

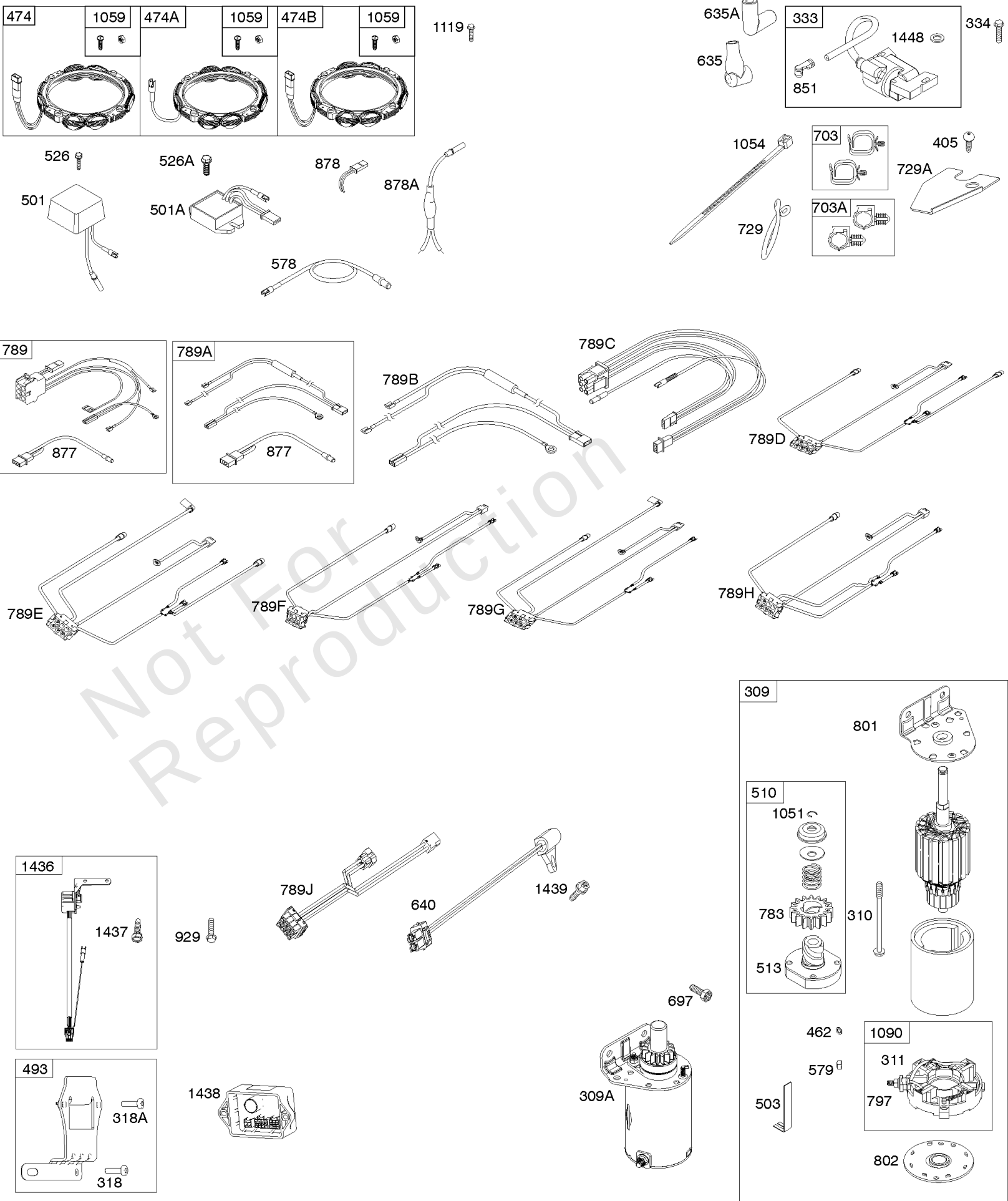


Parts Manual

Mfg. No: 44P777-0113-E1

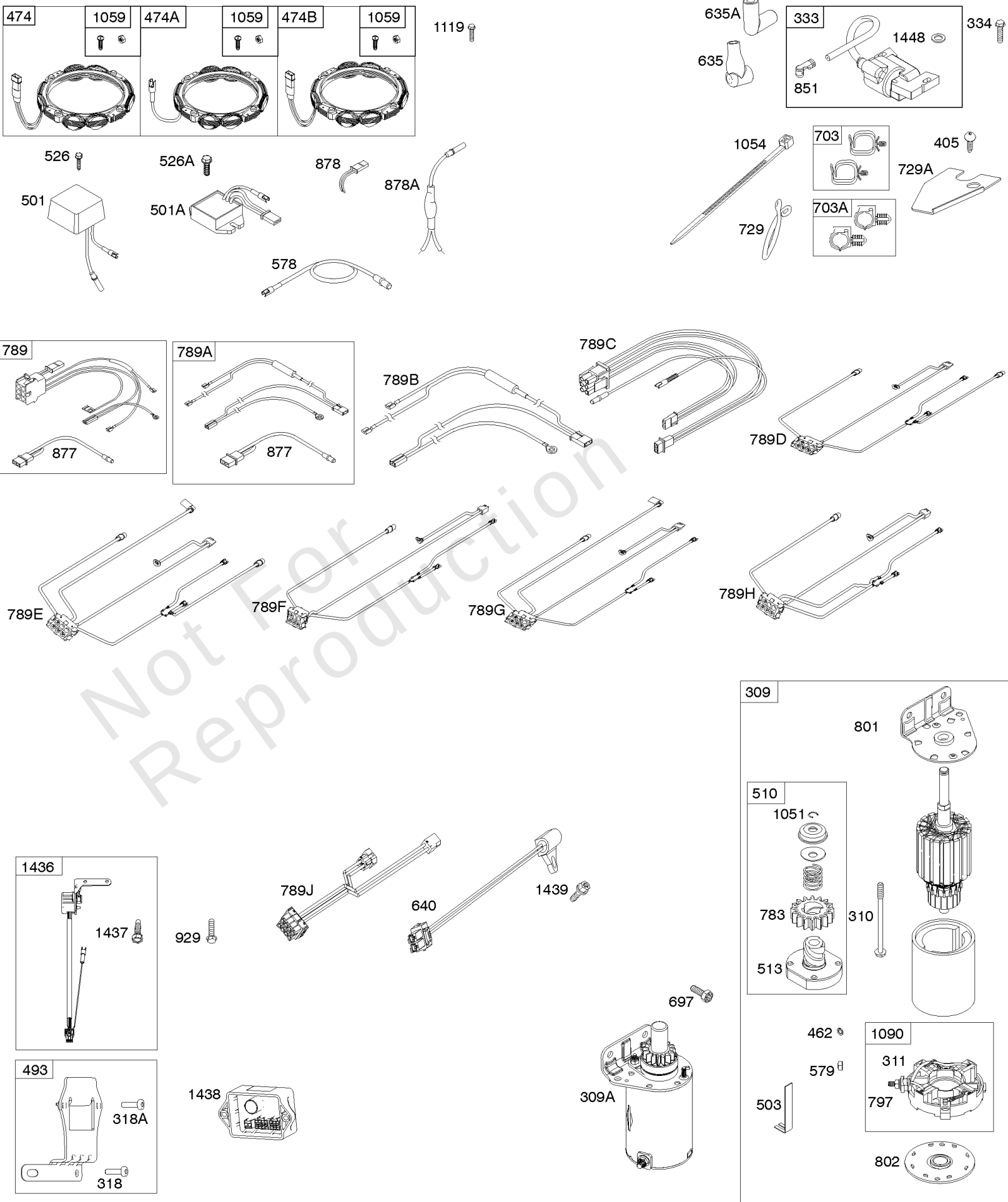
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Not For
Reproduction



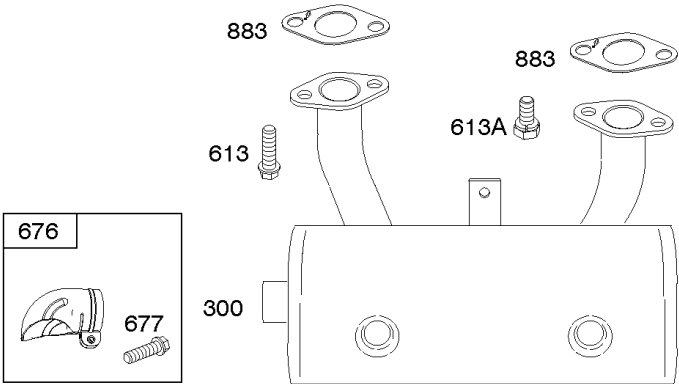
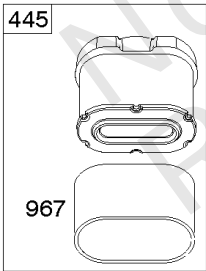
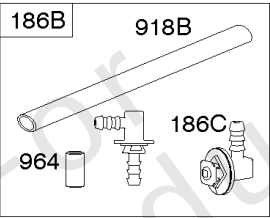
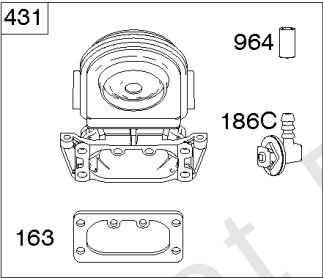
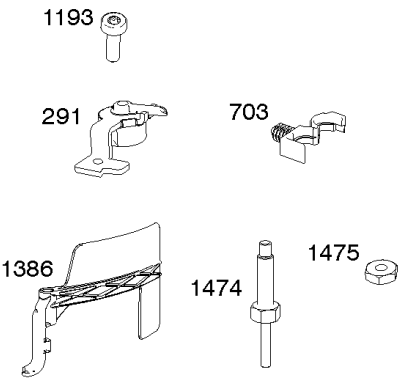
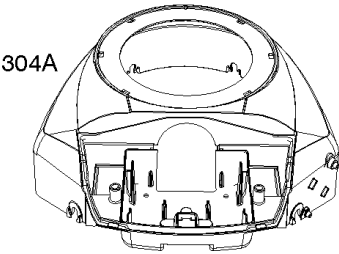
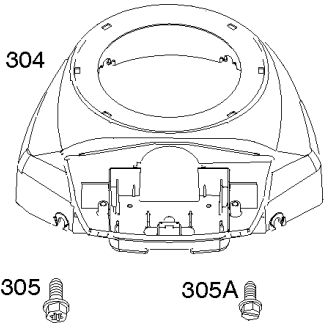
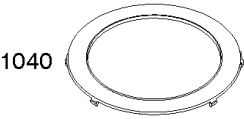
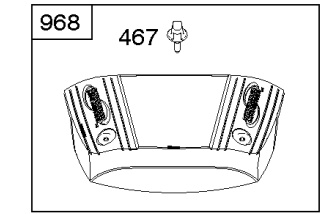
Alternator, Wire Harness, Starter, Ignition, EFM

