



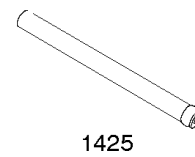
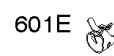
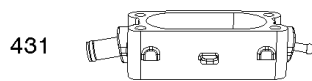
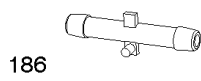
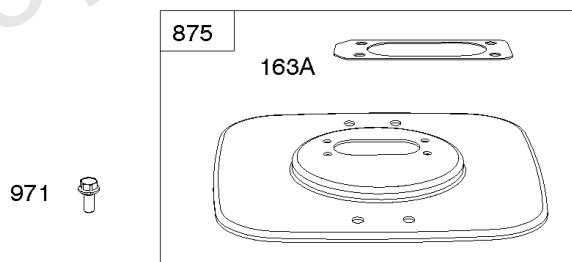
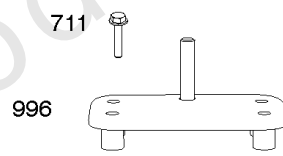
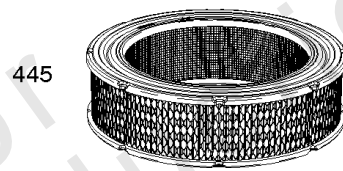
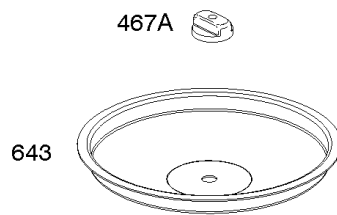
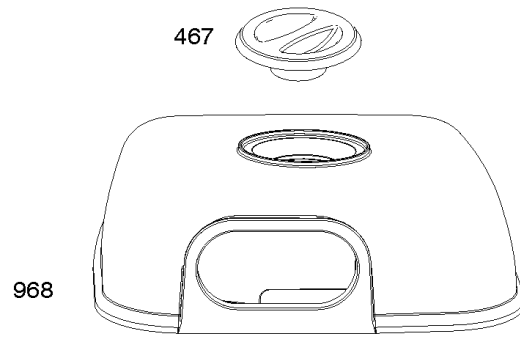
Parts Manual

Mfg. No: 61E477-0006-J1

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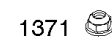
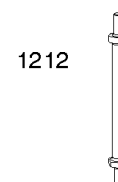
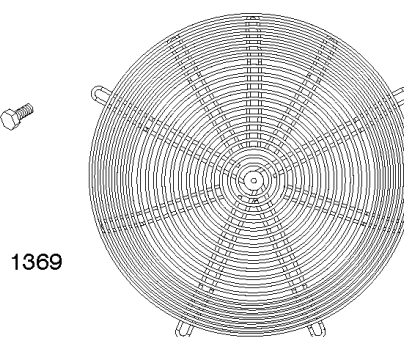
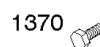
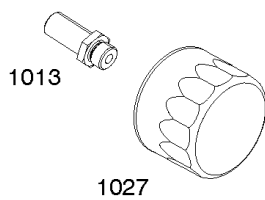
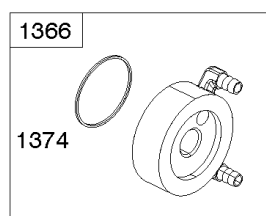
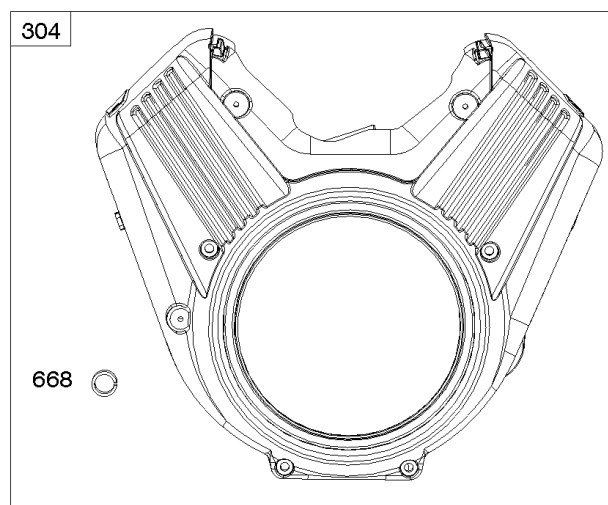
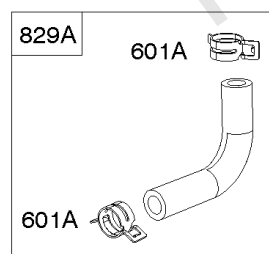
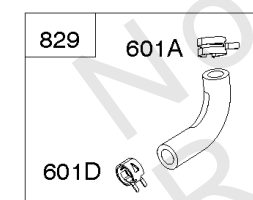
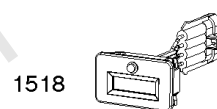
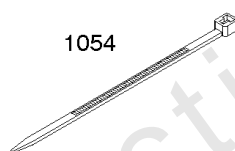
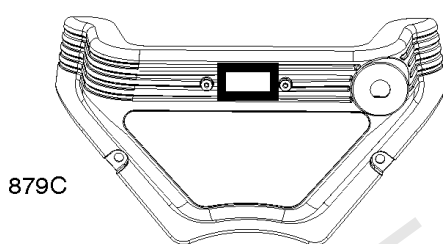
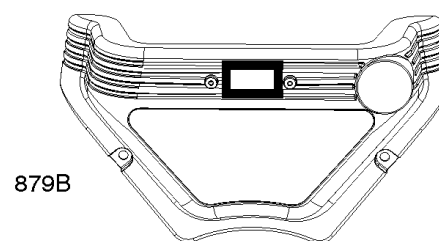
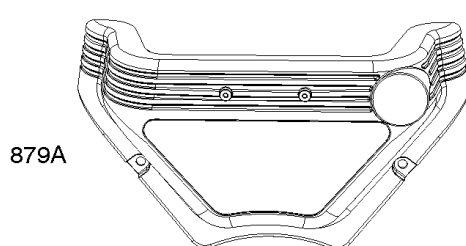
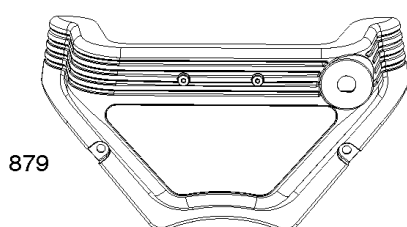
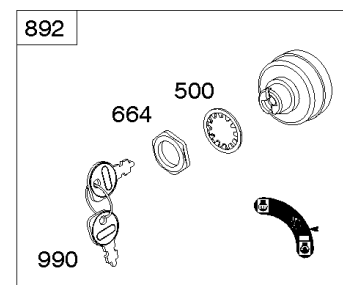
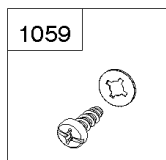
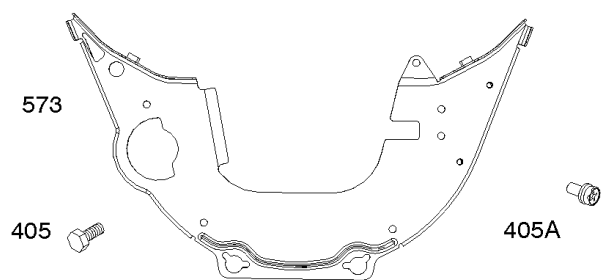
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Air Cleaner

