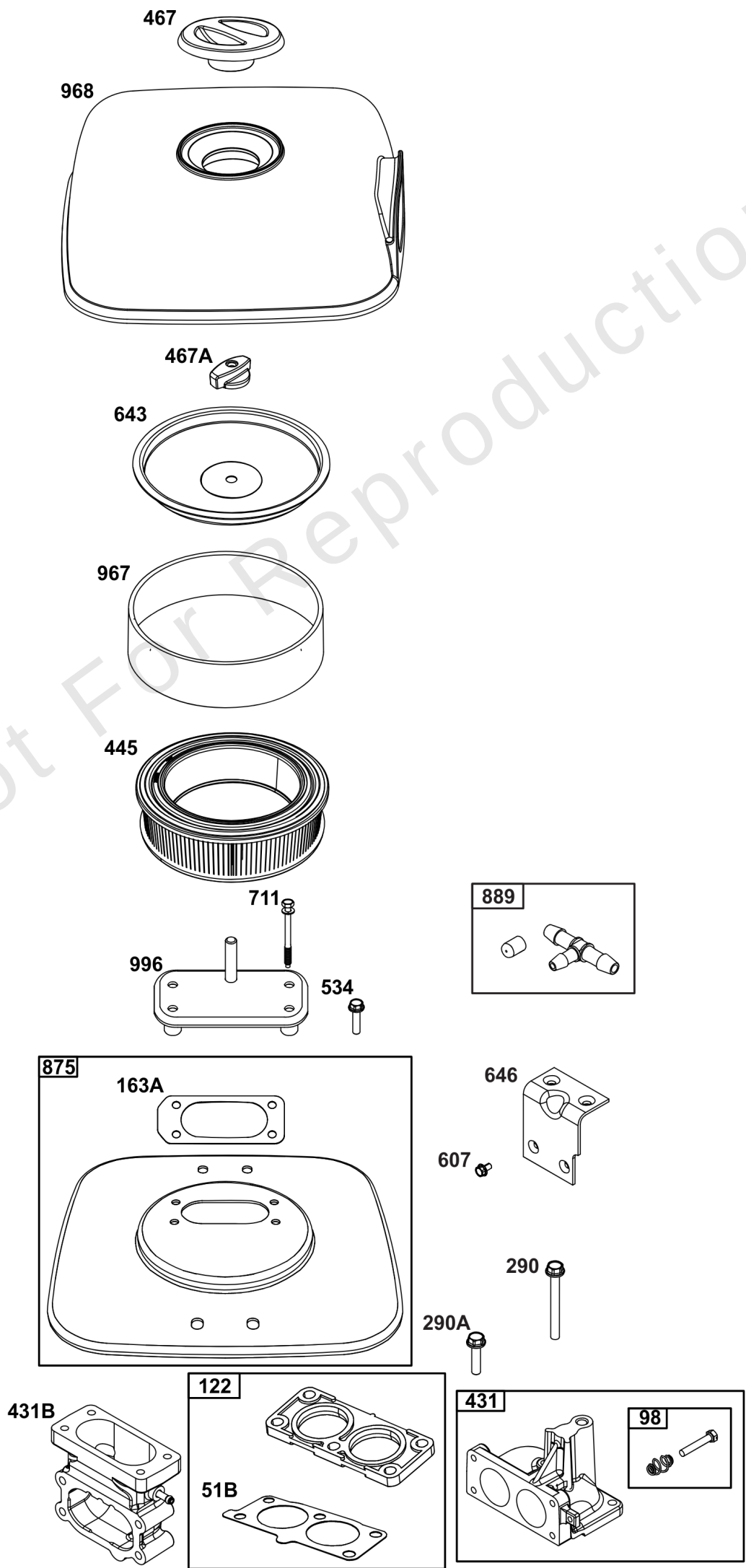




Parts Manual

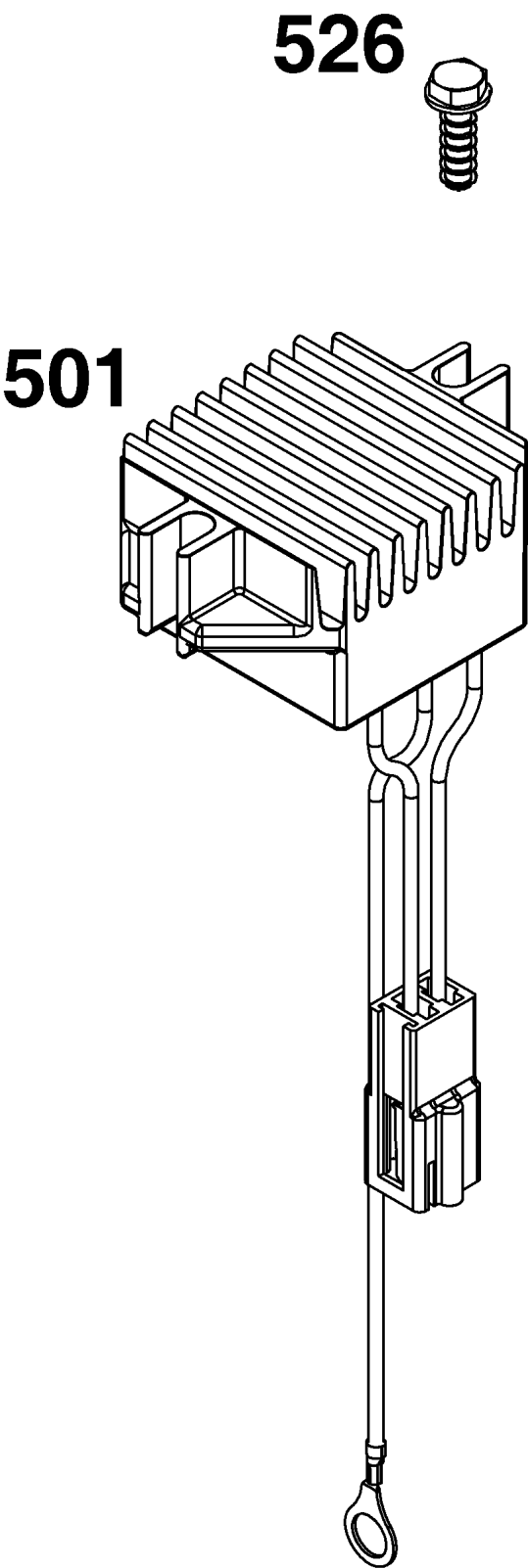
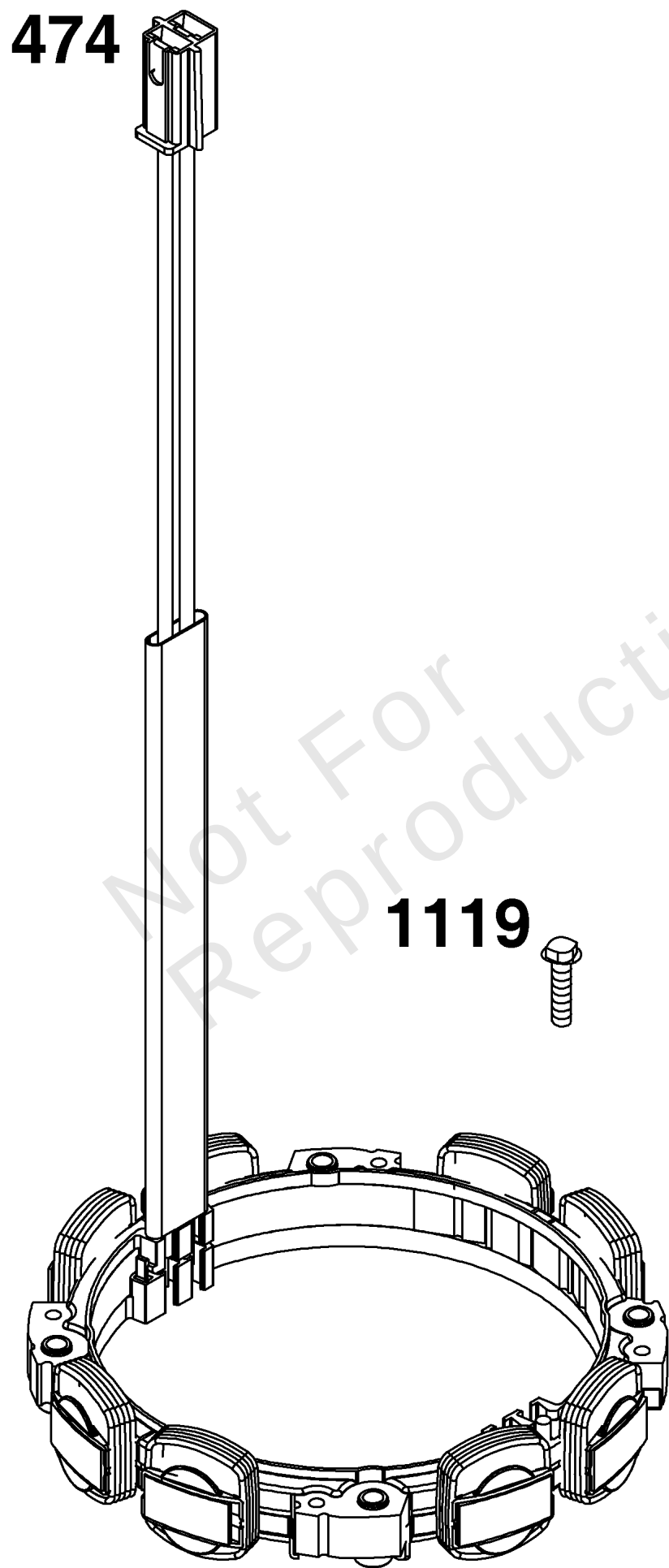
Mfg. No: 613477-4244-J1

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Air Cleaner Group

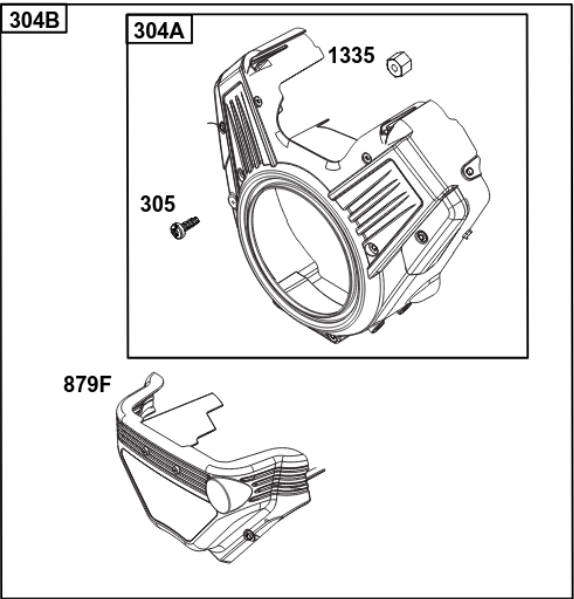
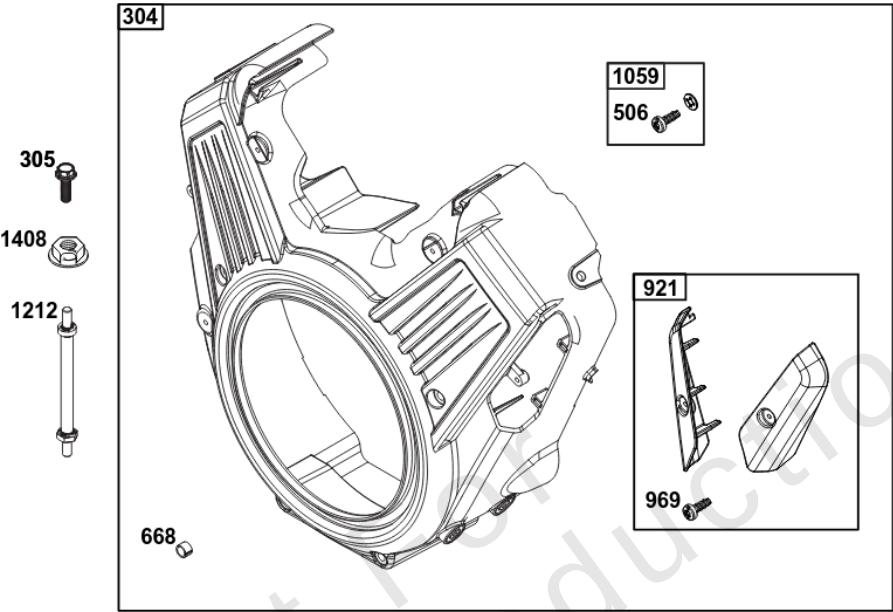
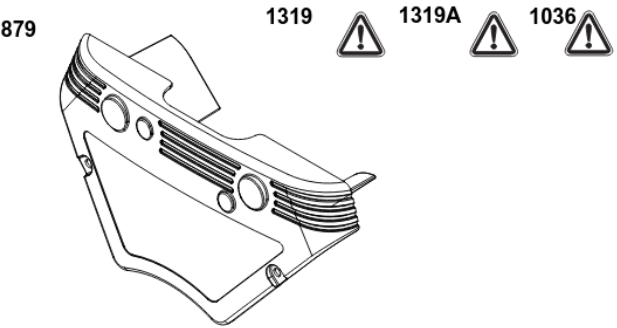
REF NO	PART NO	QTY	DESCRIPTION
51B	-----	2	GASKET, Intake -(Part information located in Cylinder Head Group.)
98	841842	1	KIT, Idle Speed
122	-----	1	SPACER, Carburetor -(Part information located in Carburetor Group.)
163A	843117	1	GASKET, Air Cleaner
290	809911	1	SCREW -(Intake Elbow)
290A	807421	2	SCREW -(Intake Elbow)
431	841539	1	ELBOW, Intake
431B	845505	1	MANIFOLD, Intake
445	692519	1	FILTER, A/C Cartridge
467	846008	1	KNOB, Air Cleaner Cover
467A	846007	1	KNOB, Air Cleaner Cover
534	692062	3	SCREW -(Air Cleaner)
607	841233	2	SCREW -(Air Cleaner Brace)
643	844932	1	RETAINER, Air Cleaner
646	841849	1	BRACE, Air Cleaner
711	807385	4	SCREW -(Carburetor Shield)
875	843118	1	BASE, Air Cleaner
889	845918	1	TEE
967	692520	1	FILTER, Pre Cleaner
968	841847	1	COVER, Air Cleaner
996	846006	1	SHIELD, Carburetor



