drain -(EZ-Oil Drain Hose, 10.5")(Order threaded engine block connector separate)
512	593635	1	HOSE, Oil Drain -(EZ-Oil Drain Hose, 13.75")(Order threaded engine block connector separate)
512B	1723165SM	1	HOSE, Oil Drain, 10-1/2" Long, 3/8-18 Fittings -(10.5")
512C	5048681SM	1	HOSE, OIL DRAIN -(12.5")
517	593633	1	RETAINER, Oil Drain
988	692063	1	GASKET, Oil Adapter
1027	492932S	1	FILTER, Oil
1028	492687	1	ADAPTER, Oil Filter -(Adapter Kit for mounting remote oil filter)
1028A	495244	1	ADAPTER-OIL FILTER -(Remote oil filter mounting head with fittings)
1346	844802	1	VALVE, Oil Drain Shut Off
1346A	492031	1	VALVE, Oil Drain Shut Off
1346B	5401WEB	1	VALVE, Oil Drain Shut Off -(1/4 Turn Oil Drain Valve with Hose)
1505	100169		OIL-1QT VANGUARD (CASE) -(1 qt. Bottle)
1505A	100170		OIL-5QT VANGUARD (CASE) -(5 qt. Bottle)
1600	494724	2	HOSE, Remote Oil Filter -(Hoses only (2) 18" (48 cm))
1600	494725	2	HOSE, Remote Oil Filter -(Hoses only (2) 30" (76 cm))



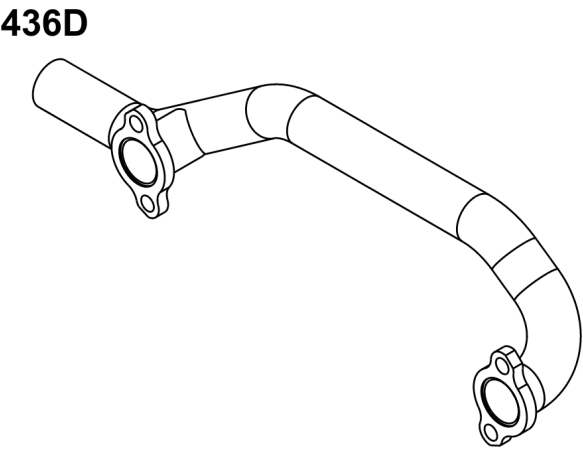
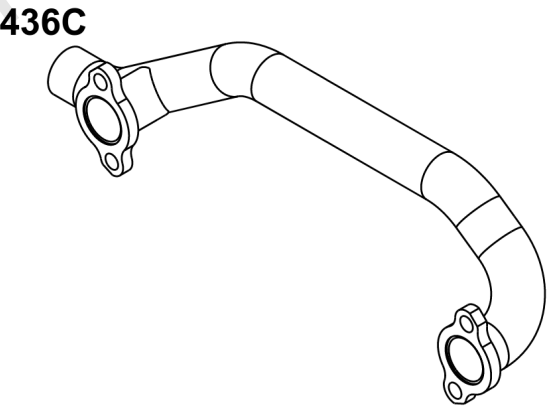
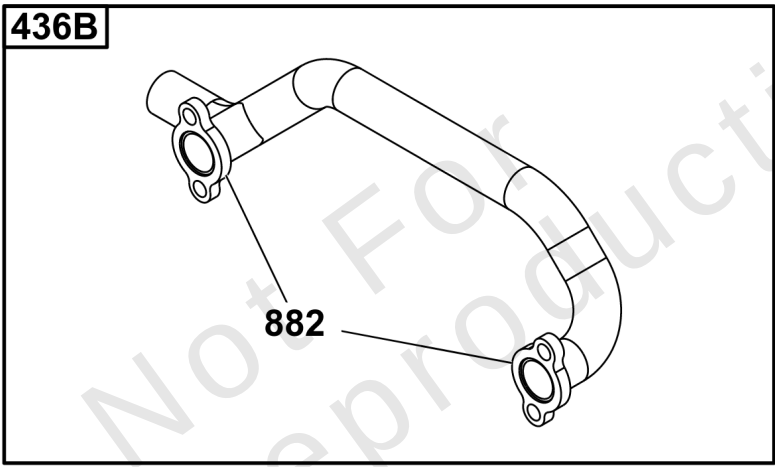
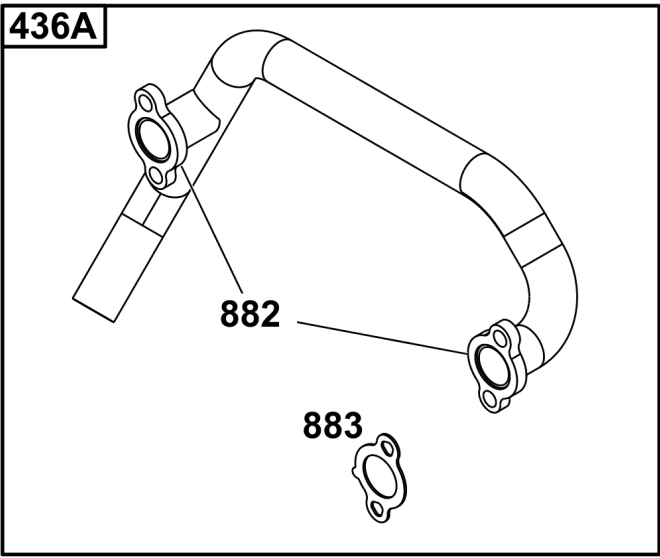
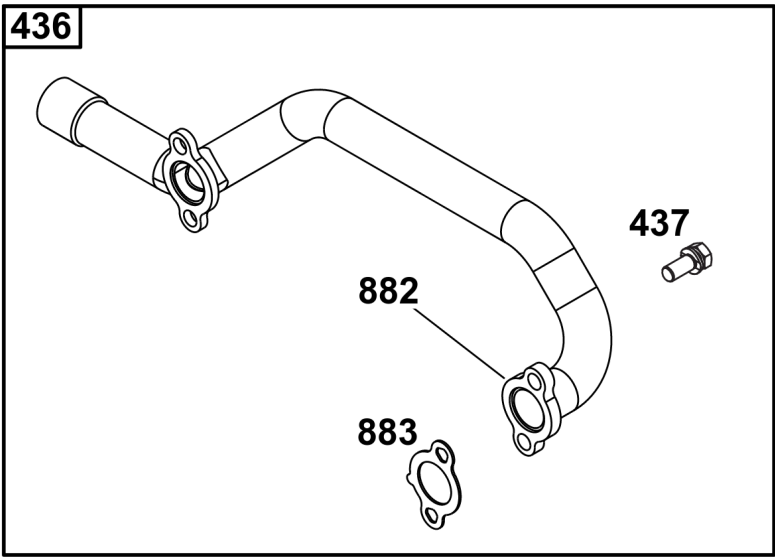
Starter Motor Side Outlet Mufflers