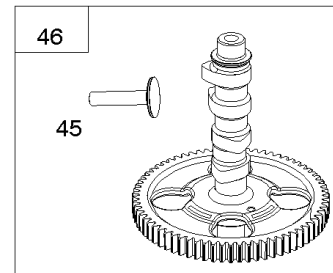
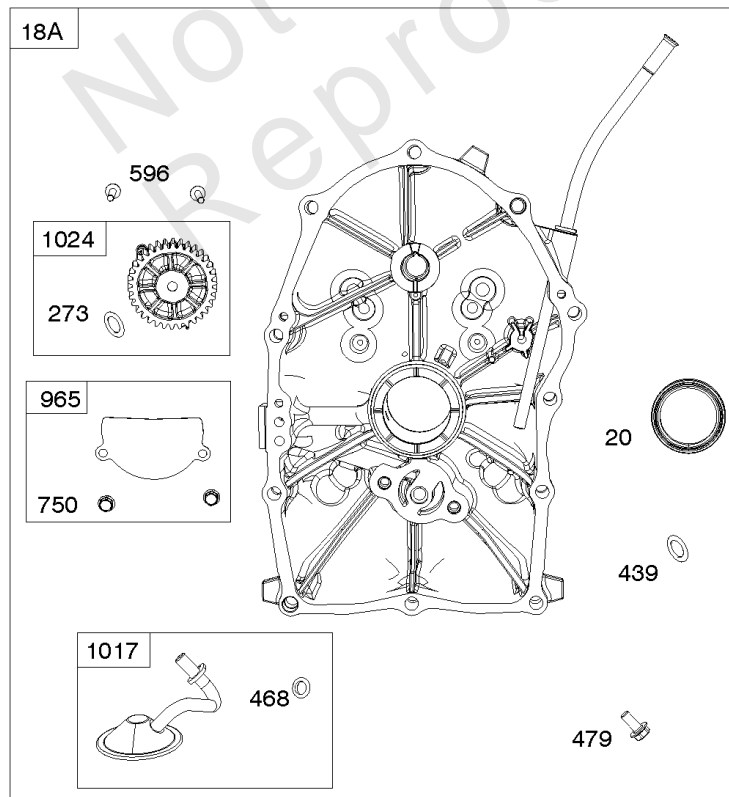
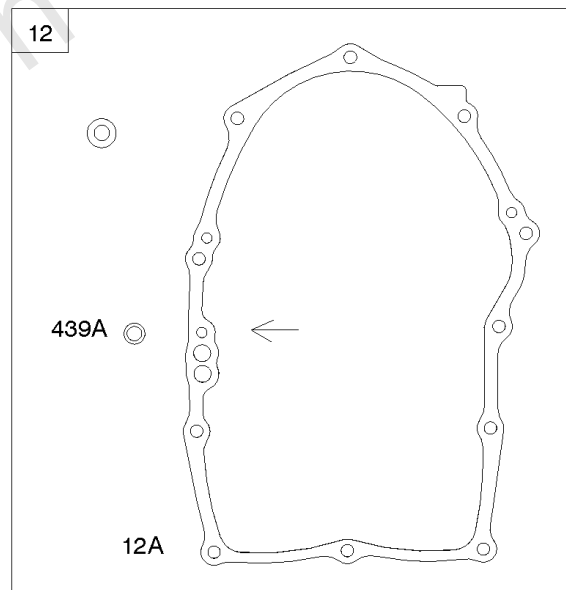
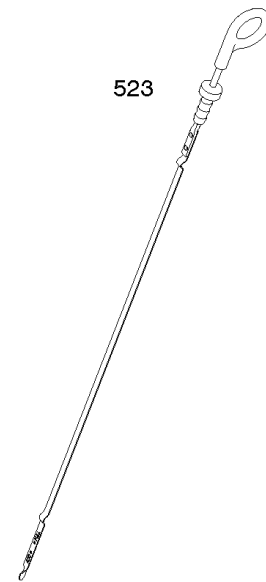
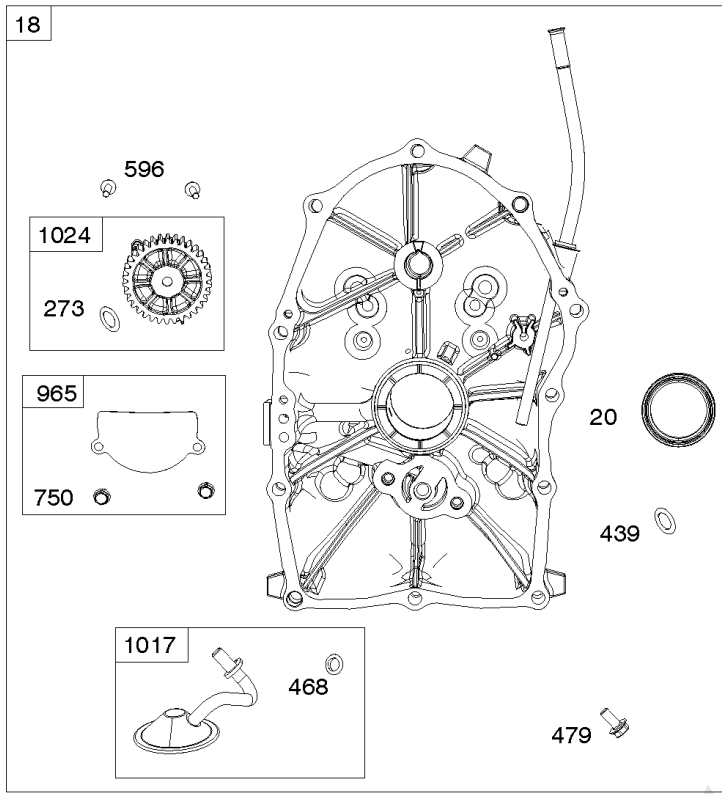
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163A	843117		GASKET, Air Cleaner
186	845121		CONNECTOR, Hose
431	846507		ELBOW, Intake
445	692519		FILTER, A/C Cartridge
467	846008		KNOB, Air Cleaner Cover
467A	846432		KNOB, Air Cleaner Cover
601E	846483		CLAMP, Hose -(Purge Line Hose)
643	844932		RETAINER, Air Filter
711	806444		SCREW -(Carburetor Shield) (M6x68mm)
875	843118		BASE, Air Cleaner
968	846323		COVER, Air Cleaner
971	692062		SCREW -(Air Cleaner Base to Carburetor/Throttle Body)
996	846006		SHIELD, Carburetor
1425	846514		HOSE, Purge Line

