



# Parts Manual

Mfg. No: 542477-2121-J1

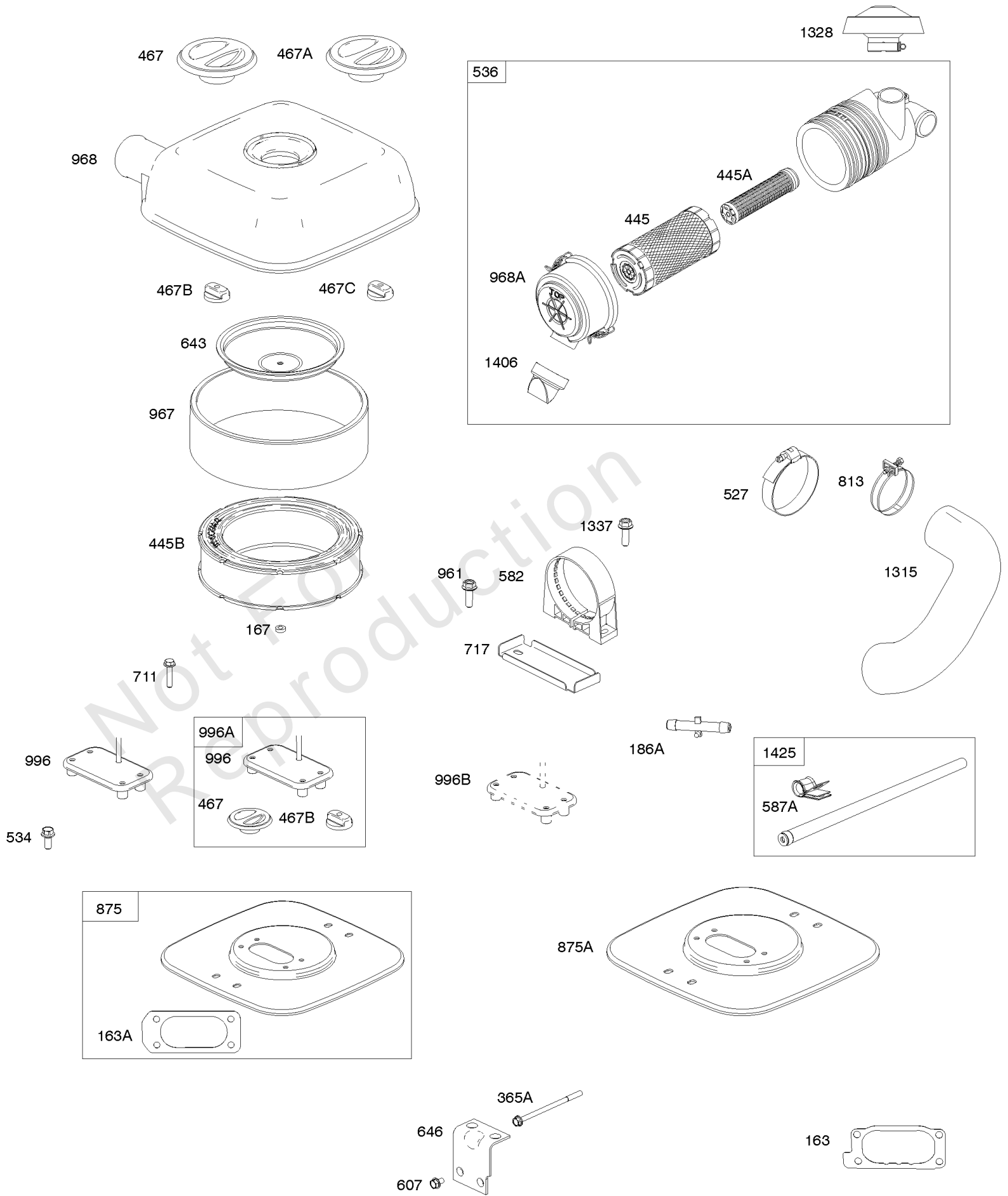


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## Air Cleaner Systems

REF NO	PART NO	QTY	DESCRIPTION
163	807375		GASKET, Air Cleaner
167	841855		SEAL, Air Cleaner Nut -Used Before Code Date 14012800
186A	845121		CONNECTOR, Hose -(EVAP)
365A	841853		SCREW -(Carburetor/Throttle Body) (M6x103mm)
445	841497		FILTER, A/C Cartridge
445A	821136		FILTER, A/C Cartridge
445B	692519		FILTER, A/C Cartridge
467	846008		KNOB, Air Cleaner Cover -(M8) -Used After Code Date 14012700
467A	841846		KNOB, Air Cleaner Cover -(M6) -Used Before Code Date 14012800
467C	691985		KNOB, Air Cleaner Cover -(M6) -Used Before Code Date 14012800
467B	846007		KNOB, Air Cleaner Cover -(M8) -Used After Code Date 14012700
527	690423		CLAMP, Tube
534	692062		SCREW -(Air Cleaner)
536	809670		CLEANER, Air
582	809878		CLAMP, Air Cleaner
587A	807116		CLAMP, Tube
607	841233		SCREW -(Air Cleaner Brace)
643	844932		RETAINER, Air Cleaner
646	841849		BRACE, Air Cleanr
711	807385		SCREW -(Carburetor Shield)
717	841886		BRACKET, Air Cleaner
813	807376		CLAMP -(Air Cleaner Hose)
875	843118		BASE, Air Cleaner -Used After Code Date 06062200
875A	841851		BASE, Air Cleaner -Used Before Code Date 06062300
961	807382		SCREW -(Air Cleaner Bracket)
967	692520		FILTER, Pre Cleaner
968A	842621		COVER, Air Cleaner
996	846006		SHIELD, Carburetor -(M8 Stud) -Used After Code Date 14012700
996A	846013		SHIELD, Carburetor -(M8 Stud) -Used After Code Date 06062200 -Used Before Code Date 14012800
996B	-----		Shield-Carburetor -(M6 Stud) (NO LONGER AVAILABLE) -Used Before Code Date 06062300
1315	809905		HOSE, Air Cleaner
1328	809907		CAP, A/C Rain
1337	807382		SCREW -(Air Cleaner Clamp)



## *Air Cleaner Systems*

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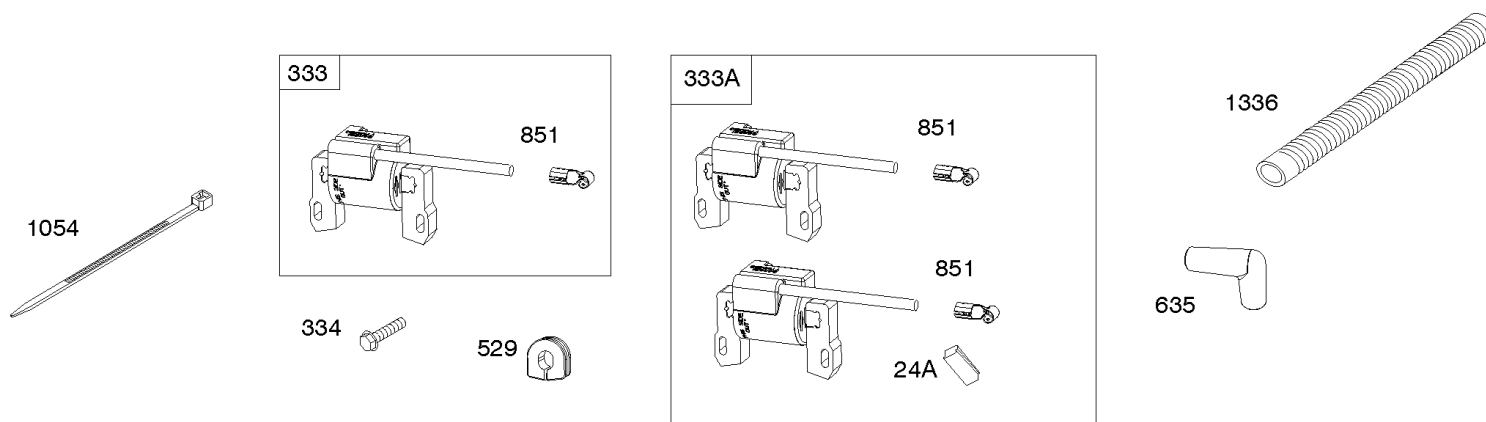
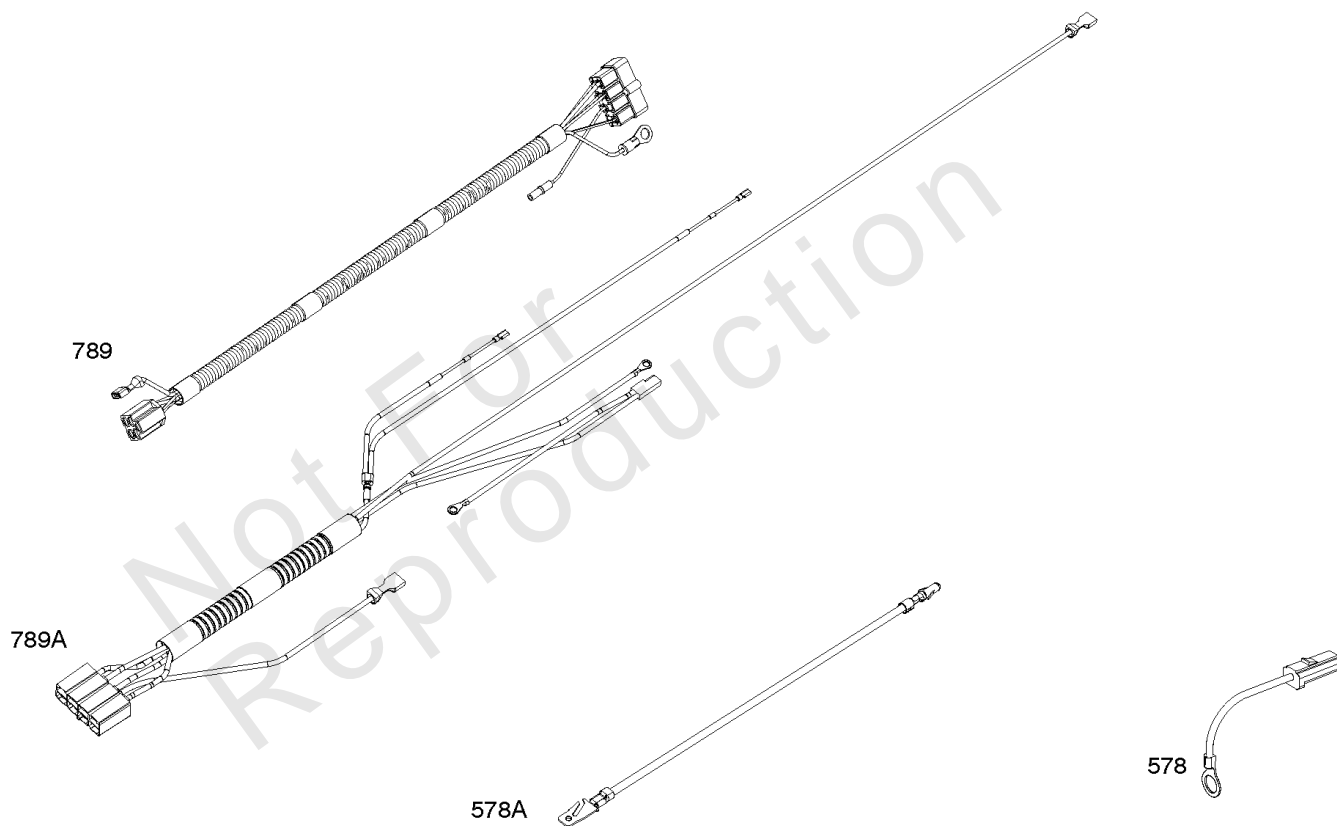
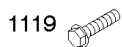
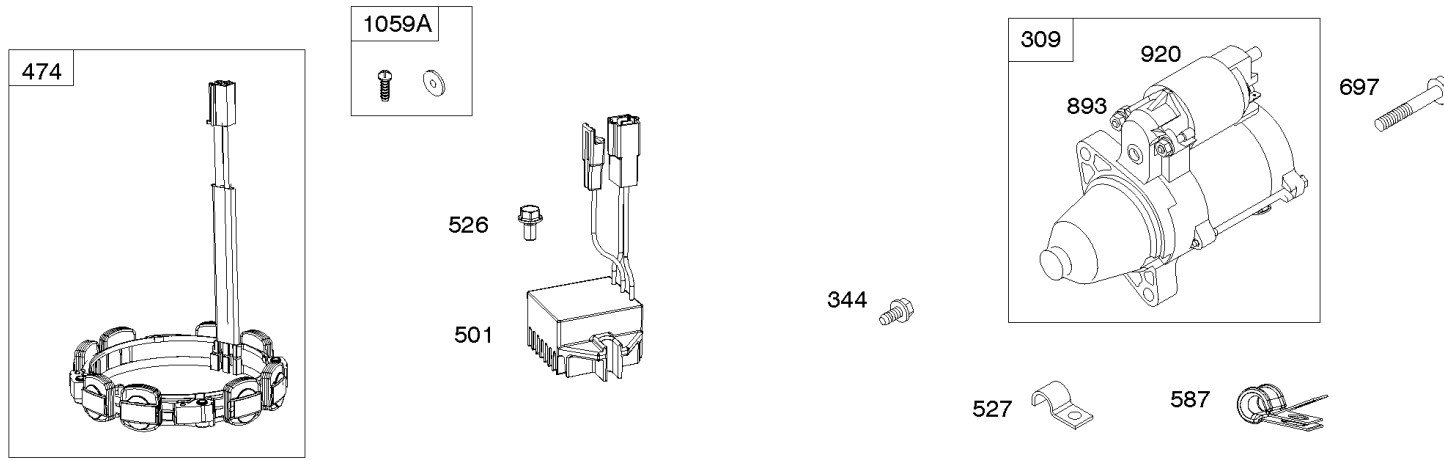
REF NO	PART NO	QTY	DESCRIPTION
1406	842623		VALVE, Debris
1425	844712		HOSE, Purge Line

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# Alternator, Electric Starter, Wire Harness', Armature

Mfg. No: 542477-2121-J1



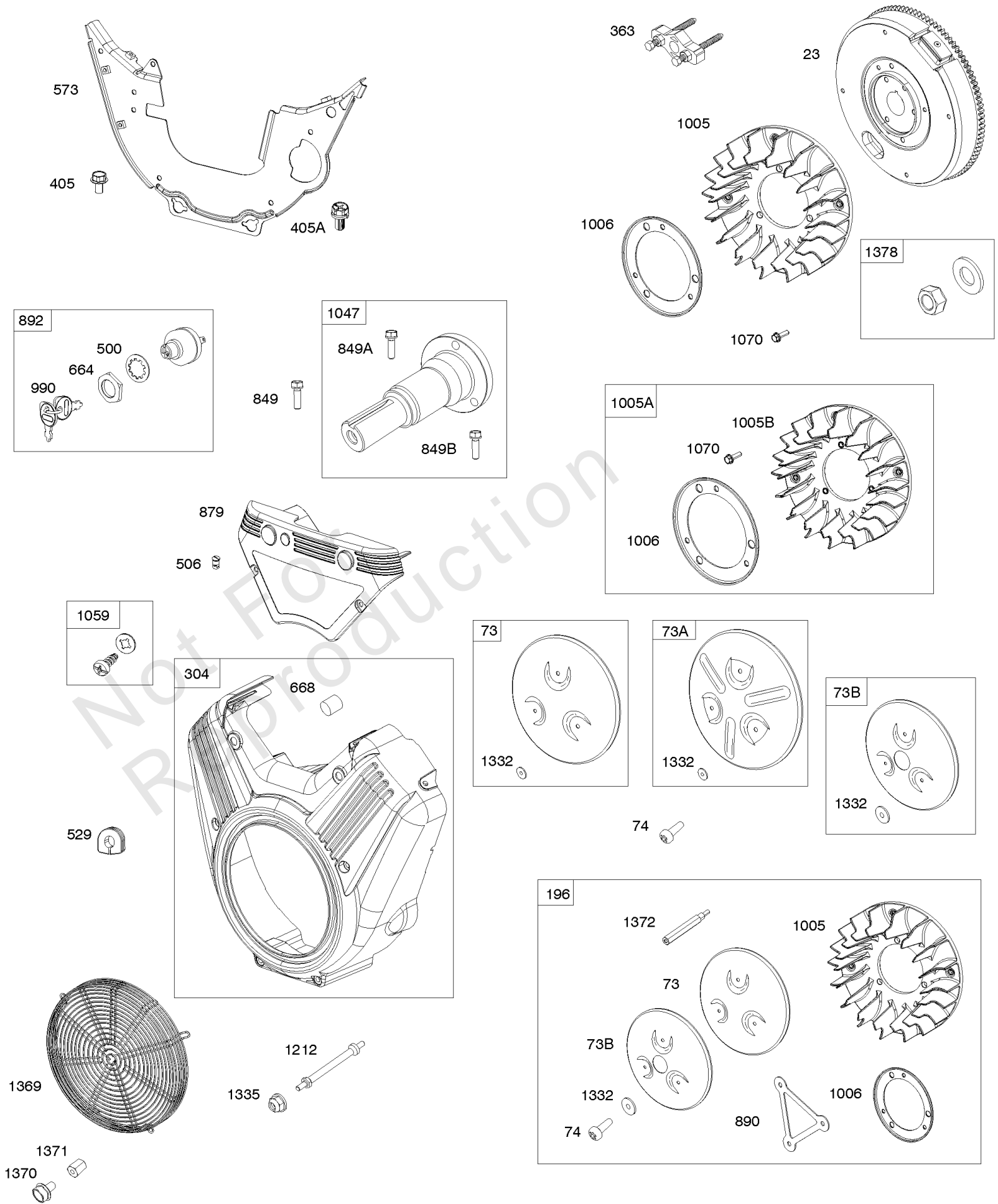


## Alternator, Electric Starter, Wire Harness', Armature

REF NO	PART NO	QTY	DESCRIPTION
24A	843837		KEY, Flywheel -(Offset Key) (Aluminum) -Used Before Code Date 06111500
309	845760		MOTOR, Starter
333	845126		ARMATURE, Magneto -Used After Code Date 06111400
333A	843860		ARMATURE, Magneto -(Includes Offset Flywheel Key) -Used Before Code Date 06111500
334	692066		SCREW -(Magneto Armature)
344	841233		SCREW -(Cable Clamp) (M6x10mm)
474	846882		ALTERNATOR
501	593843		REGULATOR
526	690717		SCREW -(Regulator) (M6x30mm)
527	690423		CLAMP, Tube
529	690744		GROMMET -(Magneto Armature Wires)
578	846899		WIRE ASSEMBLY -(Regulator to Starter Motor) (Red) -Used After Code Date 15110100
578A	847202		WIRE ASSEMBLY -(Wire Harness to Regulator)
587	846866		CLAMP, Cable
635	692076		BOOT, Spark Plug
697	690711		SCREW -(Starter Motor) (Drive Cap) (M8x38mm)
789	809967		HARNESS, Wiring
789A	809906		HARNESS, Wiring -Used Before Code Date 15110200
789A	847060		HARNESS, Wiring -Used After Code Date 15110100
851	493880S		TERMINAL-SPARK PLUG
893	845758		NUT -(Starter Solenoid)
920	845757		SOLENOID, Starter -Used Before Code Date 15090700
920	846737		SOLENOID, Starter -Used After Code Date 15090600
1054	280275		TIE, Cable
1059A	698516		KIT, Screw/Washer -(Alternator)
1119	691552		SCREW -(Alternator)
1336	841015		SHIELD, Wire Protective

# Blower Housing, Flywheel, Stub Shaft

Mfg. No: 542477-2121-J1

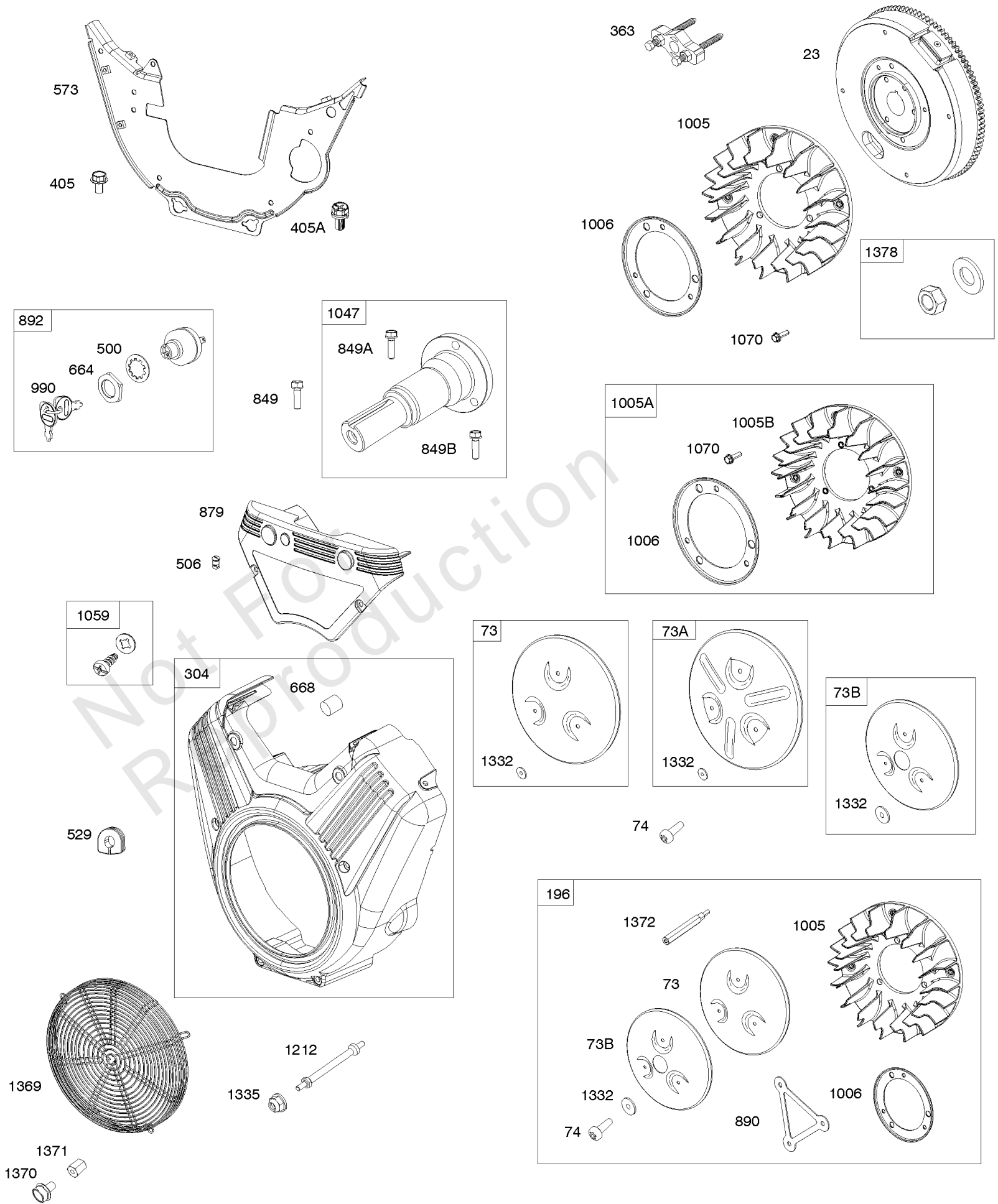


## Blower Housing, Flywheel, Stub Shaft

REF NO	PART NO	QTY	DESCRIPTION
23	844385		FLYWHEEL
73	841840		SCREEN, Rotating -Used After Code Date 05010900
73B	842248		SCREEN, Rotating -(Stub Shaft Hole)
74	809947		SCREW -(Rotating Screen)
196	847200		GUARD, Flywheel Fan -Used Before Code Date 05011000
304	809959		HOUSING, Blower -Used Before Code Date 11040900
304	846964		HOUSING, Blower -Used After Code Date 11040800
363	19203		PULLER, Flywheel
405	841233		SCREW -(Back Plate) (M6x10mm)
405A	841735		SCREW -(Back Plate) (M6x14mm) -Used After Code Date 14121500
500	691086		WASHER -(Key Switch)
506	809957		SCREW -(Carburetor/EFI Cover) -Used Before Code Date 11040800
529	690744		GROMMET -(Magneto Armature Wires)
573	846840		PLATE, Back
664	691087		NUT -(Key Switch)
668	841974		SPACER -(Blower Housing)
849A	691088		SCREW -(Stub Shaft) (5/16-18x1.1) -Used Before Code Date 14112700
879	809955		COVER, Carburetor/EFI
890	809987		BRACKET, Support -(Rotating Screen)
892	692318		SWITCH, Key
990	691959		SET, Key
1005	846996		FAN, Flywheel -Used After Code Date 15080600
1005A	847199		FAN, Flywheel -Used Before Code Date 15080700
1005B	846995		FAN, Flywheel -Used Before Code Date 15080700
1006	847198		RETAINER, Fan
1047	841304		SHAFT, Stub
1059	845300		KIT, Screw/Washer -(Blower Housing) -Used After Code Date 11040700
1070	807435		SCREW -(Flywheel Fan) (M6x20mm)
1212	809958		STUD -(Blower Housing)
1332	809948		WASHER -(Rotating Screen)
1335	690939		NUT -(Blower Housing)
1369	842858		GUARD, Flywheel Fan