REF NO	PART NO	QTY	DESCRIPTION
300	690931	1	MUFFLER -(Super Lo-Tone) (Horizontal: 3054, 3564)
300A	690906	1	MUFFLER -(Super Lo-Tone) (Horizontal: 3054, 3564)
300B	808705	1	MUFFLER -(5" Round) (Horizontal: 3854, 3864)
300C	845873	1	MUFFLER -(5" Round, Stainless Steel) (Horizontal: 3854, 3864)
300D	995005	1	MUFFLER ASSY -(Lo-Tone) (Horizontal: 3054, 3564)
300E	692099	1	MUFFLER -(Lo Mount)
436	691499	1	MANIFOLD, Exhaust -(Cylinder 1) (Side Outlet)
740	793859	1	NUT
819	692056	2	SCREW -(Muffler Bracket) (M8x1.25)
819A	691514	2	SCREW -(Muffler Bracket) (M6 X 1.0)
837	808085	2	SPACER, Muffler -(Includes 2)
863	690756	1	BRACKET, Muffler -(Cylinder 1) (Side Outlet)
882	692074	2	FLANGE, Exhaust
882A	806965	2	FLANGE, Exhaust
883	806425	2	GASKET, Exhaust
884	690898	1	CLAMP, Muffler



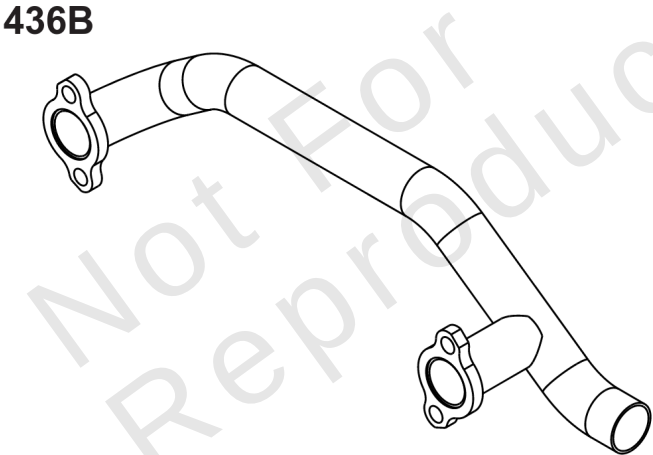
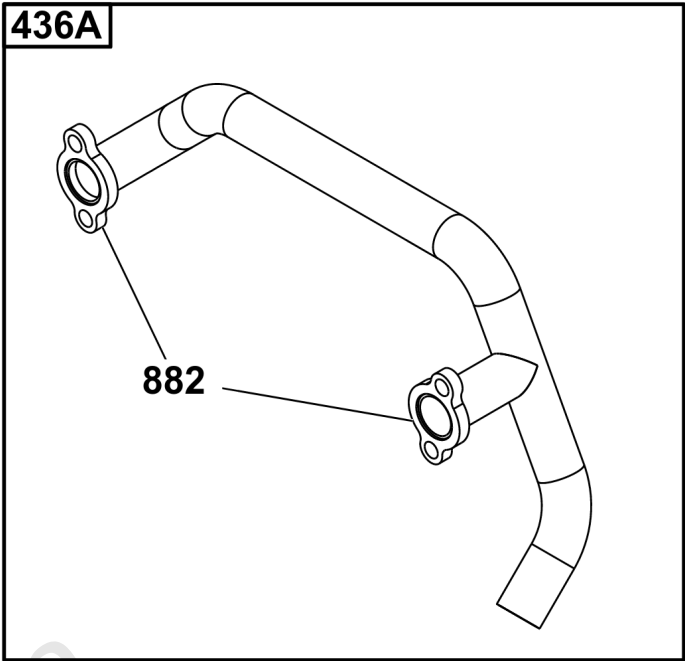
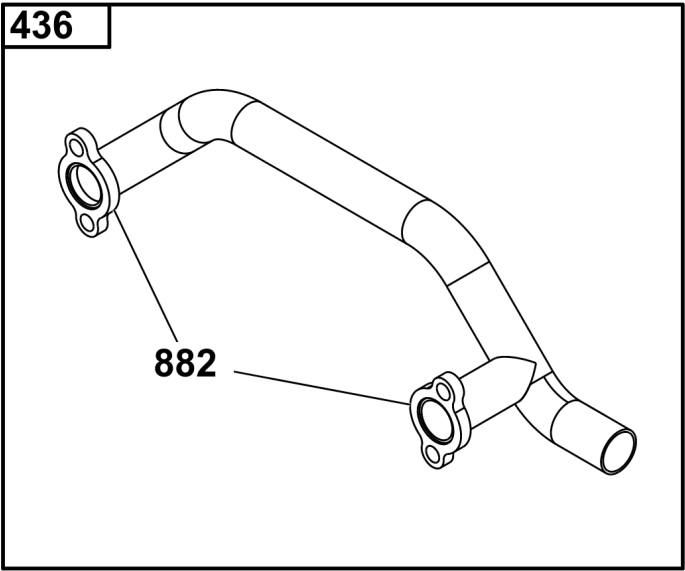
Oil Filter Side Outlet Mufflers