REF NO	PART NO	QTY	DESCRIPTION
309	795121		MOTOR, Starter
310	691263		BOLT -(Starter Motor) (4 3/8 Housing)
311	497608		SET, Brush
318	691127		SCREW -(Mounting Bracket)
318A	792629		SCREW -(Mounting Bracket) (Electronic Choke Module To Mounting Bracket)
333	799651		ARMATURE, Magneto
334	691061		SCREW -(Magneto Armature)
405	697820		SCREW -(Back Plate)
462	691261		WASHER -(Starter Cable)
474	696459		ALTERNATOR -(Dual Circuit)
474A	696457		ALTERNATOR -(Tri Circuit Or 5/9 Amp. Regulated)
474B	696458		ALTERNATOR -(10 and 16 Amp Regulated)
493	797176		BRACKET, Mounting
501	794360		REGULATOR
503	691532		STRAP, Starter
510	696541		DRIVE, Starter
513	692024		CLUTCH, Drive
526	691129		SCREW -(Regulator)
526A	691108		SCREW -(Regulator) (10 Amp Circuit)
578	797463		WIRE ASSEMBLY -(14 Long-Used On Cylinder 1 Mounted Regulator)
578	691208		WIRE ASSEMBLY -(18 Long-Used On Cylinder 2 Mounted Regulator)
579	691029		NUT -(Starter Cable)
635	66538S		BOOT, Spark Plug
640	796913		WIRE ASSEMBLY -(Thermistor)
697	591909		SCREW -(Drive Cap)
703	691010		CLIP
703A	592584		CLIP -(EVAP)
729	694123		CLIP, Wire
729A	797454		CLIP, Wire
783	695708		GEAR, Pinion
789	698330		HARNESS, Wiring -(6 Pin, #2 Side Regulator. Without EFM. Wire Assembly Includes Green Oil Pressure Switch Wire. Remove If Not Needed. Service Kit Includes Red Regulator To 2 Pin Jumper Wire.)
789A	696576		HARNESS, Wiring -(6 Pin, #2 Side Regulator. Without EFM. Without Oil Pressure Switch. Wire Assembly Includes Blue Hour Meter/Oil Minder Wire. Service Kit Includes Red Regulator To 2 Pin Jumper Wire.)
789C	695050		HARNESS, Wiring -(6 Pin Conversion Adapter. #1 And #2 Side Regulator.)



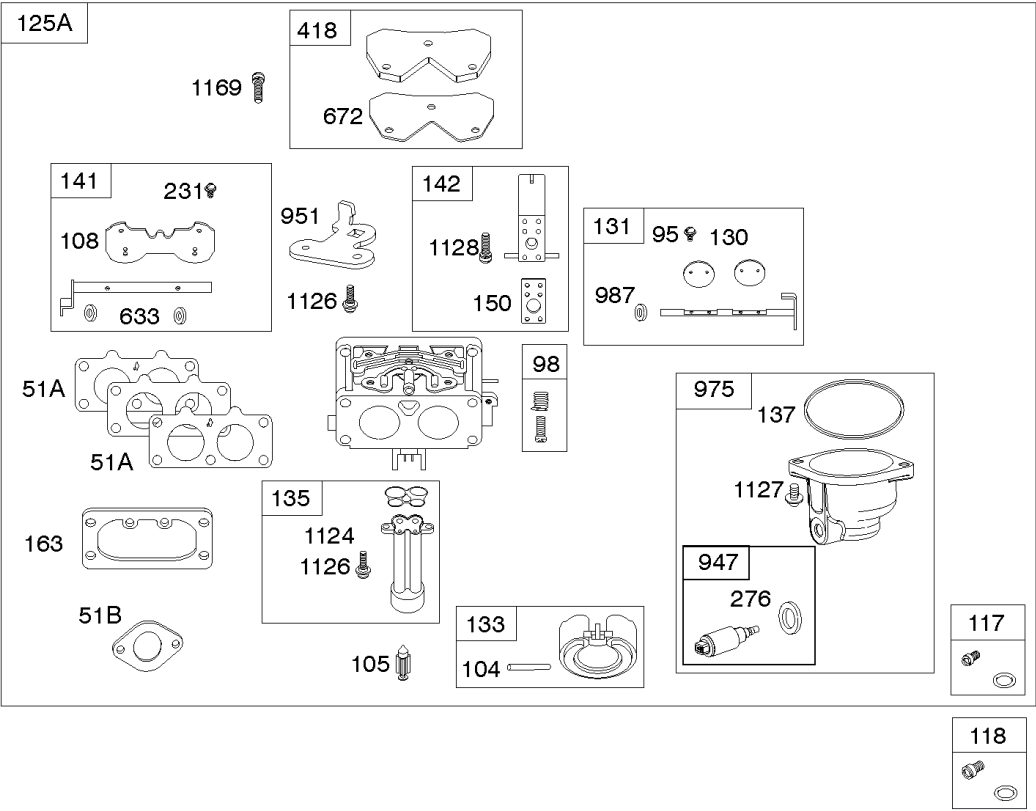
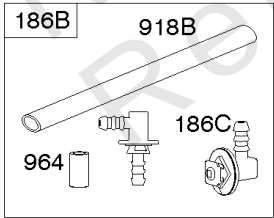
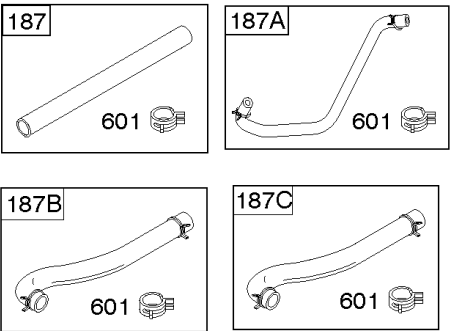
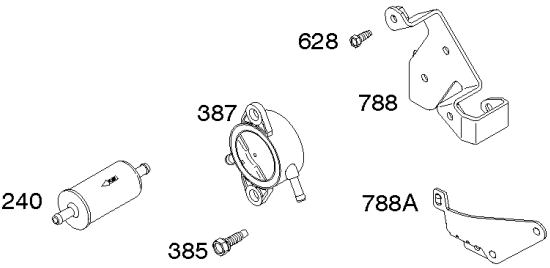
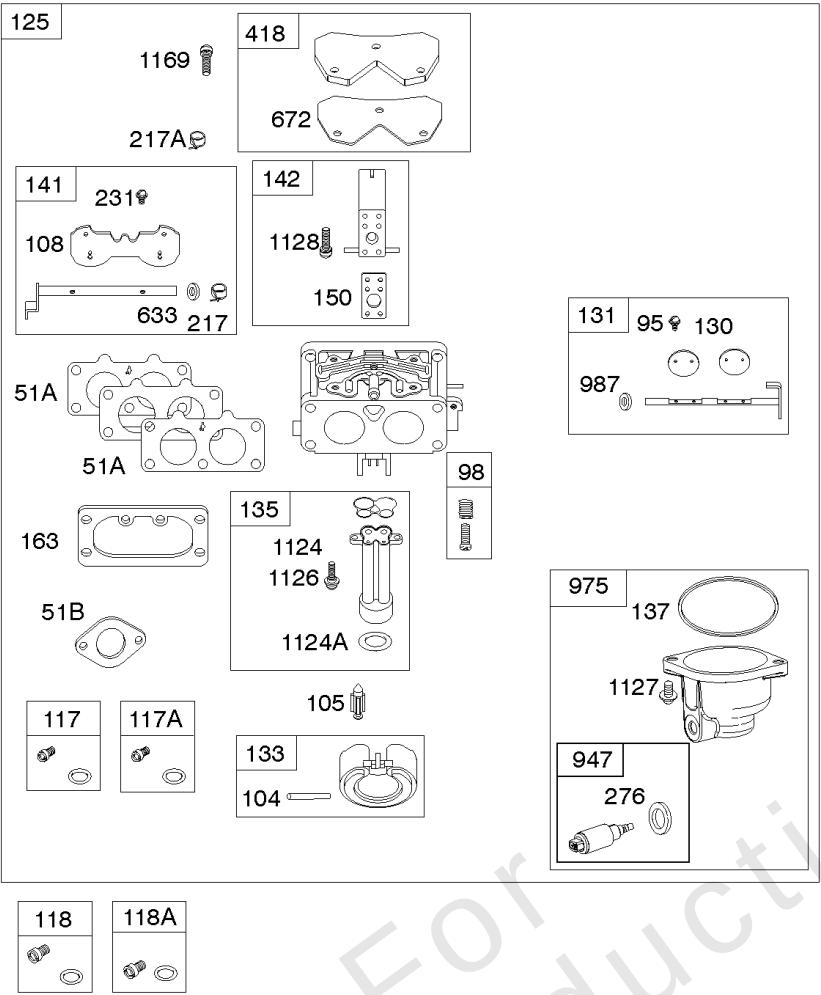
Alternator, Wire Harness, Starter, Ignition, EFM

REF NO	PART NO	QTY	DESCRIPTION
789D	796860		HARNESS, Wiring -(6 Pin, #1 Side Regulator. With EFM. Without Oil Pressure Switch. WireAssembly Includes Black EFM Pulse Wire.)
789J	796914		HARNESS, Wiring -(6 Pin, #1 Side Regulator. EFM-ECU Module.)
789F	797424		HARNESS, Wiring -(6 Pin, #1 Side Regulator. Without EFM. Without Oil Pressure Switch.) -Used Before Code Date 12042300
789G	797460		HARNESS, Wiring -(6 Pin, #1 Side Regulator. Without EFM. Without Oil Pressure Switch.Wire Assembly Includes Green Oil Pressure Switch Wire.) -Used Before Code Date 12042300
789H	797461		HARNESS, Wiring -(6 Pin, #1 Side Regulator. Without EFM. Without Oil Pressure Switch.Wire Assembly Includes Blue Hour Meter/Oil Minder Wire.) -Used Before Code Date 12042300
789E	797492		HARNESS, Wiring -(6 Pin, #1 Side Regulator. With EFM. Wire Assembly Includes Green OilPressure Switch Wire.)
789B	591391		HARNESS, Wiring -(2 Pin, #1 And #2 Side Regulator. Without EFM.) -Used After Code Date 12042200
789F	591392		HARNESS, Wiring -(6 Pin, #1 Side Regulator. Without EFM. Without Oil Pressure Switch.) -Used After Code Date 12042200
789G	591393		HARNESS, Wiring -(6 Pin, #1 Side Regulator. Without EFM. Without Oil Pressure Switch.Wire Assembly Includes Green Oil Pressure Switch Wire.) -Used After Code Date 12042200
789H	591394		HARNESS, Wiring -(6 Pin, #1 Side Regulator. Without EFM. Without Oil Pressure Switch.Wire Assembly Includes Blue Hour Meter/Oil Minder Wire.) -Used After Code Date 12042200
789B	691220		HARNESS, Wiring -(2 Pin, #1 And #2 Side Regulator. Without EFM.) -Used Before Code Date 12042300
797	693167		NUT -(Brush Retainer)
801	691283		CAP, Drive
802	691286		CAP, End
851	493880S		TERMINAL, Spark Plug
877	790544		WIRE/CONNECTOR, Alternator
878	398661		HARNESS, Wiring
878A	691955		HARNESS, Alternator
929	695239		SCREW -(Choke Control Bracket)
1051	691265		RING, Retaining
1054	280275		TIE, Cable
1059	698516		KIT, Screw/Washer
1090	691293		RETAINER, Brush
1119	691183		SCREW -(Alternator)
1436	796918		MOTOR, Stepper/Bracket
1437	695239		SCREW -(Stepper/Bracket Motor)
1439	794904		SCREW -(Thermistor Wire Assembly)
1448	690260		WASHER -(Magneto Armature)