Alternator Group

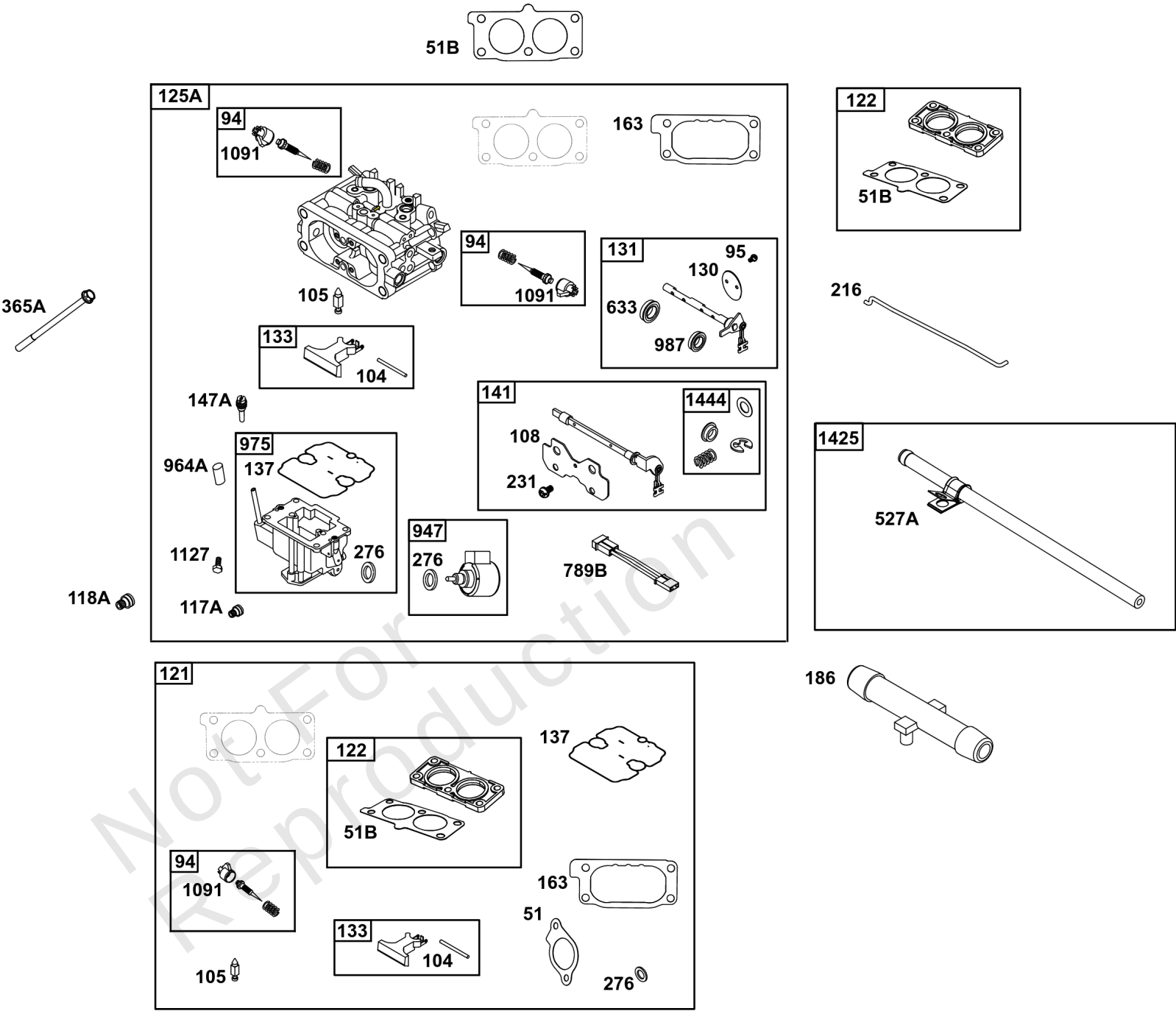
REF NO	PART NO	QTY	DESCRIPTION
474	846882	1	ALTERNATOR
501	847385	1	REGULATOR
526	690717	2	SCREW -(Regulator)
1119	691552	4	SCREW -(Alternator)

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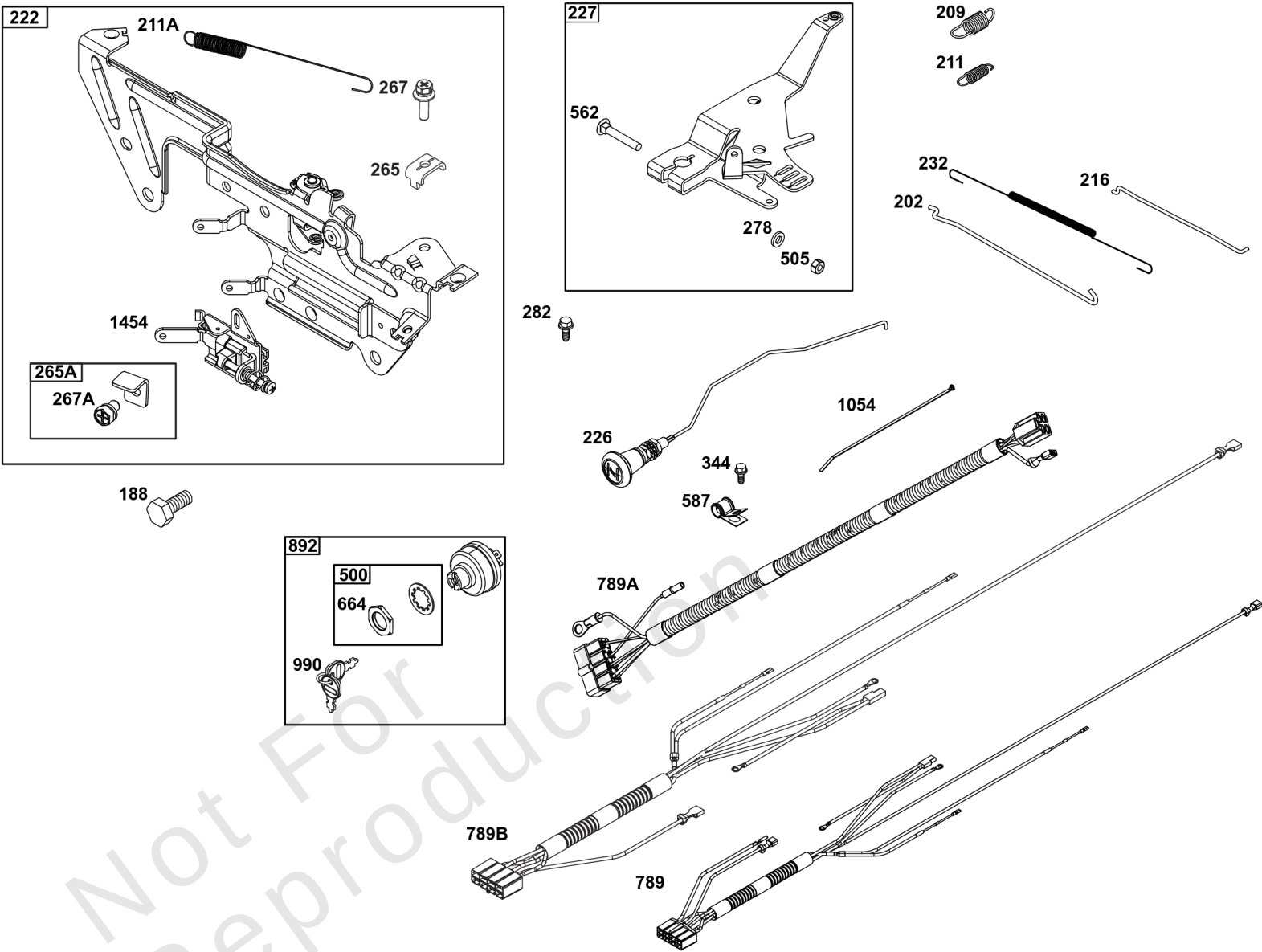
Blower Housing Group

REF NO	PART NO	QTY	DESCRIPTION
304	84006664	1	HOUSING, Blower -Used Before Code Date 23122100 (No Longer Available) (See Reference 304B for Service)
304A	84011458	1	HOUSING, Blower -Used After Code Date 23122000
304B	84013458	1	KIT, Blower Housing
305	807435	2	SCREW -(Blower Housing)
506	84006665	2	SCREW -(Carburetor/EFI Cover)
668	841974	6	SPACER
879	809955	1	COVER, Carburetor/EFI -Used Before Code Date 23122100 (No Longer Available) (See Reference 304B for Service)
879F	84011180	1	COVER, Carburetor/EFI -Used After Code Date 23122000
921	84006666	1	COVER, Blower Housing -(-Used Before Code Date 23122100)
969	84006665	2	SCREW -(Blower Housing Cover)
1036	-----	1	LABEL, Emissions -(Available From A Briggs & Stratton Authorized Service Dealer)
1059	845300	2	KIT, Screw/Washer
1212	809958	4	STUD -(Blower Housing)
1319	797669	1	LABEL, Warning -(Required When Replacing Parts With Warning Labels Affixed)
1319A	278911GS	1	LABEL, Warning -(Required When Replacing Parts With Warning Labels Affixed)
1335	841537	4	NUT -(Blower Housing)
1408	690939	4	NUT -(Air Cleaner Bracket)



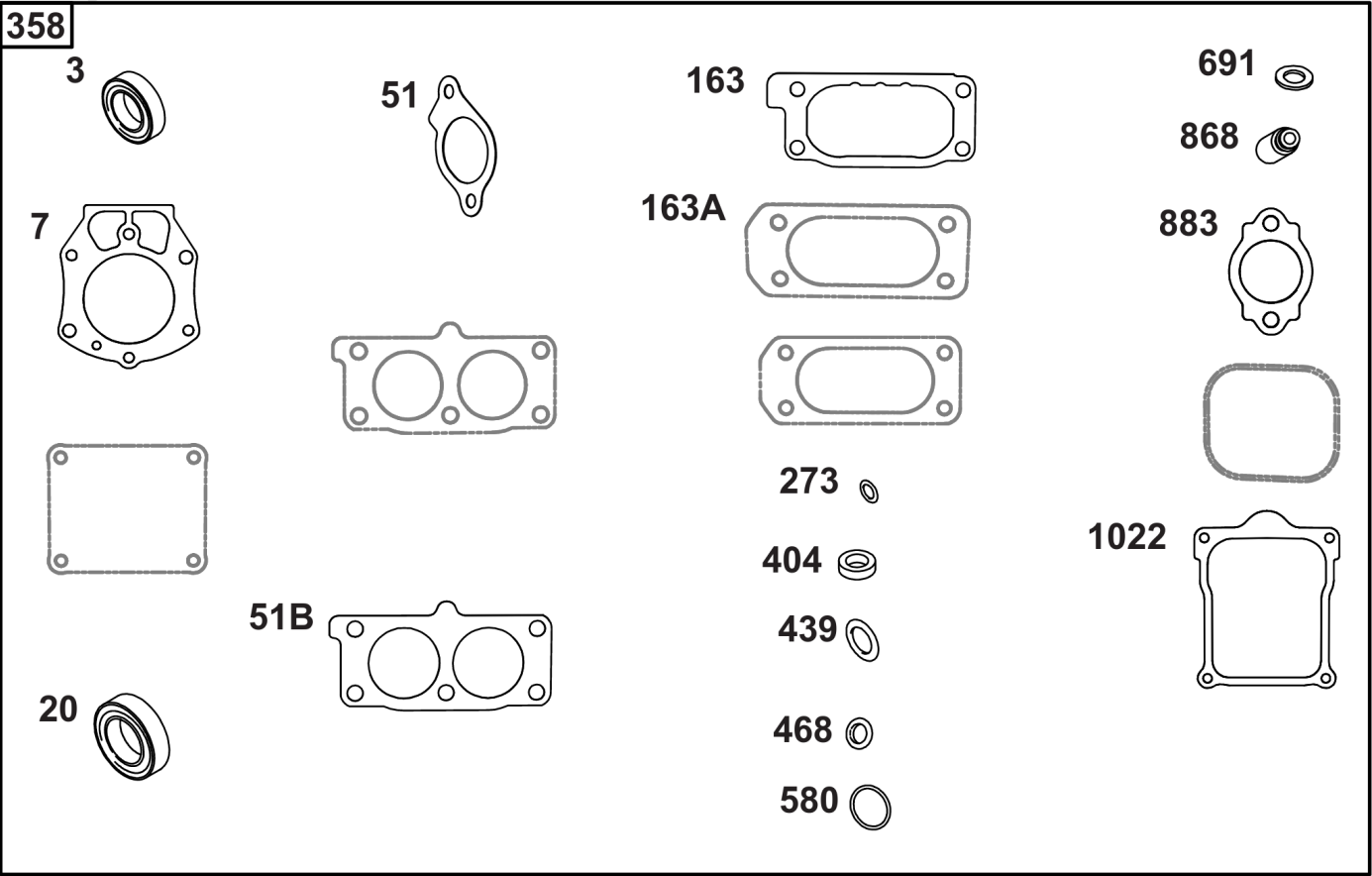
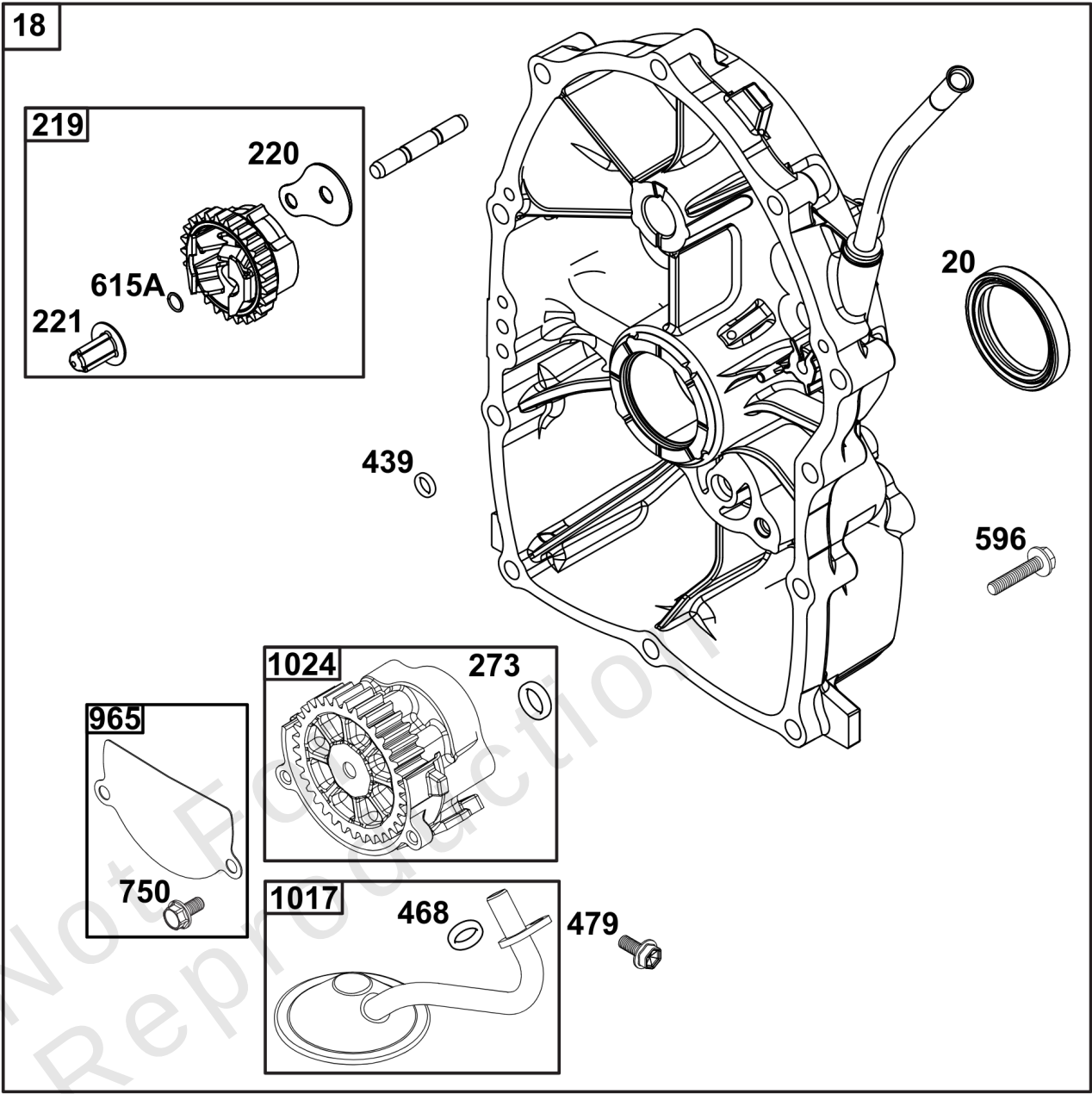
Carburetor Group