# Blower Housing, Flywheel, Stub Shaft

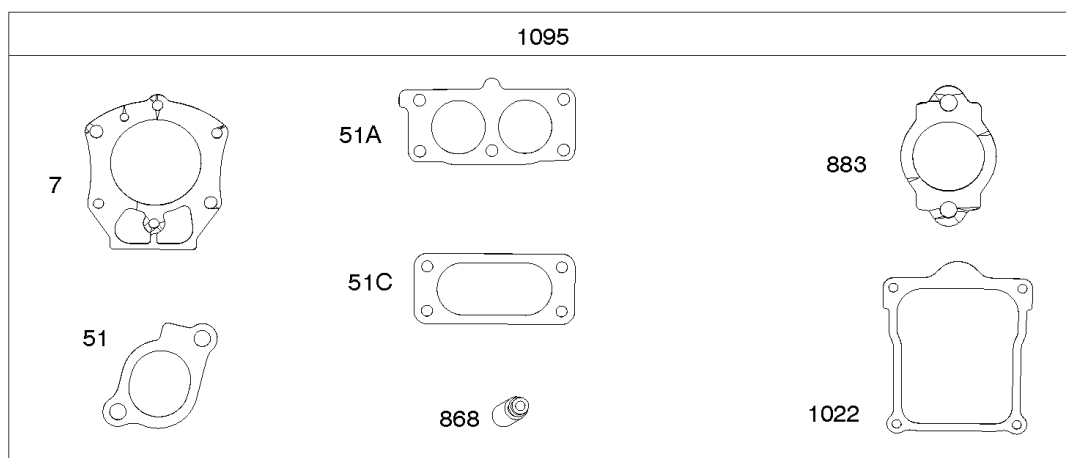
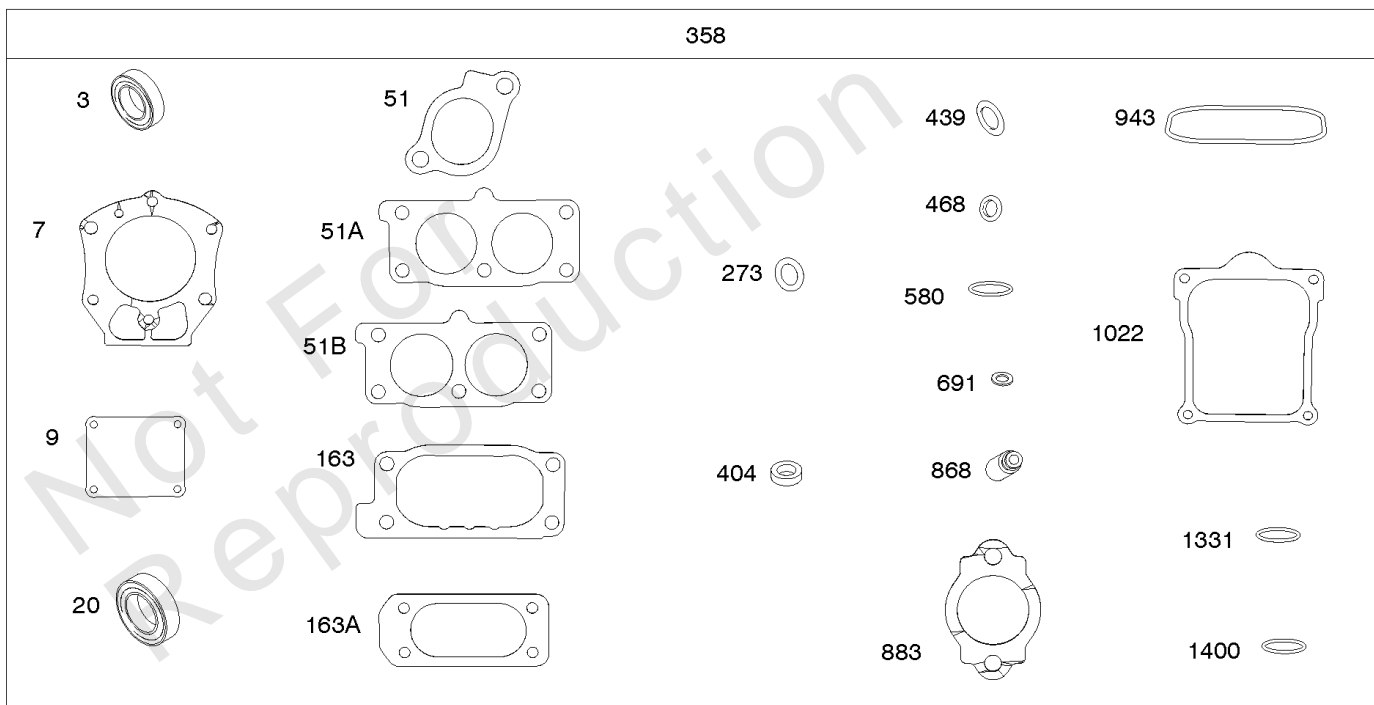
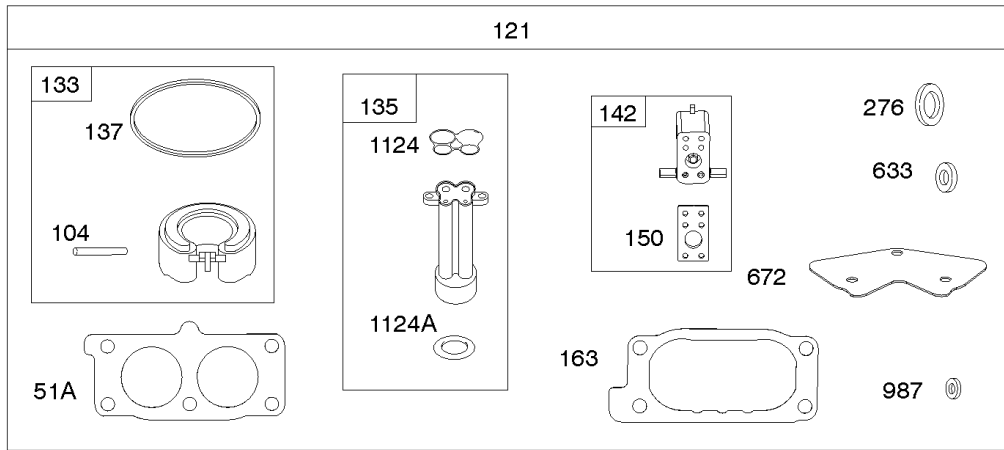
Mfg. No: 542477-2121-J1



## ***Blower Housing, Flywheel, Stub Shaft***

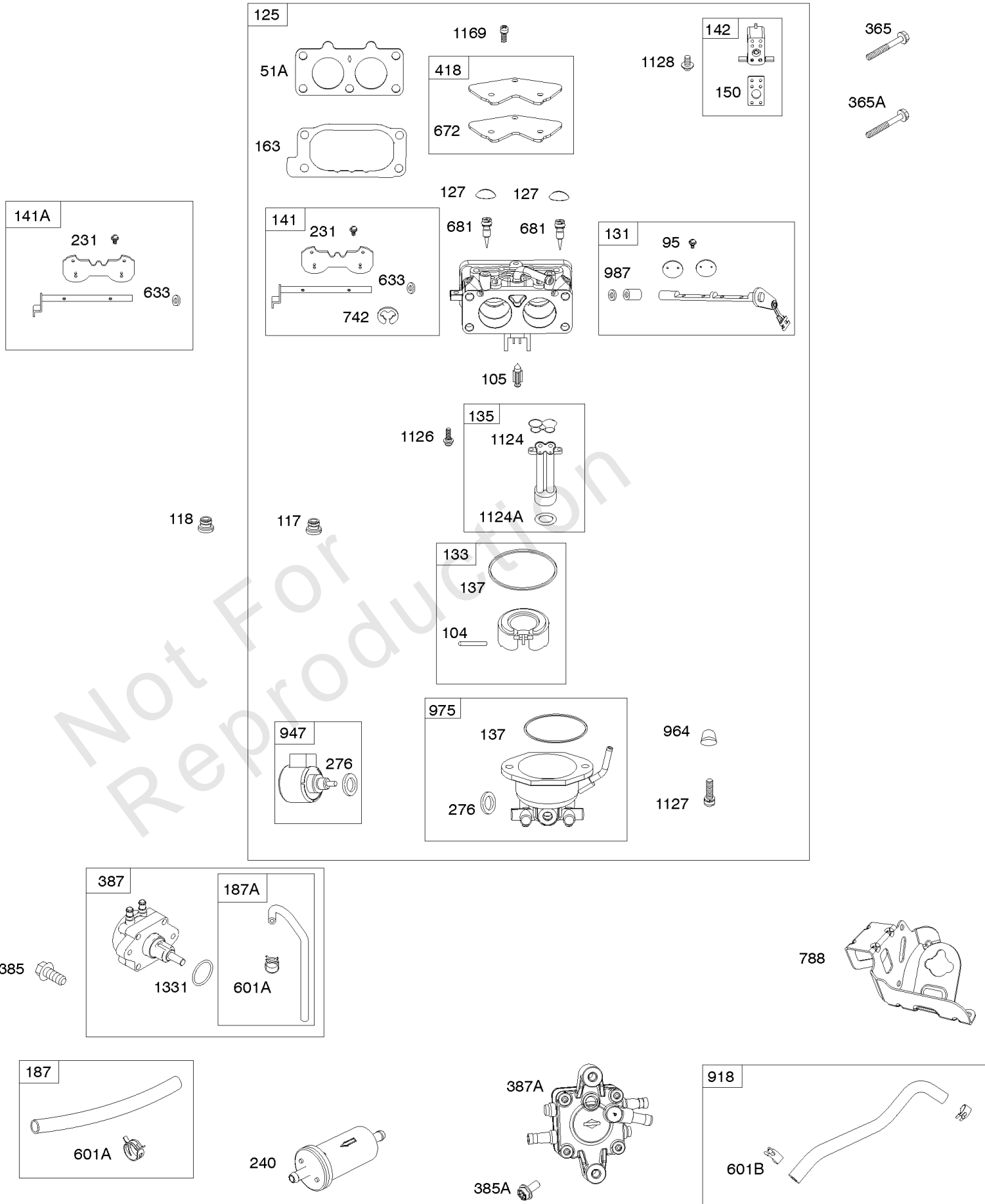
REF NO	PART NO	QTY	DESCRIPTION
1370	841233		SCREW -(Flywheel Fan Guard) (M6x10mm)
1371	841537		NUT -(Flywheel Fan Guard)
1372	809946		STUD -(Rotating Screen)
1378	844795		SET, Washer/Nut -(Flywheel)

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## Carburetor Overhaul Kit, Engine/Valve Gasket Set

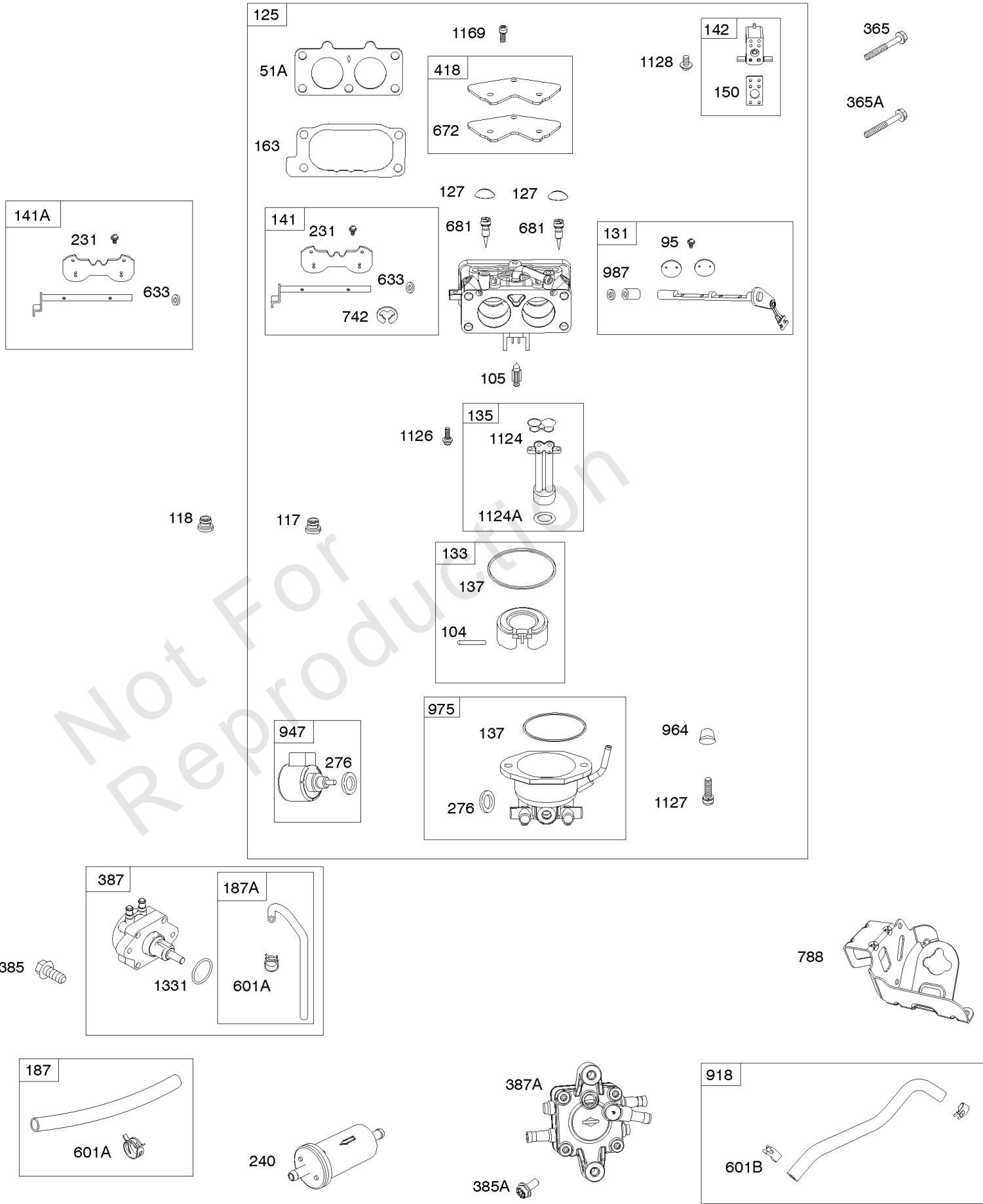
REF NO	PART NO	QTY	DESCRIPTION
3	841596		SEAL, Oil -(Magneto Side)
7	809730		GASKET, Cylinder Head
9	842545		GASKET, Breather
20	841596		SEAL, Oil -(PTO Side)
51	841592		GASKET, Intake
51A	809910		GASKET, Intake -(Intake Hole Diameter 30.5mm)
51B	841882		GASKET, Intake -(Intake Hole Diameter 32mm)
51C	843455		GASKET, Intake
104	690882		PIN, Float Hinge
121	841548		KIT, Carburetor Overhaul
133	841545		FLOAT, Carburetor
135	841646		TUBE, Fuel Transfer
137	841651		GASKET, Float Bowl
142	699726		NOZZLE, Carburetor
150	841649		GASKET, Nozzle
163	807375		GASKET, Air Cleaner
273	690681		SEAL, O-Ring -(Oil Pump)
276	695410		WASHER, Sealing
358	841122		GASKET SET, Engine
404	809436		WASHER -(Governor Crank)
439	692154		O-RING, Oil Gallery -(Crankcase Cover/Sump or Cylinder Assembly)
468	690690		SEAL, O-Ring -(Oil Pump Screen)
580	809894		SEAL, O-Ring -(Oil Fill Cap)
633	690722		SEAL, Choke/Throttle Shaft -(Choke Shaft)
672	841655		GASKET, Carburetor Plate
691	809287		SEAL, Governor Shaft
868	691963		SEAL, Valve
883	809872		GASKET, Exhaust
943	842538		SEAL, O-Ring -(Oil Pump Cover)
987	808183		SEAL, Choke/Throttle Shaft
1022	809732		GASKET, Rocker Cover
1095	843713		GASKET SET, Valve
1124	841647		SEAL, O-Ring -(Fuel Transfer Tube)
1124A	841653		SEAL, O-Ring -(Fuel Transfer Tube)
1331	809894		SEAL, O-Ring -(Fuel Pump)
1400	809894		SEAL, O-Ring -(Fuel Pump Cover)





## Carburetor, Fuel Supply

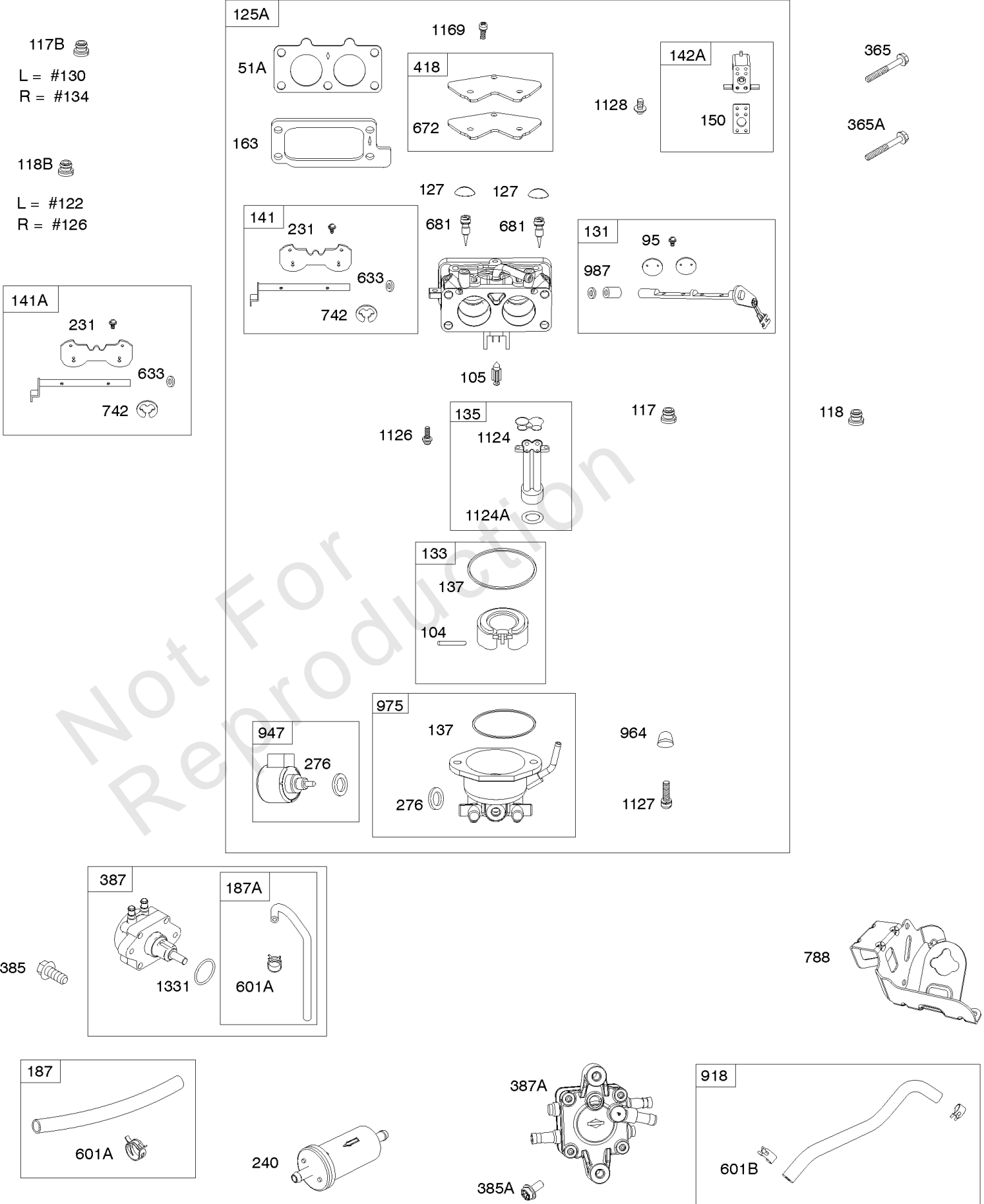
REF NO	PART NO	QTY	DESCRIPTION
51A	809910		GASKET, Intake -(Intake Hole Diameter 30.5mm)
95	690718		SCREW -(Throttle Valve)
104	690882		PIN, Float Hinge
105	698537		VALVE, Float Needle
117	842633		JET, Main -(Standard) (Left Jet) (#136)
117	845289		JET, Main -(Standard) (Right Jet) (#140)
118	842012		JET, Main -(High Altitude) (Right Jet) (#134)
118	842629		JET, Main -(High Altitude) (Left Jet) (#130)
125	845274		CARBURETOR
127	844590		PLUG, Welch
131	841551		KIT, Throttle Shaft
133	841545		FLOAT, Carburetor
135	841646		TUBE, Fuel Transfer
137	841651		GASKET, Float Bowl
141	844733		KIT, Choke Shaft
141A	841549		KIT, Choke Shaft -Used After Code Date 04033100 -Used Before Code Date 10050100
142	699726		NOZZLE, Carburetor
150	841649		GASKET, Nozzle
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	844081		LINE, Fuel -(Formed Hose)
231	690718		SCREW -(Choke Valve)
240	845125		FILTER, Fuel
276	695410		WASHER, Sealing
365	807437		SCREW -(Carburetor/Throttle Body) (M6x85mm)
365A	841853		SCREW -(Carburetor/Throttle Body) (M6x103mm)
385	809876		SCREW -(Fuel Pump) (M5x22mm)
387	844086		PUMP, Fuel
387A	844527		PUMP, Fuel
418	843346		PLATE, Carburetor Cover
601A	791850		CLAMP, Hose -(Green)
601B	691038		CLAMP, Hose -(Black)
633	690722		SEAL, Choke/Throttle Shaft -(Choke Shaft)
672	841655		GASKET, Carburetor Plate
681	845290		KIT, Needle Valve
742	807001		RETAINER, E Ring -(Choke Shaft)
788	844528		BRACKET, Fuel Pump