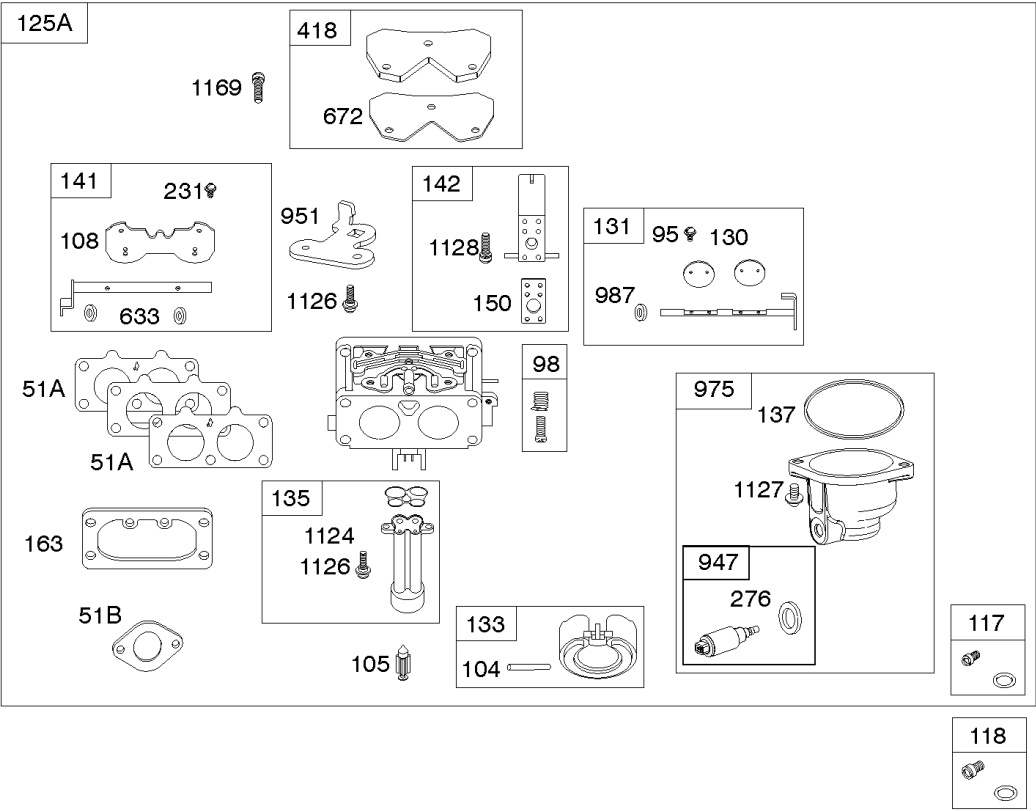
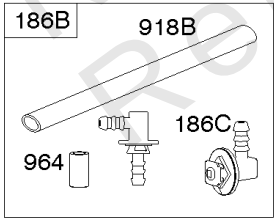
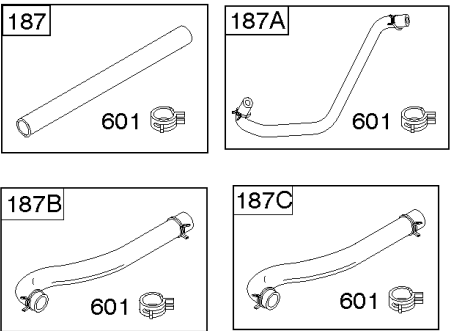
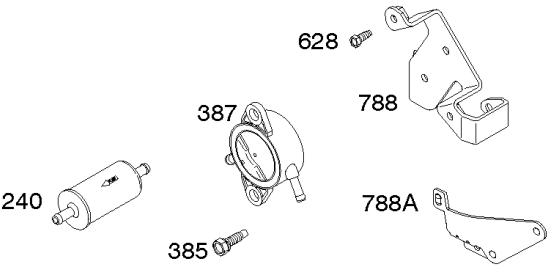
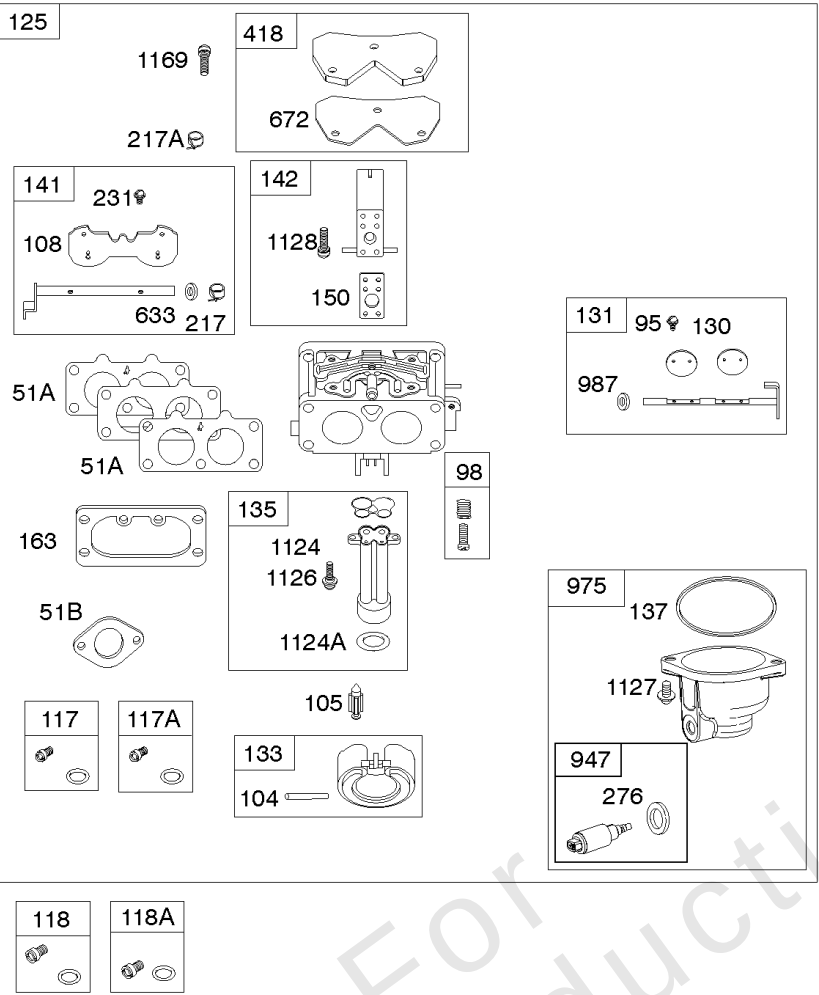
Blower Housing, Air Cleaner, Muffler

REF NO	PART NO	QTY	DESCRIPTION
163	691001		GASKET, Air Cleaner
186B	799158		CONNECTOR, Hose -(EVAP)
186C	845141		CONNECTOR, Hose -(EVAP)
291	592581		THERMOSTAT
304	798579		HOUSING, Blower -(Grey) -Used Before Code Date 12060800
304	799955		HOUSING, Blower -(Black)
304A	591669		HOUSING, Blower -(Grey) -Used After Code Date 12060700
305	691005		SCREW -(Blower Housing) (21/32)
305A	790690		SCREW -(Blower Housing) (Blower Housing To Intake Elbow)
431	798860		ELBOW, Intake -(EVAP)
445	792105		FILTER, A/C Cartridge
467	790697		KNOB, Air Cleaner Cover
613	690341		SCREW -(Muffler)
613A	690297		SCREW -(Muffler)
703	691010		CLIP
883	690970		GASKET, Exhaust
918B	799160		HOSE, Vacuum -(Length 9.4 Inches)
964	799159		CAP, Connector
967	792303		FILTER, Pre Cleaner
968	795120		COVER, Air Cleaner -(Black)
968	798584		COVER, Air Cleaner -(Grey)
1040	791237		PLATE, Trim -(Black)
1040	798585		PLATE, Trim -(Orange)
1193	592577		SCREW -(Thermostat)
1386	592580		VANE, Air
1474	592579		STUD -Air Vane
1475	592578		NUT -Air Vane