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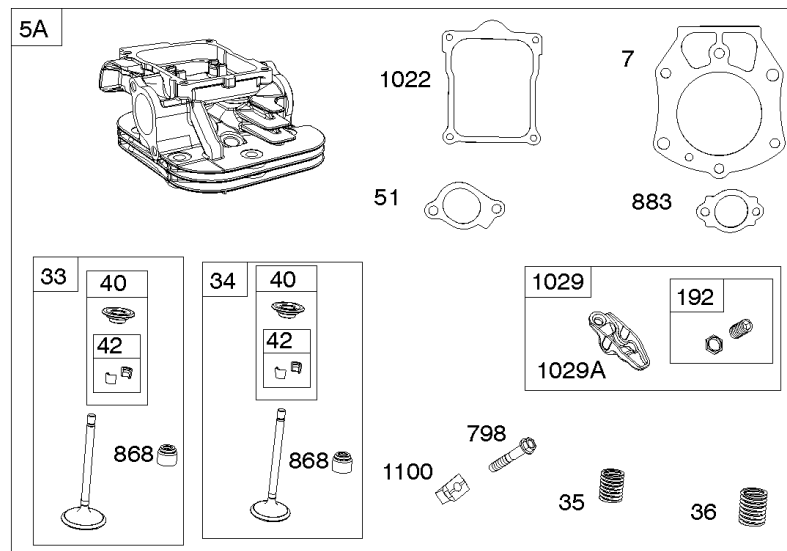
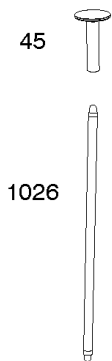
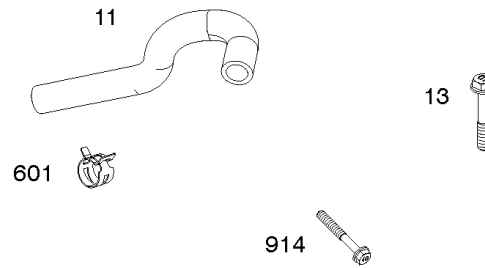
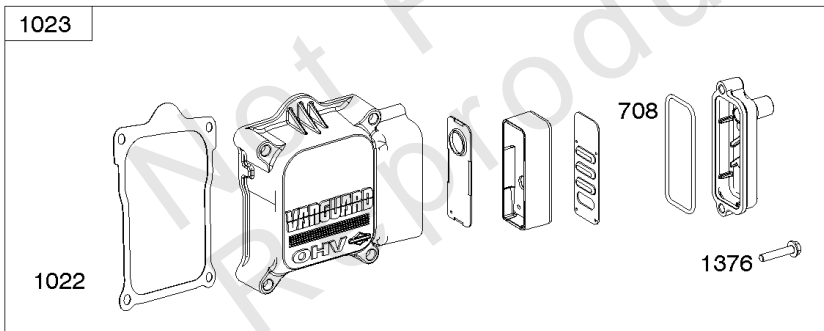
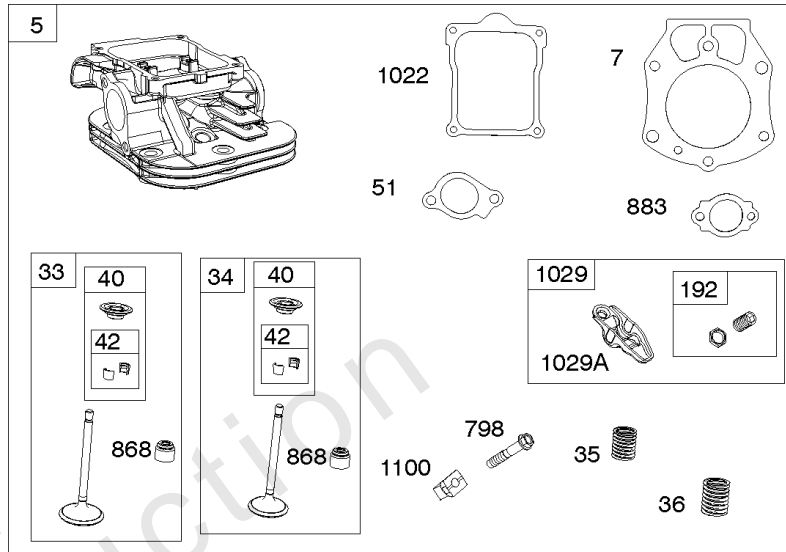
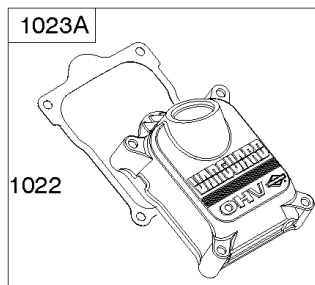
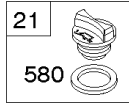
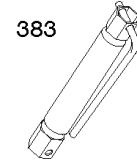
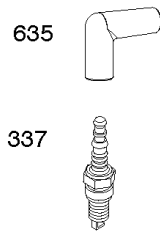
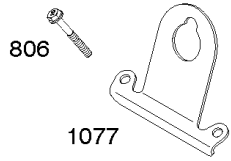
Blower Housing, Carburetor Covers, Oil Cooler

REF NO	PART NO	QTY	DESCRIPTION
304	846481		HOUSING, Blower -(Oil Cooler)
305	807435		SCREW -(Blower Housing) (M6x20mm)
400	846249		COOLER, Oil
405	841233		SCREW -(Back Plate) (M6x10mm)
405A	841735		SCREW -(Back Plate) (M6x14mm)
417	841233		SCREW -(Oil Cooler) (M6x10mm)
417A	846250		SCREW -(Oil Cooler) (M6x16mm)
500	691086		WASHER -(Key Switch)
573	846840		PLATE, Back
601A	841597		CLAMP, Hose -(Oil Cooler Hose)
601D	845209		CLAMP, Hose -(Oil Cooler Hose)
664	691087		NUT -(Key Switch)
668	841974		SPACER -(Blower Housing)
829	846247		HOSE, Oil Cooler
829A	846248		HOSE, Oil Cooler
879	846504		COVER, Carburetor/EFI -(Key Switch)
892	692318		SWITCH, Key -(Includes Key Switch Label)
990	691959		SET, Key
1013	841602		NIPPLE, Oil Filter
1027	842921		FILTER, Oil
1054	280275		TIE, Cable -(Clear, Nylon)
1059	845300		KIT, Screw/Washer -(Carburetor/EFI Cover)
1212	809958		STUD -(Blower Housing)
1366	841510		DIVERTER, Oil Cooler
1369	842858		GUARD, Flywheel Fan
1370	841233		SCREW -(Flywheel Fan Guard)
1371	841537		NUT -(Flywheel Fan Guard)
1374	841506		SEAL, O-Ring -(Oil Cooler Diverter)



Crankcase Covers, Camshaft

REF NO	PART NO	QTY	DESCRIPTION
12	846037		GASKET, Crankcase -(Metal Core Gasket)
12A	843969		GASKET, Crankcase -(Metal Core Gasket)
18	846942		COVER, Crankcase
20	841596		SEAL, Oil -(PTO Side)
22	807362		SCREW -(Crankcase Cover/Sump) (M8x50mm)
45	809785		TAPPET, Valve
46	809879		CAMSHAFT
273	690681		SEAL, O-Ring -(Oil Pump)
439	692154		O-RING, Oil Gallery -(Crankcase Cover/Sump or Cylinder Assembly) (Cylinder)
439A	846027		O-RING, Oil Gallery -(Crankcase Cover/Sump or Cylinder Assembly)
468	690690		SEAL, O-Ring -(Oil Pump Screen)
479	807084		SCREW -(Oil Pump Screen)
523	841007		DIPSTICK
596	691492		SCREW -(Oil Pump)
750	841233		SCREW -(Oil Pump Cover)
965	809422		COVER, Oil Pump
1017	809421		SCREEN, Oil Pump
1024	845983		PUMP, Oil

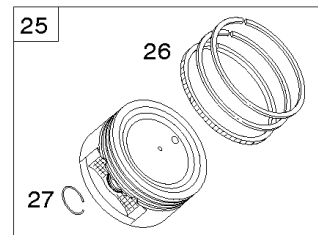
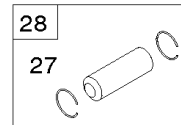
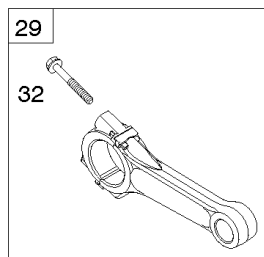
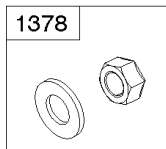
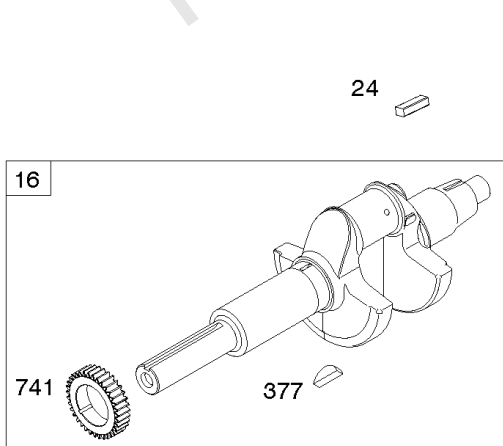
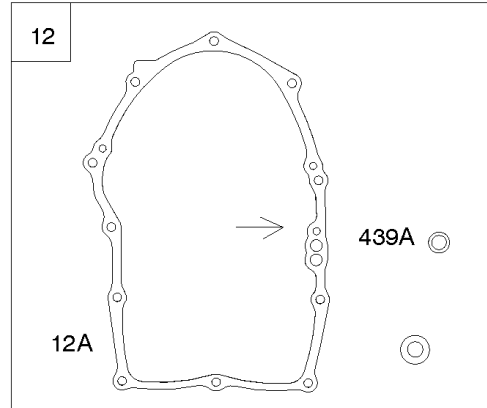
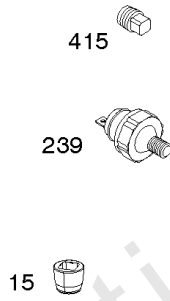
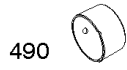
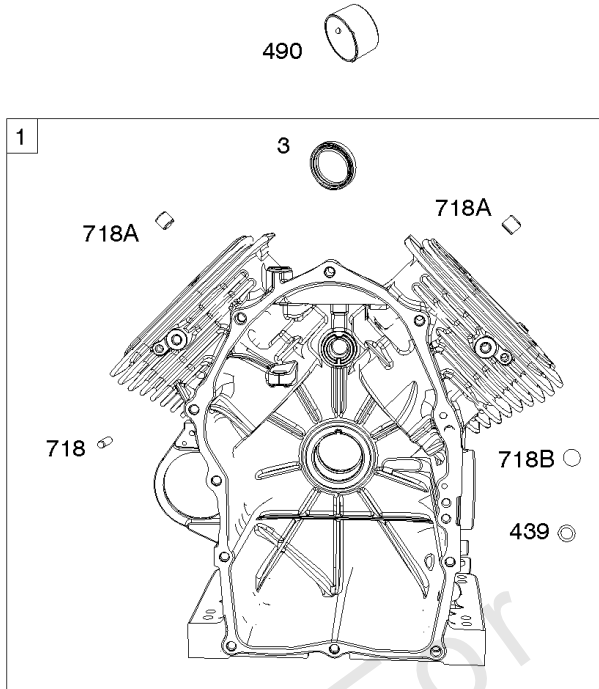