REF NO	PART NO	QTY	DESCRIPTION
51	-----	2	GASKET, Intake
51B	-----	3	GASKET, Intake -(Part information located in Cylinder Head Group.)
94	843295	2	KIT, Idle Mixture
95	690718	2	SCREW -(Throttle Valve)
104	690739	1	PIN, Float Hinge
105	809759	1	VALVE, Float Needle
108	844652	1	VALVE, Choke
117A	843365		JET, Main -(Standard) (Left Jet)
117A	842098		JET, Main -(Standard) (Right Jet)
118A	843376		JET, Main -(Hi Altitude, 5000ft) (Left Jet)
118A	843587		JET, Main -(Hi Altitude, 5000ft) (Right Jet)
121	843297	1	KIT, Carburetor Overhaul -(Service Kits may include extra parts not specific to this engine.)
122	846245	1	SPACER, Carburetor
125A	845329	1	CARBURETOR
130	841913	2	VALVE, Throttle
131	845038	1	KIT, Throttle Shaft
133	809637	1	FLOAT, Carburetor
137	809645	1	GASKET, Float Bowl
141	845036	1	KIT, Choke Shaft
147A	842740	2	JET, Pilot
163	807375	1	GASKET, Air Cleaner
186	845121	1	CONNECTOR, Hose
216	845297	1	LINK, Choke
231	690718	4	SCREW -(Choke Valve)
276	806476	1	WASHER, Sealing
365A	841853	4	SCREW -(Carburetor/Throttle Body)
527A	-----	1	CLAMP, Tube -(Part information located in Fuel Supply Group.)
633	809641	1	SEAL, Choke/Throttle Shaft
789B	-----	1	HARNESS, Wire -(Part information located in Controls Group.)
947	842109	1	SOLENOID, Fuel
964A	809640	1	CAP, Connector
975	842106	1	BOWL, Float
987	809639	2	SEAL, Choke/Throttle Shaft
1091	691515	2	CAP, Limiter
1127	809715	4	SCREW -(Float Bowl to Carburetor Body)
1425	-----	1	HOSE, Purge Line -(Part information located in Fuel Supply Group.)
1444	845039	1	KIT, Choke Shaft Seal



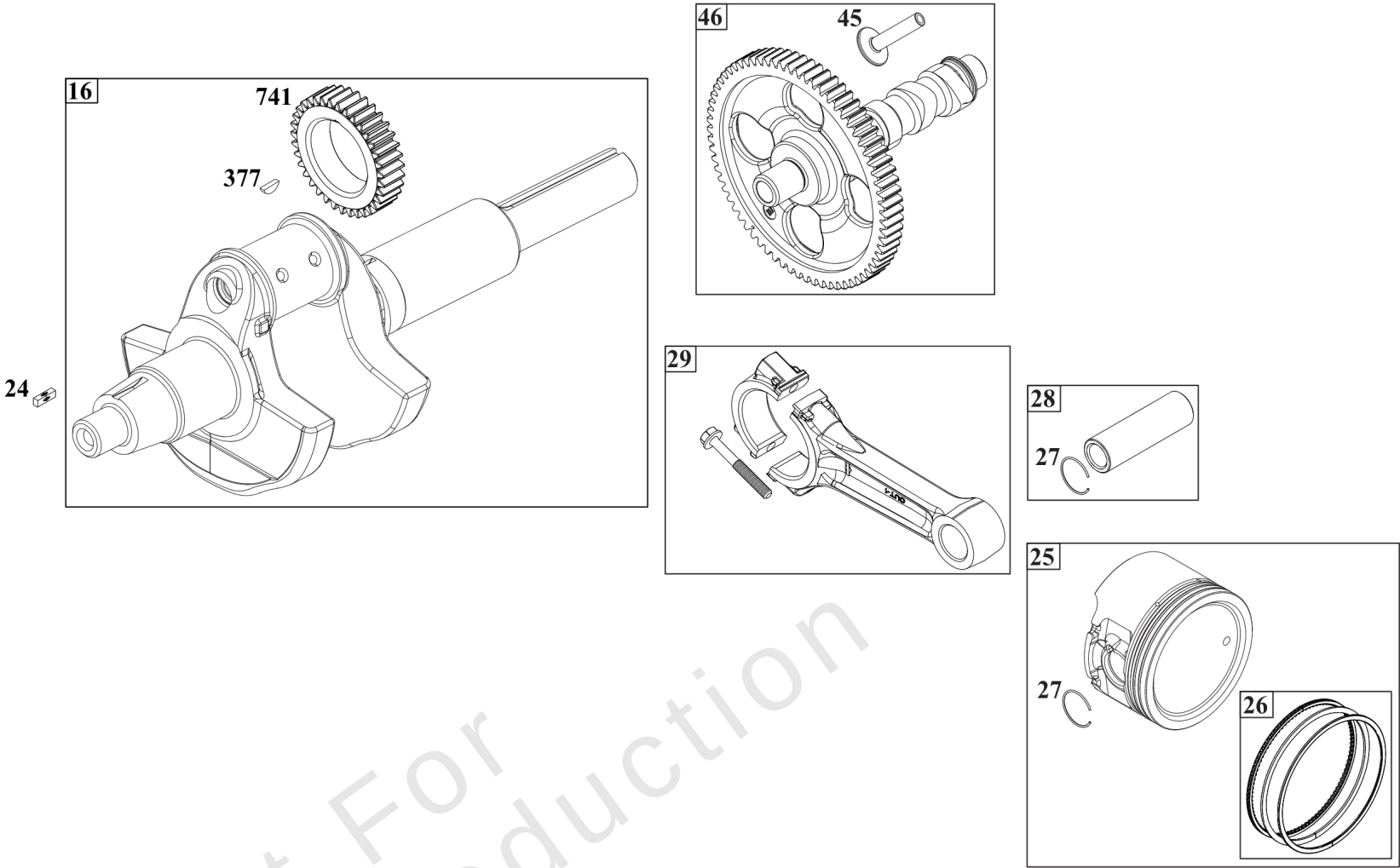
Controls Group

REF NO	PART NO	QTY	DESCRIPTION
188	692062	4	SCREW -(Control Bracket)
202	841322	1	LINK, Mechanical Governor
209	841500	1	SPRING, Governor
211	809875	1	SPRING, Governed Idle
211A	690707	1	SPRING, Governed Idle
216	845297	1	LINK, Choke
222	841528	1	BRACKET, Control
226	841613	1	ROD, Choke
227	809984	1	LEVER, Governor Control
232	690545	1	SPRING/LINK, Governor
265	691024	2	CLAMP, Casing
265A	841673	1	CLAMP, Casing
267	841552	2	SCREW -(Casing Clamp)
267A	841552	1	SCREW
278	842122	1	WASHER -(Governor Control Lever)
282	841552	1	SCREW -(Control Lever)
344	841233	1	SCREW
500	847144	1	SET, Washer/Nut -(Key Switch)
505	844752	1	NUT -(Governor Control Lever)
562	843344	1	BOLT -(Governor Control Lever)
587	846866	1	CLAMP, Cable
664	691087	1	NUT -(Key Switch)
789	847060	1	HARNESS, Wiring
789A	809967	1	HARNESS, Wiring
789B	847060	1	HARNESS, Wiring
892	692318	1	SWITCH, Key
990	691959	1	SET, Key
1054	5021029SM	2	TIE, Cable 11" Long
1454	845807	1	SLIDER, Governor