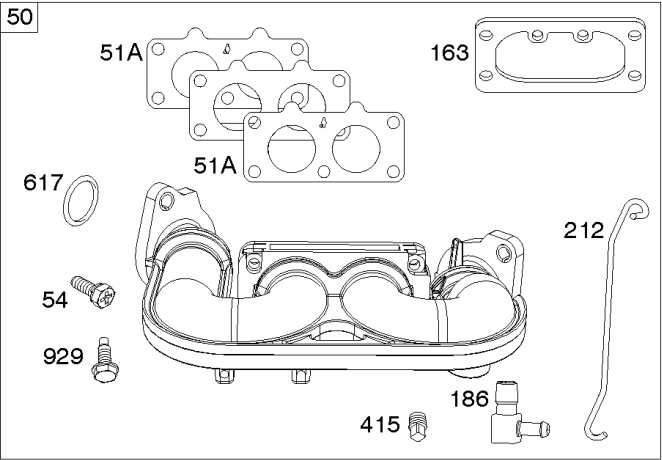
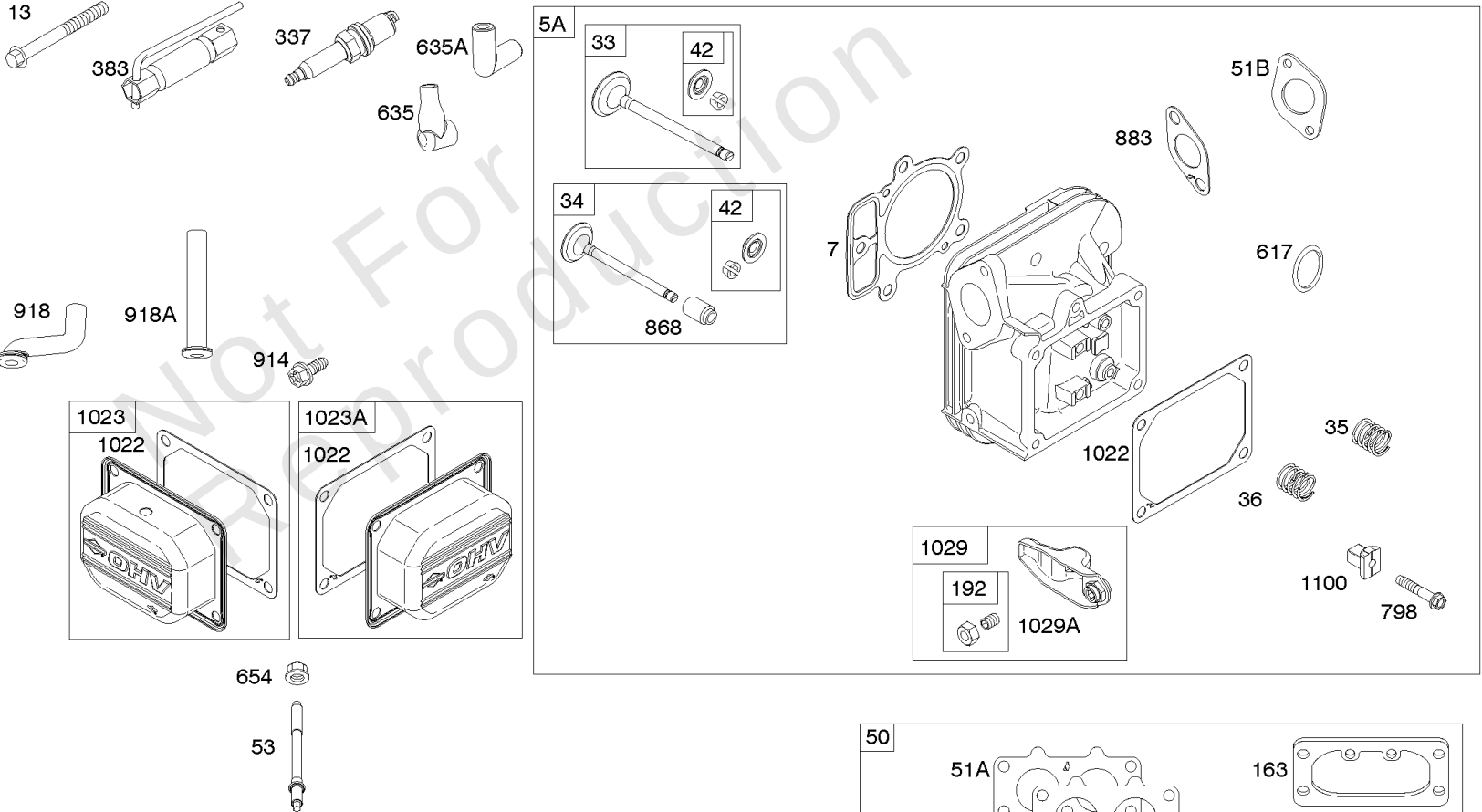
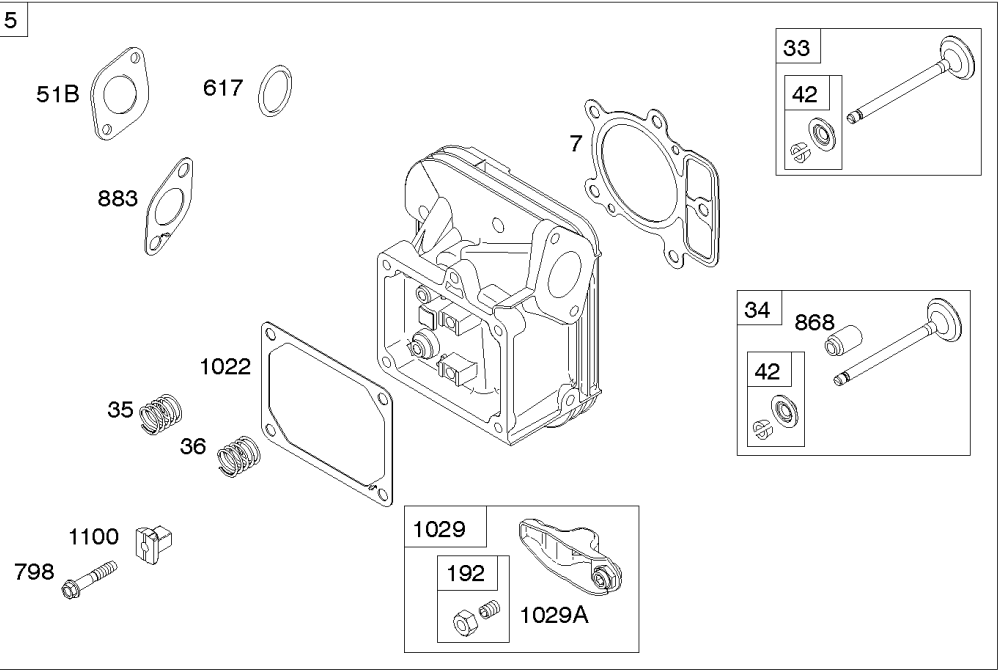
Carburetor, Fuel Supply

REF NO	PART NO	QTY	DESCRIPTION
51A	690950		GASKET, Intake
51B	690949		GASKET, Intake
95	690718		SCREW -(Throttle Valve)
98	699721		KIT, Idle Speed
104	694918		PIN, Float Hinge
105	797410		VALVE, Float Needle
108	699723		VALVE, Choke
117	792296		JET, Main -(Standard) (Left)(Nikki)
117A	842627		JET, Main -(Standard) (Right)(Nikki)
118	699457		JET, Main -(High Altitude) (Left)(Nikki)
118A	699733		JET, Main -(High Altitude) (Right)(Nikki)
125	792295		CARBURETOR
130	690993		VALVE, Throttle
131	499805		KIT, Throttle Shaft
133	699724		FLOAT, Carburetor
135	699729		TUBE, Fuel Transfer
137	690994		GASKET, Float Bowl
141	796228		KIT, Choke Shaft
142	699726		NOZZLE, Carburetor -(Standard)
150	841649		GASKET, Nozzle
163	691001		GASKET, Air Cleaner
186B	799158		CONNECTOR, Hose -(EVAP)
186C	845141		CONNECTOR, Hose -(EVAP)
187	791766		LINE, Fuel -(15" Long)(Cut To Required Length)
187A	791881		LINE, Fuel -(Formed Hose)
187C	791801		HOSE, Vacuum -(Molded)
187B	791744		LINE, Fuel -(Formed)(Cut To Required Length)
217	799771		SPRING, Choke Return
217A	592585		SPRING, Choke Return
231	690718		SCREW -(Choke Valve)
240	695666		FILTER, Fuel
276	695410		WASHER, Sealing
385	691108		SCREW -(Fuel Pump)
385	797409		SCREW -(Fuel Pump)
387	808656		PUMP, Fuel
418	795912		PLATE, Carburetor Cover
601	691038		CLAMP, Hose -(Green)
601	791850		CLAMP, Hose -(Green)
628	691108		SCREW -(Fuel Pump Bracket)



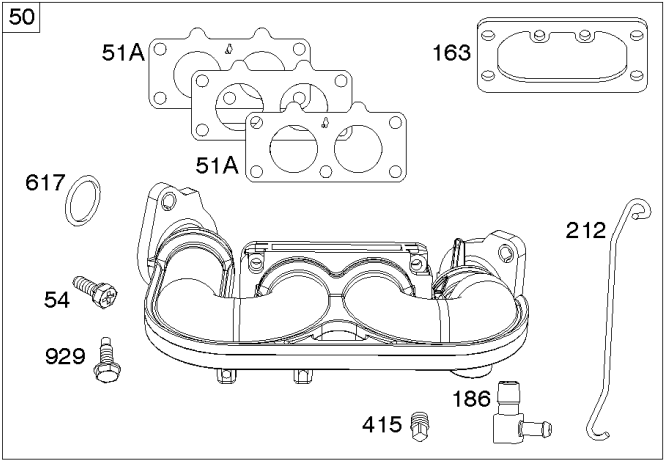
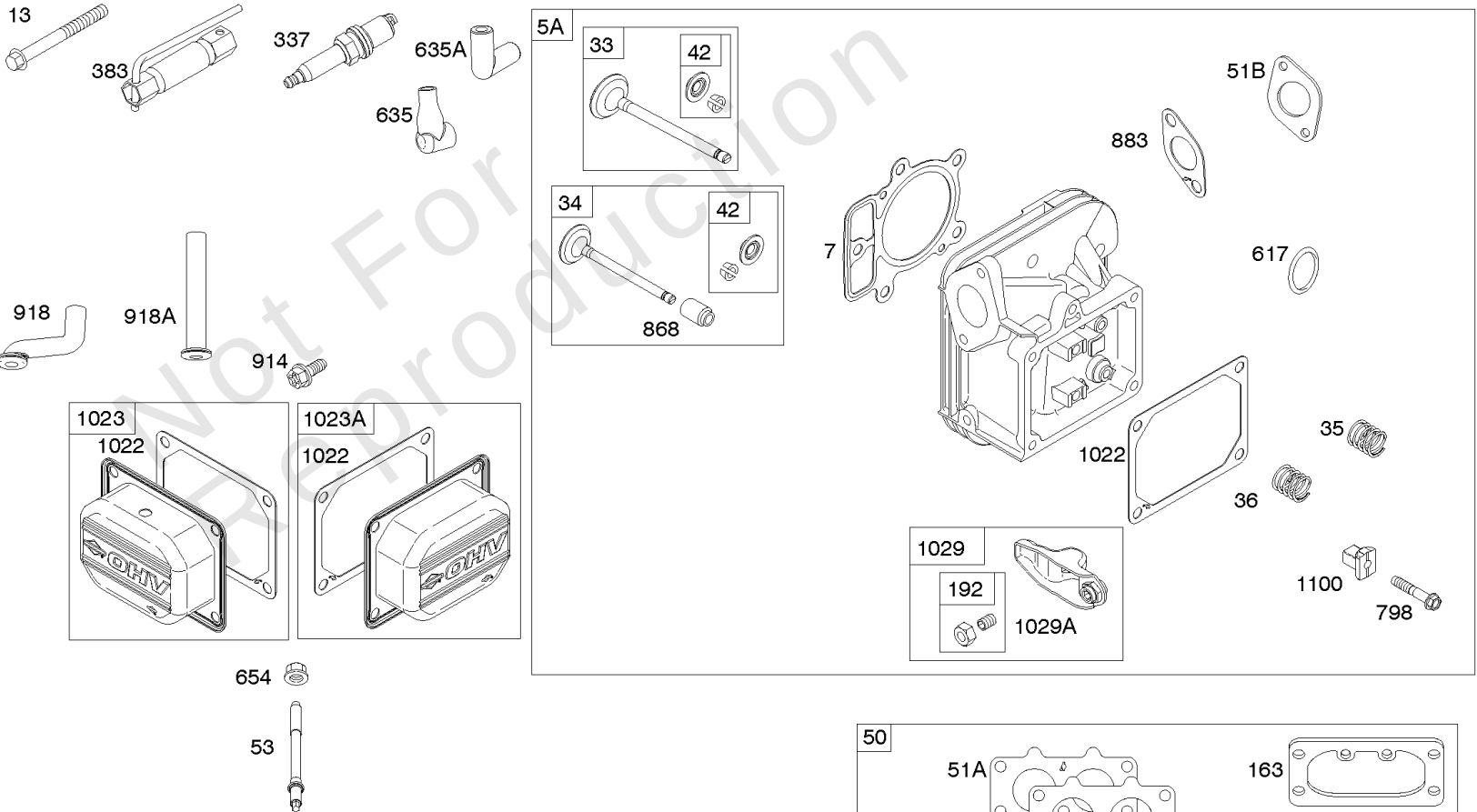
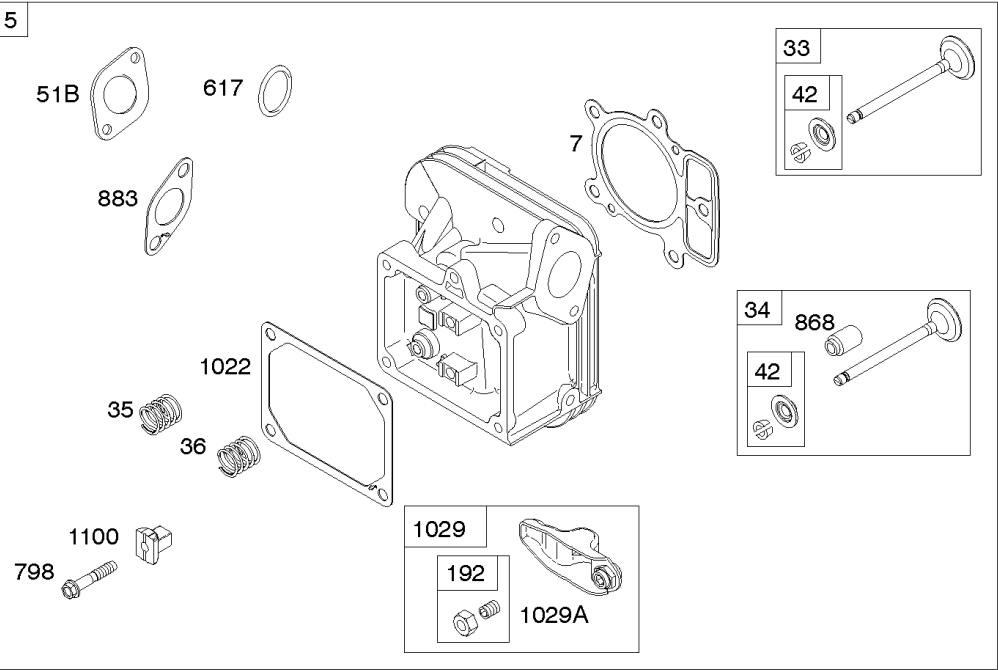
Carburetor, Fuel Supply