## Carburetor, Fuel Supply

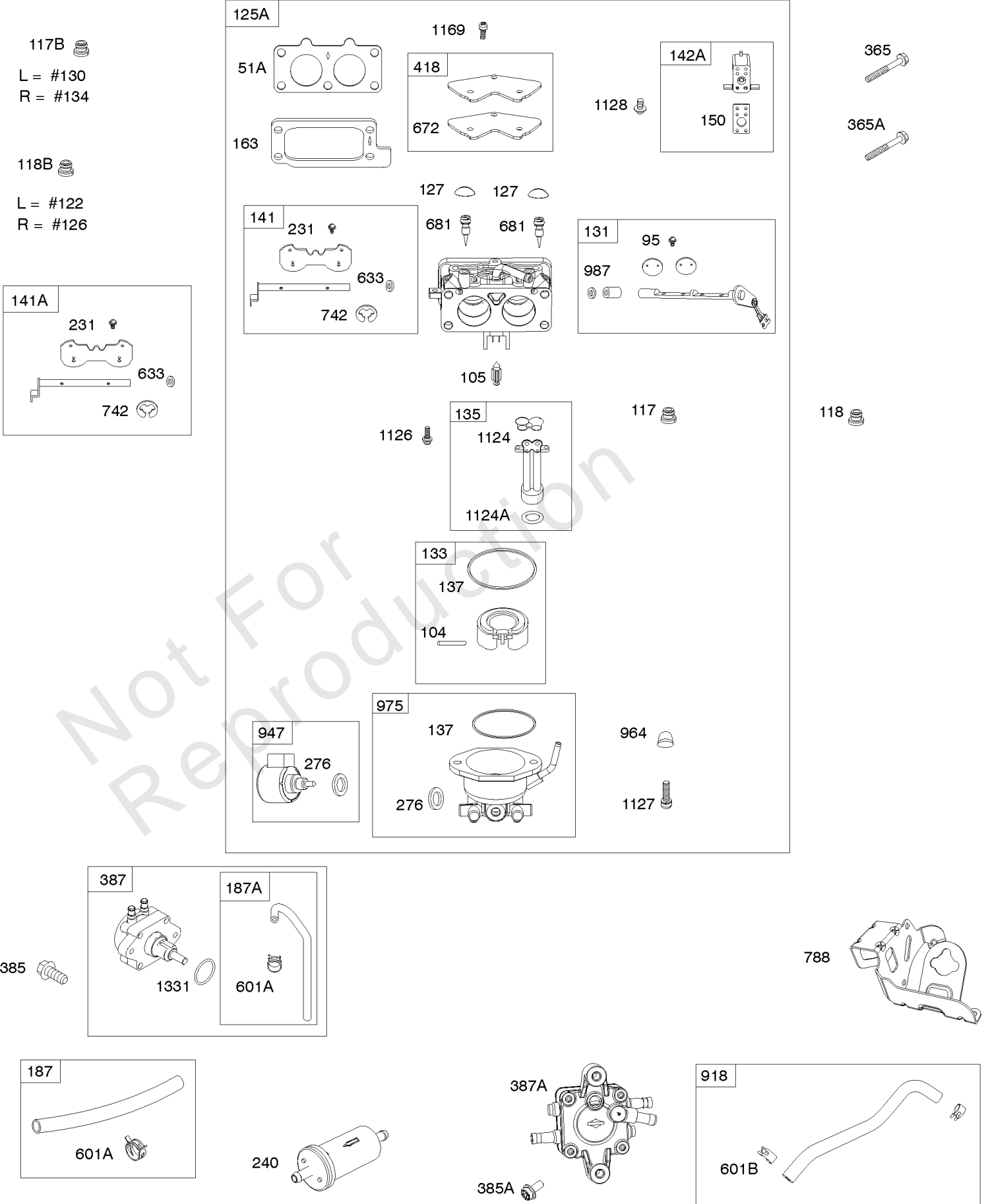
REF NO	PART NO	QTY	DESCRIPTION
918	844525		HOSE, Vacuum
947	841546		SOLENOID, Fuel
964	807468		CAP, Carburetor
975	841650		BOWL, Float
987	808183		SEAL, Choke/Throttle Shaft
1124	841647		SEAL, O-Ring -(Fuel Transfer Tube)
1124A	841653		SEAL, O-Ring -(Fuel Transfer Tube)
1126	841619		SCREW -(Fuel Transfer Tube)
1127	841621		SCREW -(Float Bowl to Carburetor Body)
1128	690990		SCREW -(Carburetor Nozzle)
1169	690990		SCREW -(Carburetor Cover Plate)
1331	809894		SEAL, O-Ring -(Fuel Pump)

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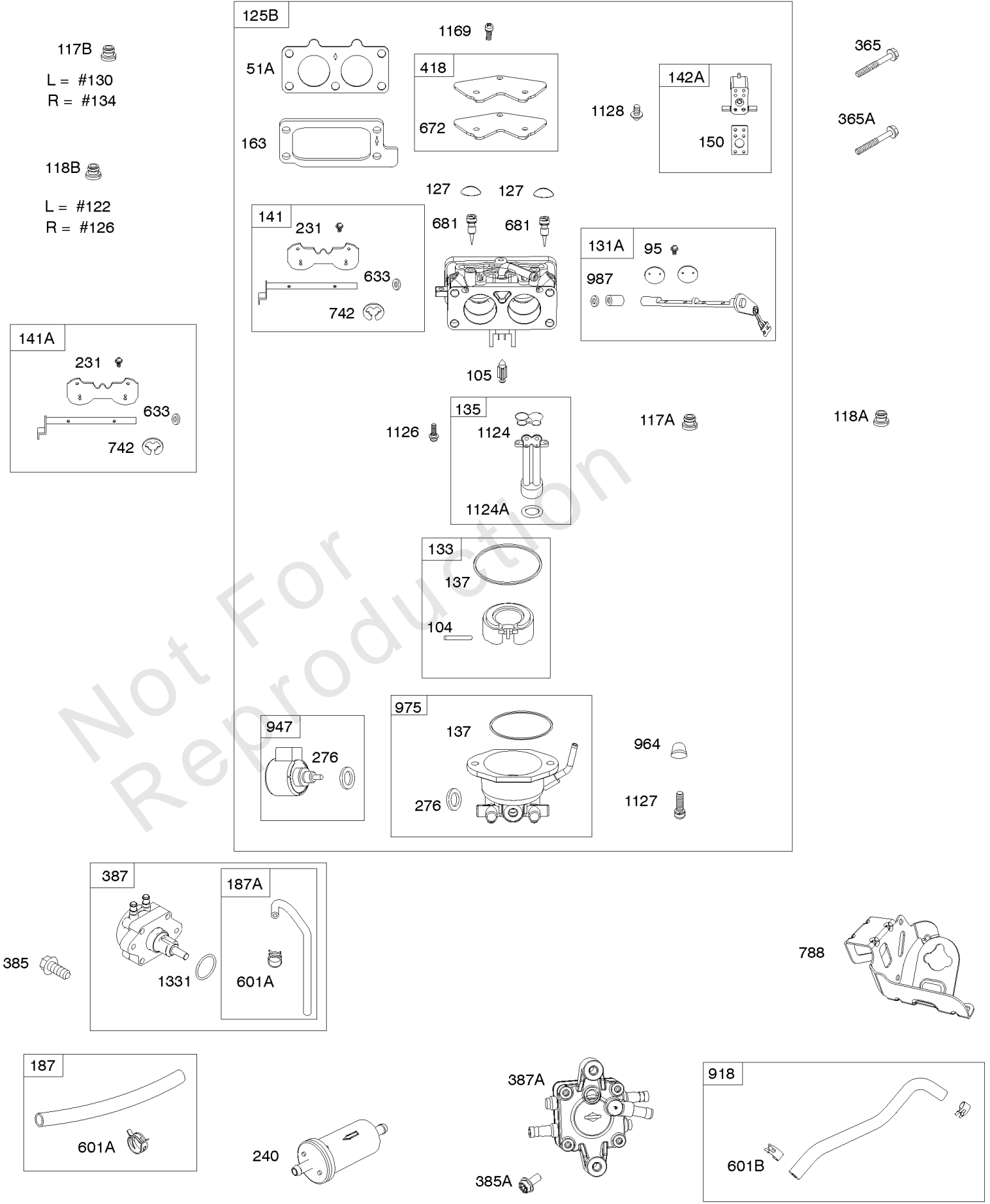
## Carburetor, Fuel Supply

REF NO	PART NO	QTY	DESCRIPTION
51A	809910		GASKET, Intake -(Intake Hole Diameter 30.5mm)
95	690718		SCREW -(Throttle Valve)
104	690882		PIN, Float Hinge
105	698537		VALVE, Float Needle
117	842633		JET, Main -(Standard) (Left Jet) (#136)
117	845289		JET, Main -(Standard) (Right Jet) (#140)
117B	842629		JET, Main -(Standard) (Left Jet) (#130)
117B	842012S		JET, Main -(Standard) (Right Jet) (#134)
118	842012		JET, Main -(High Altitude) (Right Jet) (#134)
118	842629		JET, Main -(High Altitude) (Left Jet) (#130)
118B	842627		JET, Main -(High Altitude) (Left Jet) (#122)
118B	842082		JET, Main -(High Altitude) (Right Jet) (#126)
127	844590		PLUG, Welch
131	841551		KIT, Throttle Shaft
133	841545		FLOAT, Carburetor
135	841646		TUBE, Fuel Transfer
137	841651		GASKET, Float Bowl
141	844733		KIT, Choke Shaft
141A	841549		KIT, Choke Shaft -Used After Code Date 04033100 -Used Before Code Date 10050100
142A	841648		NOZZLE, Carburetor
150	841649		GASKET, Nozzle
163	807375		GASKET, Air Cleaner
187	791745		LINE, Fuel -(23 Inches )(Cut To Required Length)
187	791766		LINE, Fuel -(15 Inches Long)(Cut to Required Length)
187A	844081		LINE, Fuel -(Formed Hose)
231	690718		SCREW -(Choke Valve)
240	845125		FILTER, Fuel
276	695410		WASHER, Sealing
365	807437		SCREW -(Carburetor/Throttle Body) (M6x85mm)
365A	841853		SCREW -(Carburetor/Throttle Body) (M6x103mm)
385	809876		SCREW -(Fuel Pump) (M5x22mm)
387	844086		PUMP, Fuel
387A	844527		PUMP, Fuel
418	843346		PLATE, Carburetor Cover
601A	791850		CLAMP, Hose -(Green)
601B	691038		CLAMP, Hose -(Black)



## Carburetor, Fuel Supply

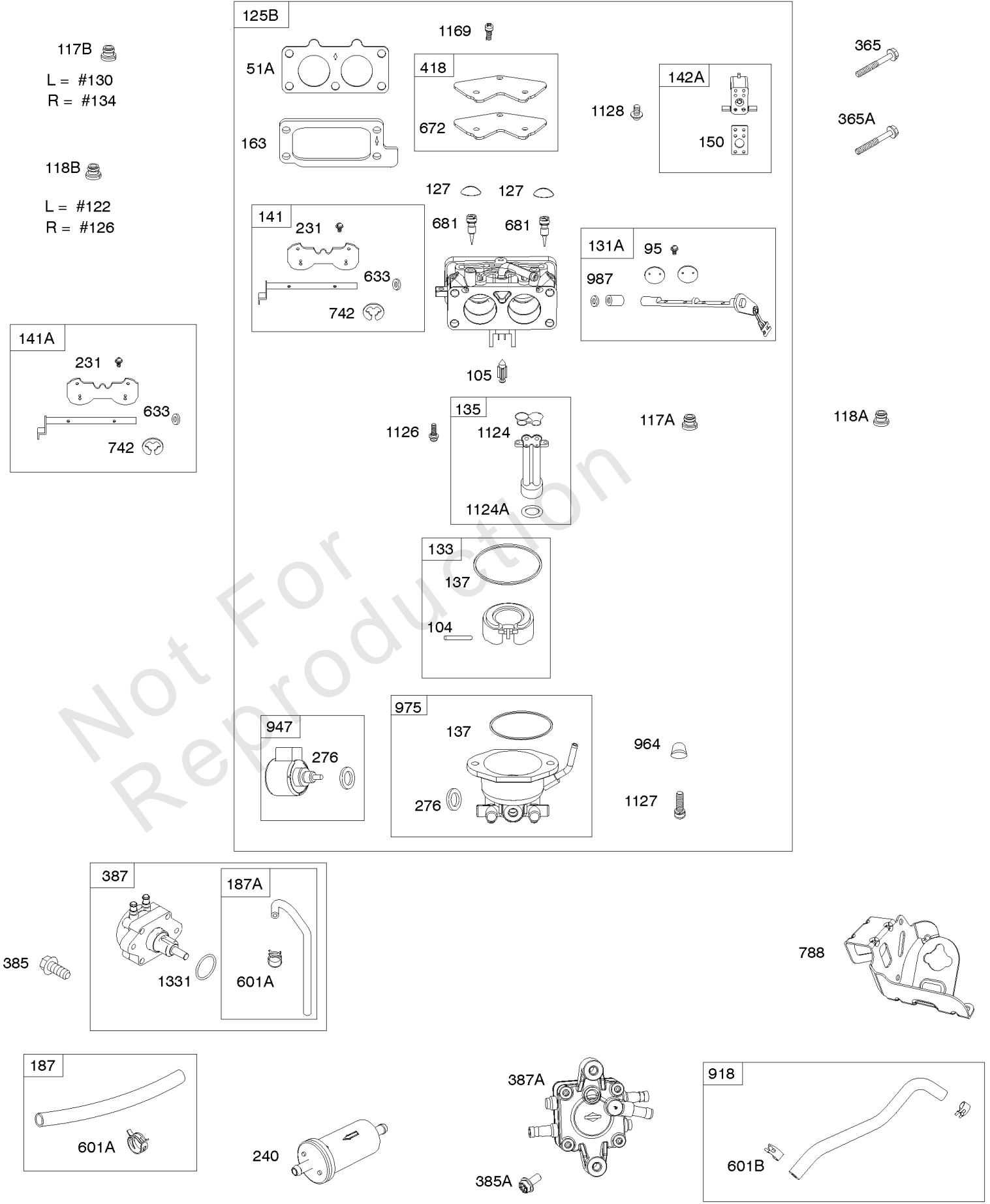
REF NO	PART NO	QTY	DESCRIPTION
633	690722		SEAL, Choke/Throttle Shaft -(Choke Shaft)
672	841655		GASKET, Carburetor Plate
681	845290		KIT, Needle Valve
742	807001		RETAINER, E Ring -(Choke Shaft)
788	844528		BRACKET, Fuel Pump
918	844525		HOSE, Vacuum
947	841546		SOLENOID, Fuel
964	807468		CAP, Carburetor
975	841650		BOWL, Float
987	808183		SEAL, Choke/Throttle Shaft
1124	841647		SEAL, O-Ring -(Fuel Transfer Tube)
1124A	841653		SEAL, O-Ring -(Fuel Transfer Tube)
1126	841619		SCREW -(Fuel Transfer Tube)
1127	841621		SCREW -(Float Bowl to Carburetor Body)
1128	690990		SCREW -(Carburetor Nozzle)
1169	690990		SCREW -(Carburetor Cover Plate)
1331	809894		SEAL, O-Ring -(Fuel Pump)





## Carburetor, Fuel Supply

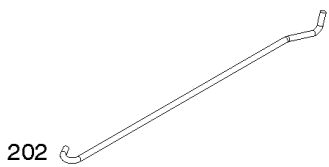
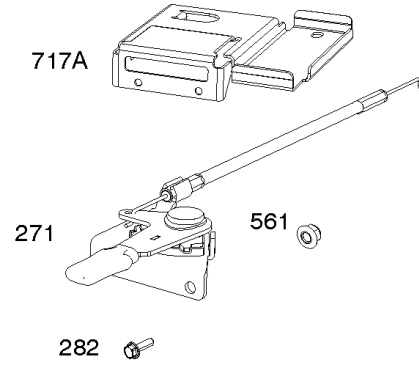
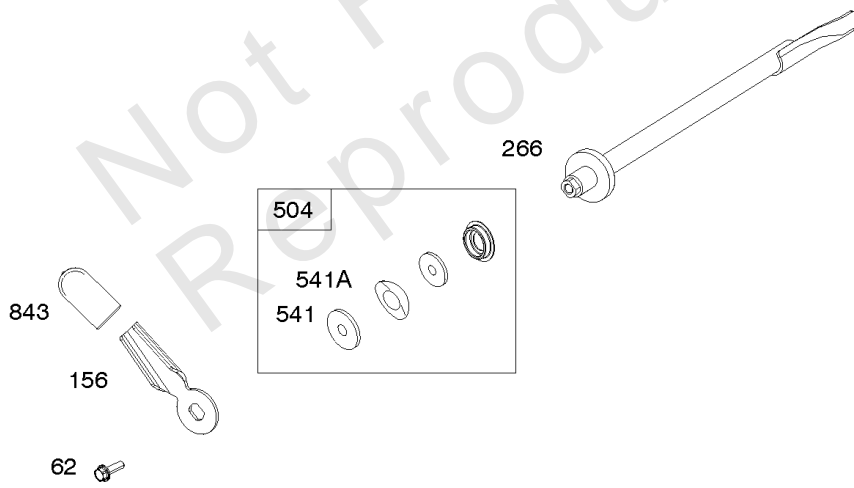
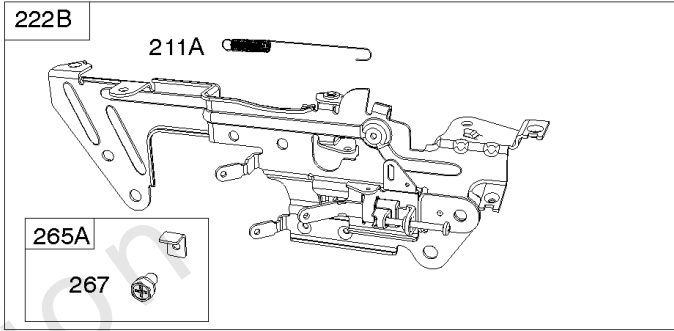
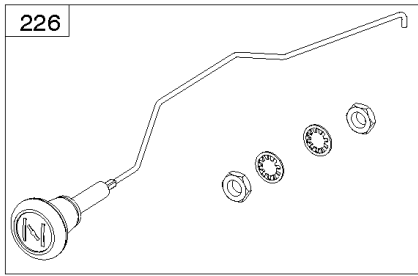
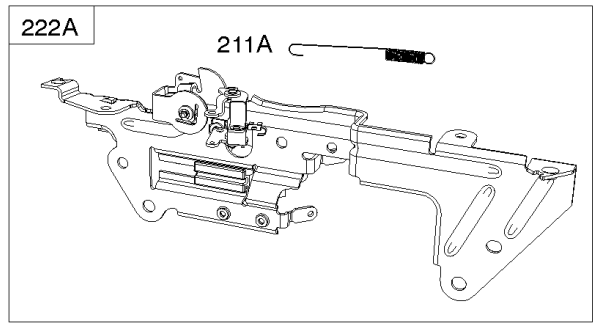
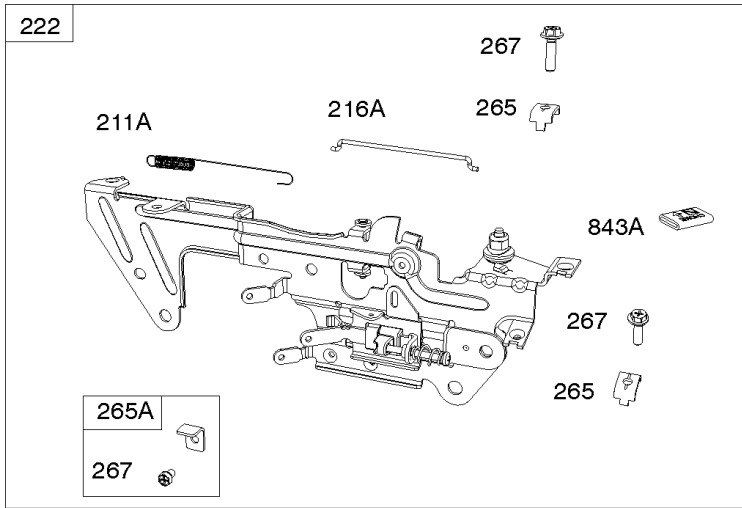
REF NO	PART NO	QTY	DESCRIPTION
51A	809910		GASKET, Intake -(Intake Hole Diameter 30.5mm)
95	690718		SCREW -(Throttle Valve)
104	690882		PIN, Float Hinge
105	698537		VALVE, Float Needle
117A	842634		JET, Main -(Standard) (Right Jet) (#138)
117A	842012		JET, Main -(Standard) (Right Jet) (#134)
117B	842012S		JET, Main -(Standard) (Right Jet) (#134)
117B	842629		JET, Main -(Standard) (Left Jet) (#130)
118A	842630		JET, Main -(High Altitude) (Right Jet) (#132)
118A	842139		JET, Main -(High Altitude) (Left Jet) (#128)
118B	842082		JET, Main -(High Altitude) (Right Jet) (#126)
118B	842627		JET, Main -(High Altitude) (Left Jet) (#122)
127	844590		PLUG, Welch
133	841545		FLOAT, Carburetor
135	841646		TUBE, Fuel Transfer
137	841651		GASKET, Float Bowl
141	844733		KIT, Choke Shaft
141A	841549		KIT, Choke Shaft -Used After Code Date 04033100 -Used Before Code Date 10050100
142A	841648		NOZZLE, Carburetor
150	841649		GASKET, Nozzle
163	807375		GASKET, Air Cleaner
187	791745		LINE, Fuel -(23 Inches )(Cut To Required Length)
187	791766		LINE, Fuel -(15 Inches Long)(Cut to Required Length)
187A	844081		LINE, Fuel -(Formed Hose)
231	690718		SCREW -(Choke Valve)
240	845125		FILTER, Fuel
276	695410		WASHER, Sealing
365	807437		SCREW -(Carburetor/Throttle Body) (M6x85mm)
365A	841853		SCREW -(Carburetor/Throttle Body) (M6x103mm)
385	809876		SCREW -(Fuel Pump) (M5x22mm)
387	844086		PUMP, Fuel
387A	844527		PUMP, Fuel
418	843346		PLATE, Carburetor Cover
601A	791850		CLAMP, Hose -(Green)
601B	691038		CLAMP, Hose -(Black)
633	690722		SEAL, Choke/Throttle Shaft -(Choke Shaft)