Cylinder Heads, Rocker Arm Covers

REF NO	PART NO	QTY	DESCRIPTION
5	846463		HEAD, Cylinder -(Cylinder 1)
5A	846464		HEAD, Cylinder -(Cylinder 2)
7	809730		GASKET, Cylinder Head
11	846502		TUBE, Breather -(Formed Hose)
13	809784		SCREW -(Cylinder Head) (M9x70mm)
21	843464		CAP, Oil Fill
33	844787		VALVE, Exhaust
34	846469		VALVE, Intake
35	845589		SPRING, Valve -(Intake) (Intake) (Pink)
36	845589		SPRING, Valve -(Exhaust) (Exhaust) (Pink)
40	844788		RETAINER, Valve
42	807683		KEEPER, Valve
45	809785		TAPPET, Valve
51	841592		GASKET, Intake -(Intake Manifold)
192	690083		ADJUSTER, Rocker Arm
337	792015		PLUG, Spark
383	19576S		WRENCH, Spark Plug
580	809894		SEAL, O-Ring -(Oil Fill Cap)
601	844405		CLAMP, Hose -(Breather Tube)
635	692076		BOOT, Spark Plug
708	841301		SEAL, O-Ring -(Breather Reed)
798	691492		SCREW -(Rocker Arm)
806	807357		SCREW -(Lifting Bracket)
868	691963		SEAL, Valve
883	809872		GASKET, Exhaust
914	807357		SCREW -(Rocker Cover)
1022	809732		GASKET, Rocker Cover
1023	809789		COVER, Rocker -(Cylinder #2)
1023A	809731		COVER, Rocker -(Cylinder #1)
1026	809783		ROD, Push -(Intake and Exhaust)
1029	690972		ARM, Rocker
1029A	807323		ARM, Rocker
1077	809729		BRACKET, Lifting
1100	791959		PIVOT, Rocker Arm
1376	806421		SCREW -(Breather Reed Cover)

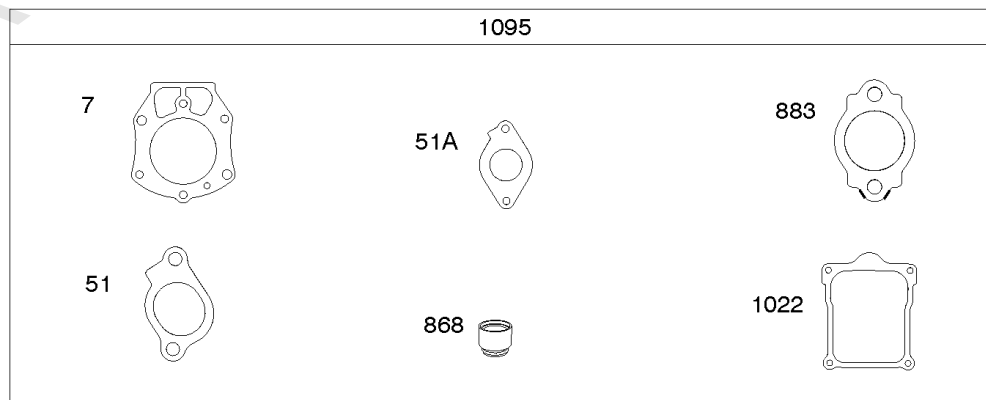
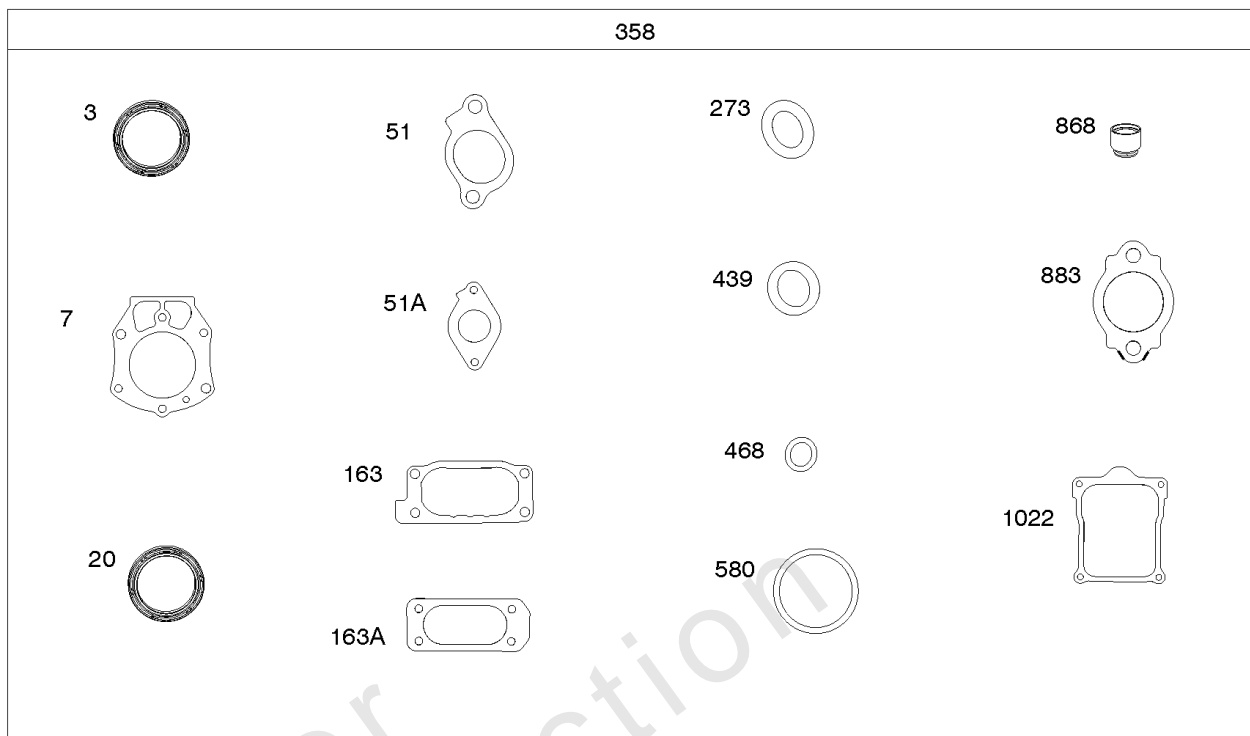
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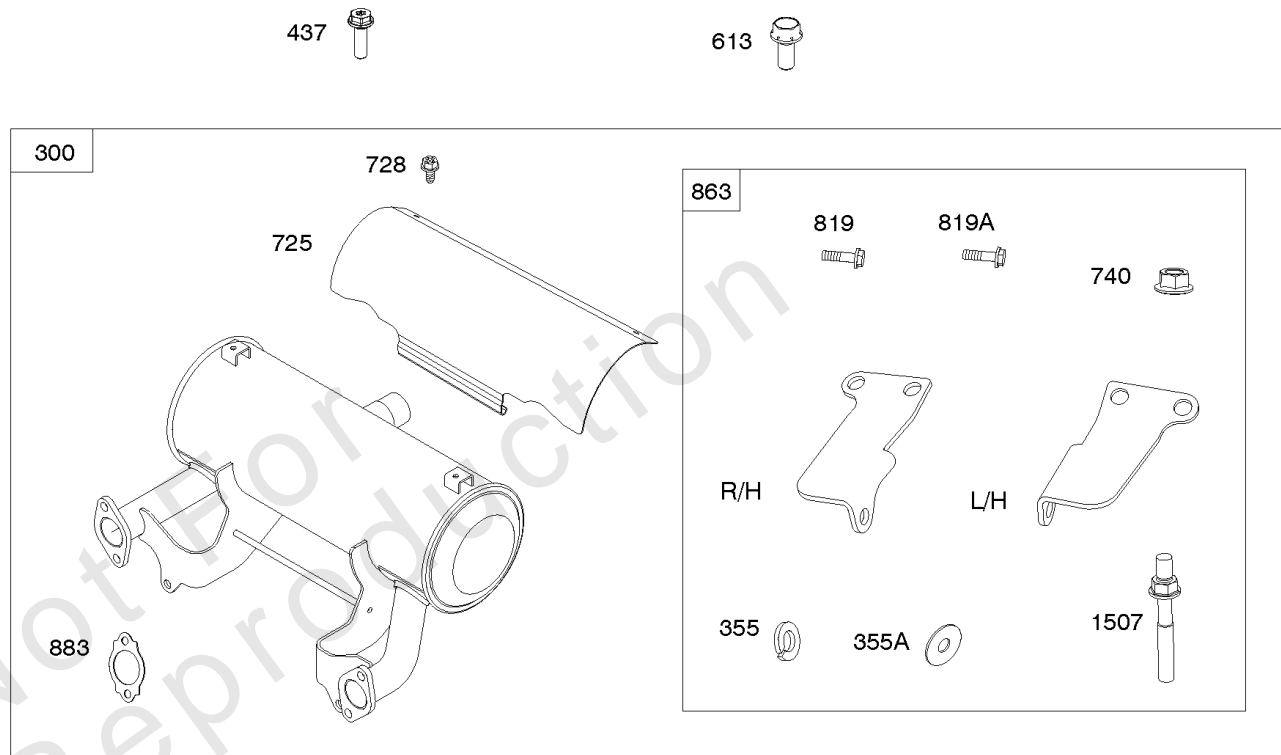
Cylinder, Crankshaft, Piston/Rings/Rod