REF NO	PART NO	QTY	DESCRIPTION
672	690234		GASKET, Carburetor Plate
788	691039		BRACKET, Fuel Pump -Used Before Code Date 06072800
788A	793145		BRACKET, Fuel Pump -Used After Code Date 06072700
918B	799160		HOSE, Vacuum -(Length 9.4 Inches)
947	798779		SOLENOID, Fuel
964	799159		CAP, Connector
975	796777		BOWL, Float -Used After Code Date 10080100
975	798778		BOWL, Float -Used Before Code Date 10080200
987	691000		SEAL, Throttle Shaft
1124	690988		SEAL, O-Ring -(Fuel Transfer Tube)
1124A	841653		SEAL, O-Ring -(Fuel Transfer Tube)
1126	690991		SCREW -(Fuel Transfer Tube)
1127	695407		SCREW -(Float Bowl) (Float Bowl to Carburetor Body)
1128	690990		SCREW -(Carburetor Nozzle)
1169	690990		SCREW -(Carburetor Cover Plate)



Cylinder Head, Rocker Arm Cover, Intake Manifold

REF NO	PART NO	QTY	DESCRIPTION
5	799088		HEAD, Cylinder -(Cylinder #1)
5A	799089		HEAD, Cylinder -(Cylinder #2)
7	693997		GASKET, Cylinder Head
13	793988		SCREW -(Cylinder Head) -Used After Code Date 08063000
13	791130		SCREW -(Cylinder Head) -Used Before Code Date 08070100
33	793557		VALVE, Exhaust
34	793556		VALVE, Intake
35	694865		SPRING, Valve -(Intake)
36	694865		SPRING, Valve -(Exhaust)
42	499586		KEEPER, Valve
45	690977		TAPPET, Valve
50	695241		MANIFOLD, Intake -(Plastic) -Used Before Code Date 12040300
50	591784		MANIFOLD, Intake -(Plastic) -Used After Code Date 12040200
51A	690950		GASKET, Intake
51B	690949		GASKET, Intake
53	690951		STUD -(Carburetor)
54	699816		SCREW -(Intake Manifold)
163	691001		GASKET, Air Cleaner
186	795985		CONNECTOR, Hose
192	690083		ADJUSTER, Rocker Arm
212	695238		LINK, Throttle
213	691021		BRACKET, Choke Control
337	491055S		PLUG, Spark
383	19576S		WRENCH, Spark Plug
415	794903		PLUG -(Sump)
617	697891		SEAL, O-Ring -(Intake Manifold)
635	66538S		BOOT, Spark Plug
654	690958		NUT -(Carburetor)
798	697890		SCREW -(Rocker Arm)
868	690968		SEAL, Valve
883	690970		GASKET, Exhaust
914	691127		SCREW -(Rocker Cover)
918	793147		HOSE, Vacuum -(Formed Hose)
918A	596163		HOSE, Vacuum -Used Before Code Date 19091800
918A	593641		HOSE, Vacuum -Used After Code Date 19091700
929	695239		SCREW -(Choke Control Bracket)

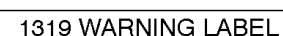
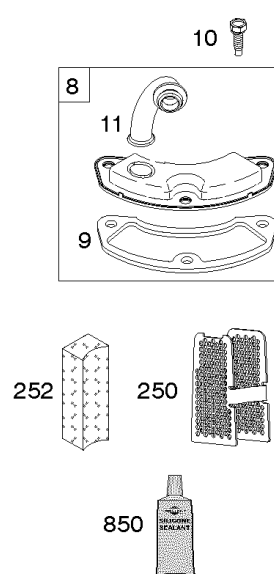
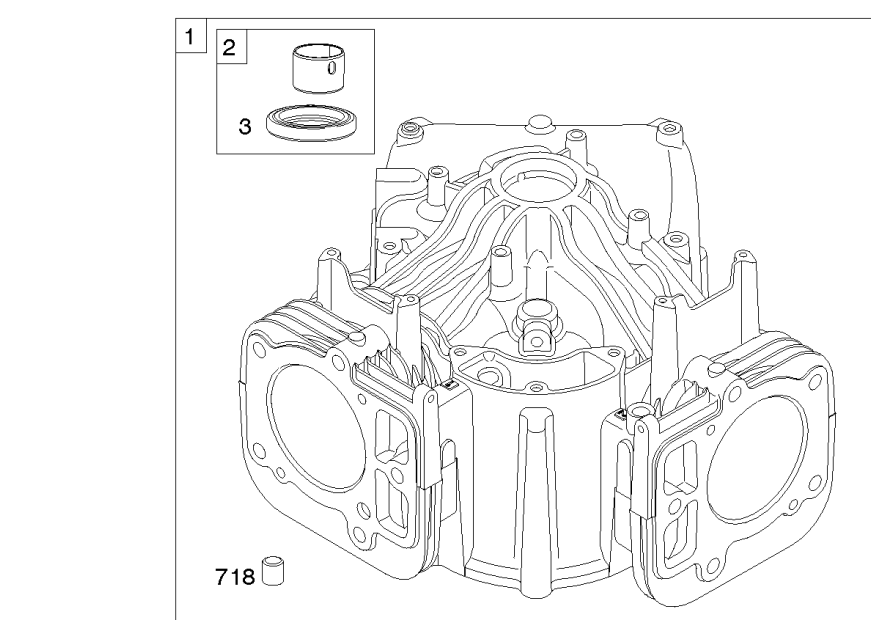


Cylinder Head, Rocker Arm Cover, Intake Manifold

REF NO	PART NO	QTY	DESCRIPTION
1022	690971		GASKET, Rocker Cover
1023	793146		COVER, Rocker -(Cylinder #1) -Used After Code Date 06072700
1023	499599		COVER, Rocker -(Cylinder 1) -Used Before Code Date 06072800
1023A	499600		COVER, Rocker -(Cylinder #2)
1026	690981		ROD, Push -(Steel)
1026A	690982		ROD, Push -(Aluminum)
1029	690972		ARM, Rocker
1029A	807323		ARM, Rocker
1100	791959		PIVOT, Rocker Arm