Crankcase Cover/Sump Group

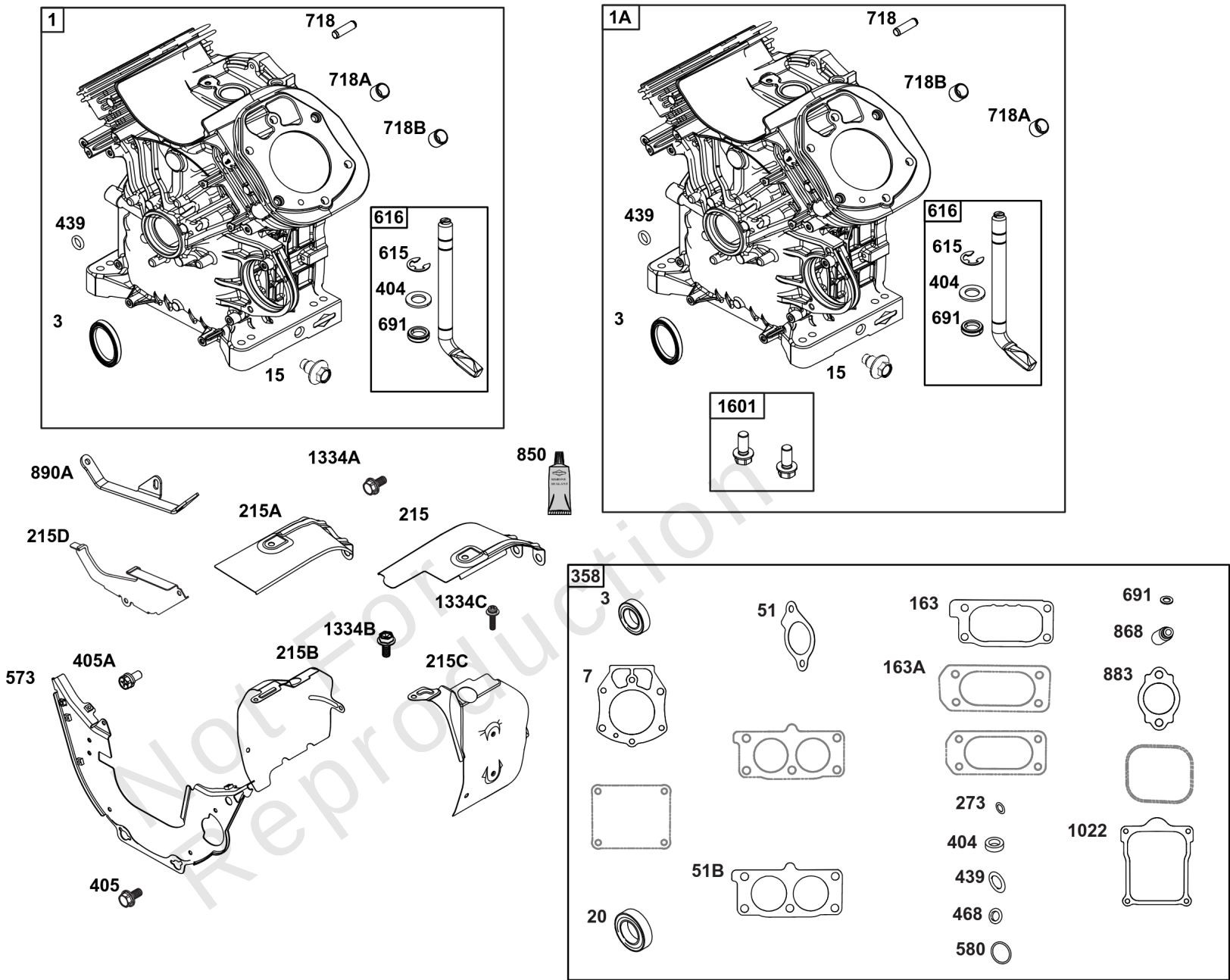
REF NO	PART NO	QTY	DESCRIPTION
3	-----	1	SEAL, Oil -(Part information located in Cylinder Group.)
7	-----	2	GASKET, Cylinder Head -(Part information located in Cylinder Head Group.)
18	848359	1	COVER, Crankcase
20	841596	1	SEAL, Oil -(PTO Side)
22	807362	11	SCREW -(Crankcase Cover/Sump)
51	-----	2	GASKET, Intake -(Part information located in Cylinder Head Group.)
51B	-----	3	GASKET, Intake -(Part information located in Cylinder Head Group.)
163	-----	1	GASKET, Air Cleaner -(Part information located in Carburetor Group.)
163A	-----	1	GASKET, Air Cleaner -(Part information located in Air Cleaner Group.)
219	809426	1	GEAR, Governor
220	841608	1	WASHER -(Governor Gear)
221	841026	1	CUP, Governor
273	-----	2	SEAL, O-Ring -(Part information located in Lubrication Group.)
358	841122	1	GASKET SET, Engine -(Service Kits may include extra parts not specific to this engine.)
404	-----	1	WASHER -(Part information located in Cylinder Group.)
439	692154	2	O-RING, Oil Gallery -(Crankcase Cover/Sump or Cylinder Assembly)
468	-----	1	SEAL, O-Ring -(Part information located in Lubrication Group.)
479	-----	1	SCREW -(Part information located in Lubrication Group.)
580	-----	1	SEAL, O-Ring -(Part information located in Cylinder Head Group.)
596	-----	2	SCREW -(Part information located in Lubrication Group.)
615A	698290	1	RETAINER, Governor Shaft
691	-----	1	SEAL, Governor Shaft -(Part information located in Cylinder Group.)
750	-----	2	SCREW -(Part information located in Lubrication Group.)
850	100106	1	SEALANT, Liquid
868	-----	4	SEAL, Valve -(Part information located in Cylinder Head Group.)
883	-----	2	GASKET, Exhaust -(Part information located in Exhaust Group.)
965	-----	1	COVER, Oil Pump -(Part information located in Lubrication Group.)
1017	-----	1	SCREEN, Oil Pump -(Part information located in Lubrication Group.)
1022	-----	2	GASKET, Rocker Cover -(Part information located in Cylinder Head Group.)
1024	-----	1	PUMP, Oil -(Part information located in Lubrication Group.)



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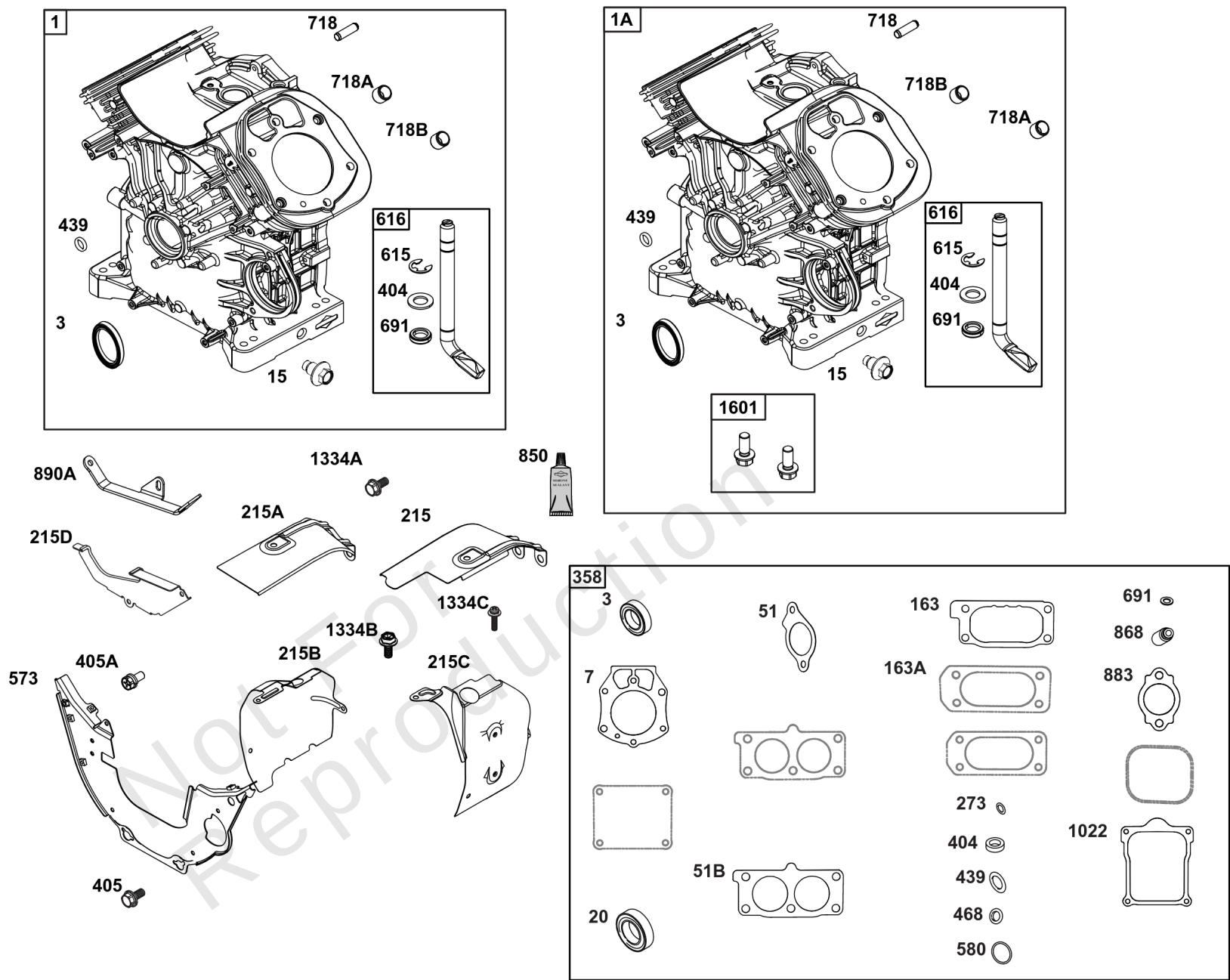
Crankshaft Group

REF NO	PART NO	QTY	DESCRIPTION
16	848305	1	CRANKSHAFT
24	796335	1	KEY, Flywheel
25	841837	2	PISTON ASSEMBLY -(Standard)
26	809972	2	SET, Ring -(Standard)
27	807351	4	LOCK, Piston Pin
28	807361	2	PIN, Piston
29	841838	2	ROD, Connecting
45	-----	4	TAPPET, Valve -(Part information located in Cylinder Head Group.)
46	847381	1	CAMSHAFT
377	691639	1	KEY, Woodruff
741	809432	1	GEAR, Timing



Cylinder Group

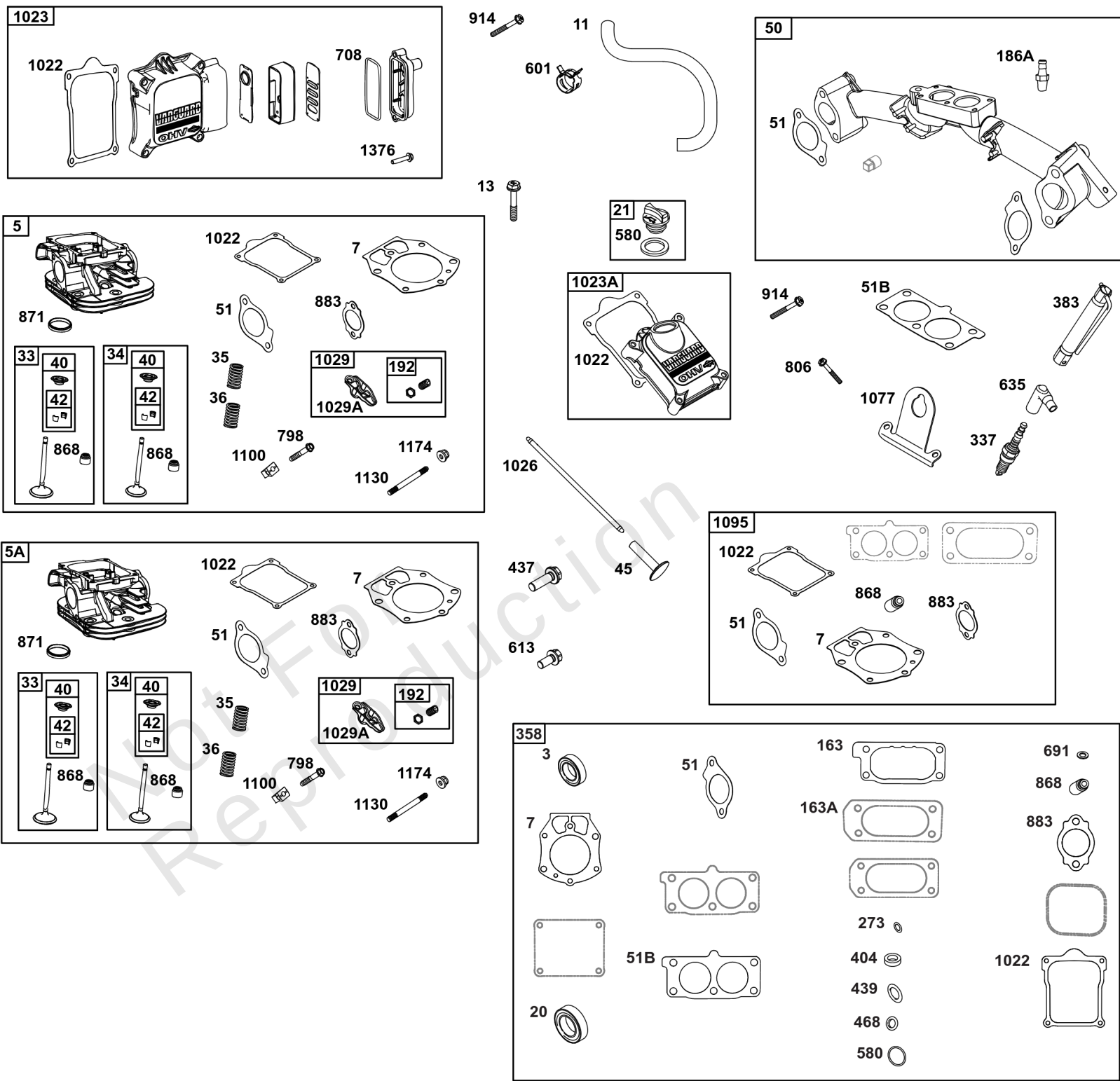
REF NO	PART NO	QTY	DESCRIPTION
1	848363	1	CYLINDER ASSEMBLY
1A	84013609	1	CYLINDER ASSEMBLY
3	841596	1	SEAL, Oil -(Magneto Side)
7	-----	2	GASKET, Cylinder Head -(Part information located in Cylinder Head Group.)
15	807392	2	PLUG, Oil Drain
20	-----	1	SEAL, Oil -(Part information located in Crankcase Cover/Sump Group.)
51	-----	2	GASKET, Intake -(Part information located in Cylinder Head Group.)
51B	-----	3	GASKET, Intake -(Part information located in Cylinder Head Group.)
163	-----	1	GASKET, Air Cleaner -(Part information located in Carburetor Group.)
163A	-----	1	GASKET, Air Cleaner -(Part information located in Air Cleaner Group.)
215	809728	1	GUIDE, Air
215A	809737	1	GUIDE, Air
215B	809897	1	GUIDE, Air
215C	809738	1	GUIDE, Air
215D	809739	1	GUIDE, Air
273	-----	2	SEAL, O-Ring -(Part information located in Lubrication Group.)
358	-----	1	GASKET SET, Engine -(Part information located in Crankcase Cover/Sump Group.)
404	809436	1	WASHER -(Governor Crank)
405	841233	3	SCREW -(Back Plate)
405A	841735	1	SCREW -(Back Plate)
439	-----	2	O-RING, Oil Gallery -(Part information located in Crankcase Cover/Sump Group.)
468	-----	1	SEAL, O-Ring -(Part information located in Lubrication Group.)
573	842712	1	PLATE, Back
580	-----	1	SEAL, O-Ring -(Part information located in Cylinder Head Group.)
615	809533	3	RETAINER, Governor Shaft
616	844180	1	CRANK, Governor
691	809287	1	SEAL, Governor Shaft
718	690959	2	PIN, Locating
718A	809508	4	PIN, Locating
718B	845925	1	PIN, Locating
850	-----	1	SEALANT, Liquid
868	-----	4	SEAL, Valve -(Part information located in Cylinder Head Group.)
883	-----	2	GASKET, Exhaust -(Part information located in Exhaust Group.)
890A	841614	1	BRACKET, Support
1022	-----	2	GASKET, Rocker Cover -(Part information located in Cylinder Head Group.)
1334A	841233	4	SCREW -(Air Guide)
1334B	807084	3	SCREW -(Air Guide)