REF NO	PART NO	QTY	DESCRIPTION
1	846429		CYLINDER ASSEMBLY
3	841596		SEAL, Oil -(Magneto Side)
12	846037		GASKET, Crankcase -(Metal Core Gasket)
12A	843969		GASKET, Crankcase -(Metal Core Gasket)
15	691680		PLUG, Oil Drain
16	842268		CRANKSHAFT
24	796335		KEY, Flywheel -(Steel)
25	842939		PISTON ASSEMBLY -(.020 Oversize)
25	841837		PISTON ASSEMBLY -(Standard)
26	841932		SET, Ring -(.020 Oversize)
26	809972		SET, Ring -(Standard)
27	807351		LOCK, Piston Pin
28	807361		PIN, Piston
29	841838		ROD, Connecting
32	807363		SCREW -(Connecting Rod)
239	841281		SWITCH, Oil Pressure
377	691639		KEY, Timing
415	794903		PLUG -(Oil Pressure Switch)
439	692154		O-RING, Oil Gallery -(Crankcase Cover/Sump or Cylinder Assembly) (Cylinder)
439A	846027		O-RING, Oil Gallery -(Crankcase Cover/Sump or Cylinder Assembly)
490	843433		BEARING, Magneto Side
718	690959		PIN, Locating -(Cylinder)
718A	809508		PIN, Locating -(Cylinder Head)
718B	845925		PIN, Locating -(Cylinder)
741	809432		GEAR, Timing
1036	-----		Label-Emissions -(Available From A Briggs & Stratton Authorized Dealer)
1330	-----		Repair Manual -(Not Available At This Printing)
1378	844795		SET, Washer/Nut -(Flywheel)



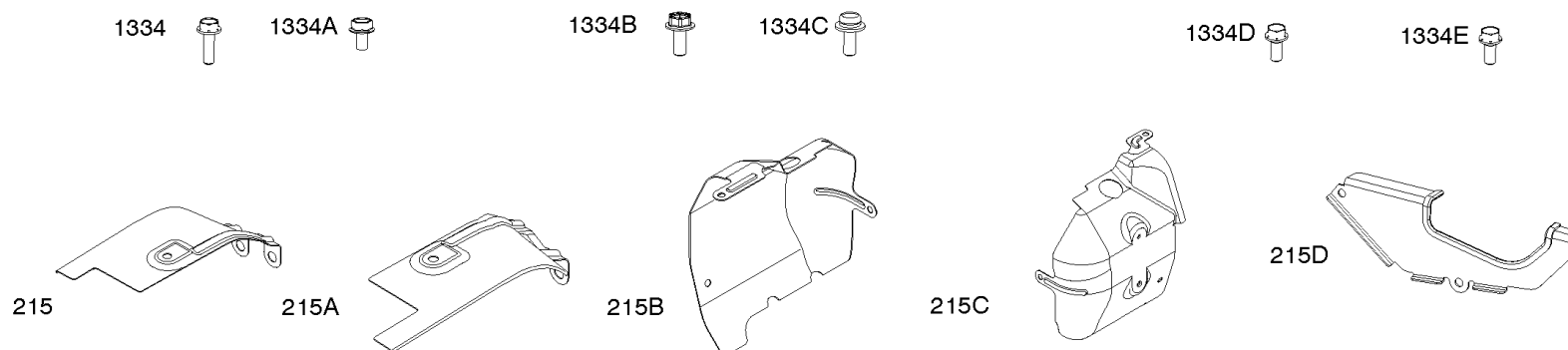
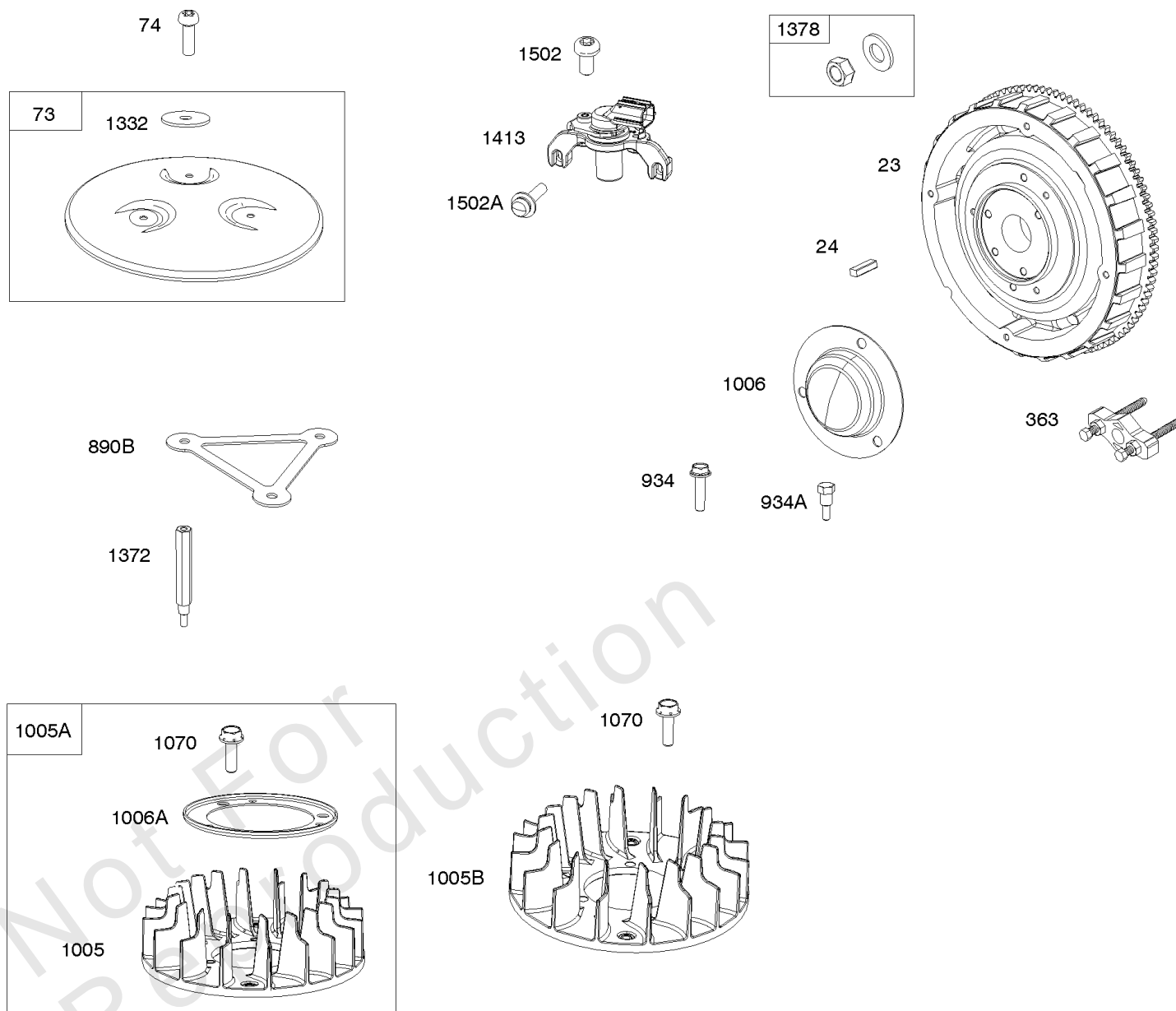
Engine Gasket Set, Valve Gasket Set