Cylinder, Crankshaft, Camshaft, Air Guides, Piston, Rings, Connecting Rod

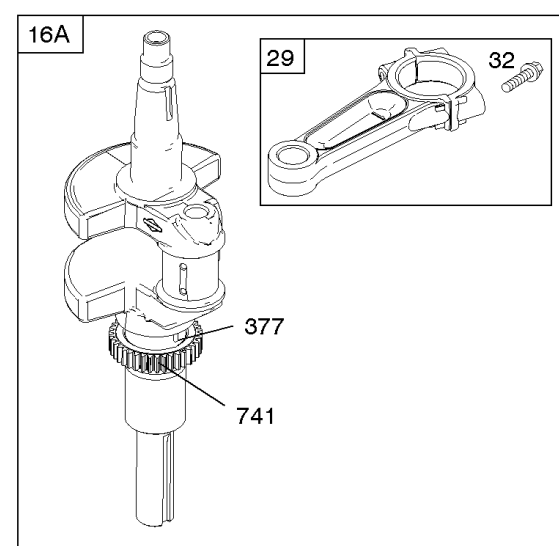
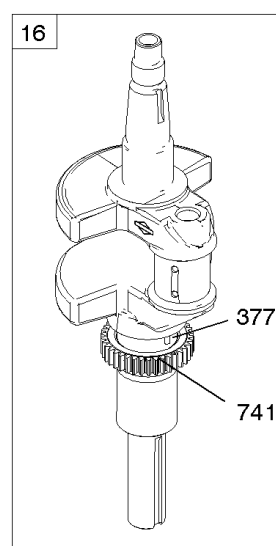
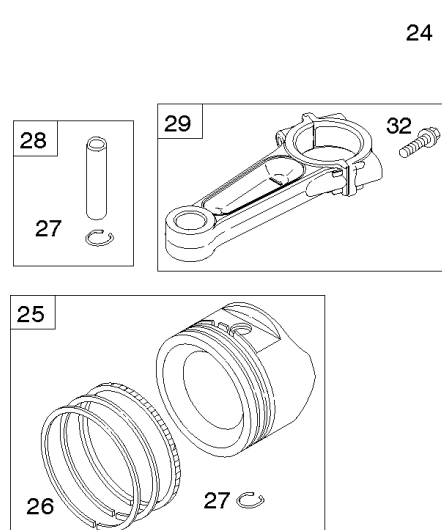
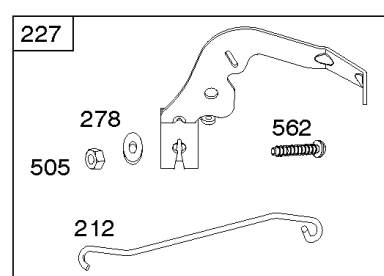
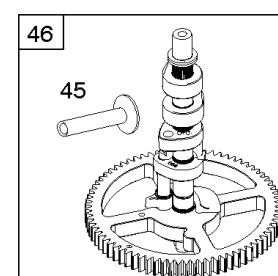
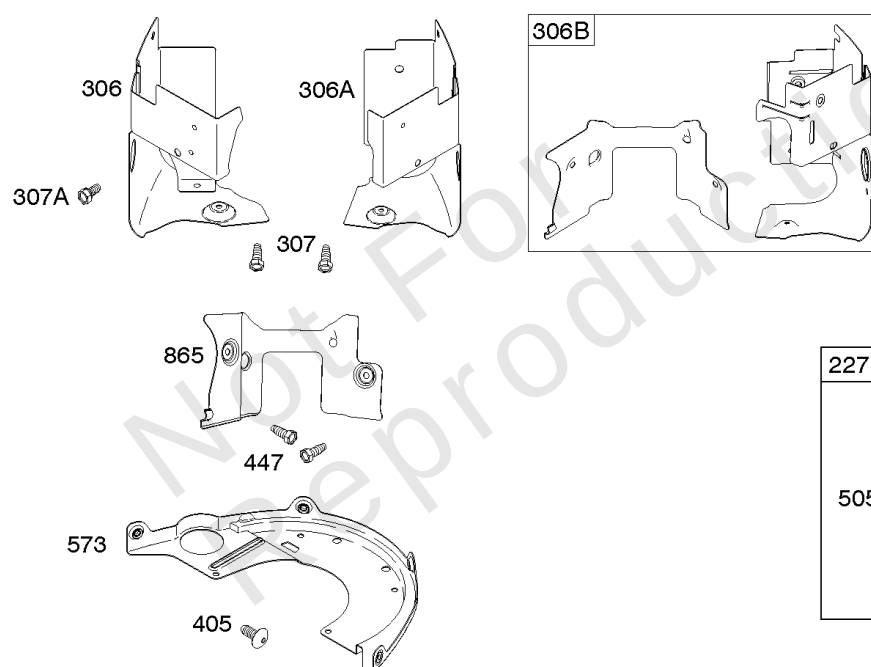
Mfg. No: 44P777-0113-E1



REQUIRED when replacing parts with warning labels affixed.

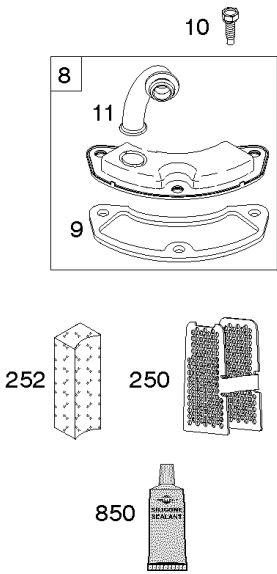
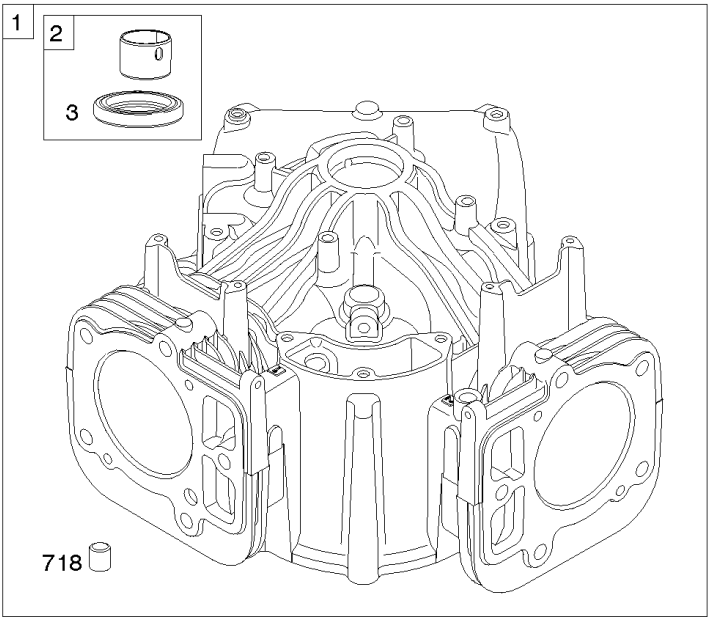


REQUIRED when replacing parts with warning labels affixed.



Cylinder, Crankshaft, Camshaft, Air Guides, Piston, Rings, Connecting Rod

REF NO	PART NO	QTY	DESCRIPTION
1	591695		CYLINDER ASSEMBLY -Used After Code Date 12051300
2	797673		KIT, Bushing/Seal -(Magneto Side)
3	391086S		SEAL, Oil -(Magneto Side)
8	792185		BREATHER ASSEMBLY
9	690937		GASKET, Breather
10	691108		SCREW -(Breather Assembly)
11	792184		TUBE, Breather
16	796237		CRANKSHAFT
24	222698S		KEY, Flywheel
25	793563		PISTON ASSEMBLY -(.020" Oversize)
25	793560		PISTON ASSEMBLY -(Standard)
26	792073		SET, Ring -(.020" Oversize)
26	792026		SET, Ring -(Standard)
27	690975		LOCK, Piston Pin
28	690229		PIN, Piston -(Standard)
29	796209		ROD, Connecting -(Standard)
32	690976		SCREW -(Connecting Rod)
45	690977		TAPPET, Valve
46	792555		CAMSHAFT
212	695238		LINK, Throttle
227	798856		LEVER, Governor Control
250	690957		RETAINER, Breather
252	794389		COLLECTOR, Oil
278	792651		WASHER -(Governor Lever)
306	796852		SHIELD, Cylinder -(Cylinder #1)
306A	798855		SHIELD, Cylinder -(Cylinder 2) -Used Before Code Date 12070300
306A	796541		SHIELD, Cylinder -(Cylinder 2) -Used After Code Date 10052400
306B	591665		SHIELD, Cylinder -(Cylinder 2) -Used Before Code Date 00120700
307	691003		SCREW -(Cylinder Shield)
307A	691108		SCREW -(Cylinder Shield)
377	690979		KEY, Woodruff
405	697820		SCREW -(Back Plate)
447	691003		SCREW -(Air Guide Cover)
505	691029		NUT -(Governor Control Lever)



1319 WARNING LABEL

WARNING
Read and follow operating instructions before using engine.
Exhaust is hot. Allow engine to cool at least 2 minutes before refueling.
Engine oil is under pressure. Do not touch or remove oil cap.
Exhaust area temperature may exceed 500°F. Do not touch hot parts.

REQUIRED when replacing parts with warning labels affixed.

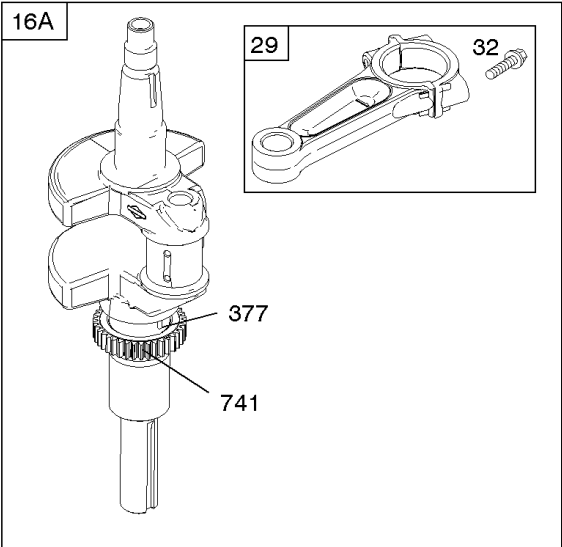
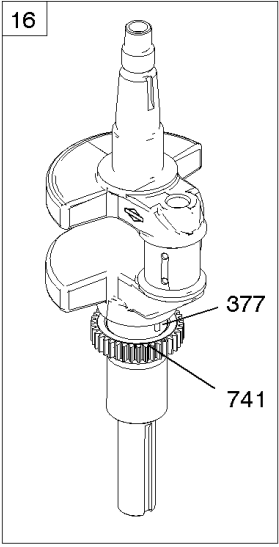
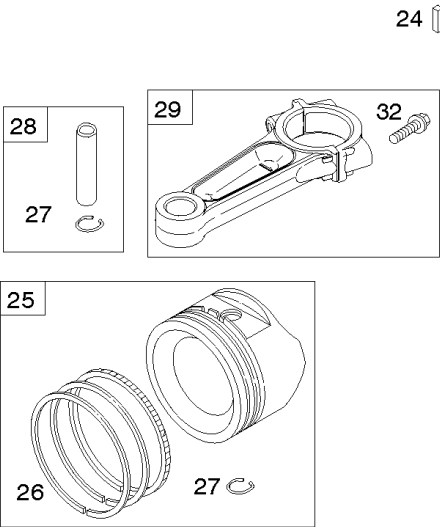
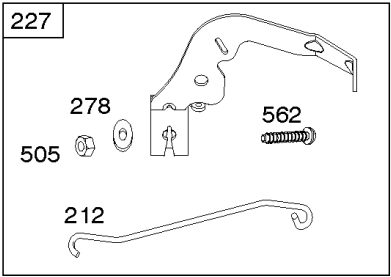
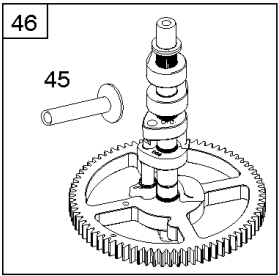
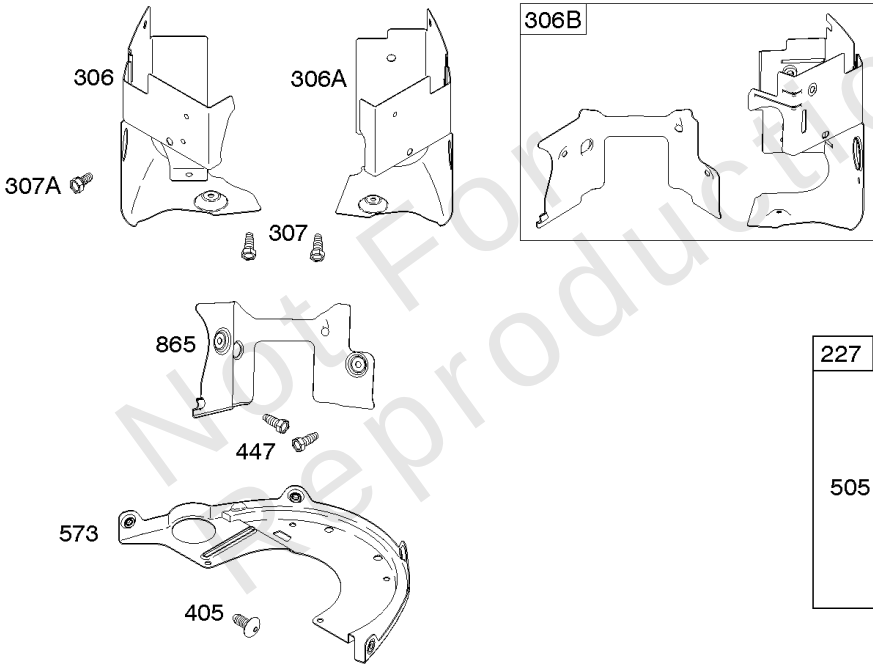
1319A WARNING LABEL

REQUIRED when replacing parts with warning labels affixed.