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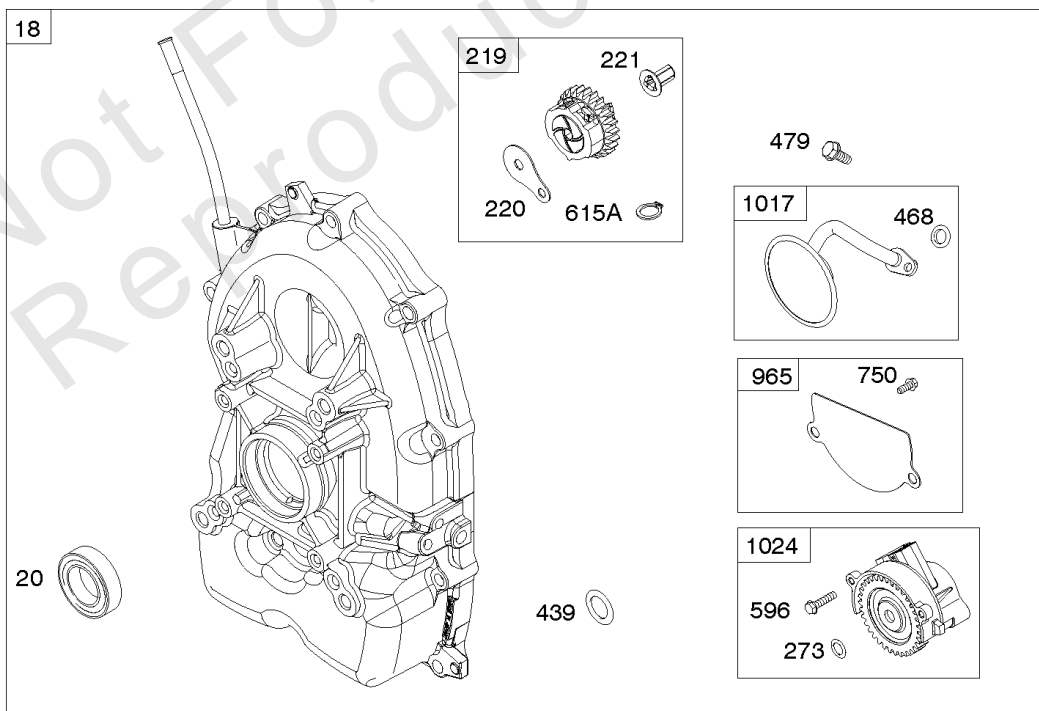
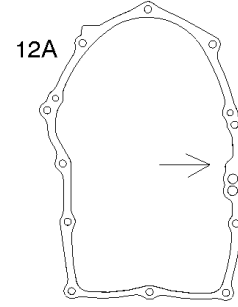
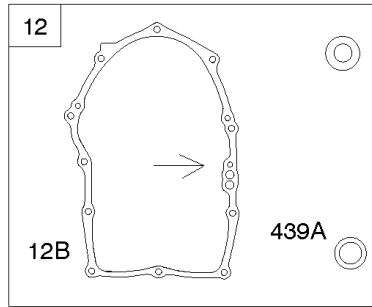
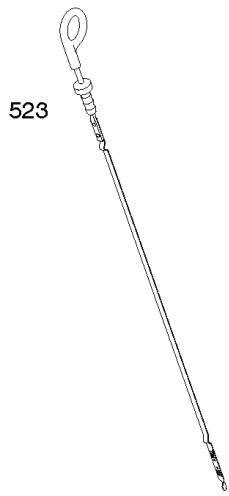
## Carburetor, Fuel Supply

REF NO	PART NO	QTY	DESCRIPTION
672	841655		GASKET, Carburetor Plate
681	845290		KIT, Needle Valve
742	807001		RETAINER, E Ring -(Choke Shaft)
788	844528		BRACKET, Fuel Pump
918	844525		HOSE, Vacuum
947	841546		SOLENOID, Fuel
964	807468		CAP, Carburetor
975	841650		BOWL, Float
987	808183		SEAL, Choke/Throttle Shaft
1124	841647		SEAL, O-Ring -(Fuel Transfer Tube)
1124A	841653		SEAL, O-Ring -(Fuel Transfer Tube)
1126	841619		SCREW -(Fuel Transfer Tube)
1127	841621		SCREW -(Float Bowl to Carburetor Body)
1128	690990		SCREW -(Carburetor Nozzle)
1169	690990		SCREW -(Carburetor Cover Plate)
1331	809894		SEAL, O-Ring -(Fuel Pump)



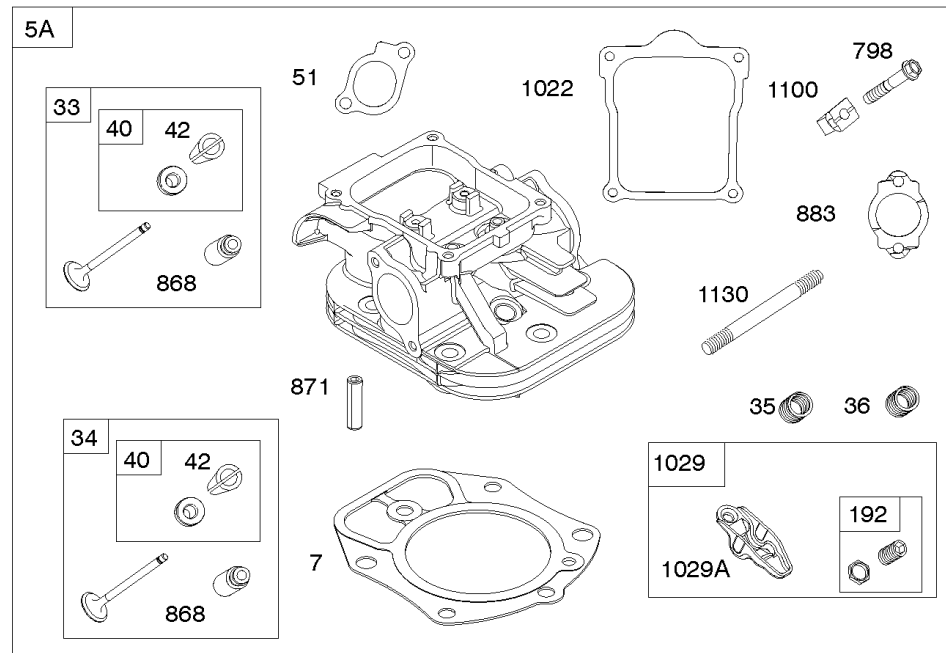
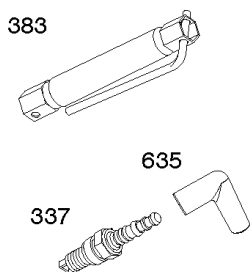
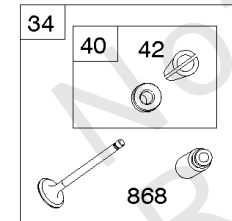
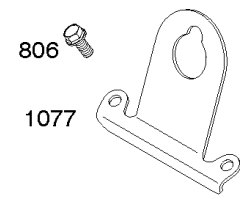
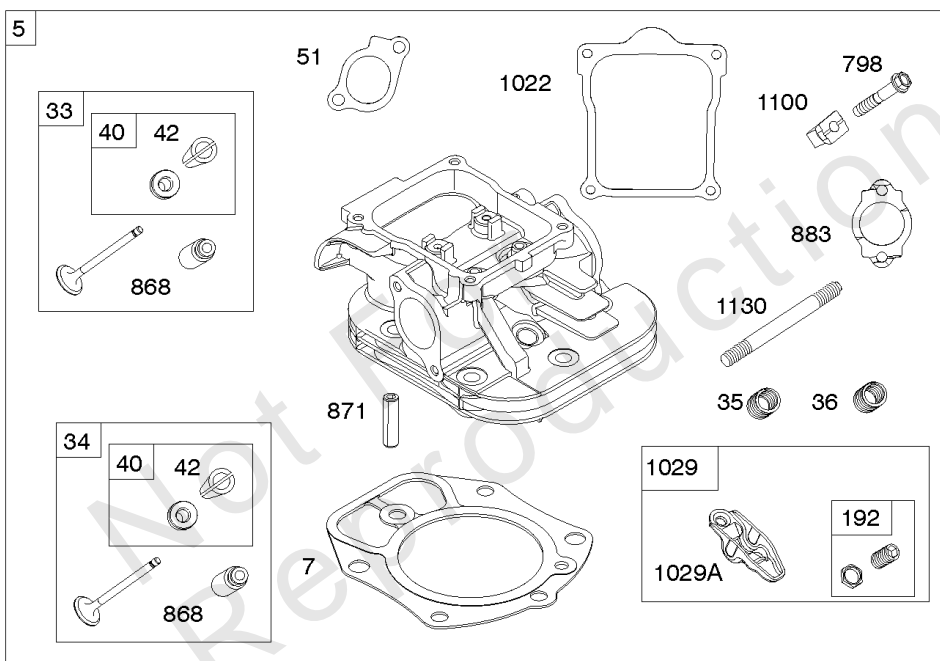
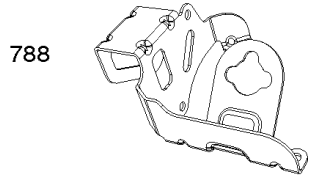
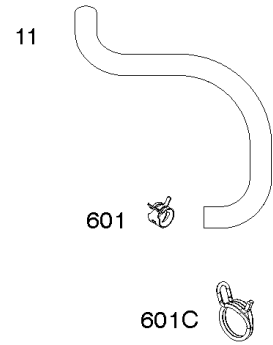
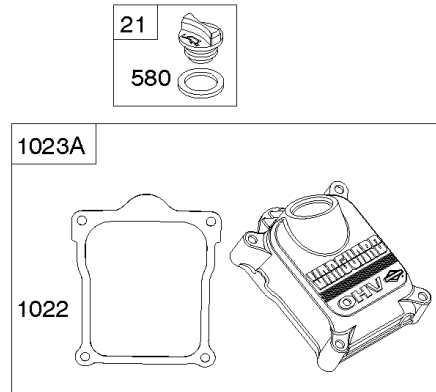
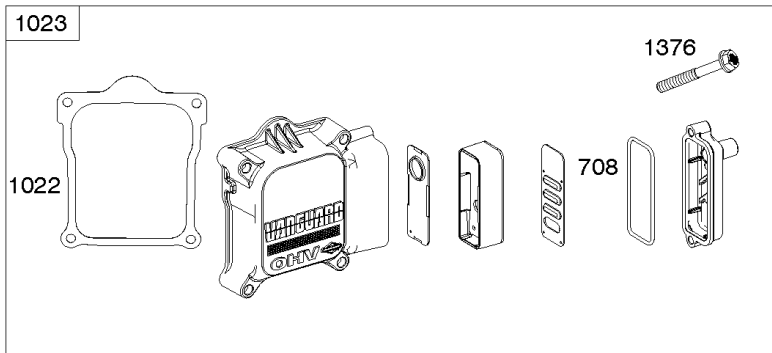
## Control Brackets, Springs, Throttle Levers

REF NO	PART NO	QTY	DESCRIPTION
62	841233		SCREW -(Speed Adjustor Lever)
156	841522		LEVER, Control
188	841233		SCREW -(Control Bracket)
202	841322		LINK, Mechanical Governor
209	841012		SPRING, Governor -(Yellow)
211	809875		SPRING, Governed Idle -(White)
211A	690707		SPRING, Governed Idle -(Control Bracket) (White)
216	809788		LINK, Choke
216A	841671		LINK, Choke
222	841492		BRACKET, Control
226	841613		ROD, Choke
232	690545		SPRING/LINK, Governor
265	691024		CLAMP, Casing
266	841521		CONTROL, Throttle
267	841552		SCREW -(Casing Clamp) (M5x20mm)
271	692541		LEVER, Control
282	841552		SCREW -(Control Lever) (M5x20mm)
504	846156		WASHER -(Throttle Control)
541	841525		WASHER -(Speed Adjustor Lever) (Flat Washer)
541A	841526		WASHER -(Speed Adjustor Lever) (Wave Washer)
561	690713		NUT -(Control Lever)
717A	842730		BRACKET, Air Cleaner
843	842745		SLEEVE, Lever -(Speed Adjustor Lever)
843A	809672		SLEEVE, Lever -(Control Bracket)



## Crankcase Cover

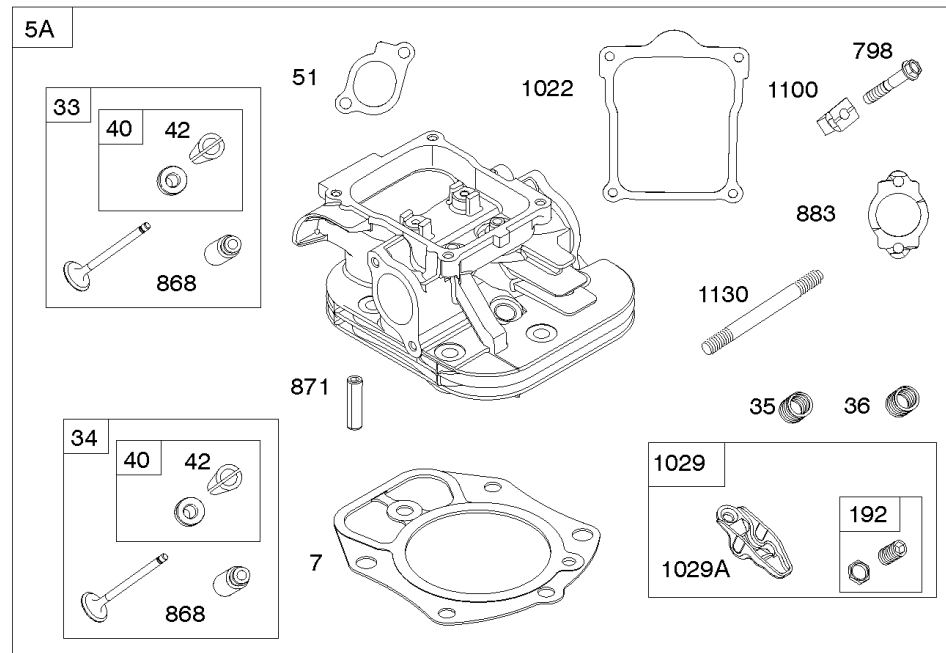
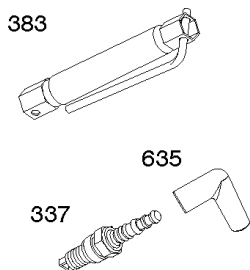
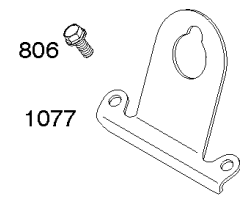
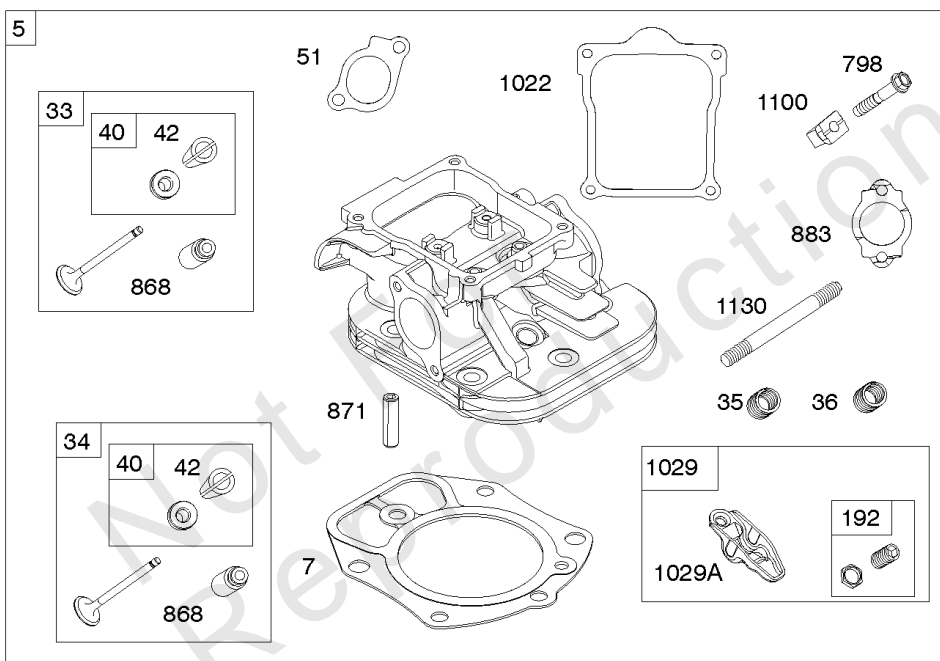
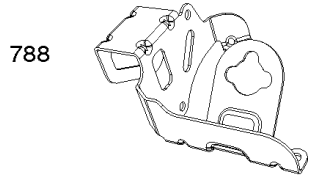
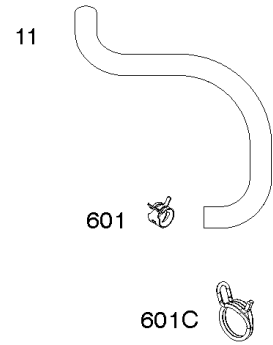
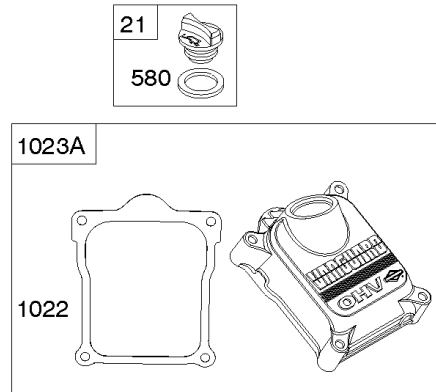
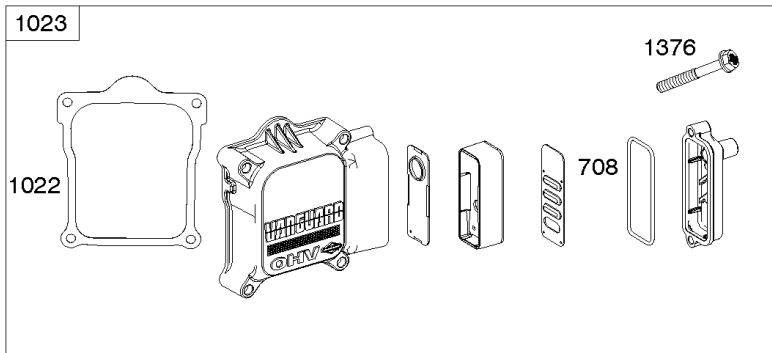
REF NO	PART NO	QTY	DESCRIPTION
12	846037		GASKET, Crankcase -Used After Code Date 13072100
12A	844107		GASKET, Crankcase -Used Before Code Date 13072200
12B	843969		GASKET, Crankcase -Used After Code Date 13072100
18	844792		COVER, Crankcase
20	841596		SEAL, Oil -(PTO Side)
22	807362		SCREW -(Crankcase Cover/Sump) (M8x50mm)
219	809426		GEAR, Governor
220	841608		WASHER -(Governor Gear)
221	841026		CUP, Governor
273	690681		SEAL, O-Ring -(Oil Pump)
439	692154		O-RING, Oil Gallery -(Crankcase Cover/Sump or Cylinder Assembly)
439A	846027		O-RING, Oil Gallery -(Crankcase Cover/Sump or Cylinder Assembly) -Used After Code Date 13072200
468	690690		SEAL, O-Ring -(Oil Pump Screen)
479	807084		SCREW -(Oil Pump Screen)
523	841007		DIPSTICK
596	691492		SCREW -(Oil Pump)
615A	698290		RETAINER, Governor Shaft -(Crankcase Cover/Sump)
750	841233		SCREW -(Oil Pump Cover)
965	809422		COVER, Oil Pump
1017	809421		SCREEN, Oil Pump
1024	845983		PUMP, Oil





## Cylinder Heads, Rocker Covers

REF NO	PART NO	QTY	DESCRIPTION
5	845588		HEAD, Cylinder -(Cylinder 1)
5A	845590		HEAD, Cylinder -(Cylinder 2)
7	809730		GASKET, Cylinder Head
11	809736		TUBE, Breather
13	809784		SCREW -(Cylinder Head)
21	843464		CAP, Oil Fill
33	844787		VALVE, Exhaust
34	843730		VALVE, Intake
35	845589		SPRING, Valve -(Intake) (Intake) (Pink)
35A	809374		SPRING, Valve -(Intake) (Intake) (White)
36	845589		SPRING, Valve -(Exhaust) (Exhaust) (Pink)
36A	809374		SPRING, Valve -(Exhaust) (Exhaust) (White)
40	844788		RETAINER, Valve
42	807683		KEEPER, Valve
45	809785		TAPPET, Valve
51	841592		GASKET, Intake
192	690083		ADJUSTER, Rocker Arm
337	491055S		PLUG, Spark
337	84007216	2	PLUG, SPARK -(China Only)
383	19576S		WRENCH, Spark Plug
580	809894		SEAL, O-Ring -(Oil Fill Cap)
601	844405		CLAMP, Hose -(Breather Tube) -Used After Code Date 07121300
601C	841499		CLAMP, Hose -(Breather Tube) -Used Before Code Date 07121400
635	692076		BOOT, Spark Plug
708	841301		SEAL, O-Ring -(Breather Reed)
788	844528		BRACKET, Fuel Pump
798	691492		SCREW -(Rocker Arm)
806	807357		SCREW -(Lifting Bracket)
868	691963		SEAL, Valve
871	692057		BUSHING, Valve Guide
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