Cylinder Group

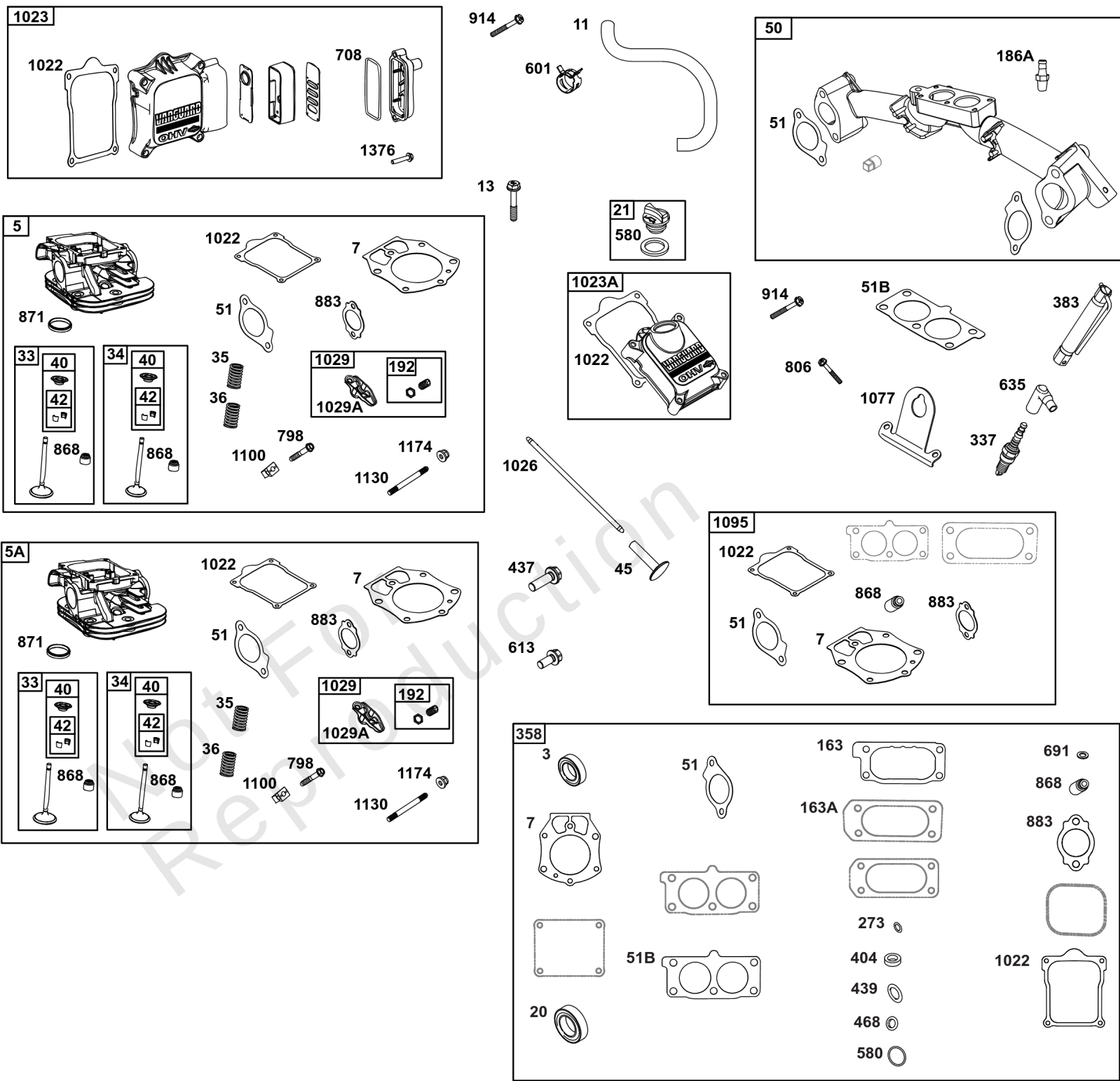
REF NO	PART NO	QTY	DESCRIPTION
1334C	690677	2	SCREW -(Air Guide)
1601	84013604	1	KIT, Hardware -"Only For Use With Reference 1A"

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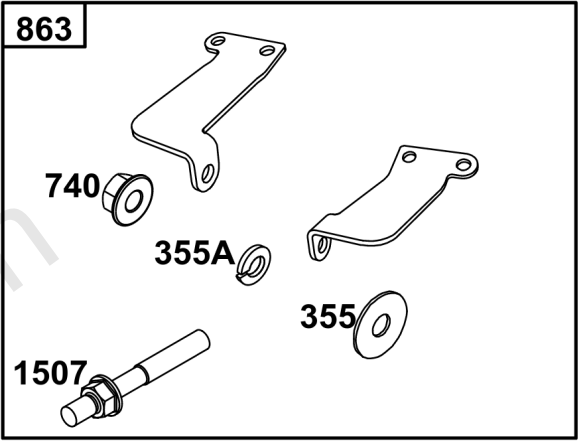
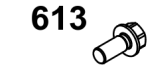
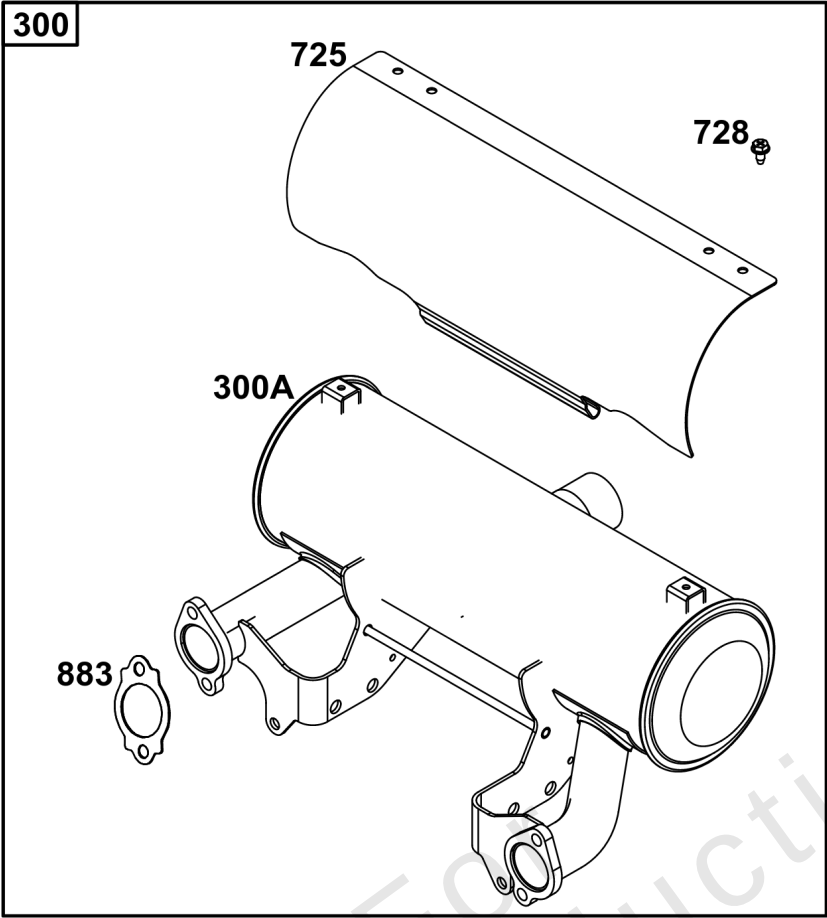
Cylinder Head Group

REF NO	PART NO	QTY	DESCRIPTION
3	-----	1	SEAL, Oil -(Part information located in Cylinder Group.)
5	848344	1	HEAD, Cylinder -(Cylinder #1)
5A	848345	1	HEAD, Cylinder -(Cylinder #2)
7	809730	2	GASKET, Cylinder Head
11	809736	1	TUBE, Breather
13	809784	12	SCREW -(Cylinder Head)
20	-----	1	SEAL, Oil -(Part information located in Crankcase Cover/Sump Group.)
21	843464	1	CAP, Oil Fill
33	844787	2	VALVE, Exhaust
34	843730	2	VALVE, Intake
35	845589	2	SPRING, Valve -(Intake) (Pink)
36	845589	2	SPRING, Valve -(Exhaust) (Pink)
40	844788	4	RETAINER, Valve
42	807683	8	KEEPER, Valve
45	809785	4	TAPPET, Valve
50	844340	1	MANIFOLD, Intake
51	847671	2	GASKET, Intake
51B	841882	3	GASKET, Intake
163	-----	1	GASKET, Air Cleaner -(Part information located in Carburetor Group.)
163A	-----		GASKET, Air Cleaner -(Part information located in Air Cleaner Group.)
186A	844568	1	CONNECTOR, Hose
192	690083	4	ADJUSTER, Rocker Arm
273	-----	2	SEAL, O-Ring -(Part information located in Lubrication Group.)
337	792015	2	PLUG, Spark
358	-----	1	GASKET SET, Engine -(Part information located in Crankcase Cover/Sump Group.)
383	19576S	1	WRENCH, Spark Plug
404	-----	1	WASHER -(Part information located in Cylinder Group.)
437	-----	4	SCREW -(Part information located in Exhaust Group.)
439	-----	2	O-RING, Oil Gallery -(Part information located in Crankcase Cover/Sump Group.)
468	-----	1	SEAL, O-Ring -(Part information located in Lubrication Group.)
580	809894	1	SEAL, O-Ring -(Oil Fill Cap)
601	-----	1	CLAMP, Hose -(Part information located Fuel Supply Group.)
613	-----	4	SCREW -(Part information located in Exhaust Group.)
635	692076	2	BOOT, Spark Plug
691	-----	1	SEAL, Governor Shaft -(Part information located in Cylinder Group.)
708	841301	1	SEAL, O-Ring -(Breather Reed)
798	691492	4	SCREW -(Rocker Arm)



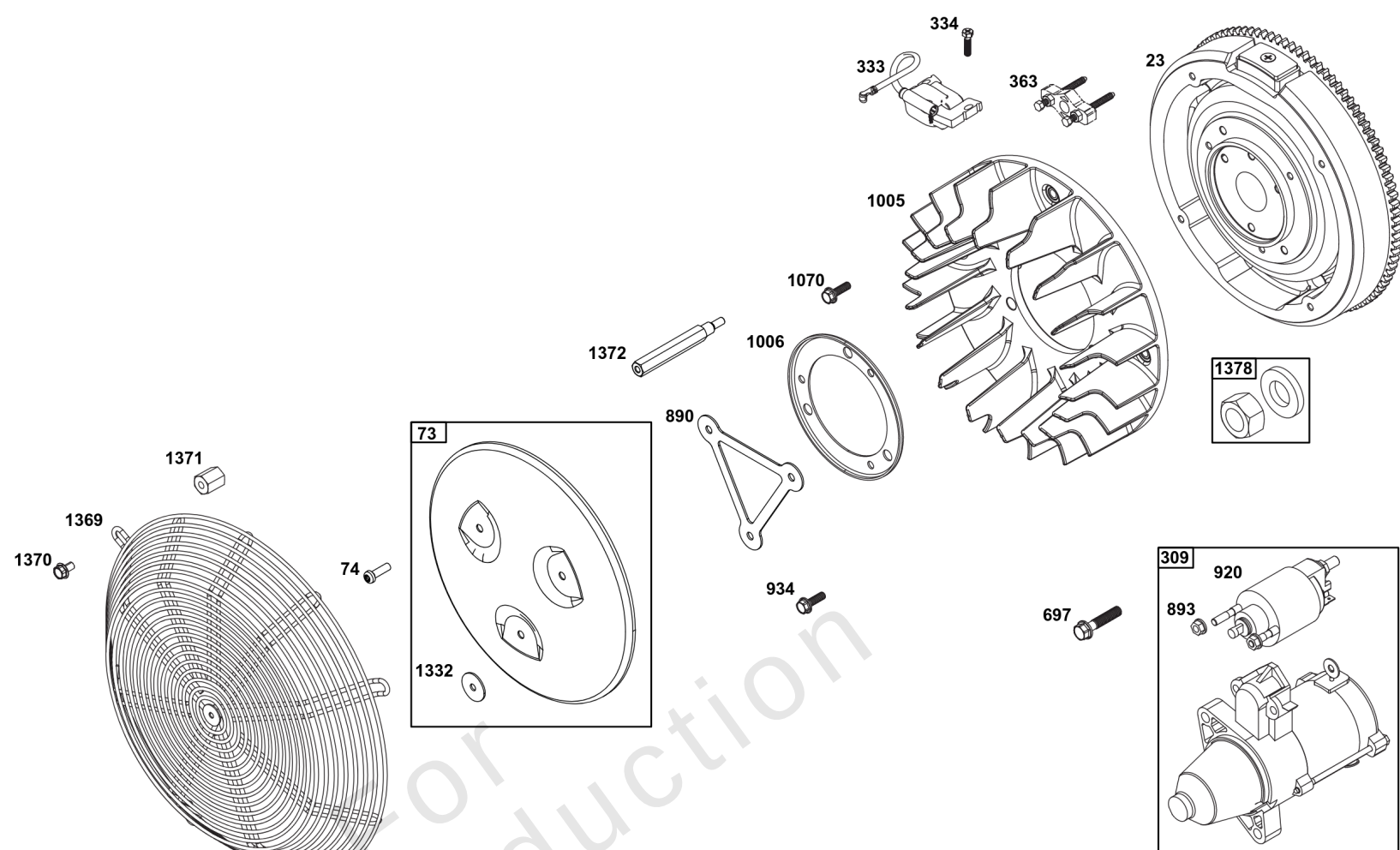
Cylinder Head Group

REF NO	PART NO	QTY	DESCRIPTION
806	807357	2	SCREW -(Lifting Bracket)
868	691963	4	SEAL, Valve
871	692057	4	BUSHING, Valve Guide
883	-----	2	GASKET, Exhaust -(Part information located in Exhaust Group.)
914	807357	8	SCREW -(Rocker Cover)
1022	809732	2	GASKET, Rocker Cover
1023	809789	1	COVER, Rocker
1023A	809731	1	COVER, Rocker
1026	809783	4	ROD, Push
1029	690972	4	ARM, Rocker
1029A	807323	1	ARM, Rocker
1077	809729	1	BRACKET, Lifting
1095	843713	1	GASKET SET, Valve -(Service Kits can include parts not for this engine.)
1100	791959	4	PIVOT, Rocker Arm
1130	841590	4	STUD -(Intake Manifold)
1174	842067	4	NUT -(Intake Manifold)
1376	806421	2	SCREW -(Breather Reed Cover)