REF NO	PART NO	QTY	DESCRIPTION
3	841596		SEAL, Oil -(Magneto Side)
7	809730		GASKET, Cylinder Head
20	841596		SEAL, Oil -(PTO Side)
51	841592		GASKET, Intake -(Intake Manifold)
51A	846473		GASKET, Intake -(Intake Manifold/Throttle Body)
163	807375		GASKET, Air Cleaner
163A	843117		GASKET, Air Cleaner
273	690681		SEAL, O-Ring -(Oil Pump)
358	846671		GASKET SET, Engine
439	692154		O-RING, Oil Gallery -(Crankcase Cover/Sump or Cylinder Assembly) (Cylinder)
468	690690		SEAL, O-Ring -(Oil Pump Screen)
580	809894		SEAL, O-Ring -(Oil Fill Cap)
868	691963		SEAL, Valve
883	809872		GASKET, Exhaust
1022	809732		GASKET, Rocker Cover
1095	846672		GASKET SET, Valve



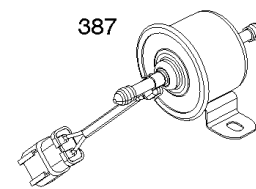
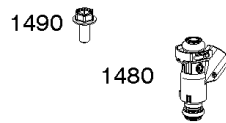
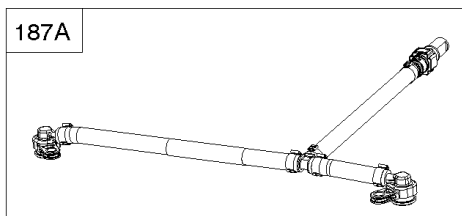
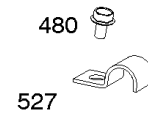
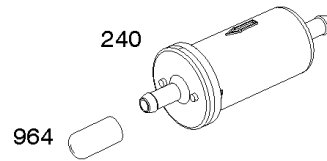
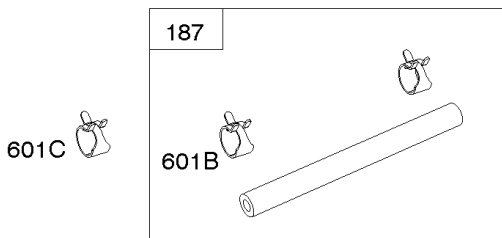
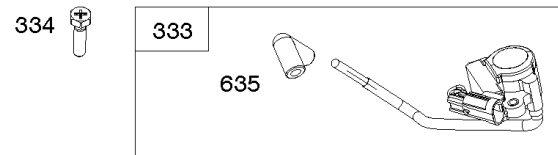
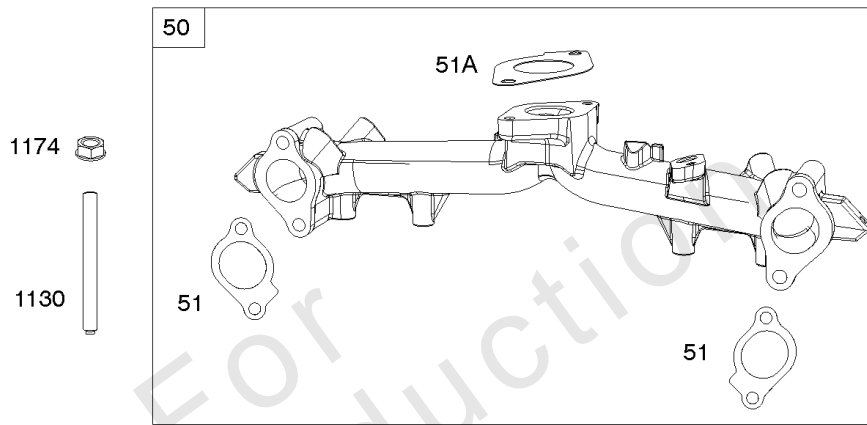
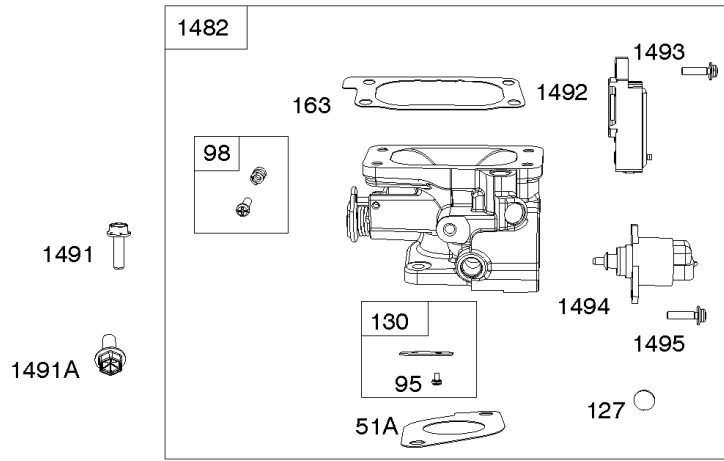
Exhaust System

REF NO	PART NO	QTY	DESCRIPTION
300	846444		MUFFLER
355	844035		WASHER -(Muffler Bracket) (Flat Washer)
355A	691075		WASHER -(Muffler Bracket) (Lockwasher)
437	846149		SCREW -(Exhaust Manifold) (M8x25mm)
613	692062		SCREW -(Muffler) (M8x18mm)
725	841132		SHIELD, Heat
728	692067		SCREW -(Heat Shield) (M6x12mm)
740	690941		NUT -(Muffler Bracket)
819	692062		SCREW -(Muffler Bracket) (M8x18mm)
819A	807362		SCREW -(Muffler Bracket) (M8x50mm)
863	843487		BRACKET, Muffler
883	809872		GASKET, Exhaust
1507	846324		STUD -(Muffler Bracket)