1058 OPERATOR'S MANUAL

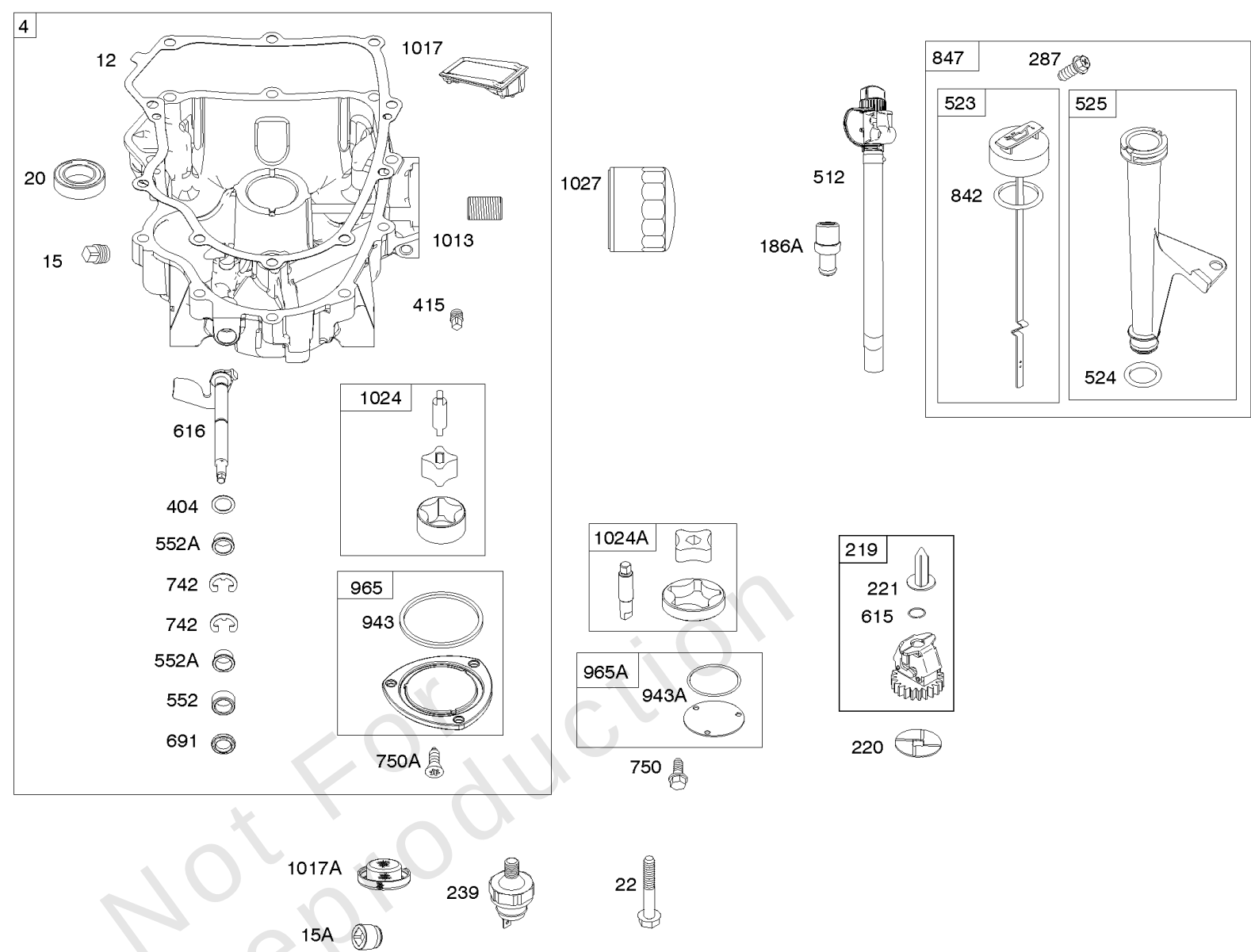
1330 REPAIR MANUAL

1036 EMISSIONS LABEL



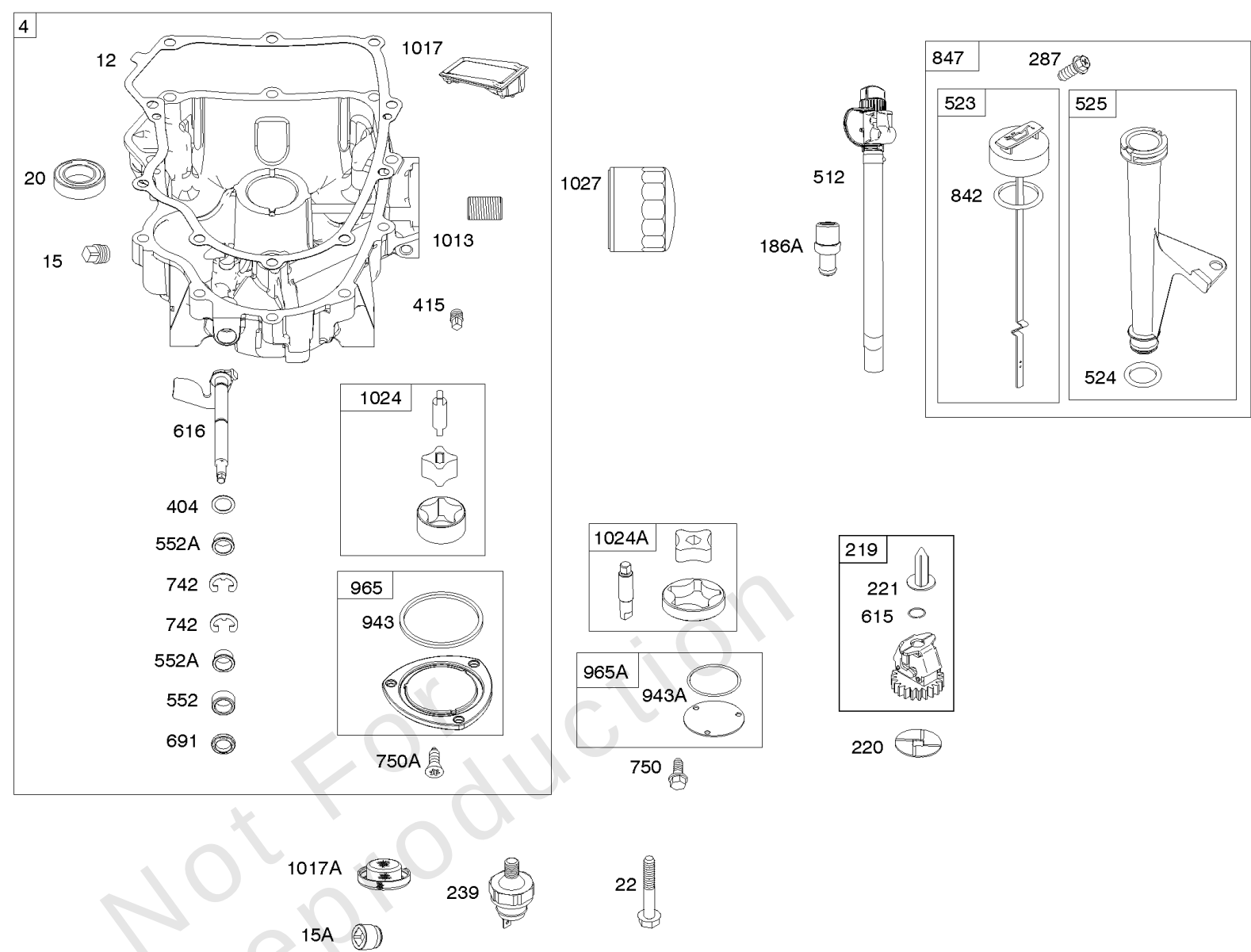
Cylinder, Crankshaft, Camshaft, Air Guides, Piston, Rings, Connecting Rod

REF NO	PART NO	QTY	DESCRIPTION
562	690311		BOLT -(Governor Control Lever)
573	790444		PLATE, Back
718	690959		PIN, Locating
741	690980		GEAR, Timing
850	100106		SEALANT, Liquid
865	591667		COVER, Air Guide -(Valley)
1036	-----		Label-Emissions
1058	381258TRI		MANUAL, Operator's -(Emission)
1319	794467		LABEL, Warning
1319A	797669		LABEL, Warning
1330	273521		MANUAL, Repair



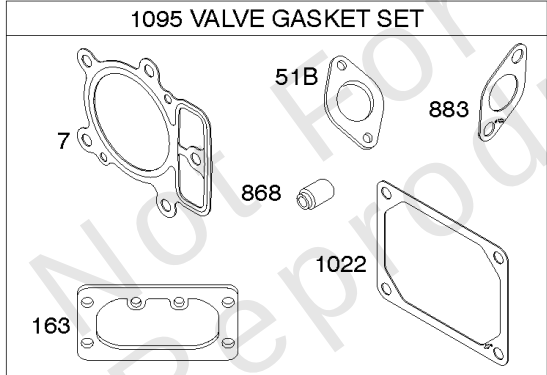
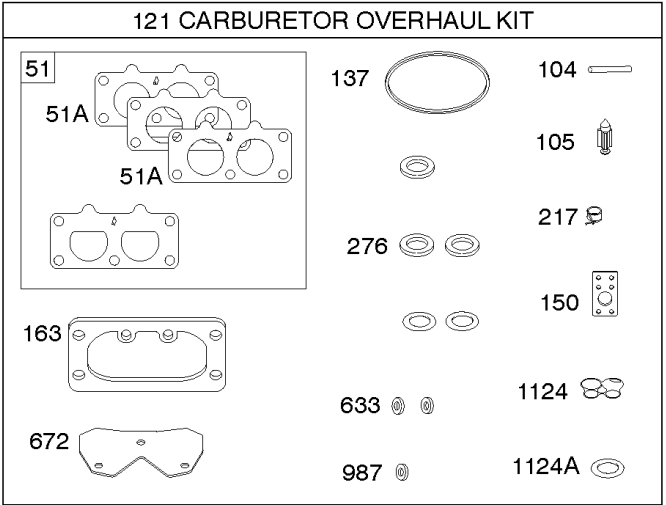
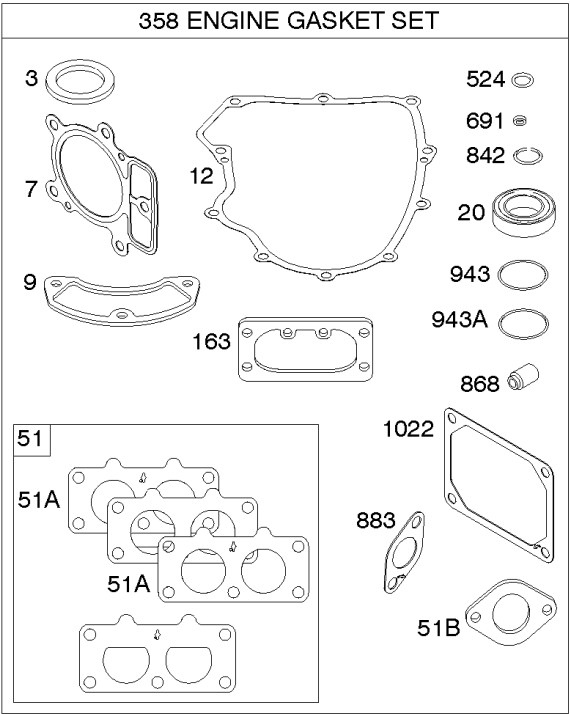
Engine Sump, Oil Pump, Dipstick/Tube Assembly