REF NO	PART NO	QTY	DESCRIPTION
300	995002	1	HIGH MNT SPR LO-TONE OIL FLTR SIDE -(Super Lo-Tone) (Horizontal: 3054, 3564) (Vertical: 3567)
300A	995000	1	OIL FILTER SIDE LO-MT -(Lo-Tone) (Horizontal: 3054, 3564) (Requires 808033 Oil Filter Adaptor)
300B	995004	1	HI MNT SPR LO-TONE OIL FLT SIDE -(Super Lo-Tone) (Horizontal: 3854, 3864) (Vertical: 3867)
300C	995009	1	COMMERCIAL MOWERS KIT -(For Wide Area Walker) (Vertical: 3567)
300D	995010	1	COMMERCIAL MOWERS KIT -(Vertical: 3867)
300E	808896	1	MUFFLER
300F	691562	1	MUFFLER -(Super Lo-Tone) (Horizontal: 3054, 3564)
300G	498984S	1	MUFFLER -(Super Lo Tone)
300H	807948	1	MUFFLER -(Lo Mount)
300I	807953	1	MUFFLER
355	842122	2	WASHER -(Muffler Bracket)
436	805609	1	MANIFOLD, Exhaust -(Cylinder 2) (Side Outlet)
436A	692061	1	MANIFOLD, Exhaust -(Cylinder 2) (Side Outlet)
436B	808916	1	MANIFOLD, Exhaust -(Cylinder 2) (Side Outlet)
436C	805778	1	MANIFOLD, Exhaust -(Wide Area Walker)
437	691902	4	SCREW -(Exhaust Manifold)
710	807689	1	COVER, Oil Filter
725	806102	1	SHIELD, Heat
728	690297	2	SCREW
740	793859	1	NUT
819	691514	2	SCREW -(Muffler Bracket) (M6 X 1.0)
819A	807084	2	SCREW -(Muffler Bracket)
819B	692056	2	SCREW -(Muffler Bracket) (M8x1.25)
819C	692062	2	SCREW -(Muffler Bracket)
837	808085	2	SPACER, Muffler -(Includes 2)
863	806759	1	BRACKET, Muffler
863A	691513	1	BRACKET, Muffler
882	692074	2	FLANGE, Exhaust -(3054 & 3564)
882A	806965	2	FLANGE, Exhaust
883	691613	2	GASKET, Exhaust
884	690898	1	CLAMP, Muffler
884A	691956	1	CLAMP, Muffler
988	690687	1	GASKET, Oil Adapter



Oil Filter Side Outlet Manifolds

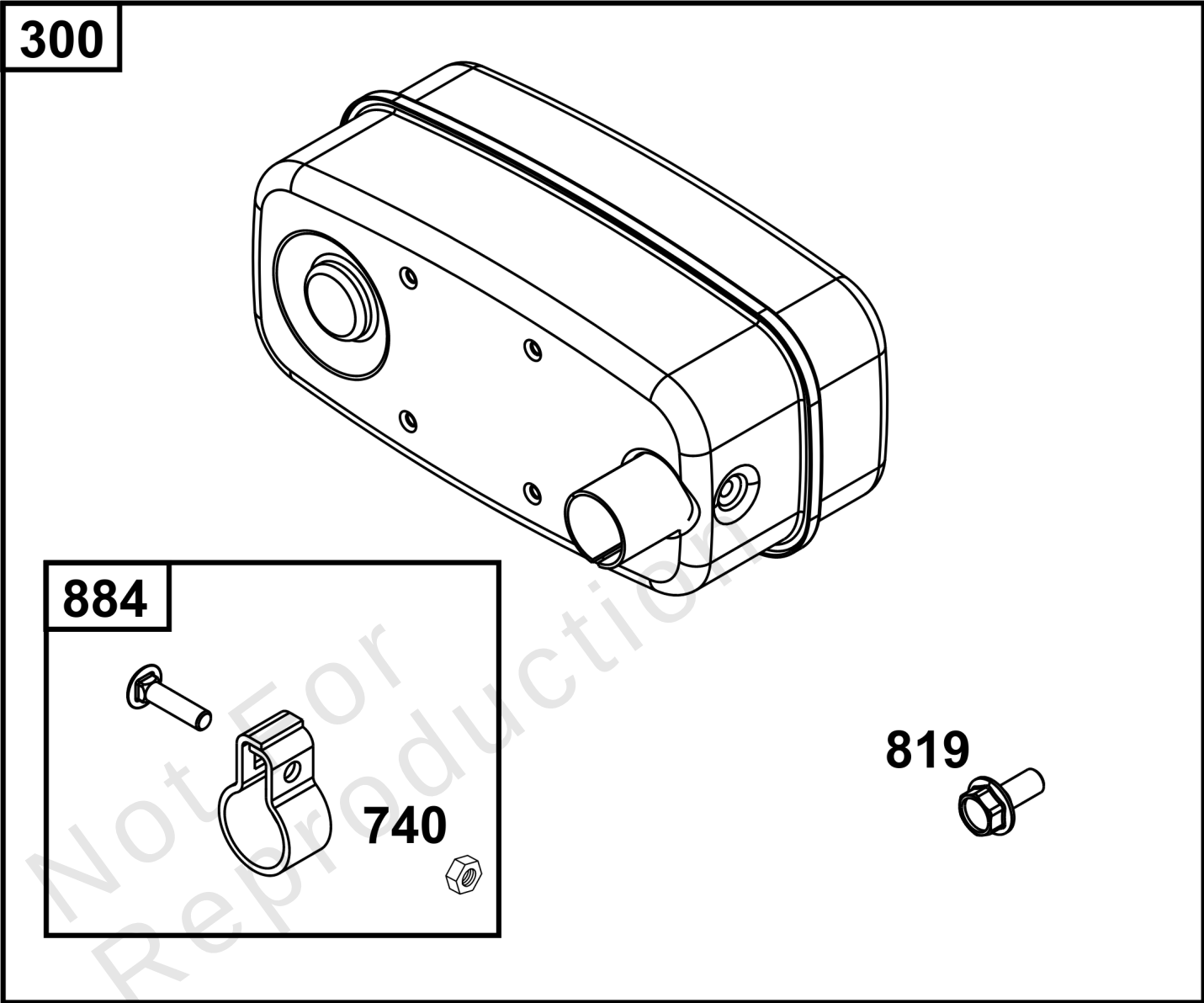
REF NO	PART NO	QTY	DESCRIPTION
436	805609	1	MANIFOLD, Exhaust -(Vertical: 3567)
436A	692061	1	MANIFOLD, Exhaust -(Horizontal: 3054, 3564)
436B	691501	1	MANIFOLD, Exhaust -(Horizontal: 3054, 3564)
436C	808908	1	MANIFOLD, Exhaust -(Horizontal: 3854, 3864)
436D	808916	1	MANIFOLD, Exhaust -(Horizontal: 3854, 3864) (Vertical: 3867)
437	691902	4	SCREW -(Exhaust Manifold)
882	692074	2	FLANGE, Exhaust
883	691613	2	GASKET, Exhaust