## Cylinder Heads, Rocker Covers

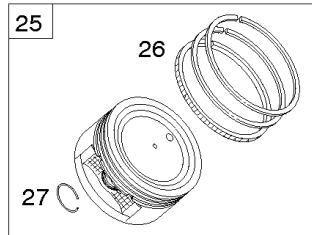
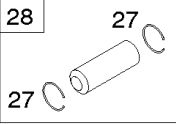
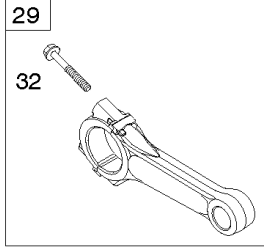
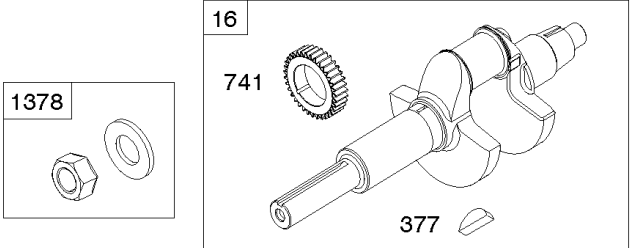
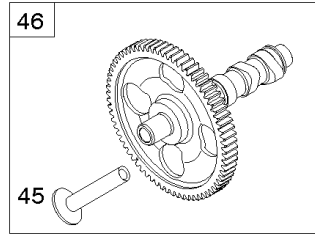
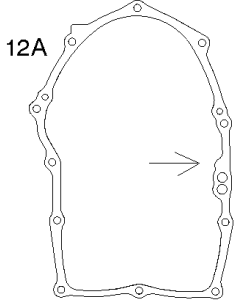
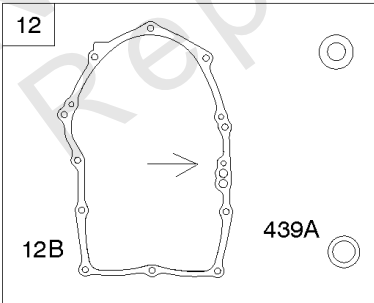
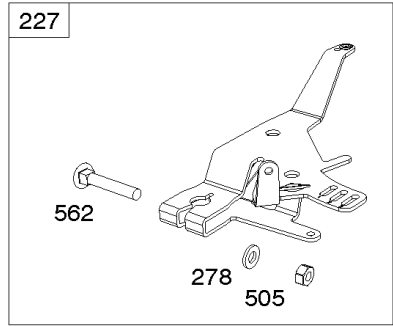
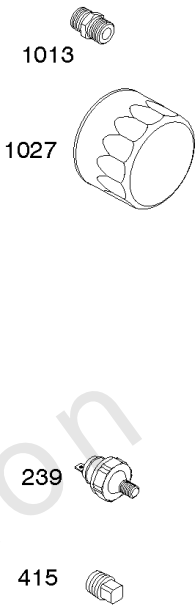
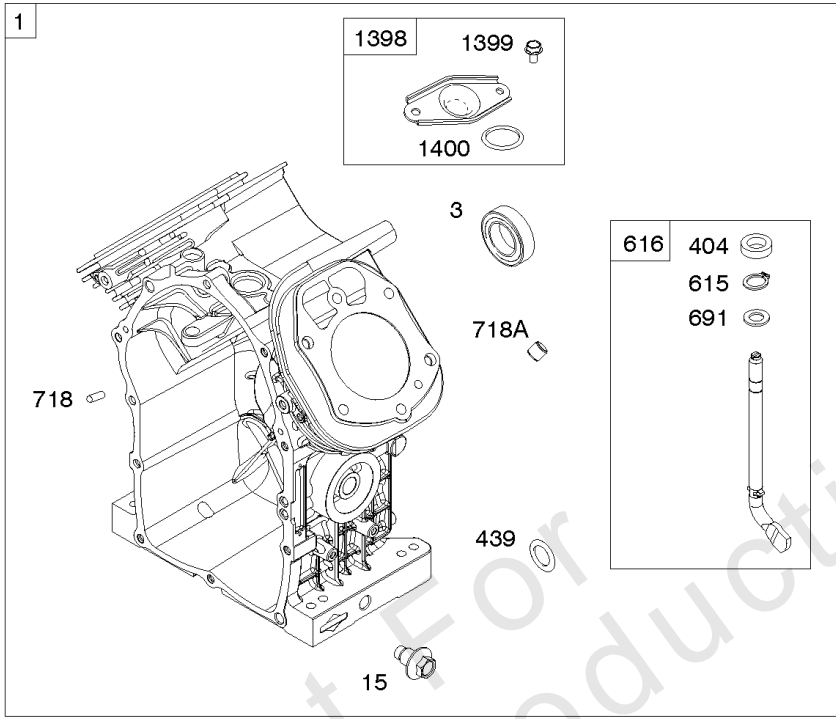
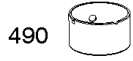
REF NO	PART NO	QTY	DESCRIPTION
1029A	807323		ARM, Rocker
1077	809729		BRACKET, Lifting
1100	791959		PIVOT, Rocker Arm
1130	841590		STUD -(Intake Manifold) -Used After Code Date 04031100 -Used Before Code Date 10093000
1376	806421		SCREW -(Breather Reed Cover) (M5x25mm)

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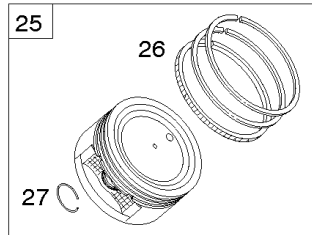
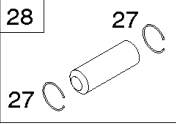
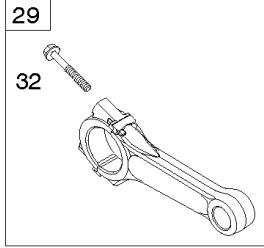
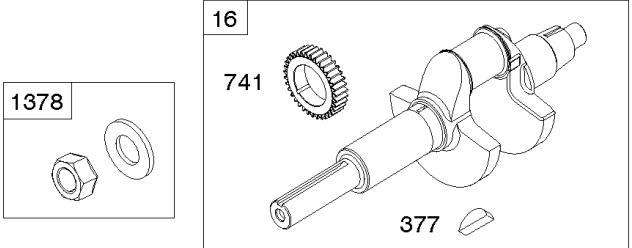
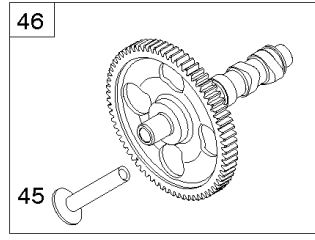
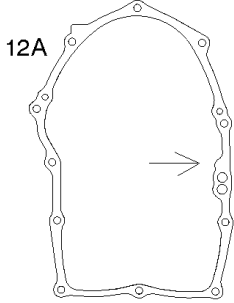
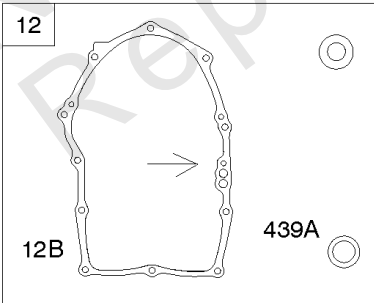
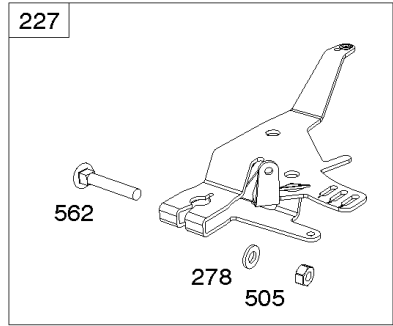
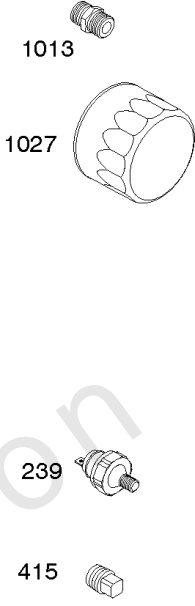
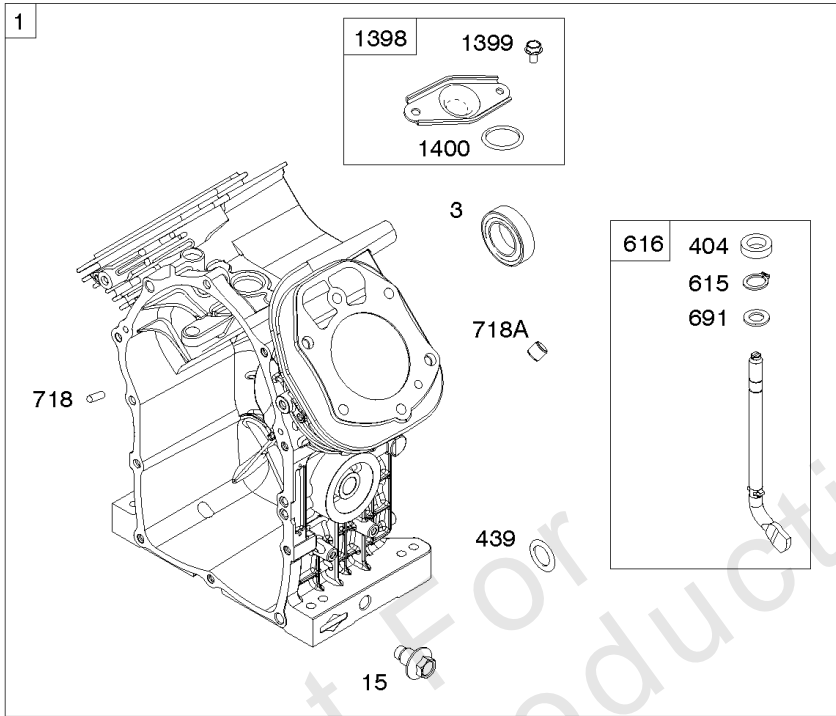
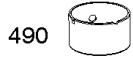
## Cylinder, Crankshaft, Piston/Rings/Connecting Rod

REF NO	PART NO	QTY	DESCRIPTION
1	845756		CYLINDER ASSEMBLY
3	841596		SEAL, Oil -(Magneto Side)
12	846037		GASKET, Crankcase -Used After Code Date 13072100
12A	844107		GASKET, Crankcase -Used Before Code Date 13072200
12B	843969		GASKET, Crankcase -Used After Code Date 13072100
15	807392		PLUG, Oil Drain
16	843290		CRANKSHAFT
24	796335		KEY, Flywheel -(Steel) -Used After Code Date 07122700
24	222698S		KEY, Flywheel -(Aluminum) -Used Before Code Date 07122800
25	809790		PISTON ASSEMBLY -(Standard)
25	841931		PISTON ASSEMBLY -(.020 Oversize)
26	809972		SET, Ring -(Standard)
26	841932		SET, Ring -(.020 Oversize)
27	807351		LOCK, Piston Pin
28	807361		PIN, Piston
29	809275		ROD, Connecting
32	807363		SCREW -(Connecting Rod)
45	809785		TAPPET, Valve
46	841603		CAMSHAFT
227	809984		LEVER, Governor Control
239	841281		SWITCH, Oil Pressure
278	842122		WASHER -(Governor Control Lever)
377	691639		KEY, Woodruff
404	809436		WASHER -(Governor Crank)
415	794903		PLUG
439	692154		O-RING, Oil Gallery -(Crankcase Cover/Sump or Cylinder Assembly)
439A	846027		O-RING, Oil Gallery -(Crankcase Cover/Sump or Cylinder Assembly) -Used After Code Date 13072200
490	843433		BEARING, Magneto Side
505	844752		NUT -(Governor Control Lever)
562	843344		BOLT -(Governor Lever)
615	809533		RETAINER, Governor Shaft -(Governor Shaft)
616	844180		CRANK, Governor
691	809287		SEAL, Governor Shaft
718	690959		PIN, Locating -(Crankcase Cover/Sump)
718A	809508		PIN, Locating -(Cylinder Head)

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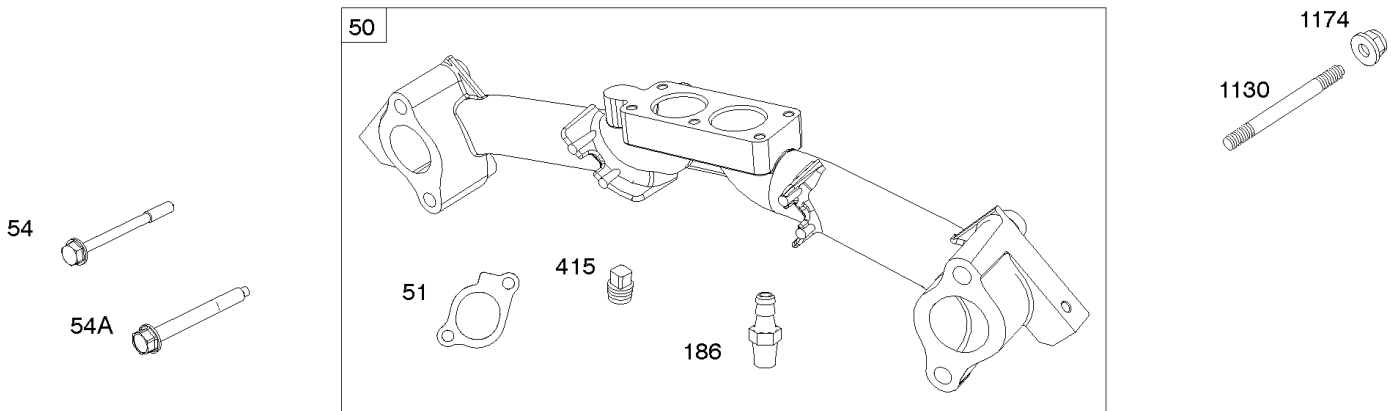
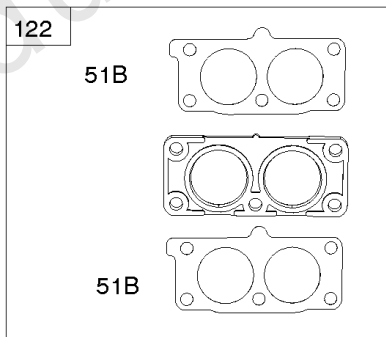
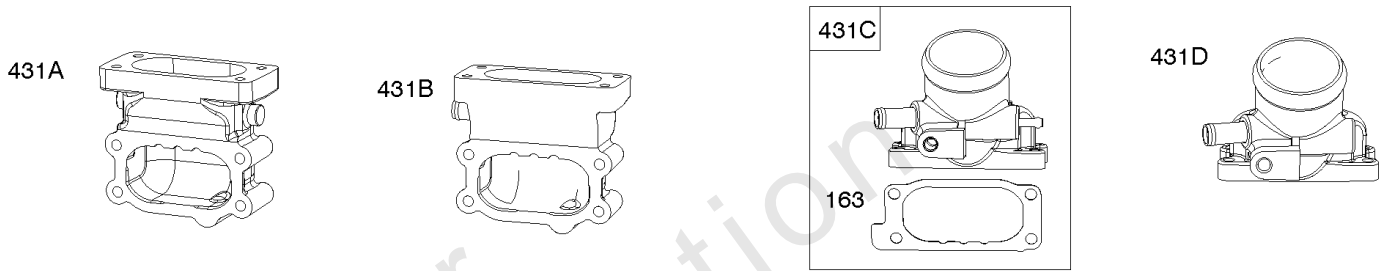
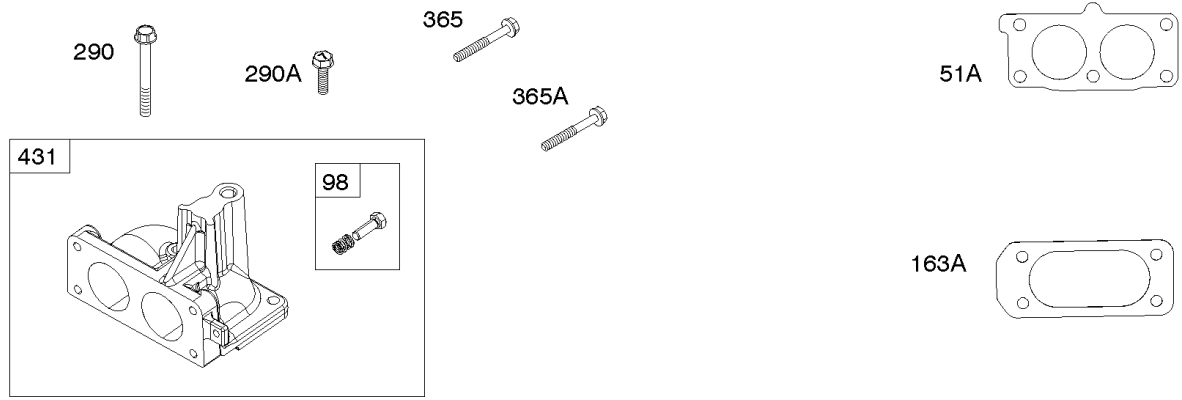
1330



## Cylinder, Crankshaft, Piston/Rings/Connecting Rod

REF NO	PART NO	QTY	DESCRIPTION
741	809432		GEAR, Timing
1013	809505		NIPPLE, Oil Filter
1027	842921		FILTER, Oil
1036	-----		Label-Emissions -(Available From A Briggs & Stratton Authorized Dealer)
1319	794467		LABEL, Warning
1330	272144		MANUAL, Repair
1378	844795		SET, Washer/Nut -(Flywheel)
1398	842191		COVER, Fuel Pump
1399	690932		SCREW -(Fuel Pump Cover)
1400	809894		SEAL, O-Ring -(Fuel Pump Cover)

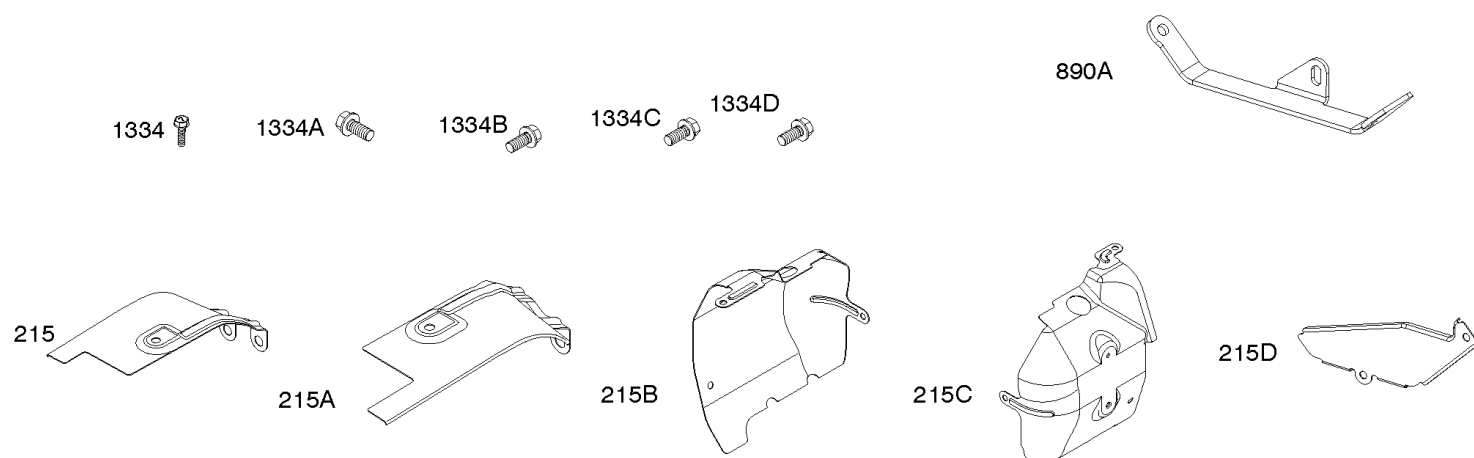
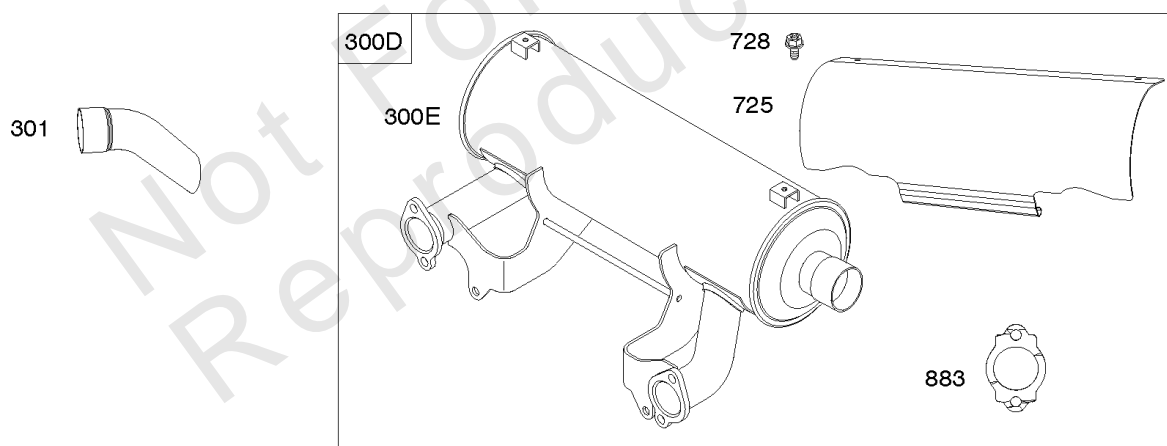
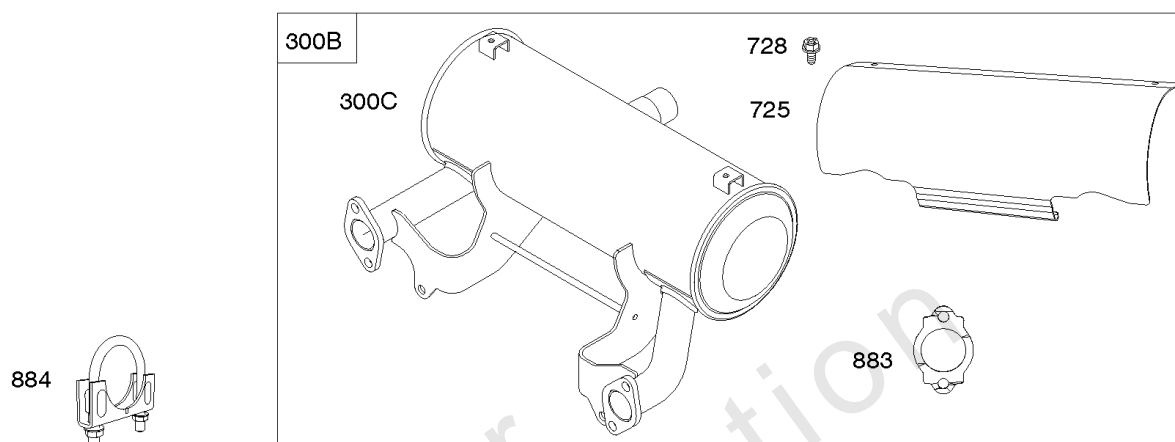
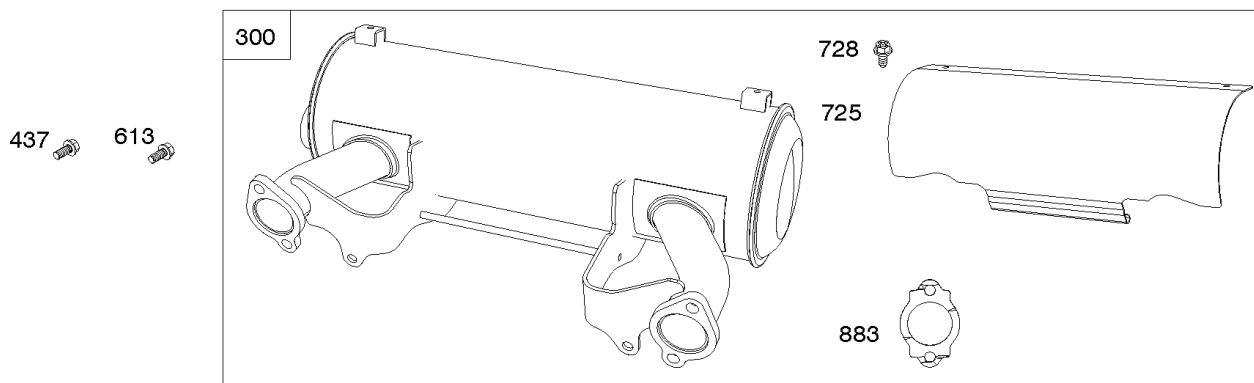
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## Intake Manifolds, Intake Elbows