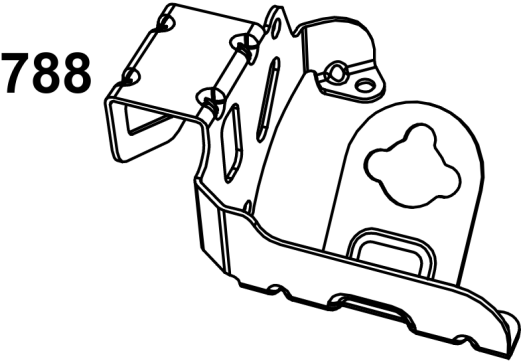
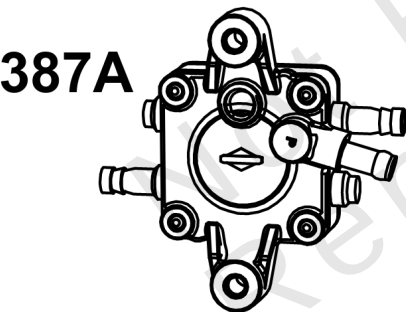
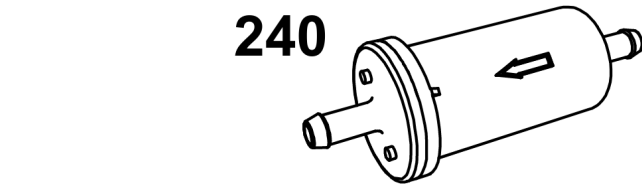
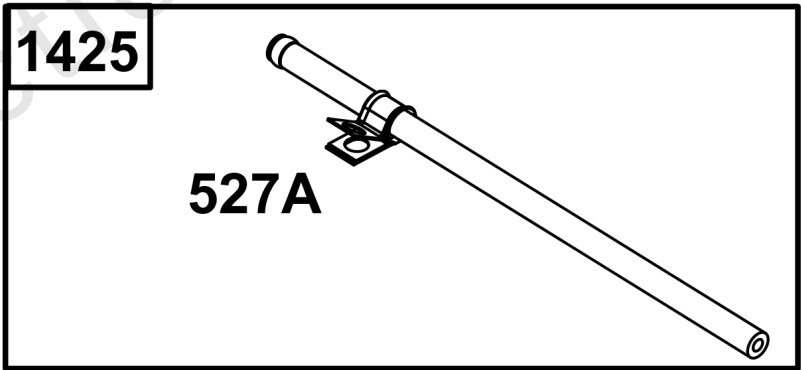
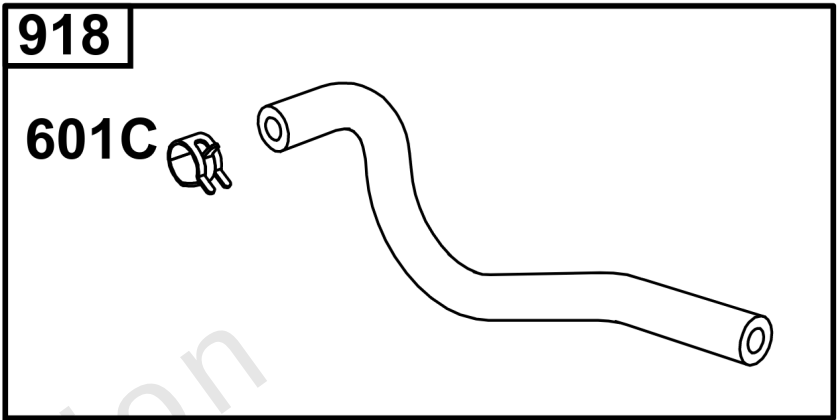
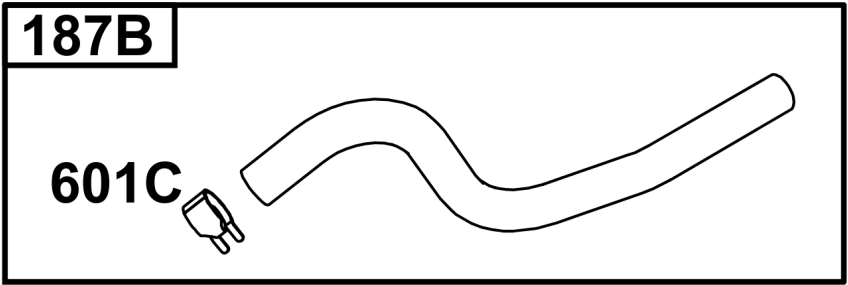
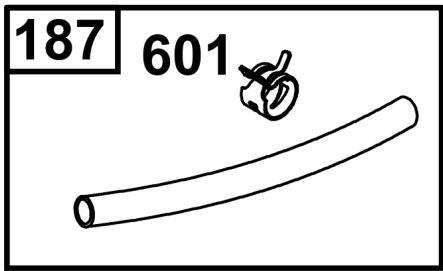
Exhaust Group

REF NO	PART NO	QTY	DESCRIPTION
300	846154	1	MUFFLER
300A	843740	1	MUFFLER
355	844035	4	WASHER -(Muffler Bracket)
355A	691075	4	WASHER -(Muffler Bracket)
613	-----	4	SCREW -(Part information located in Cylinder Head Group.)
725	841132	1	SHIELD, Heat
728	692067	2	SCREW -(Heat Shield)
740	690941	6	NUT -(Muffler Bracket)
863	84002127	1	BRACKET, Muffler
883	809872	2	GASKET, Exhaust
1507	846324	2	STUD -(Muffler Bracket)



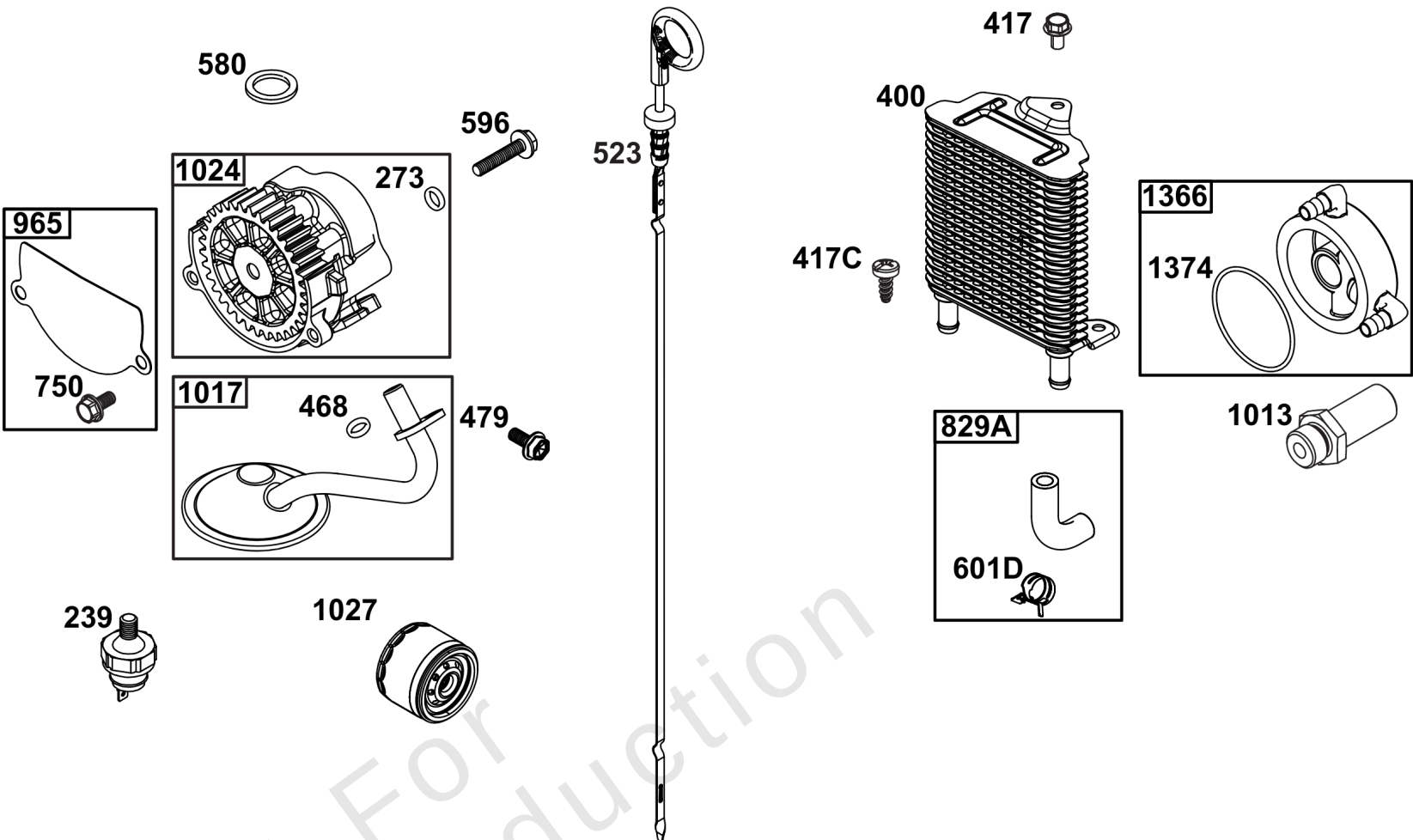
Flywheel/Ignition and Starter Group

REF NO	PART NO	QTY	DESCRIPTION
23	844385	1	FLYWHEEL
73	841840	1	SCREEN, Rotating
74	809947	3	SCREW -(Rotating Screen)
309	84006358	1	MOTOR, Starter
333	845126	2	ARMATURE, Magneto
334	692066	4	SCREW -(Magneto Armature)
363	19203	1	PULLER, Flywheel
697	690711	2	SCREW -(Drive Cap)
890	809987	1	BRACKET, Support
893	845758	2	NUT -(Starter Solenoid)
920	847694	1	SOLENOID, Starter
934	807421	2	SCREW
1005	846996	1	FAN, Flywheel
1006	847198	1	RETAINER, Fan
1070	807435	4	SCREW -(Flywheel Fan)
1332	809948	3	WASHER -(Rotating Screen)
1369	842858	1	GUARD, Flywheel Fan
1370	841233	4	SCREW -(Flywheel Fan Guard)
1371	841537	4	NUT -(Flywheel Fan Guard)
1372	809946	3	STUD -(Rotating Screen)
1378	844795	1	SET, Washer/Nut



Fuel Supply Group

REF NO	PART NO	QTY	DESCRIPTION
187	791766	1	LINE, Fuel
187B	844524	1	LINE, Fuel
240	845125	1	FILTER, Fuel
385A	807084	2	SCREW
387A	84003048	1	PUMP, Fuel
527A	807116	1	CLAMP, Tube
601	844405	2	CLAMP, Hose
601C	691038	2	CLAMP, Hose
788	844528	1	BRACKET, Fuel Pump
918	844525	1	HOSE, Vacuum
1425	844712	1	HOSE, Purge Line



Lubrication Group

REF NO	PART NO	QTY	DESCRIPTION
239	841281	1	SWITCH, Oil Pressure
273	690681	2	SEAL, O-Ring -(Oil Pump)
400	846249	1	COOLER, Oil
417	841233	2	SCREW -(Oil Cooler)
417C	84006665	1	SCREW -(Oil Cooler)
468	690690	1	SEAL, O-Ring -(Oil Pump Screen)
479	807084	1	SCREW -(Oil Pump Screen)
523	841007	1	DIPSTICK
580	809894	1	SEAL, O-Ring -(Oil Fill Cap)
596	691492	2	SCREW -(Oil Pump)
601D	845209	1	CLAMP, Hose
750	841233	2	SCREW -(Oil Pump Cover)
829A	846260	1	HOSE, Oil Cooler
965	809422	1	COVER, Oil Pump
1013	841602	1	NIPPLE, Oil Filter
1024	845983	1	PUMP, Oil
1017	809421	1	SCREEN, Oil Pump
1027	842921	1	FILTER, Oil
1366	841510	1	DIVERTER, Oil Cooler
1374	796863	1	SEAL, O-Ring -(Oil Cooler Diverter)

Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	6134770280J1		Replacement Engine
	791244	1	Replacement Short Block
	-----		Idle Speed: 1750
	-----		Top No-Load Speed: 4000