REF NO	PART NO	QTY	DESCRIPTION
4	796307		SUMP, Engine
12	697227		GASKET, Crankcase
15	691680		PLUG, Oil Drain -Used Before Code Date 08071800
15A	690946		PLUG, Oil Drain -Used After Code Date 08071700
20	795387		SEAL, Oil -(PTO Side)
22	694966		SCREW -(Crankcase Cover/Sump)
186A	796532		CONNECTOR, Hose -Oil Drain
219	793338		GEAR, Governor
220	799772		WASHER -(Governor Gear)
221	841026		CUP, Governor
239	792028		SWITCH, Oil Pressure
287	697820		SCREW -(Dipstick Tube)
404	690442		WASHER -(Governor Crank)
415	794903		PLUG -(Sump)
512	796530		HOSE, Oil Drain
523	691036		DIPSTICK
524	691032		SEAL, O-Ring
525	691037		TUBE, Dipstick
552	796638		BUSHING, Governor Crank -Used After Code Date 08031700
552	690552		BUSHING, Governor Crank -Used Before Code Date 08031800
552A	690553		BUSHING, Governor Crank
615	698290		RETAINER, Governor Shaft
616	691045		CRANK, Governor
691	790574		SEAL, Governor Shaft
742	690328		RETAINER, E Ring
750	796208		SCREW -(Oil Pump Cover) -Used After Code Date 08071700
750A	696999		SCREW -(Oil Pump Cover) -Used Before Code Date 08071800
842	691031		SEAL, O-Ring -(Dipstick Tube)
847	499602		DIPSTICK/TUBE ASSEMBLY
943	796222		SEAL, O-Ring -(Oil Pump Cover) -Used After Code Date 08071700
943A	690589		SEAL, O-Ring -(Oil Pump Cover) -Used Before Code Date 08071800
965	796221		COVER, Oil Pump -Used After Code Date 08071700
965A	499613		COVER, Oil Pump -Used Before Code Date 08071800
1013	690954		NIPPLE, Oil Filter
1017A	690770		SCREEN, Oil Pump -Used Before Code Date 08071800



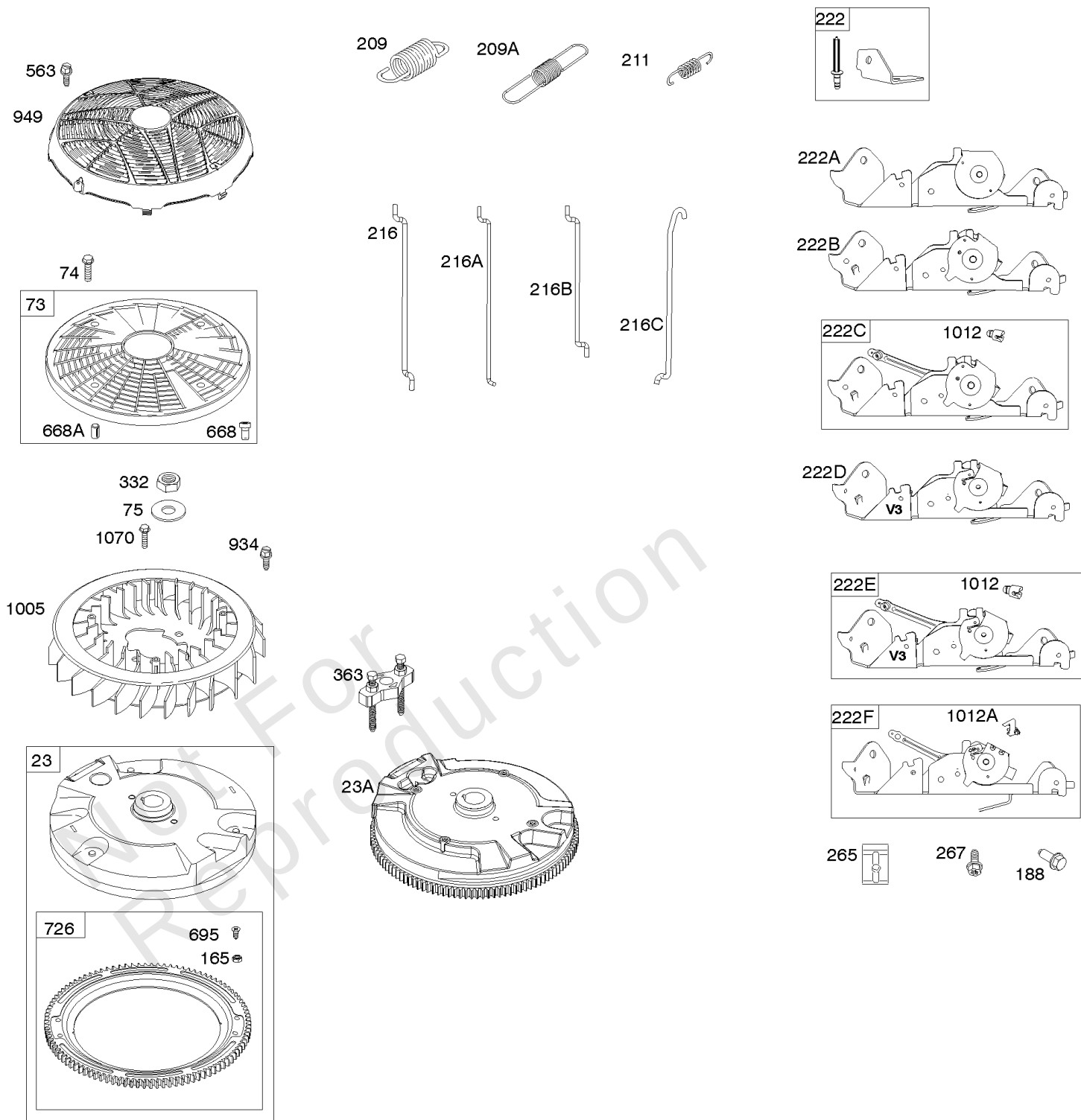
Engine Sump, Oil Pump, Dipstick/Tube Assembly

REF NO	PART NO	QTY	DESCRIPTION
1024	796220		PUMP, Oil -Used After Code Date 08071700
1024A	794644		SHAFT, Pump -Used Before Code Date 08071800
1027	795890		FILTER, Oil -(Yellow)
1027	492932S		FILTER, Oil -(Black)
1027	798576		FILTER, Oil -(Orange)



Engine/Valve Gasket Set, Carburetor Overhaul Kit

REF NO	PART NO	QTY	DESCRIPTION
3	391086S		SEAL, Oil -(Magneto Side)
7	693997		GASKET, Cylinder Head
9	690937		GASKET, Breather
12	697227		GASKET, Crankcase
20	795387		SEAL, Oil -(PTO Side)
51	795123		GASKET, Intake
51A	690950		GASKET, Intake
51B	690949		GASKET, Intake
104	694918		PIN, Float Hinge
105	797410		VALVE, Float Needle
121	797890		KIT, Carburetor Overhaul
137	690994		GASKET, Float Bowl
150	841649		GASKET, Nozzle
163	691001		GASKET, Air Cleaner
217	799771		SPRING, Choke Return
276	695410		WASHER, Sealing
358	694012		GASKET SET, Engine
524	691032		SEAL, O-Ring
672	690234		GASKET, Carburetor Plate
691	790574		SEAL, Governor Shaft
842	691031		SEAL, O-Ring -(Dipstick Tube)
868	690968		SEAL, Valve
883	690970		GASKET, Exhaust
943	796222		SEAL, O-Ring -(Oil Pump Cover) -Used After Code Date 08071700
943A	690589		SEAL, O-Ring -(Oil Pump Cover) -Used Before Code Date 08071800
987	691000		SEAL, Throttle Shaft
1022	690971		GASKET, Rocker Cover
1095	694013		GASKET SET, Valve
1124	690988		SEAL, O-Ring -(Fuel Transfer Tube)
1124A	841653		SEAL, O-Ring -(Fuel Transfer Tube)



Flywheel, Controls

REF NO	PART NO	QTY	DESCRIPTION
23	691053		FLYWHEEL
73	494439		SCREEN, Rotating
74	698425		SCREW -(Rotating Screen)
75	691056		WASHER -(Flywheel)
165	693148		NUT -(Ring Gear)
188	691108		SCREW -(Control Bracket)
209	793340		SPRING, Governor -(Orange) -Used Before Code Date 10072300
209A	798921		SPRING, Governor -(Orange) -Used After Code Date 10072200
211	691019		SPRING, Governed Idle -(No Color)
216	691022		LINK, Choke -(Manual Choke)
222A	698761		BRACKET, Control -(Manual Choke)
265	691024		CLAMP, Casing
267	792629		SCREW -(Casing Clamp)
332	691059		NUT -(Flywheel)
363	19203		PULLER, Flywheel
563	799359		SCREW -(Debris Screen Guard)
668	691500		SPACER
668A	691215		SPACER
695	693149		SCREW -(Ring Gear)
726	499612		GEAR, Ring
934	592604		SCREW -(Fan Retainer)
949	798767		GUARD, Debris Screen
1005	791236		FAN, Flywheel
1012	797926		RETAINER, Link
1070	592604		SCREW -(Flywheel Fan)

Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	44Q7773137	1	Replacement Engine
	698172	1	Replacement Short Block
	-----		Top No-Load Speed: 3600 -Trim: ALL
	-----		Service Note: Original engine was equipped special Remote Throttle Control or Governor Control. Transfer these parts to replacement engine.
	-----		Service Note: Transfer Remote Choke Control Assembly from original engine to replacement engine.
	-----		Service Note: Transfer Governor Spring to replacement engine.
	-----		Short Block Note: If repair would also require the Cylinder Head Assembly Order Short Block Part Number 792957.