Starter Motor Side Outlet Manifolds

REF NO	PART NO	QTY	DESCRIPTION
436	691502	1	MANIFOLD, Exhaust -(Horizontal: 3054, 3564)
436A	691499	1	MANIFOLD, Exhaust -(Horizontal: 3054, 3564)
436B	808909	1	MANIFOLD, Exhaust -(Horizontal: 3854, 3864) (Vertical: 3867)
882	692074	2	FLANGE, Exhaust

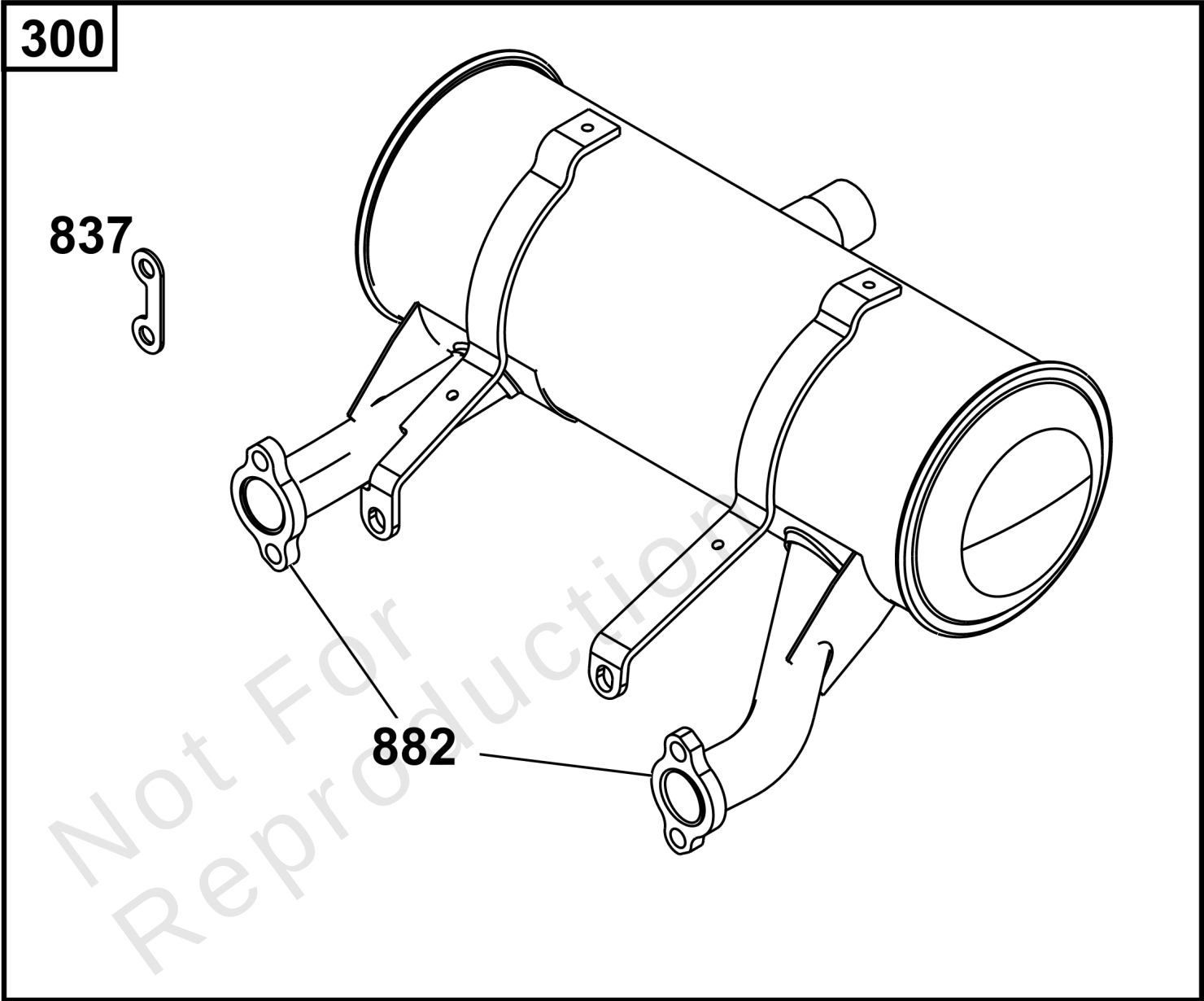
Not For Reproduction



Mufflers

REF NO	PART NO	QTY	DESCRIPTION
300	995018	1	MUFFLER -(Inlet I.D. 1.14" (28.9mm))
740	793859	1	NUT
819	807084	4	SCREW
884	691956	1	CLAMP, Muffler

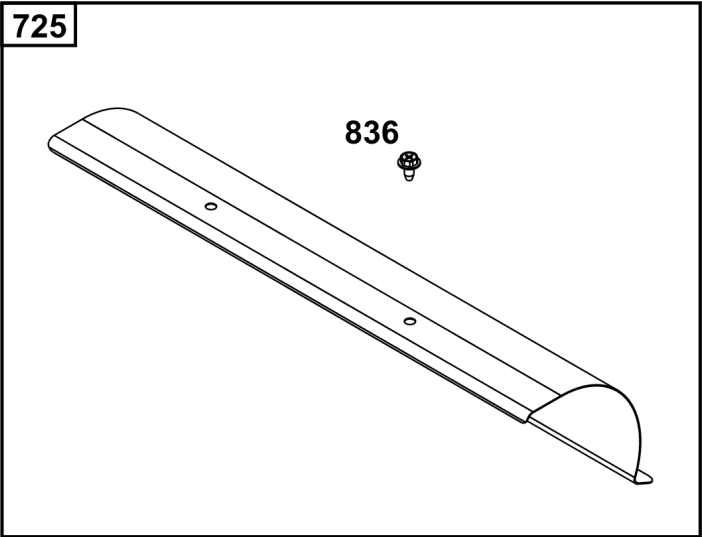
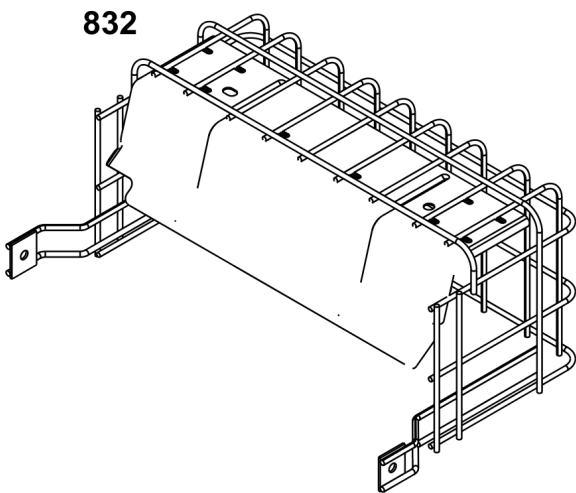
Not For Reproduction