Flywheel, Flywheel Fan, Air Guides

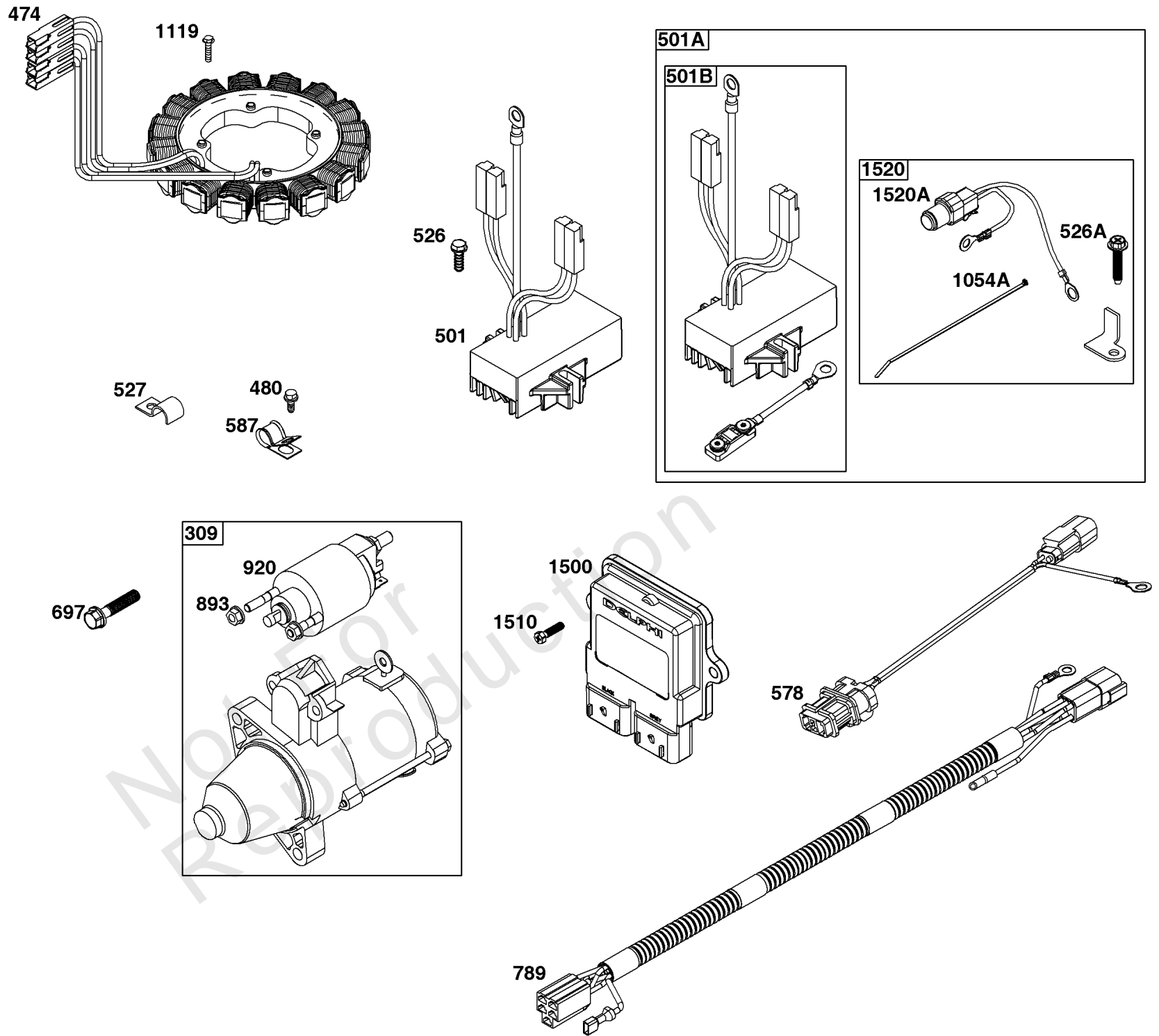
REF NO	PART NO	QTY	DESCRIPTION
23	846461		FLYWHEEL
24	796335		KEY, Flywheel -(Steel)
215	846455		GUIDE, Air -(Cylinder #1)
215A	846456		GUIDE, Air -(Cylinder #2)
215B	809897		GUIDE, Air -(Cylinder #2)
215D	846458		GUIDE, Air -(Valley)
215C	809738		GUIDE, Air -(Cylinder #1)
363	19203		PULLER, Flywheel
934	807421		SCREW -(Fan Retainer) (M6x25mm) -Used After Code Date 15080600
934A	841205		SCREW -(Fan Retainer) (M6x24mm) -Used Before Code Date 15080700
1005	846995		FAN, Flywheel -Used After Code Date 15080600
1005A	847199		FAN, Flywheel -Used Before Code Date 15080700
1006	846495		RETAINER, Fan -Used After Code Date 14093000
1006A	847198		RETAINER, Fan -Used Before Code Date 14100100
1070	807435		SCREW -(Flywheel Fan) (M6x20mm)
1332	809948		WASHER -(Rotating Screen)
1334	807435		SCREW -(Air Guide) (M6x20mm)
1334A	841233		SCREW -(Air Guide) (M6x10mm)
1334C	690677		SCREW -(Air Guide) (M4x12mm)
1334E	692056		SCREW -(Air Guide) (M8x14mm)
1334D	692062		SCREW -(Air Guide) (M8x18mm)
1334B	807084		SCREW -(Air Guide) (M6x14mm)
1372	809946		STUD -(Rotating Screen)
1378	844795		SET, Washer/Nut -(Flywheel)
1413	846457		SENSOR, Speed
1502	846459		SCREW -(Speed Sensor) (M5x10mm)
1502A	846868		SCREW -(Speed Sensor) (M4x18mm)



Not For
Reproduction

Intake Manifold, Throttle Body, Fuel System

REF NO	PART NO	QTY	DESCRIPTION
50	846503		MANIFOLD, Intake
51	841592		GASKET, Intake -(Intake Manifold)
51A	846473		GASKET, Intake -(Intake Manifold/Throttle Body)
95	593897		SCREW -(Throttle Valve)
98	846477		KIT, Idle Speed
127	691742		PLUG, Welch
130	846476		VALVE, Throttle
163	807375		GASKET, Air Cleaner
187	791766		LINE, Fuel -(15 Inches Long)(Cut to Required Length)
187	791745		LINE, Fuel -(23 Inches)(Cut To Required Length)
187A	846475		LINE, Fuel
240	845125		FILTER, Fuel
333	84005190		ARMATURE, Magneto
334	841552		SCREW -(Magneto Armature) (M5x20mm)
387	846470		PUMP, Fuel
480	841233		SCREW -(Tube Clamp) (M6x10mm)
527	690423		CLAMP, Tube
601B	791850		CLAMP, Hose -(Green)
601C	691038		CLAMP, Hose -(Black)
635	692076		BOOT, Spark Plug
964	590799		CAP, Connector
1130	841590		STUD -(Intake Manifold)
1174	842067		NUT -(Intake Manifold)
1480	593852		INJECTOR, Fuel
1482	846474		BODY, Throttle
1486	593905		SENSOR, Temperature/Manifold Absolute Pressure (MAP)
1489	807435		SCREW -(TEMP/MAP Sensor) (Intake Manifold)
1490	807084		SCREW -(Fuel Injector)
1491	807435		SCREW -(Throttle Body) (M6x20mm)
1491A	807084		SCREW -(Throttle Body) (M6x14mm)
1492	846478		SENSOR, Throttle
1493	847169		SCREW -(Throttle Sensor)
1494	846479		VALVE, Idle Air
1495	847169		SCREW -(Idle Air Valve)