REF NO	PART NO	QTY	DESCRIPTION
50	844340		MANIFOLD, Intake
51	841592		GASKET, Intake
51A	809910		GASKET, Intake -(Intake Hole Diameter 30.5mm)
51B	841882		GASKET, Intake -(Intake Hole Diameter 32mm)
54	844656		SCREW -(Intake Manifold) (M6x72mm) -Used After Code Date 09093000
54A	691537		SCREW -(Intake Manifold) (M6x70mm) -Used Before Code Date 04031200
98	841842		KIT, Idle Speed -(Intake Elbow)
122	846245		SPACER, Carburetor
163	807375		GASKET, Air Cleaner
186	844568		CONNECTOR, Hose -(Intake Manifold)
290	809911		SCREW -(Intake Elbow) (M6x55mm)
290A	807421		SCREW -(Intake Elbow) (M6x25mm)
365	807437		SCREW -(Carburetor/Throttle Body) (M6x85mm)
365A	841853		SCREW -(Carburetor/Throttle Body) (M6x103mm)
415	794903		PLUG
431C	845920		ELBOW, Intake
1130	841590		STUD -(Intake Manifold) -Used After Code Date 04031100 -Used Before Code Date 10093000
1174	842067		NUT -(Intake Manifold) -Used After Code Date 04031100 -Used Before Code Date 10093000



## Mufflers, Air Guides

REF NO	PART NO	QTY	DESCRIPTION
215	809728		GUIDE, Air -(Cylinder 1)
215A	809737		GUIDE, Air -(Cylinder 2)
215C	809738		GUIDE, Air -(Cylinder #1)
215D	809739		GUIDE, Air -(Valley)
215B	809897		GUIDE, Air -(Cylinder #2)
300D	845741		MUFFLER -(Starter Motor Side Outlet)
300E	846283		MUFFLER -(Starter Motor Side Outlet)
301	841518		PIPE, Exhaust -(Hi Temp Black)
437	809743		SCREW -(Exhaust Manifold) (M8x25mm)
613	692062		SCREW -(Muffler) (M8x18mm)
725	841132		SHIELD, Heat
728	692067		SCREW -(Heat Shield)
883	809872		GASKET, Exhaust
884	843624		CLAMP, Muffler
890A	841614		BRACKET, Support
1334	807435		SCREW -(Air Guide) (M6x20mm)
1334A	841233		SCREW -(Air Guide) (M6x10mm)
1334B	692062		SCREW -(Air Guide) (M8x18mm)
1334C	690677		SCREW -(Air Guide) (M4x12mm)
1334D	807084		SCREW -(Air Guide) (M6x14mm)

## Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	5434773111	1	Replacement Engine
	699428	1	Replacement Short Block
	-----		Top No-Load Speed: 3600 -Trim: ALL
	-----		Service Note: Transfer Stub Shaft and/or Booster Fan Assembly to replacement engine.
	-----		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.
	-----		Service Note: For all Go-Karts use only a Model 136200 series engine as a replacement, regardless of the original Model.

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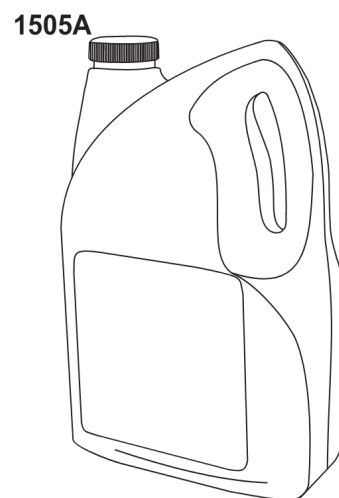
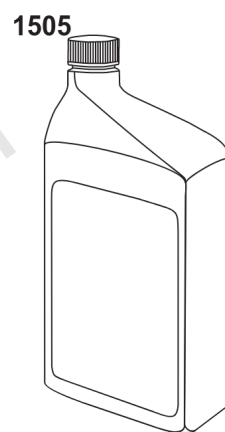
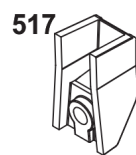
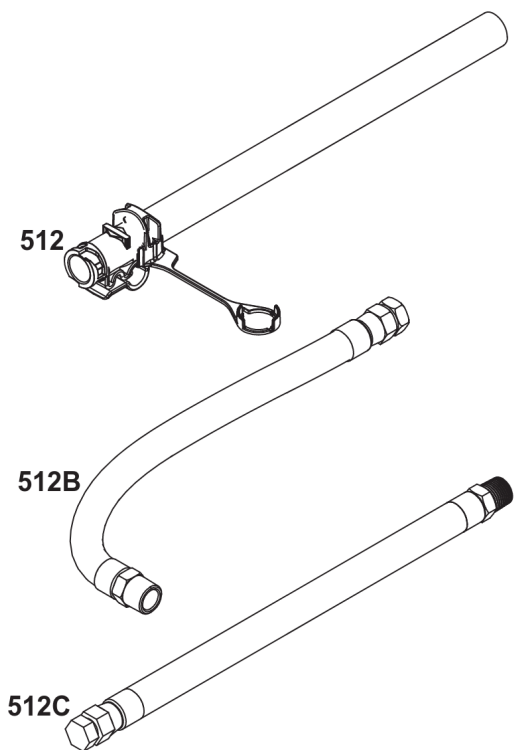
# Model 54-61 Engine Accessories Catalog

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## Maintenance Kits

REF NO	PART NO	QTY	DESCRIPTION
9000	84002318		KIT, Maintenance -(Oil Guard™ Engines)
9000A	84002315		KIT, Maintenance -(Non-Oil Guard™ Engines)
9000B	84004936		KIT, Maintenance -(Non-Oil Guard™ Engines) (20 - 40 HP)
240	845125	1	FILTER, Fuel
337	491055S	2	PLUG, Spark
445	841497	1	FILTER, A/C Cartridge -"Professional / PXi" & "Commercial / CXi".
445A	692519	1	FILTER, A/C Cartridge -"Professional / PXi" & "Commercial / CXi".
967	692520	1	FILTER, Pre Cleaner
1027	595930	1	FILTER, Oil -(Oil Guard™)
1027A	842921	1	FILTER, Oil -(Vanguard®)
1505	100170		OIL-5QT VANGUARD (CASE) -(5 qt Bottle)
1505A	100169		OIL-1QT VANGUARD (CASE) -(1 qt Bottle)

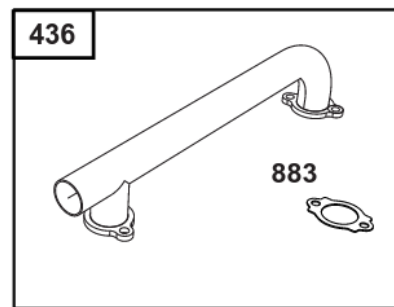
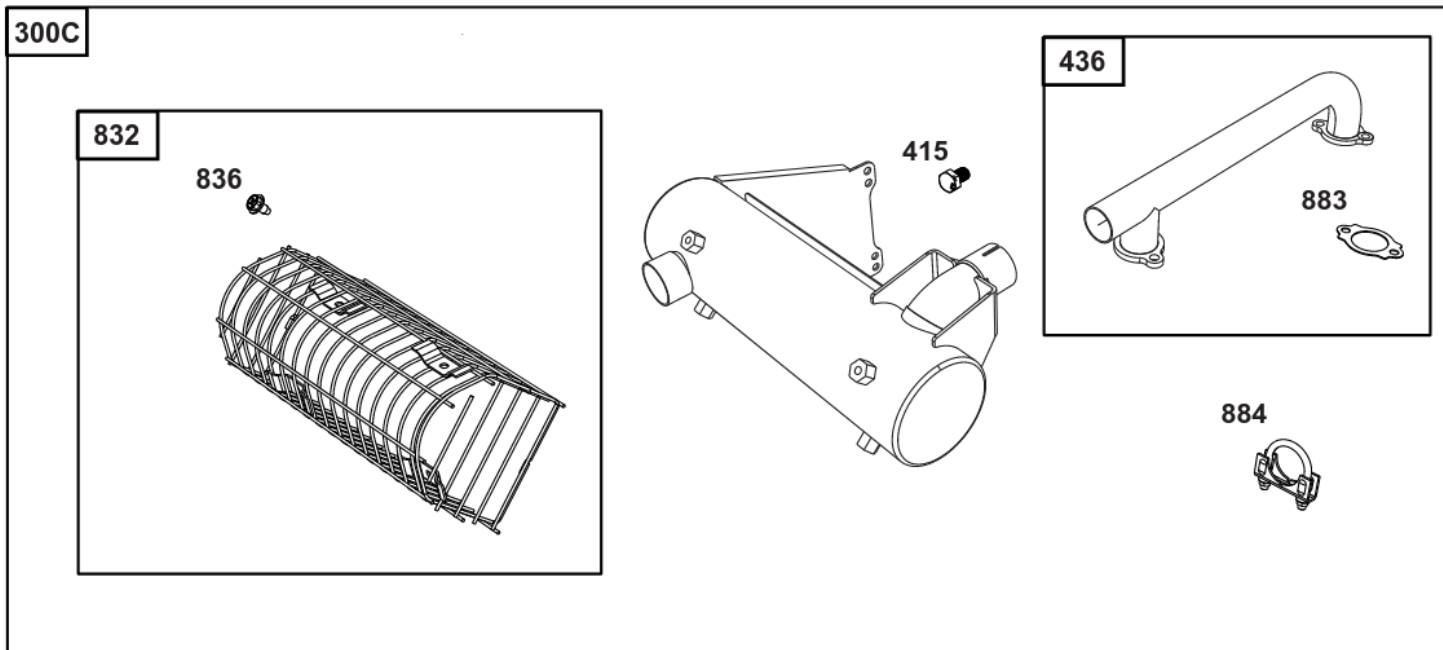
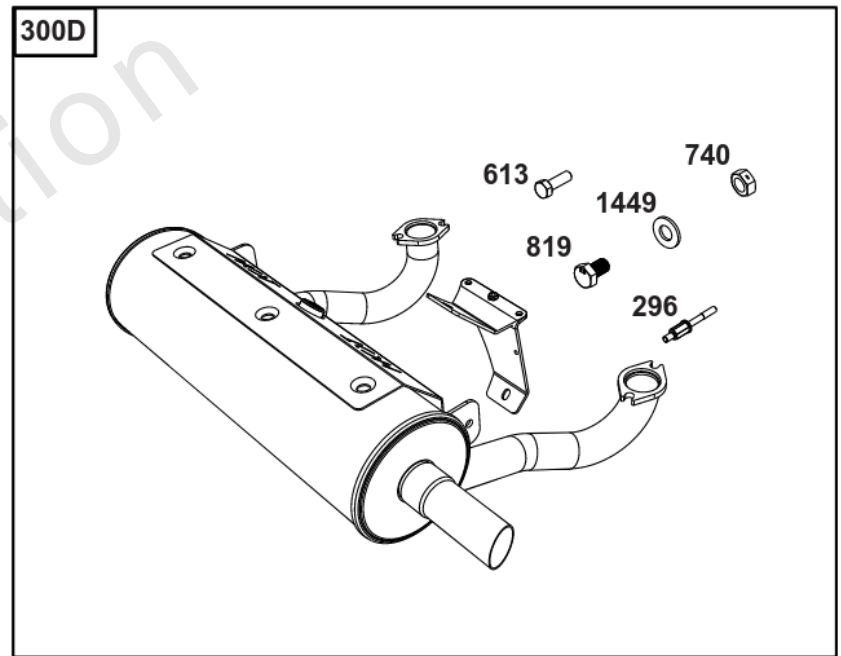
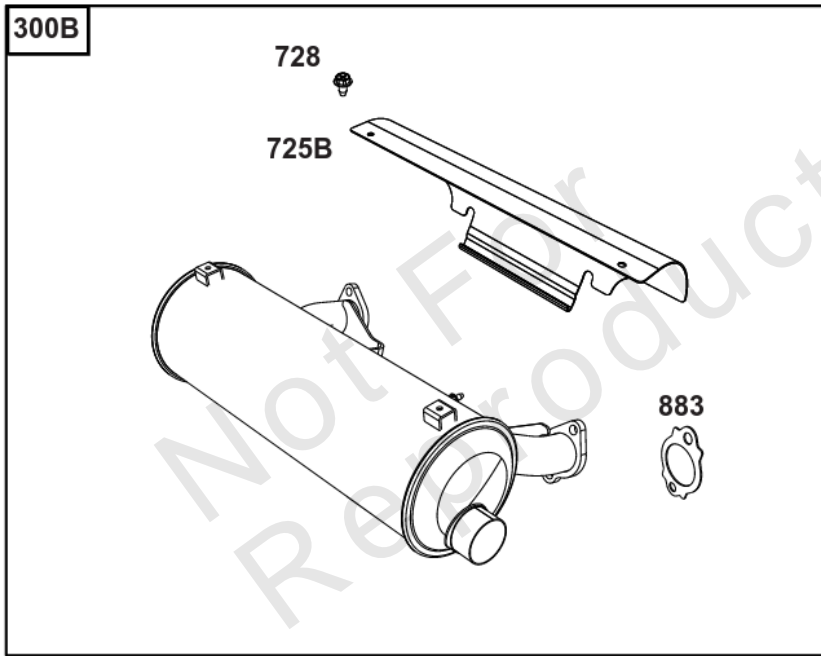
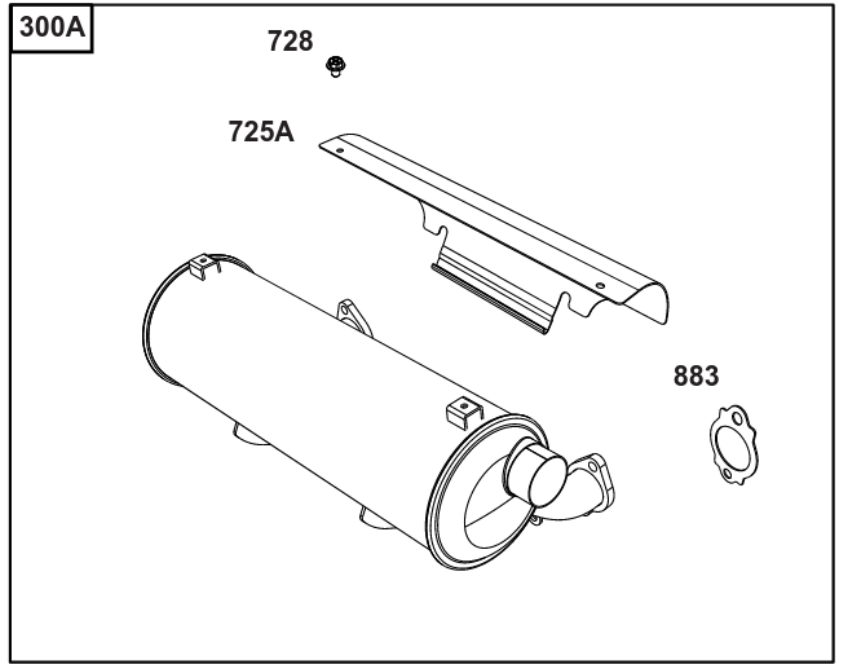
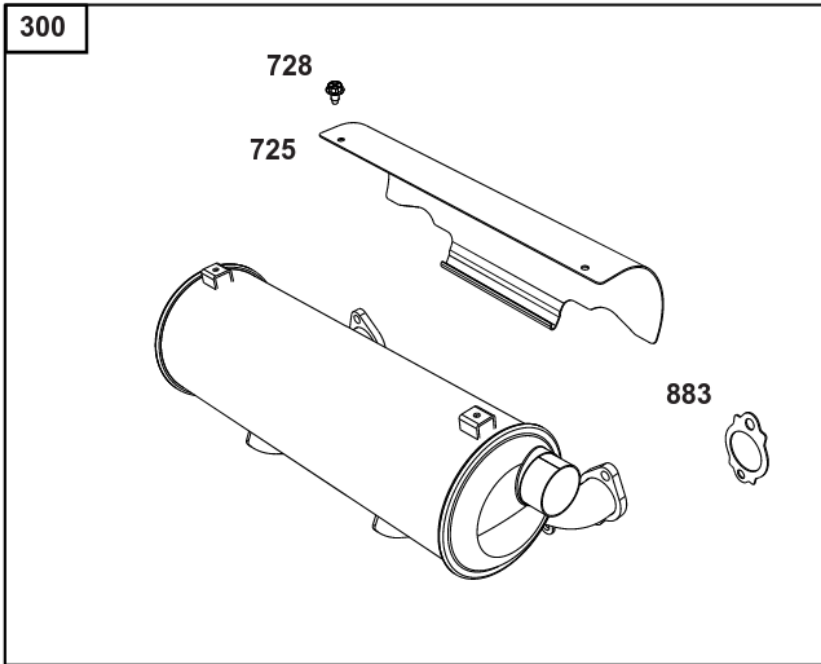