Center Outlet Mufflers

REF NO	PART NO	QTY	DESCRIPTION
300	808911	1	MUFFLER -(5" Round) (Horizontal: 3854, 3864)
837	808085	2	SPACER, Muffler
882	806965	2	FLANGE, Exhaust

Not For Reproduction

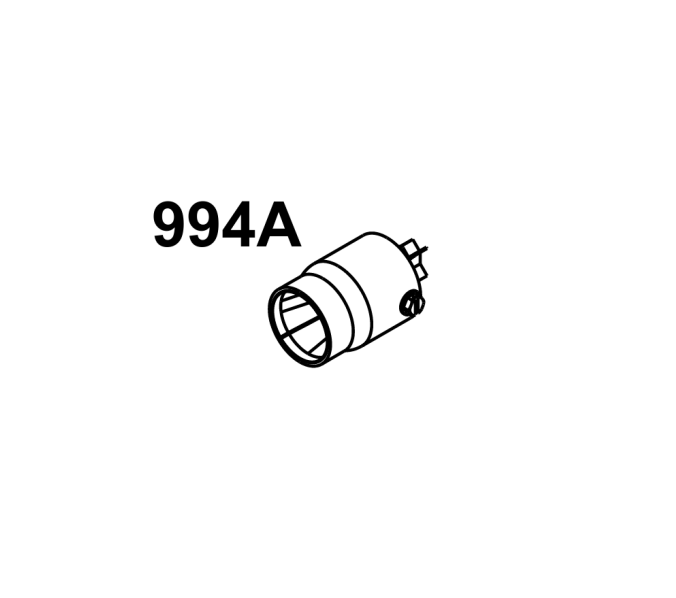
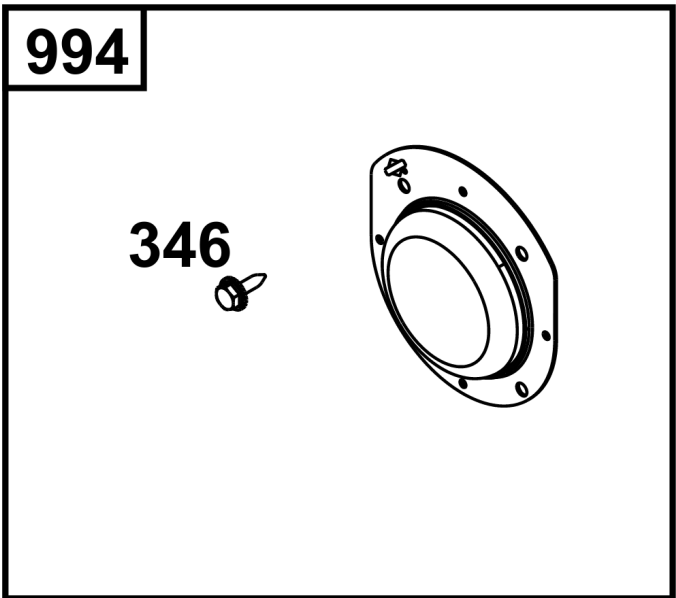
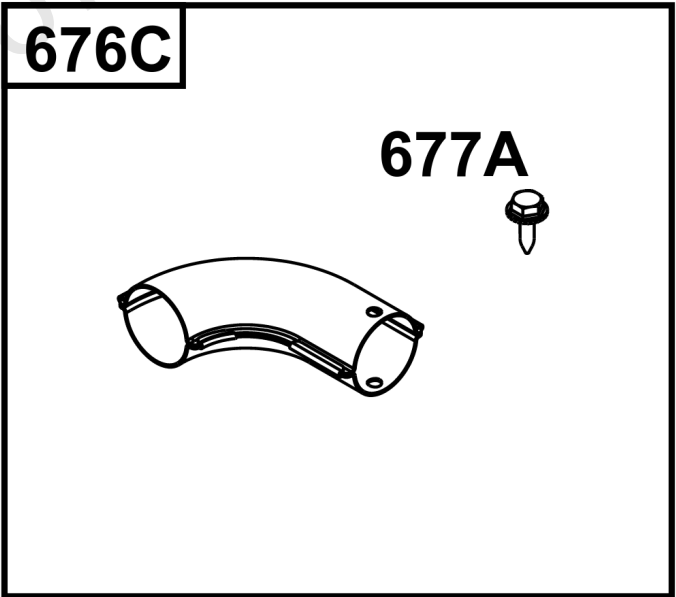
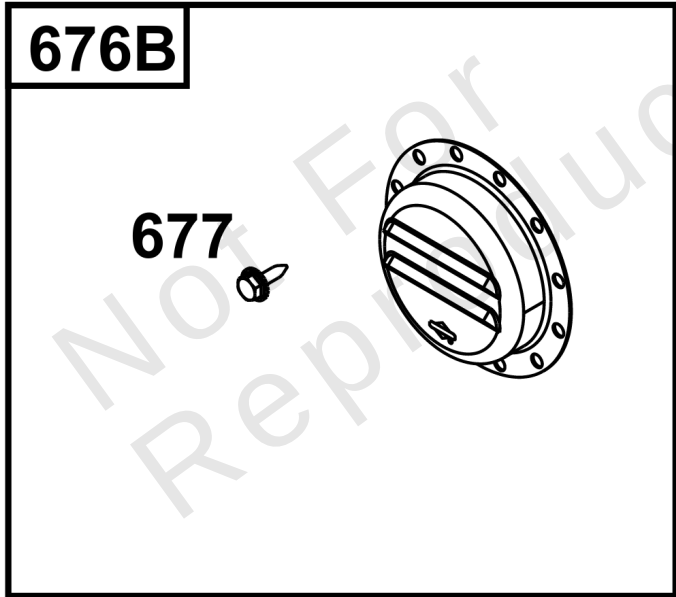
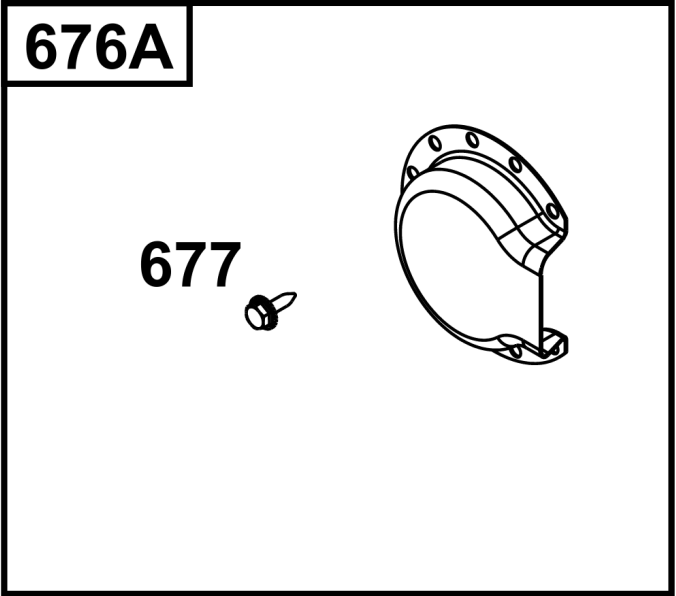
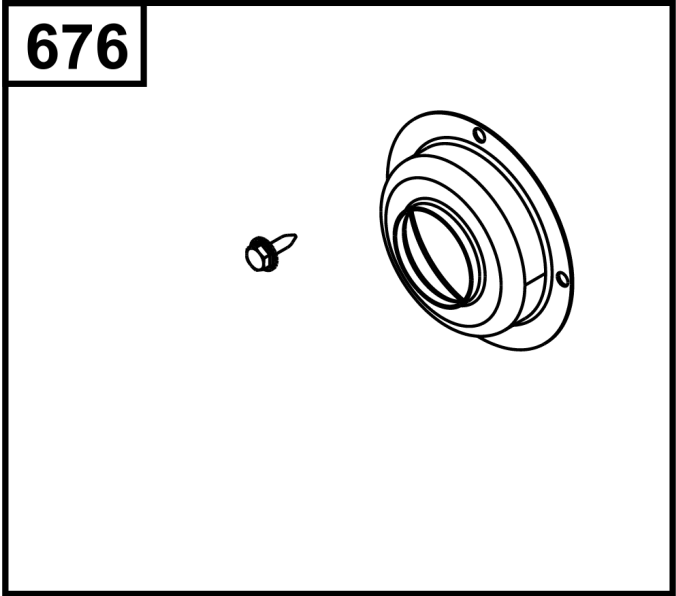