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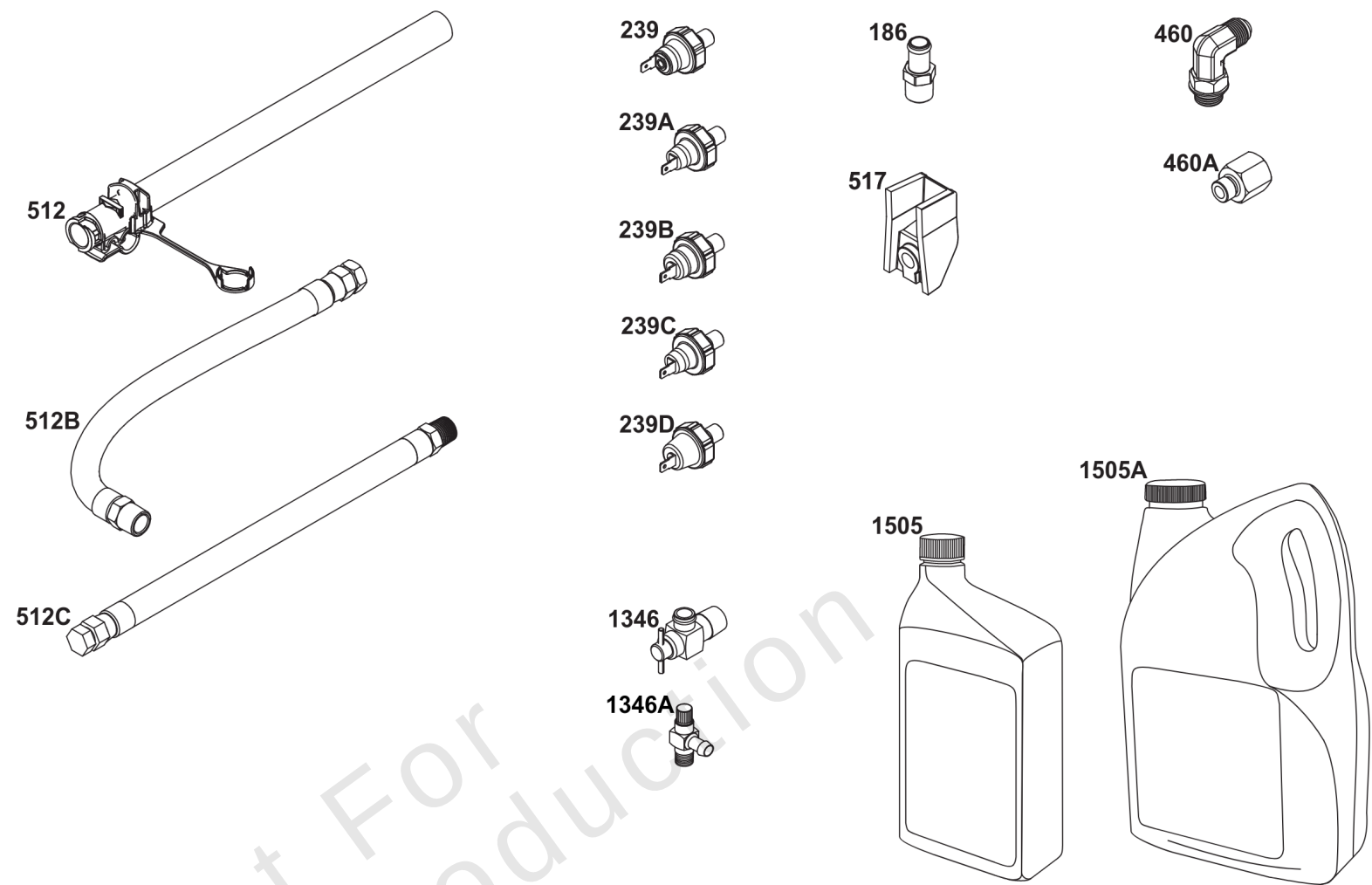
Model 54-61 Engine Accessories Catalog

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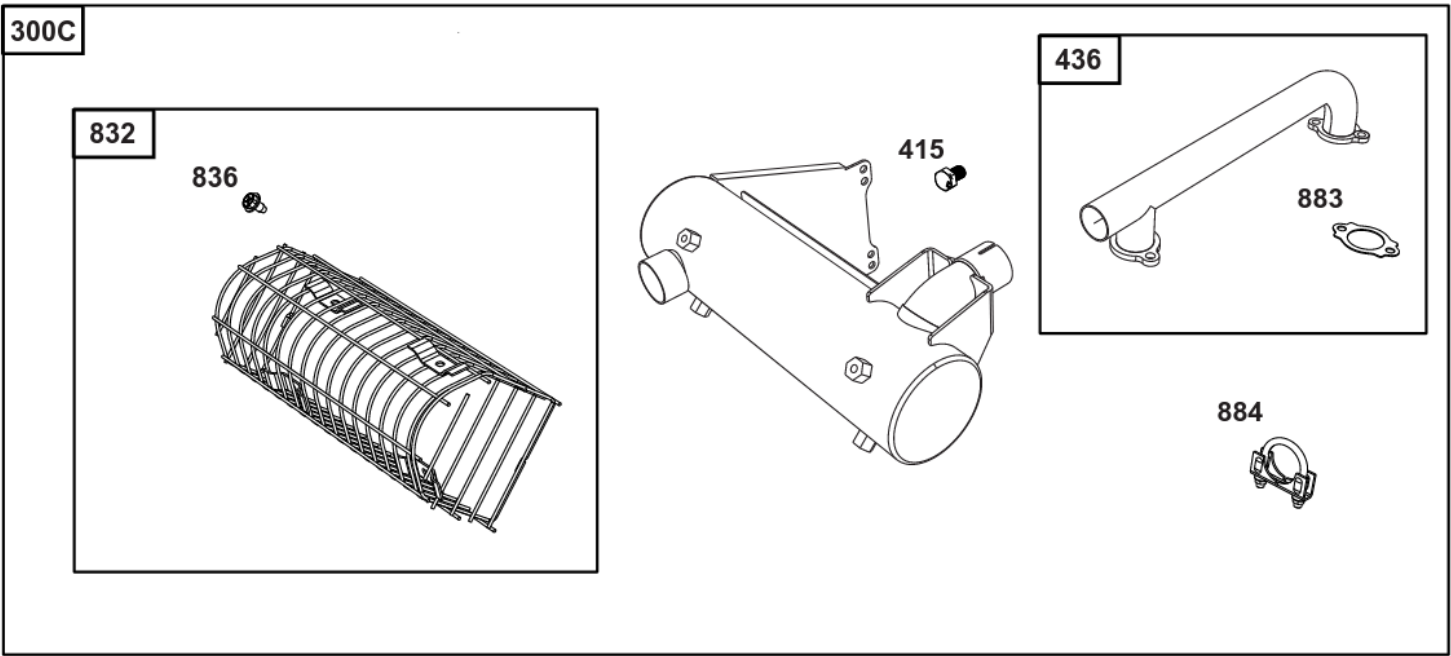
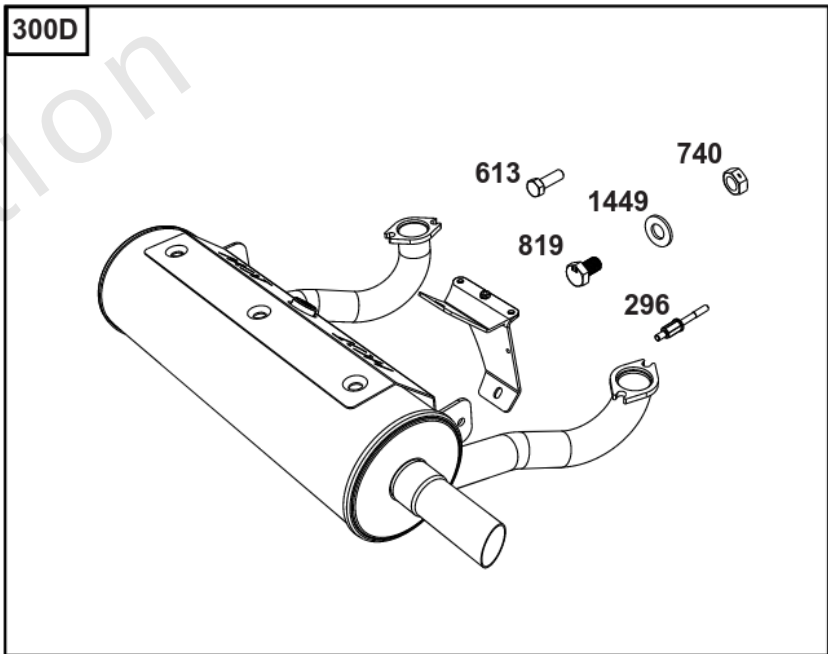
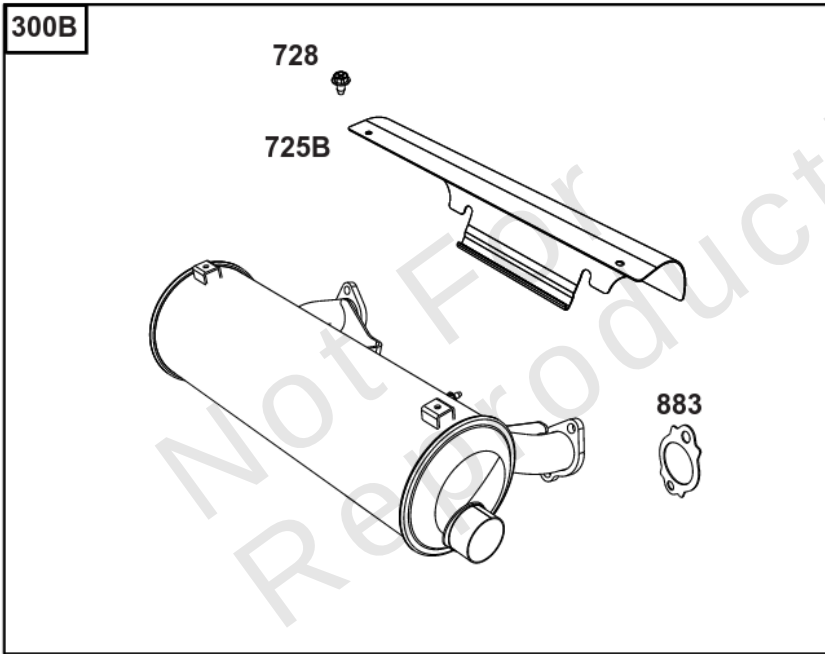
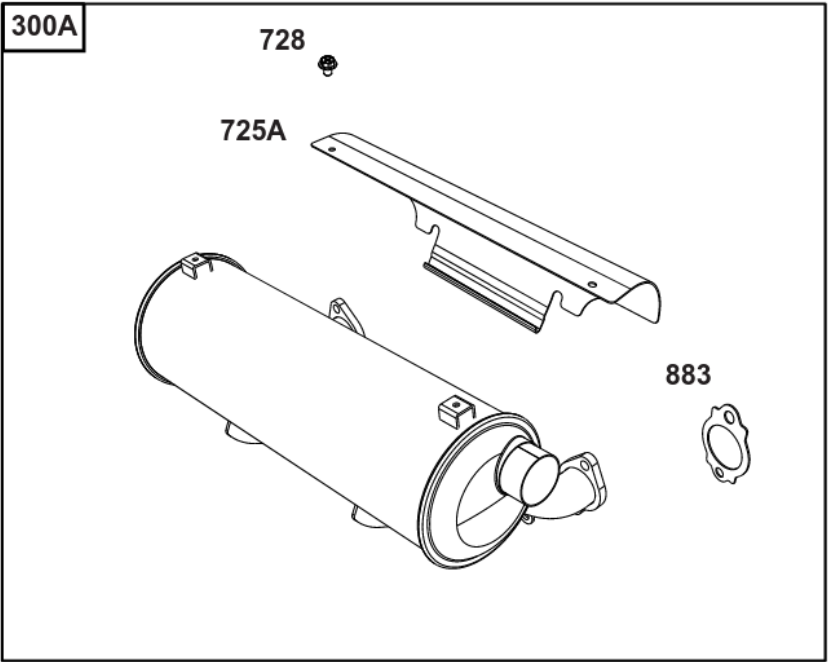
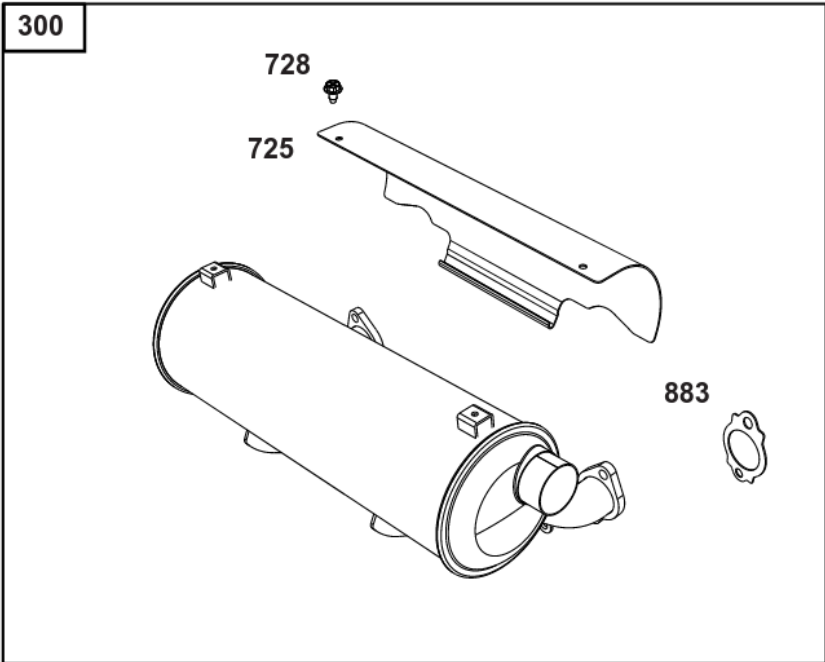
Maintenance Kits

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)