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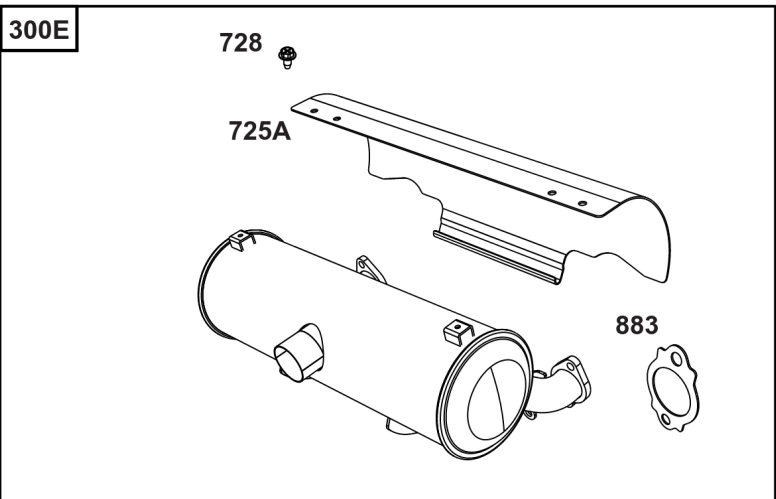
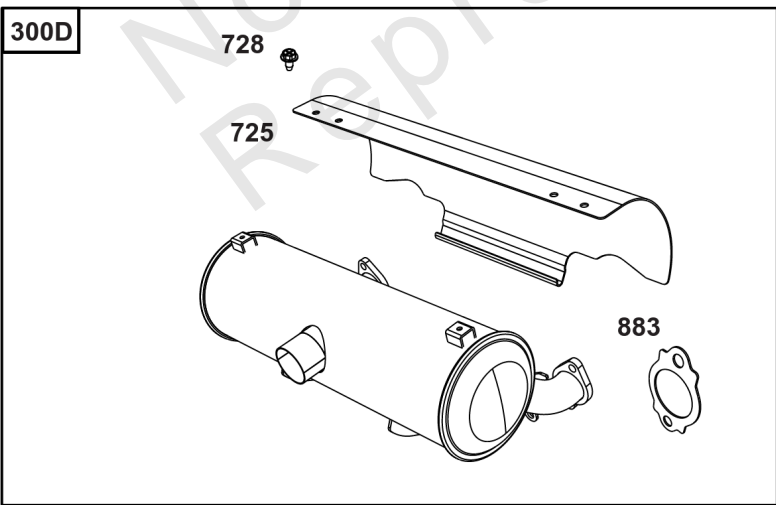
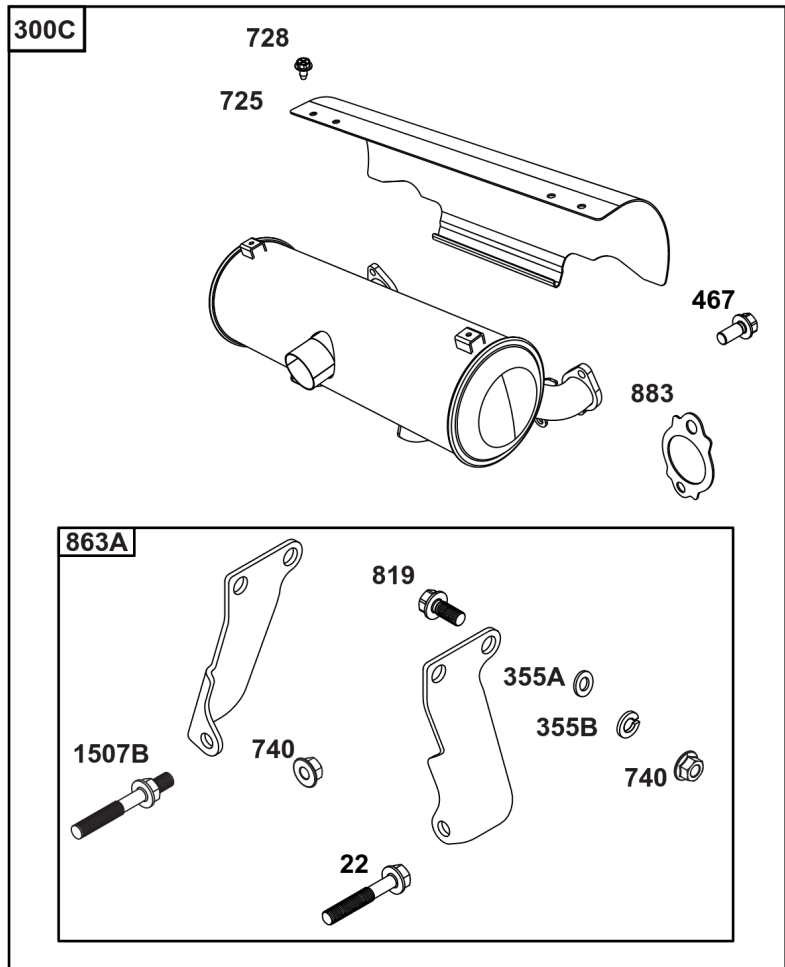
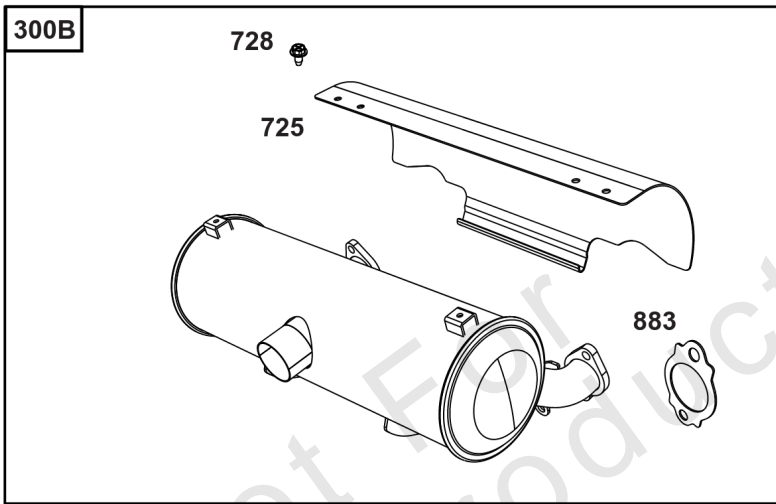
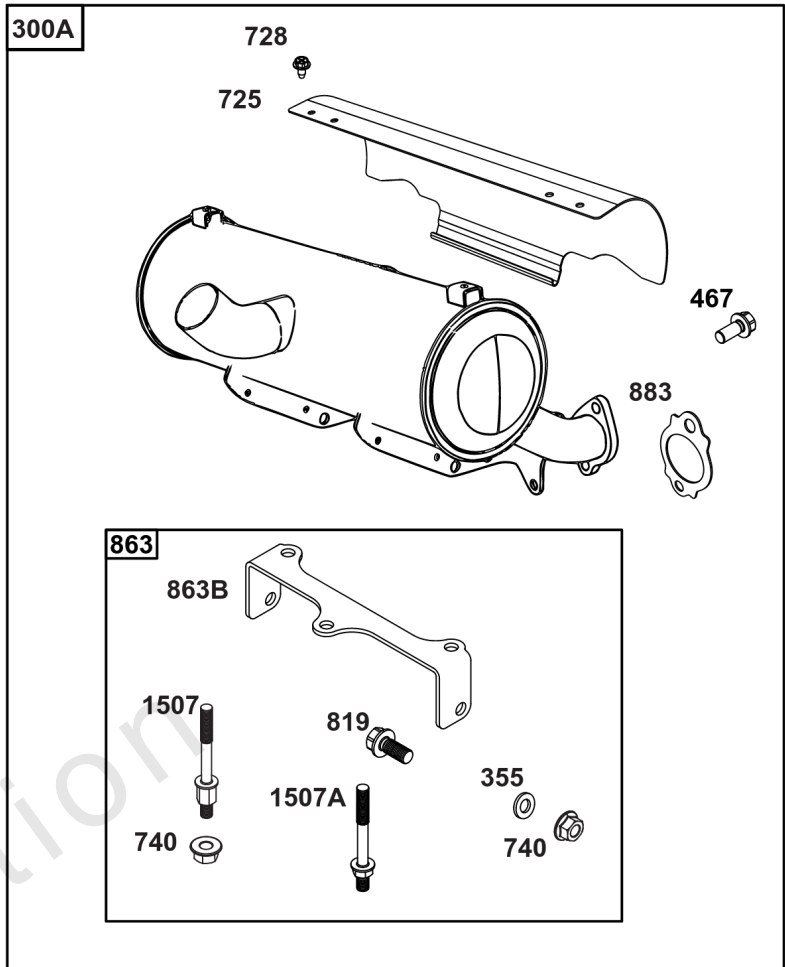
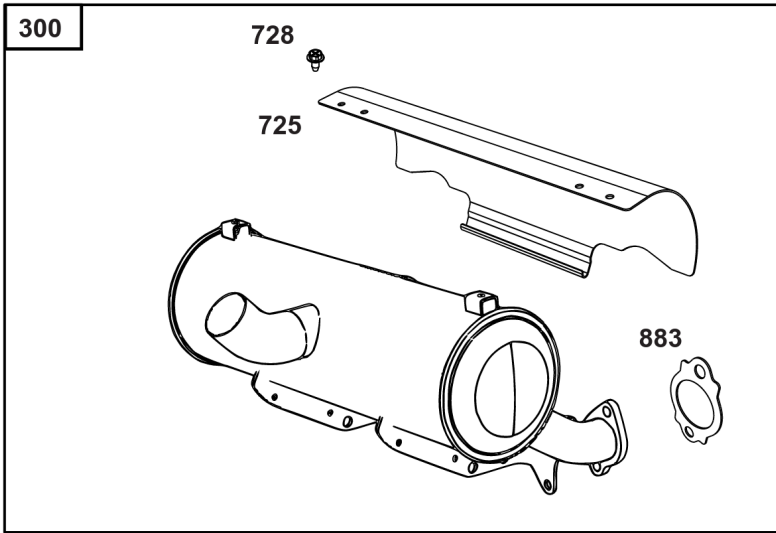
## Lubrication

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)
460	1761386YP	1	CONNECTOR, Filter Adapter -(Oil Drain Valve) (Fitting M14, 90 Degree 9/16 JIC)
460A	5100366SM	1	METRIC ADAPTER, M14-1 -(Threaded engine block adapter M14 to 3/8 for EZ-Oil Drain connector) (order 796532 separate)
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
1346	844802	1	VALVE, Oil Drain Shut Off
1346A	492031	1	VALVE, Oil Drain Shut Off
1505	100169		OIL-1QT VANGUARD (CASE) -(1 qt. Bottle)
1505A	100170		OIL-5QT VANGUARD (CASE) -(5 qt. Bottle)



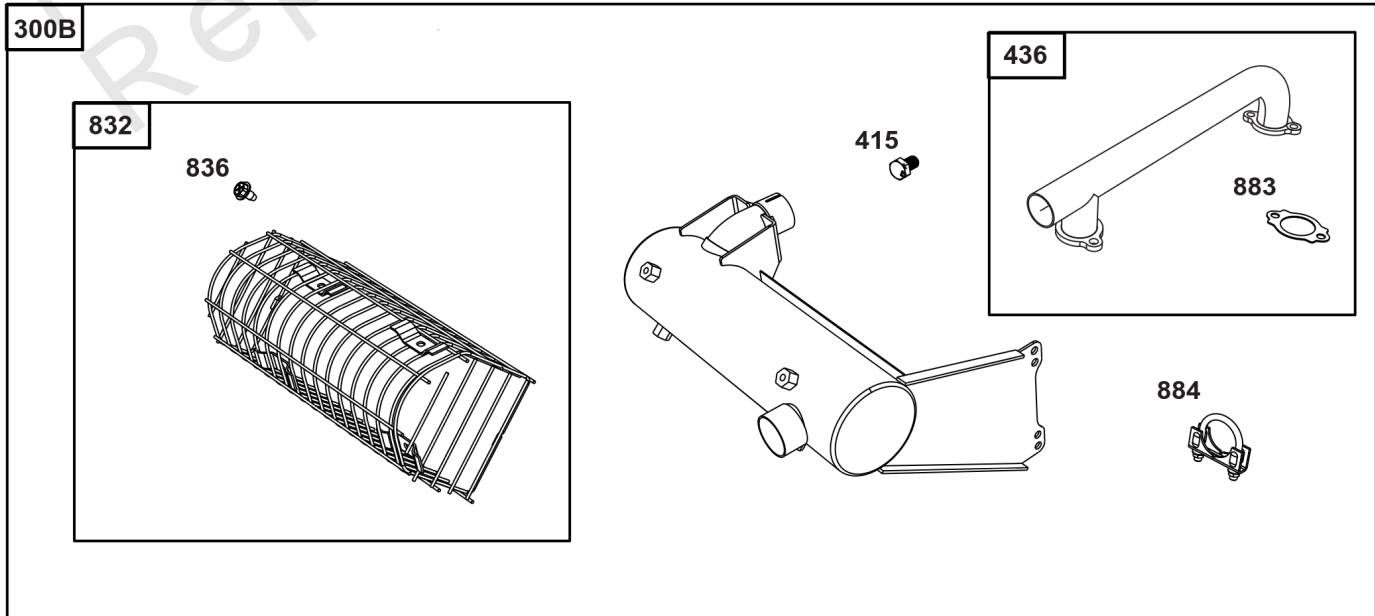
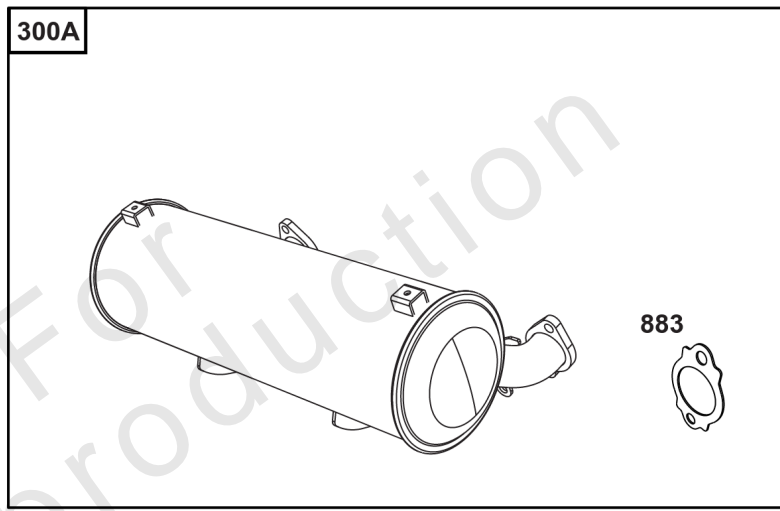
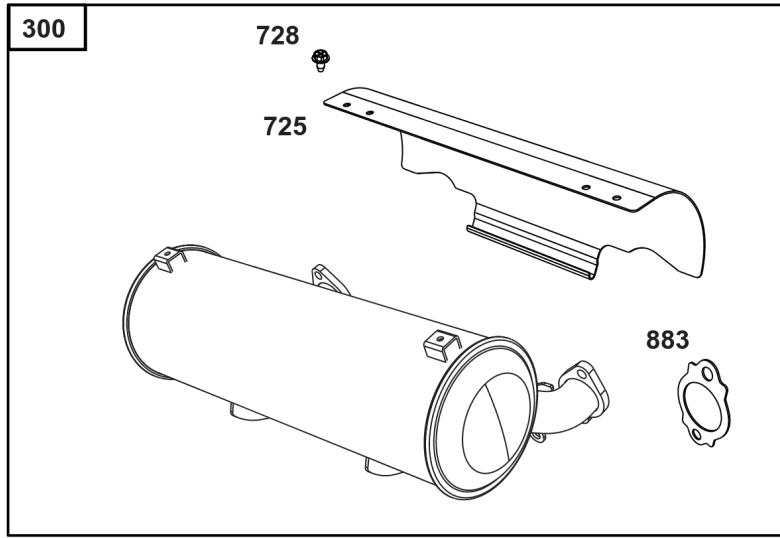
## Oil Filter Side Outlet Mufflers

REF NO	PART NO	QTY	DESCRIPTION
296	844813	4	STUD -(Muffler)
300	846819	1	MUFFLER -(High Mount) (Oil Filter Side Outlet) (EFI)
300A	846246	1	MUFFLER -(Mid Mount) (Oil Filter Side Outlet)
300B	847486	1	MUFFLER -(Mid Mount) (Oil Filter Side Outlet) (EFI)
300C	847278	1	MUFFLER -(Side Mount) (Oil Filter Side Outlet) (EFI)
300D	84007299	1	MUFFLER -(Vertical Shaft)(Oil Filter Side Outlet)
415	596859	1	PLUG
436	841681	1	MANIFOLD, Exhaust
613	596859		PLUG -(Muffler)
725	847229	1	SHIELD, Heat
725A	844338	1	SHIELD, Heat
725B	847487	1	SHIELD, Heat
728	692067	2	SCREW -(Heat Shield)
740	703164	2	NUT -Muffler Bracket
819	5025011X8SM	2	CAPSCREW, Hex Head, 5/16-18 X 1 -(Muffler Bracket)
832	841682	1	GUARD, Muffler
836	841233	4	SCREW -(Muffler Guard)
883	809872	2	GASKET, Exhaust
884	841968	1	CLAMP, Muffler
1449	703350	4	WASHER -(Muffler)



## Center Outlet Mufflers

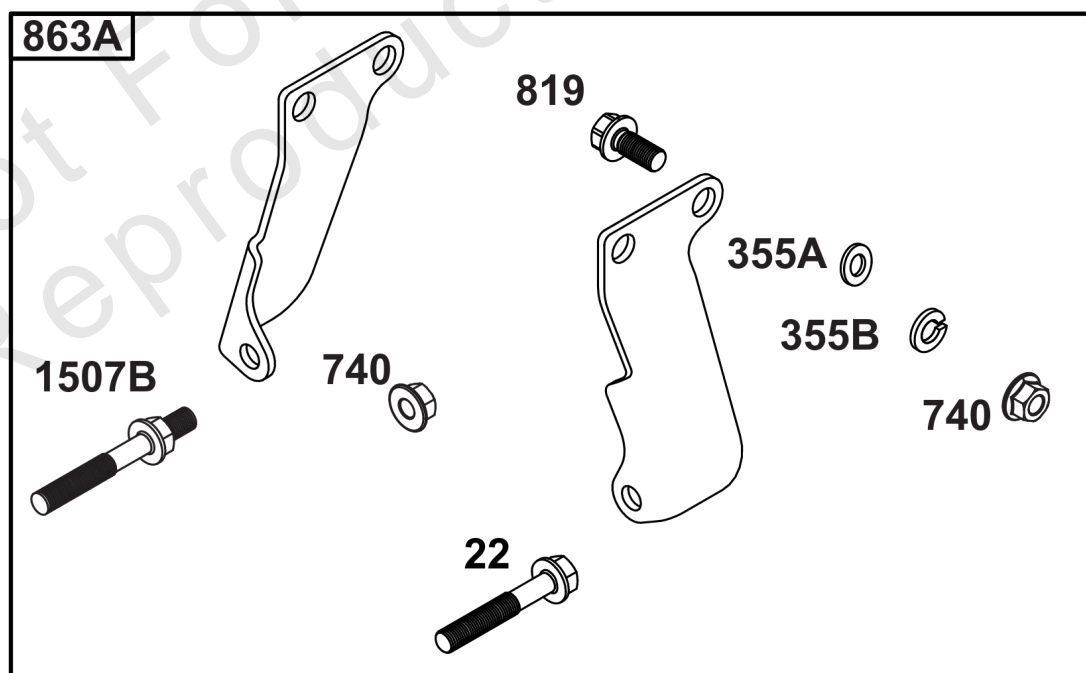
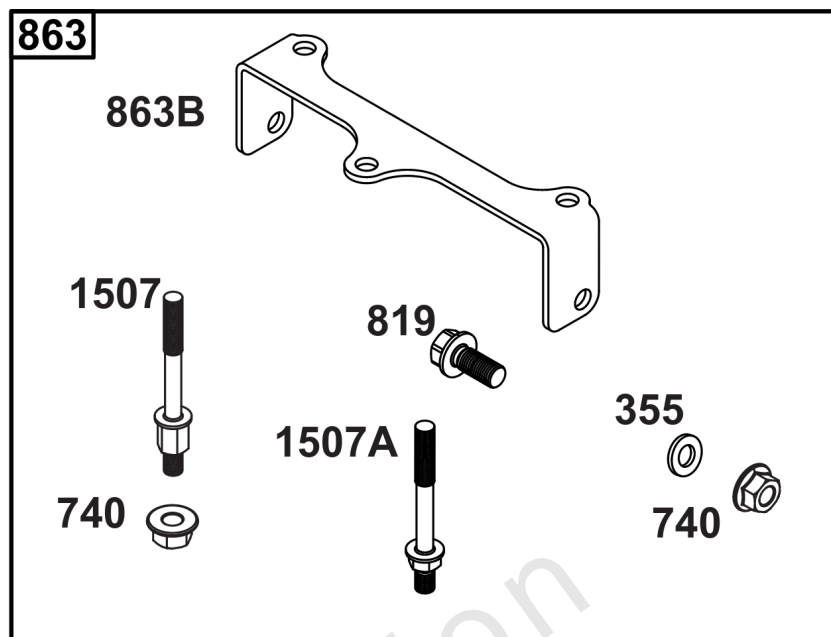
REF NO	PART NO	QTY	DESCRIPTION
22	807362	2	SCREW -(Muffler Bracket)
300	846443	1	MUFFLER -(Vertical Shaft) (Center Outlet) (304 Stainless Steel)
300A	847940	1	MUFFLER -(Vertical Shaft) (Center Outlet) (304 Stainless Steel) (Performance Muffler for 40 HP)
300B	846154	1	MUFFLER -(Horizontal Shaft) (High Mount) (Center Outlet)
300C	847922	1	MUFFLER -(Horizontal Shaft) (High Mount) (Center Outlet) (304 Stainless Steel) (Performance Muffler for 40 HP)
300D	846444	1	MUFFLER -(Horizontal Shaft) (High Mount) (Center Outlet) (304 Stainless Steel)
300E	847478	1	MUFFLER -(Horizontal Shaft) (High Mount) (Center Outlet) (O2 Sensor Port) (EFI)
355	844035	2	WASHER -(Muffler Bracket)
355A	691261	2	WASHER -(Muffler Bracket)
355B	691075	8	WASHER -(Muffler Bracket)
467	846149	4	SCREW -(Exhaust Manifold)
725	841132	1	SHIELD, Heat
725A	847229	1	SHIELD, Heat
728	692067	2	SCREW -(Heat Shield)
740	690941	5	NUT
819	692062	2	SCREW -(Muffler Bracket)
863	848296	1	BRACKET, Muffler
863A	843487	1	BRACKET, Muffler
863B	848296	1	BRACKET, Muffler
883	809872	2	GASKET, Exhaust
1507	848297	1	STUD -(Muffler Bracket)
1507A	848298	2	STUD -(Muffler Bracket)
1507B	846324	2	STUD -(Muffler Bracket)



## Starter Side Outlet Mufflers

REF NO	PART NO	QTY	DESCRIPTION
300	845741	1	MUFFLER -(High Mount) (Starter Side Outlet)
300A	847083	1	MUFFLER -(Starter Side Outlet) (EFI)
300B	847279		MUFFLER -(Side Mount) (Starter Side Outlet) (EFI)
415	596859	1	PLUG
436	842263	1	MANIFOLD, Exhaust
725	841132	1	SHIELD, Heat
728	692067	2	SCREW -(Heat Shield)
832	841682	1	GUARD, Muffler
836	841233	4	SCREW -(Muffler Guard)
883	809872	2	GASKET, Exhaust
884	841968	1	CLAMP, Muffler

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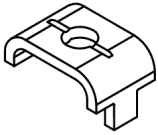




## Muffler Bracket Kits

REF NO	PART NO	QTY	DESCRIPTION
22	807362	2	SCREW -(Muffler Bracket)
355	844035	2	WASHER -(Muffler Bracket)
355A	691261	2	WASHER -(Muffler Bracket)
355B	691075	8	WASHER -(Muffler Bracket)
740	690941	6	NUT -(Muffler Bracket)
819	692062	2	SCREW -(Muffler Bracket)
863	848316	1	BRACKET, Muffler -(Vertical)
863A	843487	1	BRACKET, Muffler -(Horizontal)
863B	848296	1	BRACKET, Muffler -(Vertical)
1507	848297	1	STUD -(Muffler Bracket)
1507A	848298	2	STUD -(Muffler Bracket)
1507B	846324	2	STUD -(Muffler Bracket)