Not For
Reproduction

Muffler Guards and Shields

REF NO	PART NO	QTY	DESCRIPTION
725	846568	1	SHIELD, Heat -(For 5" Round Mufflers) (Horizontal: 3854, 3864)
832	691571	1	GUARD, Muffler -(Assembly for 690906 & 691562) (Horizontal: 3054, 3564)
836	692067	4	SCREW

Not For Reproduction



Spark Arrestors and Deflectors

REF NO	PART NO	QTY	DESCRIPTION
346	794845	4	SCREW -(Spark Arrestor)
676	396903	1	DEFLECTOR, Muffler -(Direct Outlet) (Face Mounting with 4 Screws)
676A	795036	1	DEFLECTOR, Muffler -(Deflector 90 Degree) (Face Mounting with 4 Screws)
676B	795038	1	DEFLECTOR, Muffler -(Deflector Louvered) (Face Mounting with 4 Screws)
676C	495518	1	DEFLECTOR, Muffler -(Elbow for Muffler Assembly) (For Exit Pipe O.D. of 1.10" (28mm))
677	794845	4	SCREW -(Muffler Deflector)
677A	810079	1	SCREW -(Muffler Deflector)
994	794945	1	ARRESTOR, Spark -(Spark Arrestor) (Face Mounting with 4 Screws)
994A	594562	1	ARRESTOR, Spark -(Spark Arrestor) (For Exit Pipe O.D. of 1.10" (28mm))

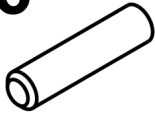
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1177



296



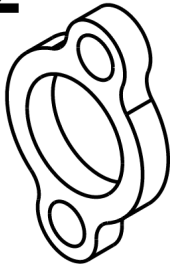
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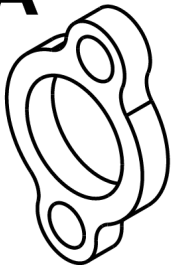
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882

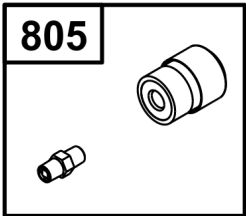
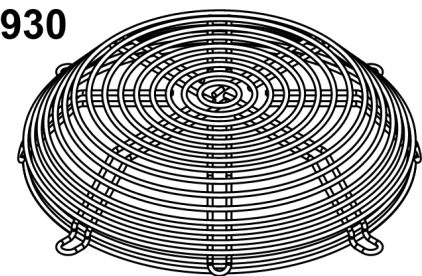
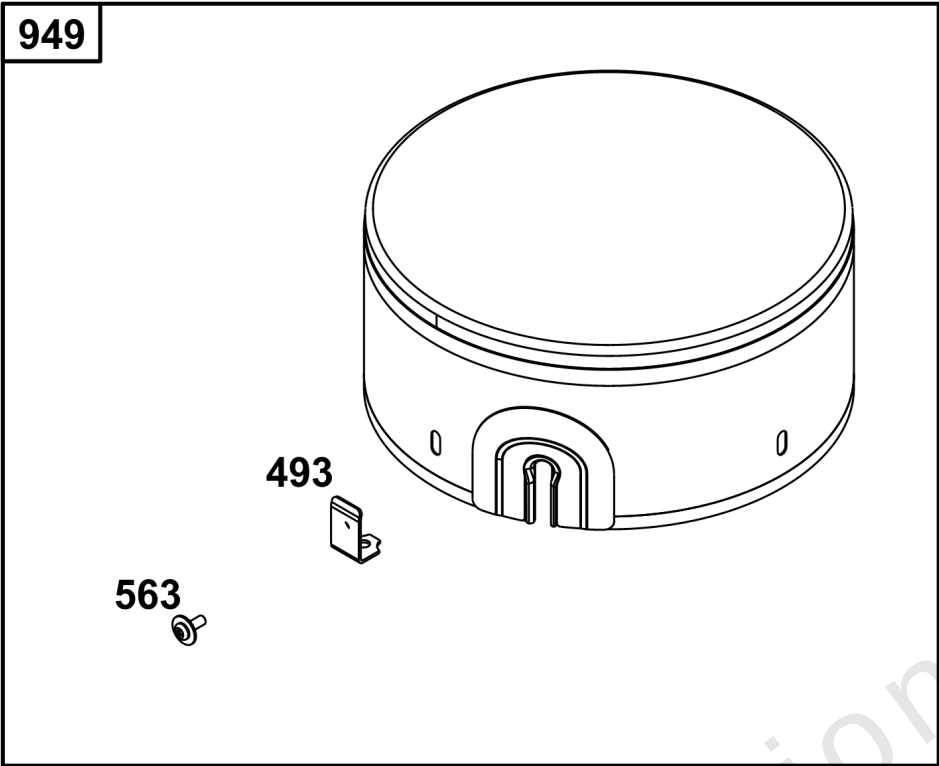