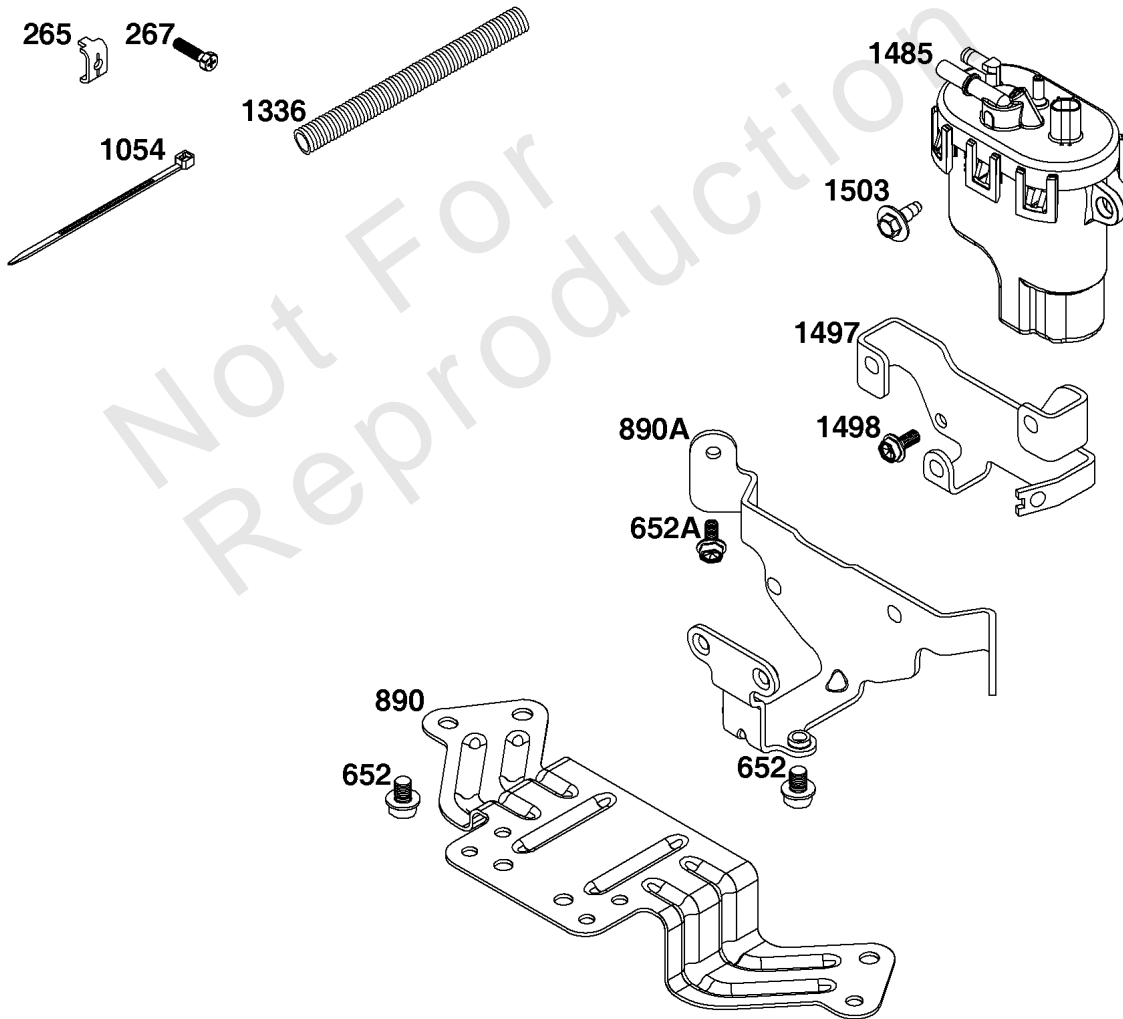
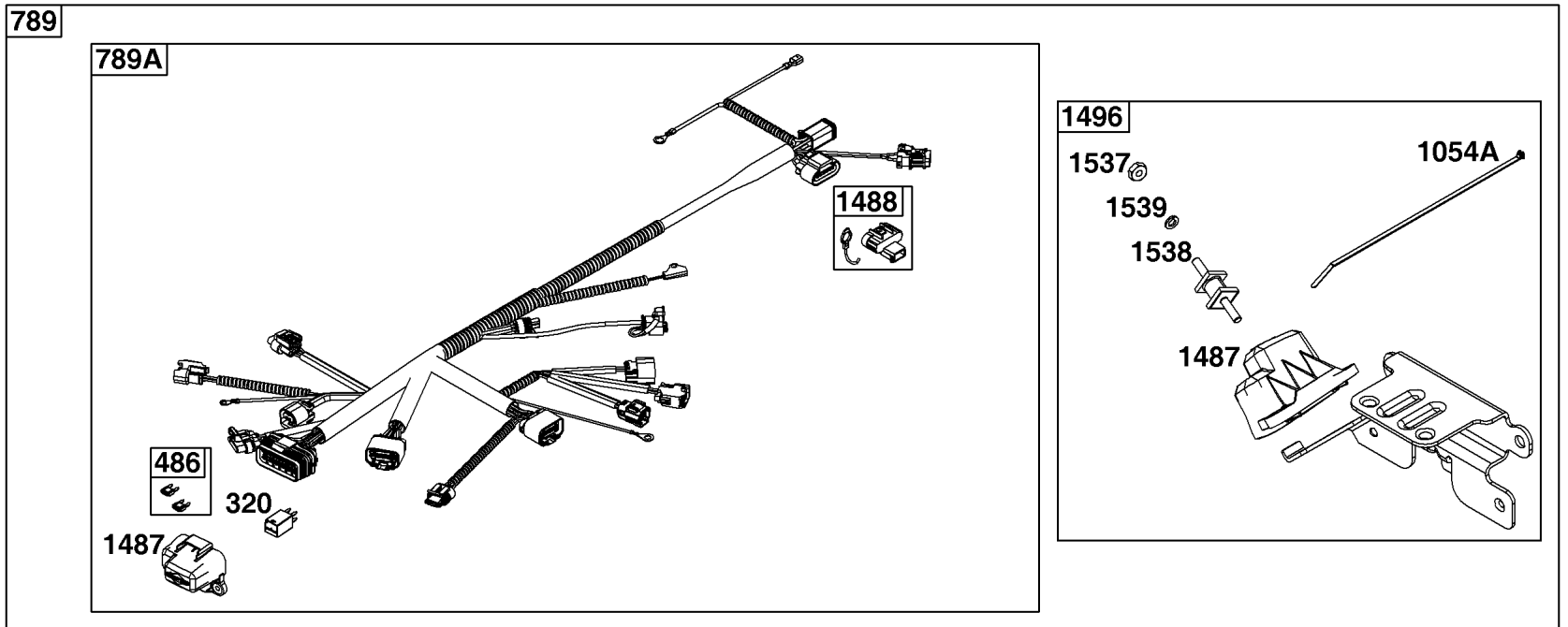
Regulator, Alternator, Wires, ECU

REF NO	PART NO	QTY	DESCRIPTION
309	845760		MOTOR, Starter
474	841178		ALTERNATOR
480	841233		SCREW -(Tube Clamp) (M6x10mm)
501	848220		REGULATOR -Used Before Code Date 17060100
501A	848221		REGULATOR -Used After Code Date 17053100 -Used Before Code Date 18021200
501B	848187		REGULATOR -Used After Code Date 18021100
526	690717		SCREW -(Regulator) (M6x30mm)
526A	847149		SCREW -(Regulator) (M6x32mm)
527	690423		CLAMP, Tube
578	846423		WIRE ASSEMBLY
587	807116		CLAMP, Cable
697	690711		SCREW -(Starter Motor) (Drive Cap) (M8x38mm)
789	846776		HARNESS, Wiring
893	845758		NUT -(Starter Solenoid)
920	846737		SOLENOID, Starter
1054A	861206		TIE, Cable -(Black, Nylon)
1119	691552		SCREW -(Alternator)
1500	846484		MODULE, Electronic Control -(Not Programmed) (Not Programmed)
1510	841552		SCREW -(Electronic Control Module) (M5x20mm)
1520	847148		CAPACITOR
1520A	847147		CAPACITOR

Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	61E4770006	1	Replacement Engine
	-----		Top No-Load Speed: 4750 -Trim: ALL

Not For Reproduction



Wire Harness, Fuel Module, Brackets

REF NO	PART NO	QTY	DESCRIPTION
265	691024		CLAMP, Casing -(Control Bracket)
267	841552		SCREW -(Casing Clamp) (M5x20mm)
320	593902		RELAY(S) -(Wire Harness)
486	593901		FUSE
652	845964		SCREW -(Support Bracket) (M6x10mm)
652A	807084		SCREW -(Support Bracket) (M6x14mm)
789	847336		HARNESS, Wiring -Before Code Date 16080100
789A	846867		HARNESS, Wiring -After Code Date 16073100
890	846493		BRACKET, Support -(Fuel Module Heat Shield)
890A	846506		BRACKET, Support -(Fuel Module)
1054	280275		TIE, Cable -(Clear, Nylon)
1054A	861206		TIE, Cable -(Black, Nylon)
1336	841015		SHIELD, Wire Protective -(Cut To Required Length)
1485	593890		MODULE, Fuel
1487	847334		COVER, Fuse
1488	593899		COVER, Diagnostic
1496	847337		COVER, Fuse
1497	846505		BRACKET, Fuel Module
1498	807084		SCREW -(Fuel Module Bracket)
1503	594618		SCREW -(Fuel Module) (1/4-20x.5)
1537	703460		NUT -(Fuse Cover)
1538	847332		STUD -(Fuse Cover)
1539	847333		WASHER -(Fuse Cover)