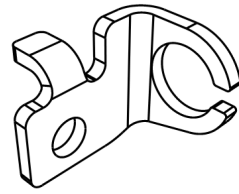
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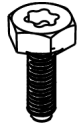
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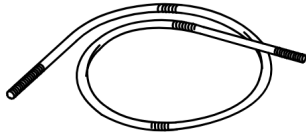
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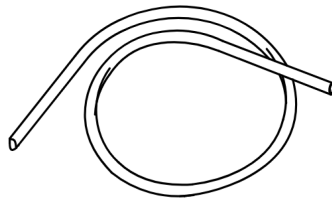
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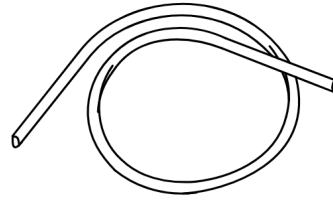
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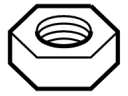
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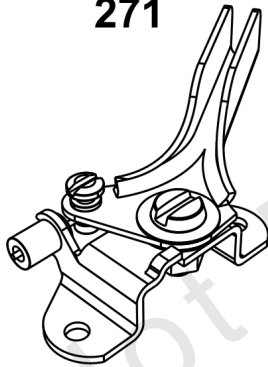
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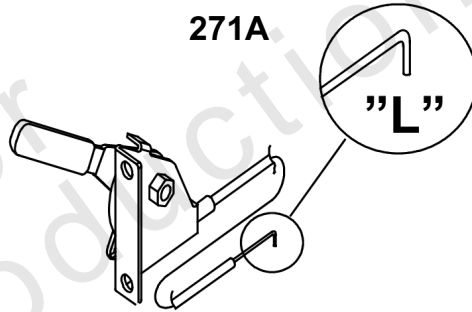
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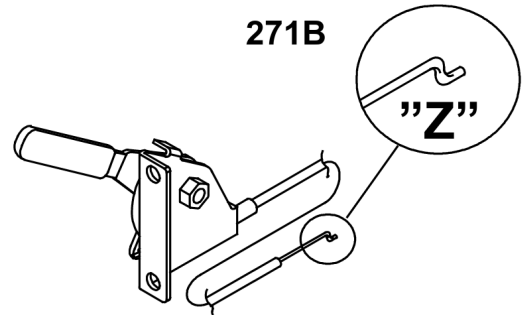
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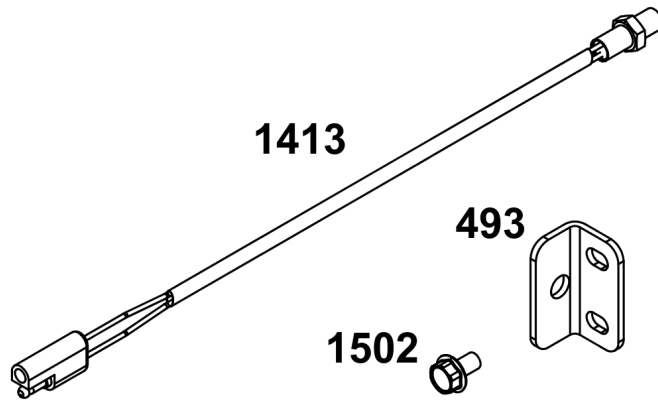
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271B



1413



493



1502



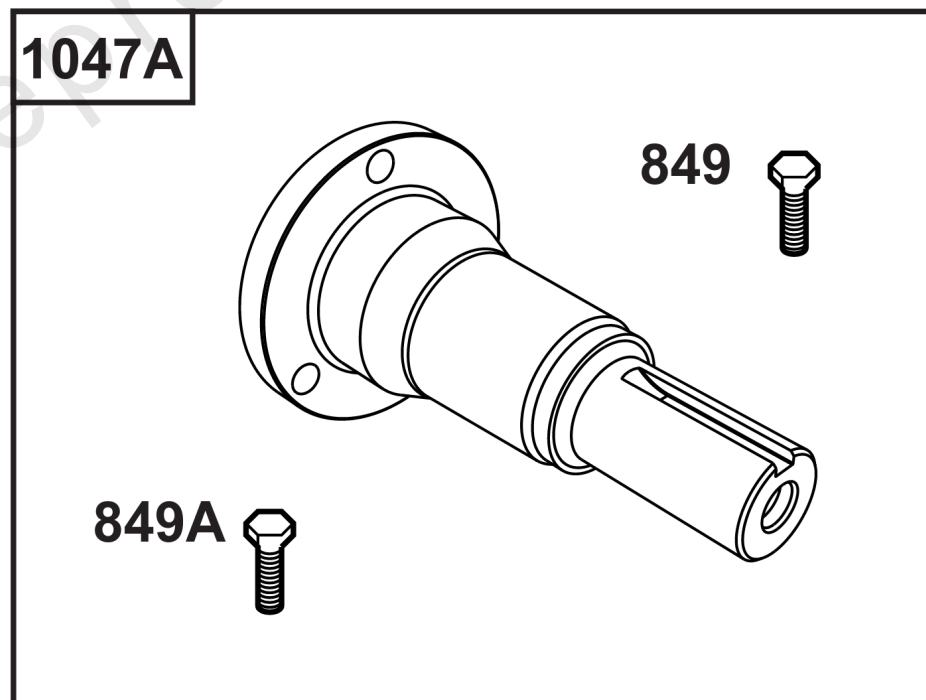
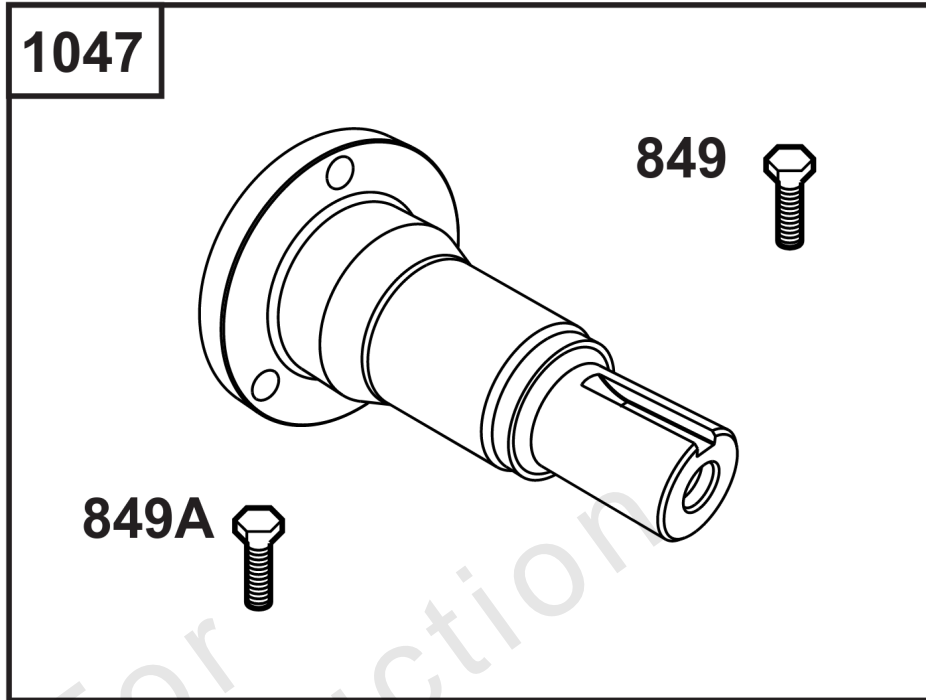
## Speed Control

REF NO	PART NO	QTY	DESCRIPTION
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	691026	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
271A	692105	1	LEVER, Control -(Wire with "L" formed end)
271B	692541	1	LEVER, Control -(Wire with "Z" formed end)
416	595196	1	BRACKET, Throttle Cable -(Casing Clamp for Snap-In Casing)
493	842713	1	BRACKET, Mounting -(Speed Sensor)
1413	844449	1	SENSOR, Speed -(Requires 842713 Bracket and two 841233 screws)
1502	841233	2	SCREW -(Speed Sensor)



## Electrical

REF NO	PART NO	QTY	DESCRIPTION
330	847476	1	SENSOR, Oxygen -(Extended Length O2 Sensor 23.5")
415	1714480SM	1	PLUG -(Plug for Ignition Switch Removal)
789	809967	1	HARNESS, Wiring -(Wire Harness Extension 8 Pin – 22") (Use with standard key switch 692318 or water/dust resistant key switch 847448)
789A	846776	1	HARNESS, Wiring -(Wire Harness Extension 6 Pin – 22") (Use with standard key switch 692318 or water/dust resistant key switch 847448)
789B	847017	1	WIRE ASSEMBLY -(Wire Harness Extension for 847016 Tach 32")
853	80028618	1	ADAPTER, Wire -(Wire Harness Adapter 6 Pin to 8 Pin)
983	5103809YP	1	LIGHT, Indicator -(MIL Light Indicator, LED Red)
1518	847016	1	TACHOMETER -(Tach, Hour Meter with MIL Light for EFI Engines)
1616	19626	1	CODE READER -(Tiny Scan)

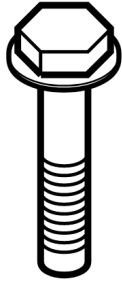


## Stub Shafts

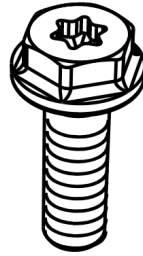
REF NO	PART NO	QTY	DESCRIPTION
849	596370	3	SCREW -(Stub Shaft)
849A	846235	3	SCREW -(Stub Shaft)
1047	841304	1	SHAFT, Stub -(Flywheel Mounted) (1-1/8" diameter, 148 mm length)
1047A	843342	1	SHAFT, Stub -(Flywheel Mounted) (1-1/8" diameter, 176 mm length)

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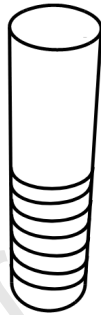
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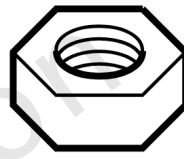
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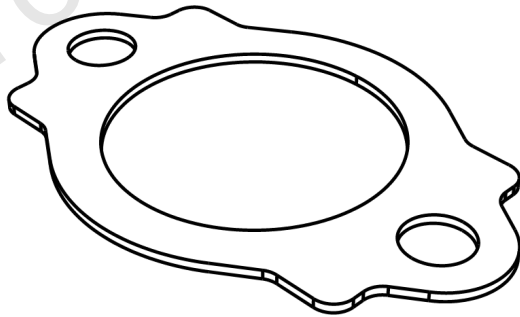
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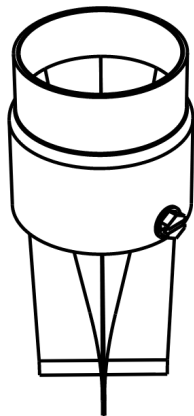
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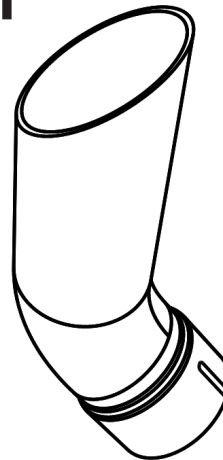
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994



301

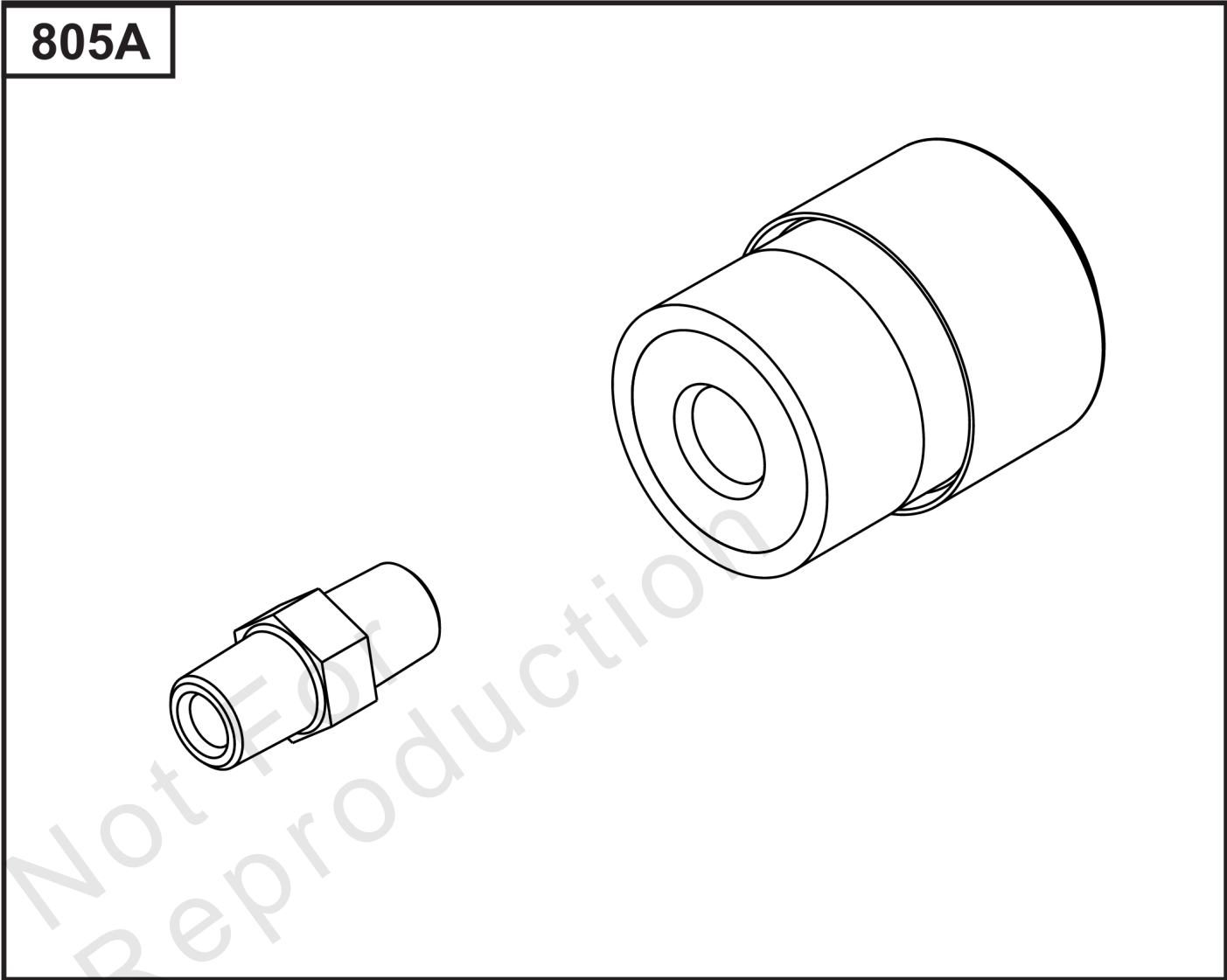




## Spark Arrester/Deflector

REF NO	PART NO	QTY	DESCRIPTION
151	841185	4	STUD -(4 per engine)
301	841518	1	PIPE, Exhaust -(For 44.7 O.D. muffler outlet pipe) (Requires clamp 843624)
437	809743	4	SCREW -(M8 x 25 for Mounting Mufflers) (4 per engine)
613	692062	4	SCREW -(M8 x 18 for Mounting Mufflers) (4 per engine)
883	809872	2	GASKET, Exhaust -(2 per engine)
994	843204	1	ARRESTOR, Spark -(1.75") (44.7 mm) (O.D. Outlet Tube)
1177	842067	4	NUT -(Required if using 841185 stud)

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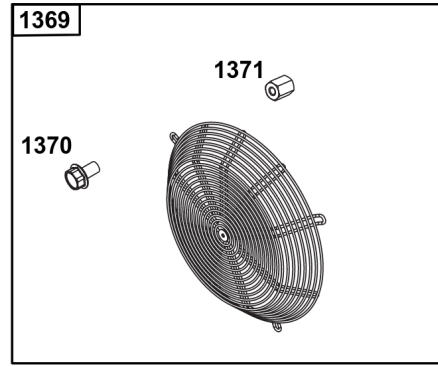
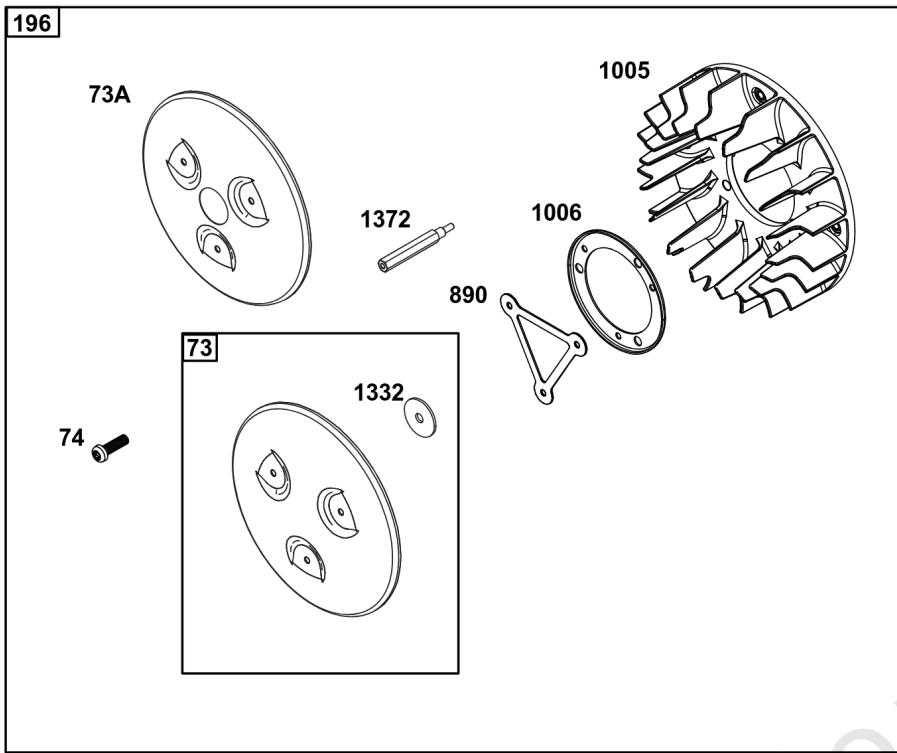
***Air Intake***

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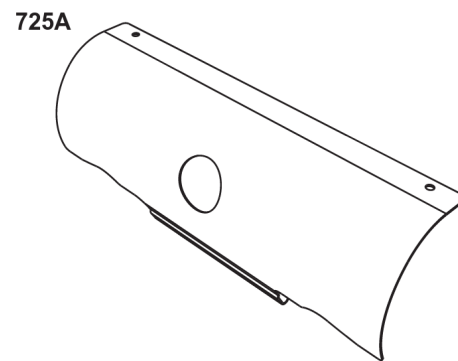
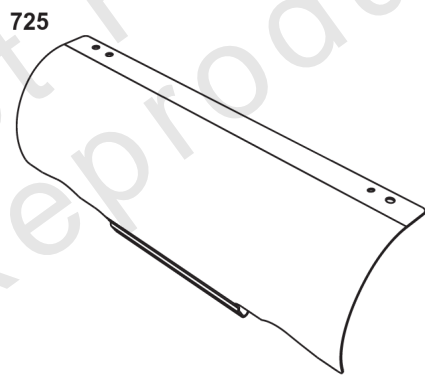
REF NO	PART NO	QTY	DESCRIPTION
805A	843024	1	MINDER, Filter

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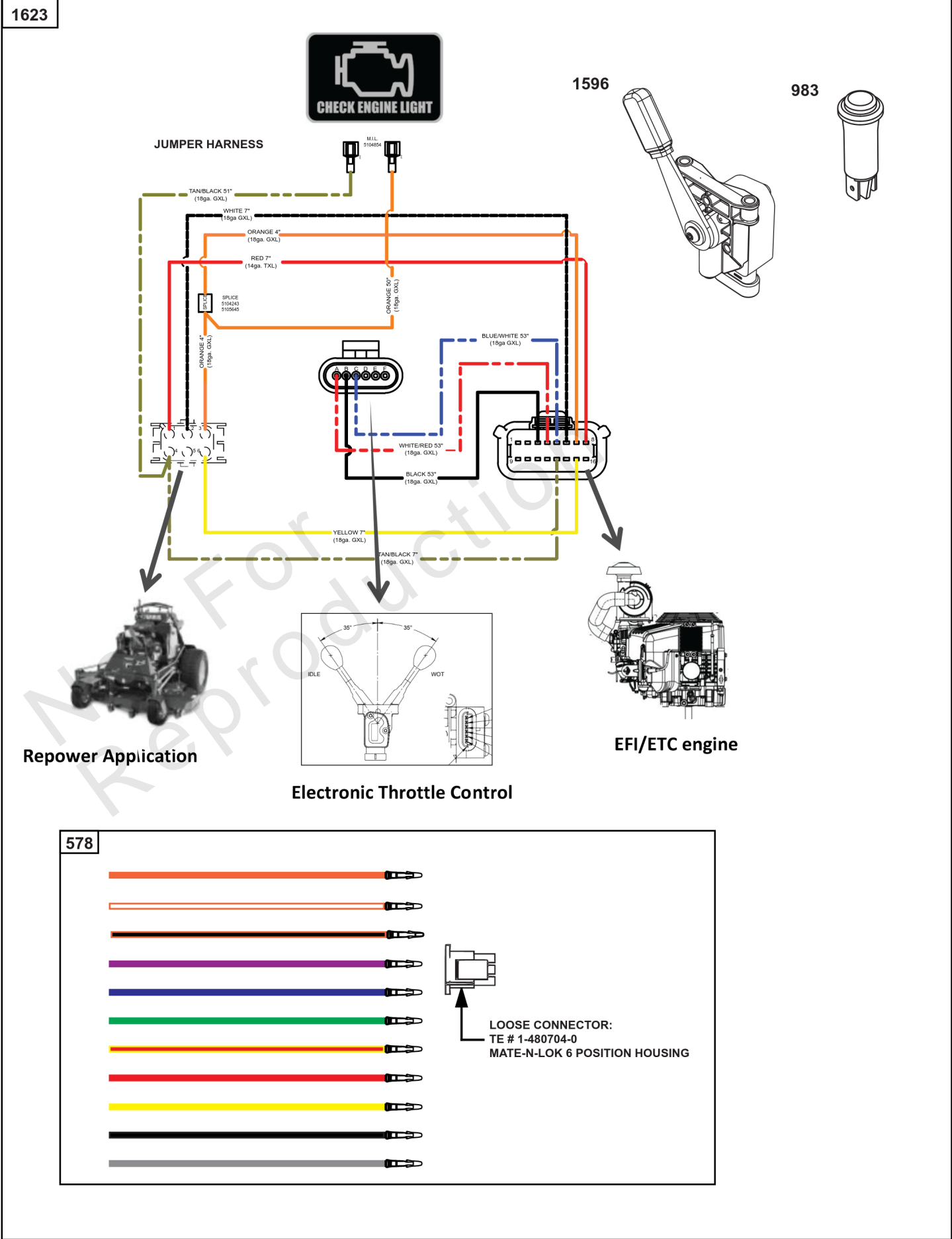
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## Guarding

REF NO	PART NO	QTY	DESCRIPTION
73	841840	1	SCREEN, Rotating
73A	842248	1	SCREEN, Rotating
74	809947	3	SCREW -(Rotating Screen) (M6x20mm)
196	847200	1	GUARD, Flywheel Fan
725	841132	1	SHIELD, Heat -(Requires 2 x 692067 Screw)
725A	847229	1	SHIELD, Heat -(With 02 Sensor Hole) (EFI)
890	809987	1	BRACKET, Support
1005	846996	1	FAN, Flywheel
1006	847198	1	RETAINER, Fan
1332	809948	3	WASHER
1369	995019	1	FAN/SCREEN ASSEMBLY
1370	841233	4	SCREW -(Flywheel Fan Guard)
1371	841537	4	NUT -(Flywheel Fan Guard)
1372	809946	3	STUD

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## *Electronic Throttle Kit*

REF NO	PART NO	QTY	DESCRIPTION
578	84007350	1	WIRE ASSEMBLY
983	5103809YP	1	LIGHT, Indicator
1596	84007271	1	LEVER, Electronic Throttle
1623	84008670	1	KIT, Throttle Assembly -(Analog Electronic Throttle Control)

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