882A



Muffler Mounting Hardware

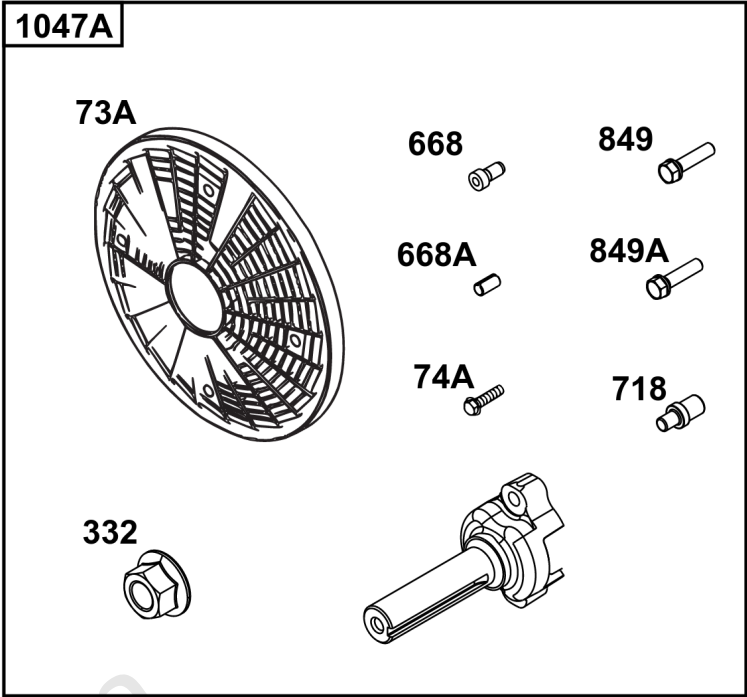
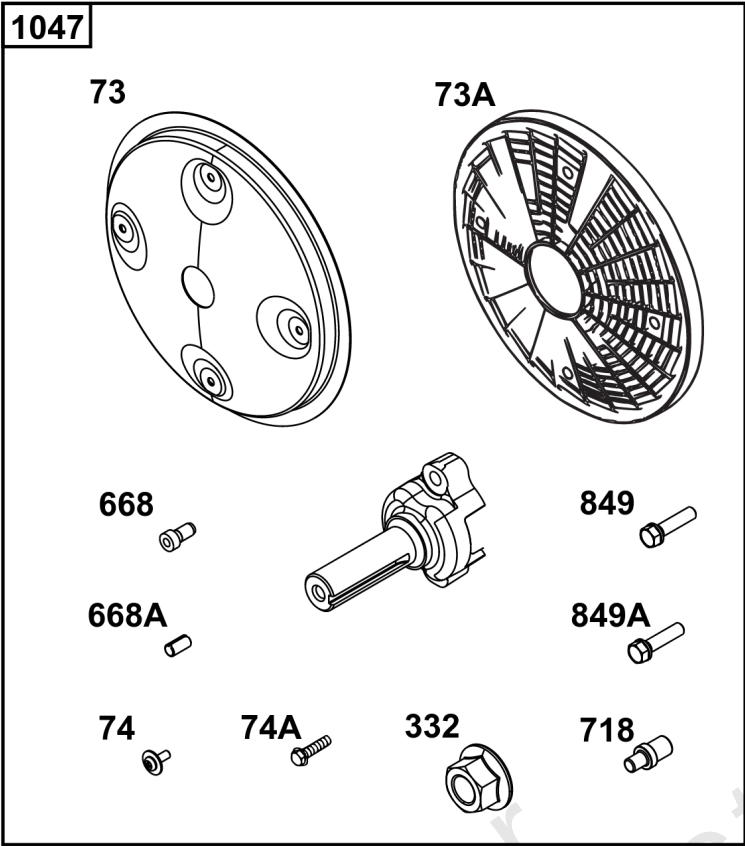
REF NO	PART NO	QTY	DESCRIPTION
296	841185	4	STUD -(Mounting Mufflers)
613	691902	4	SCREW -(Mounting Mufflers)
882	692074	2	FLANGE, Exhaust -(3054 & 3564)
882A	806965	2	FLANGE, Exhaust -(3854 & 3864)
883	806425	2	GASKET, Exhaust -(Horizontal: 3854, 3864) (Vertical: 3567)
883A	691613	2	GASKET, Exhaust -(Horizontal: 3054, 3564) (Vertical: 3567)
1177	842067	4	NUT -(Required if Using 841185)



Flywheel and Air Intake Guards

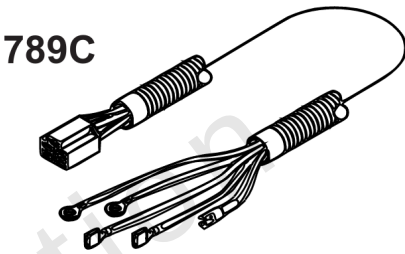
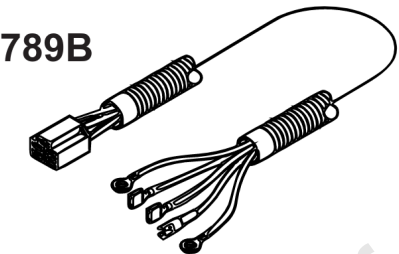
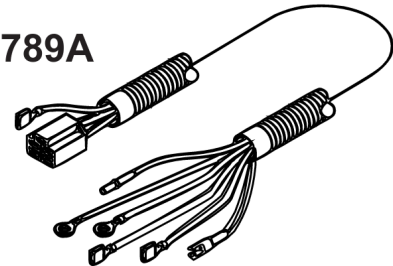
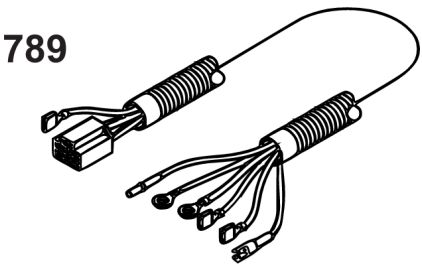
REF NO	PART NO	QTY	DESCRIPTION
493	845729	4	BRACKET, Mounting
563	841441	4	SCREW
805	843024	1	MINDER, Filter -(For Engines with Cyclonic Air Filter)
930	846284	1	GUARD, Flywheel Fan
949	845728	1	GUARD, Debris Screen -(Vertical: 3867)

Not For Reproduction



PTO

REF NO	PART NO	QTY	DESCRIPTION
73	841582	1	SCREEN, Rotating
73A	494439	1	SCREEN, Rotating
74	841441	4	SCREW -(Rotating Screen)
74A	691647	4	SCREW -(Rotating Screen)
332	690887	1	NUT -(Flywheel)
668	691500	4	SPACER -(Rotating Screen)
668A	691215	4	SPACER -(Rotating Screen)
718	841581	1	PIN, Locating -(32MM)
849	691088	2	SCREW -(Stub Shaft)
849A	846236	2	SCREW -(Stub Shaft)
1047	841580	1	SHAFT, Stub -(1" Diameter) (4.75" Length)
1047A	842655	1	SHAFT, Stub -(1" Diameter) (5.43" Length)



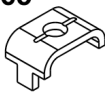
578

LOOSE CONNECTOR:
TE # 1-480704-0
MATE-N-LOK 6 POSITION HOUSING

Electrical

REF NO	PART NO	QTY	DESCRIPTION
415	1714480SM	1	PLUG -(Plug for Ignition Switch Removal)
578	84007350	1	WIRE ASSEMBLY -(Aids in Repowering Engine Application with 6-Pin Connector and Wires with Terminals to Create Custom Adapter Configurations)
789	691996	1	HARNESS, Wiring -(For 16 Amp Alternators)
789A	841318	1	HARNESS, Wiring -(For 16 Amp Alternators with Solenoid Shift Starter)
789B	847601	1	HARNESS, Wiring -(For 20 Amp Alternators)
789C	847602	1	HARNESS, Wiring -(For 20 Amp Alternators with Solenoid Shift Starter)

265



265A



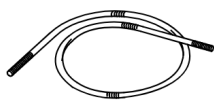
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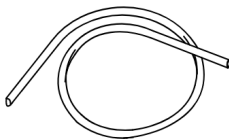
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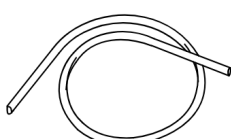
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269



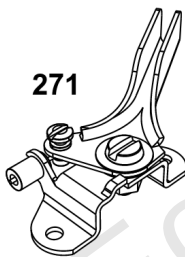
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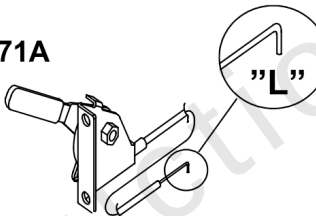
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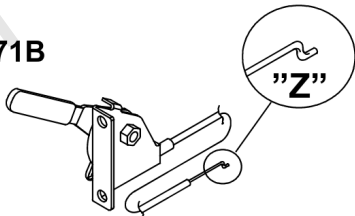
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271A



271B



620

265



262



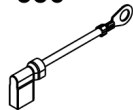
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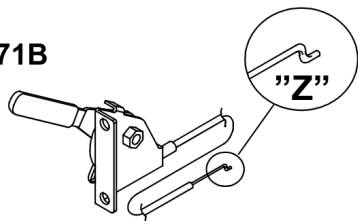
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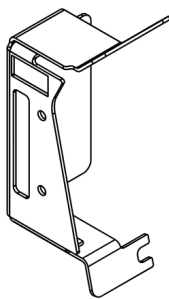
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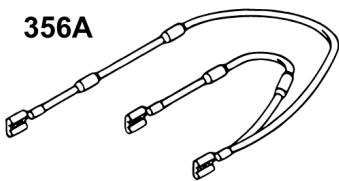
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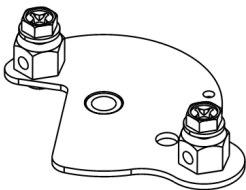
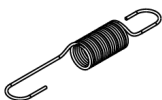
281



356A



416A



1619



Speed Control

REF NO	PART NO	QTY	DESCRIPTION
262	841552	1	SCREW
265	691024	1	CLAMP, Casing -(Casing Clamp for Hard Casing)
265A	690798	1	CLAMP, Casing -(Casing Clamp for Soft Casing)
267	792629	1	SCREW -(Screw for Casing Clamp)
268	691025	1	CASING, Control Wire -(Wire Casing 72")
269	26634	1	WIRE, Control -(Control Wire 78")
269A	93907	1	WIRE, Control -(Control Wire 100")
270	691027	1	NUT -(Nut for Wire Casing)
271	691028	1	LEVER, Control -(Speed Control Lever Assembly)
271A	692105	1	LEVER, Control -(Speed Control Lever Assembly) ('L' Shaped End)
271B	692541	1	LEVER, Control -(Speed Control Lever Assembly) ('Z' Shaped End)
281	690742	1	PANEL, Control
347	691995	1	SWITCH-ROCKER
356	690796	1	WIRE, Stop
356A	691999	1	WIRE ASSEMBLY
416	595196	1	BRACKET, Throttle Cable -(Casing Clamp for Snap-In Casing)
416A	84006945	1	BRACKET, Throttle Cable
561	806447	1	NUT
620	494052	1	BRACKET, Control -(Throttle Control for Vanguard V-Twin Horizontal Small Block)
1619	691693	1	SCREW