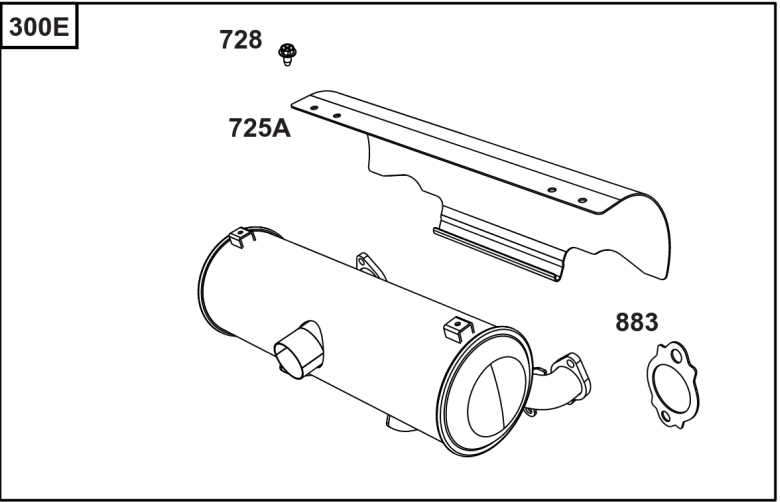
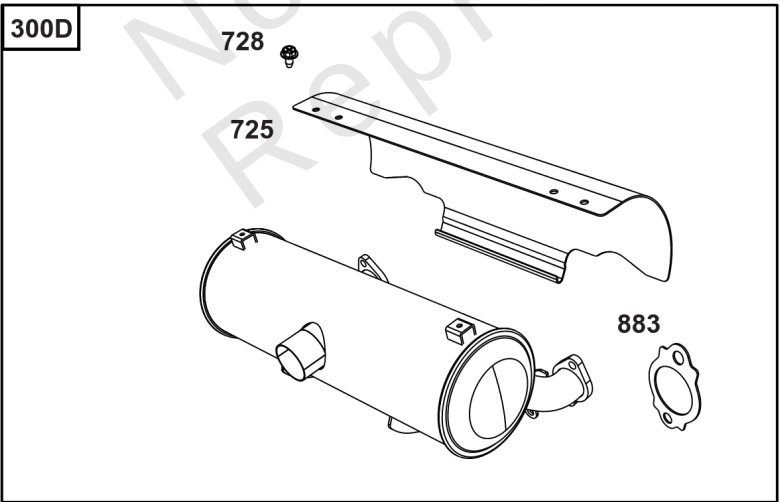
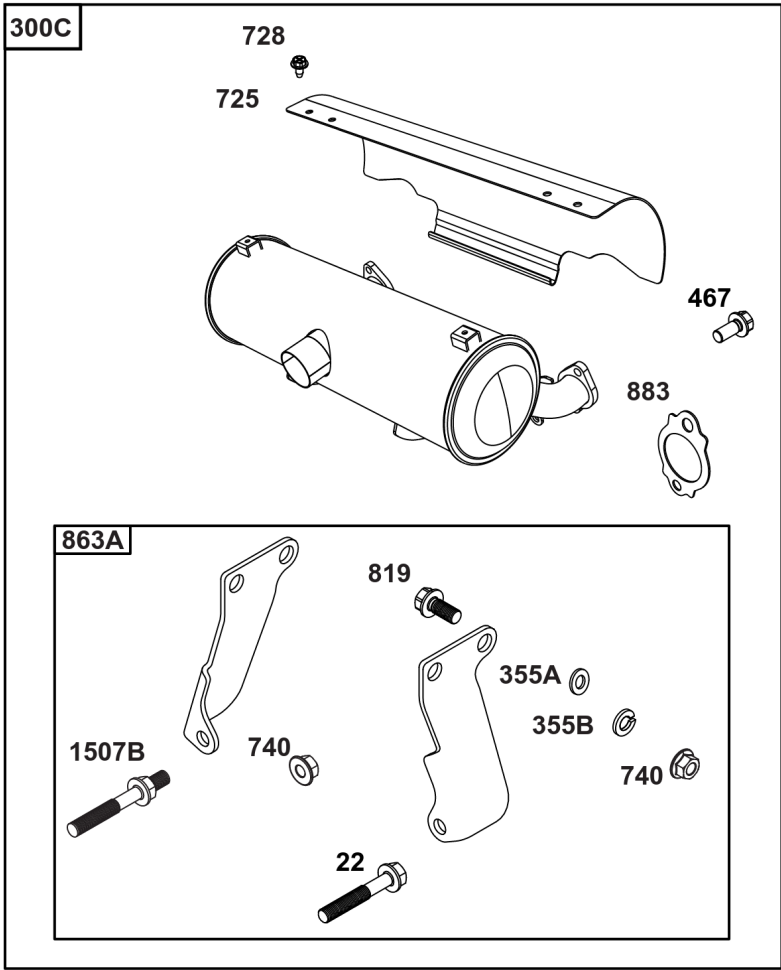
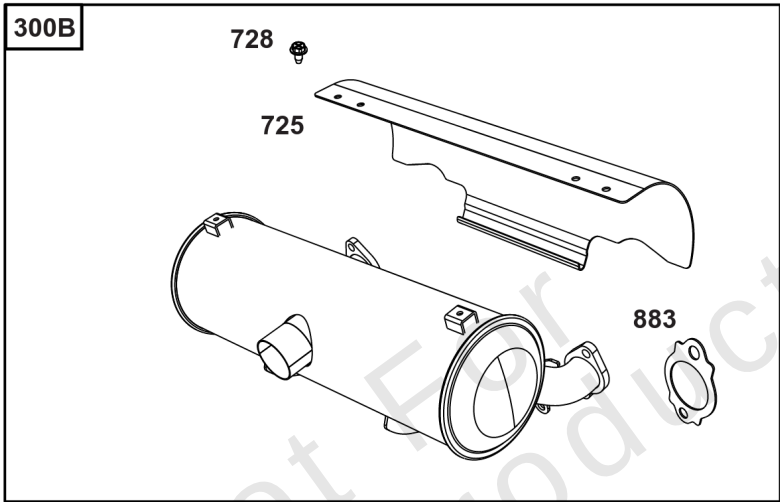
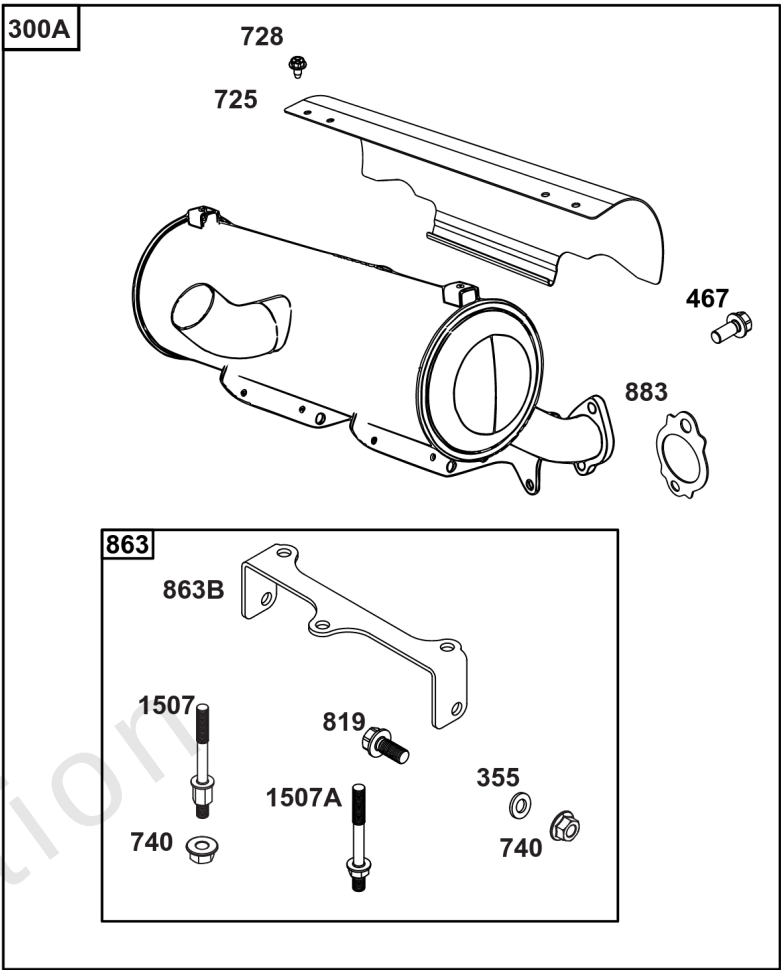
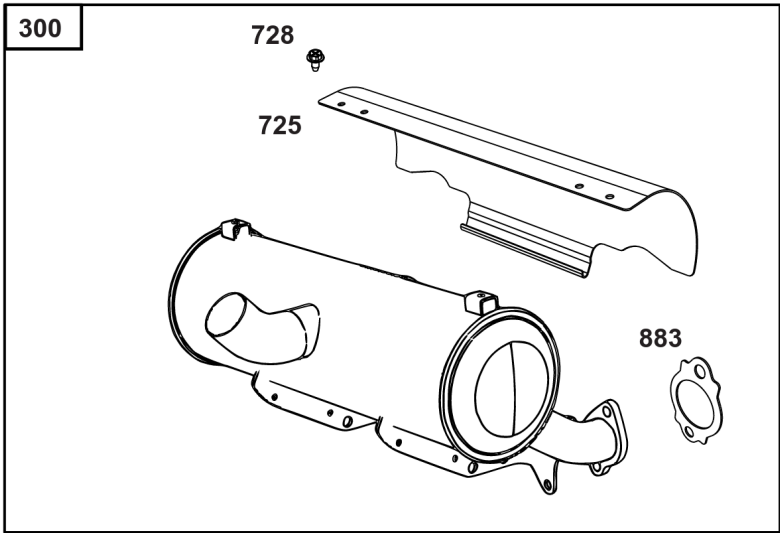
Lubrication

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)



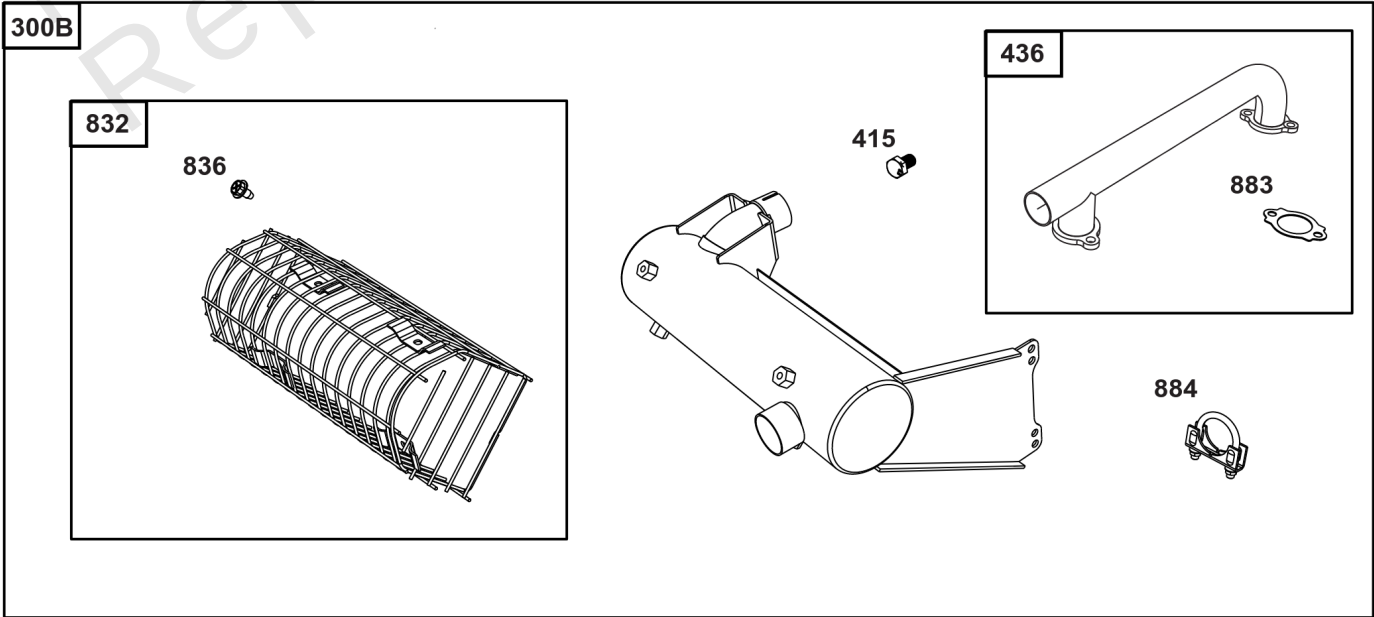
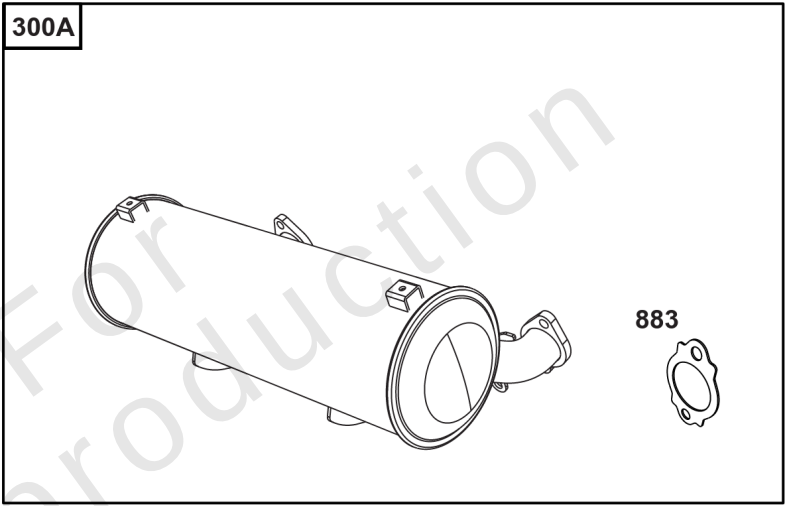
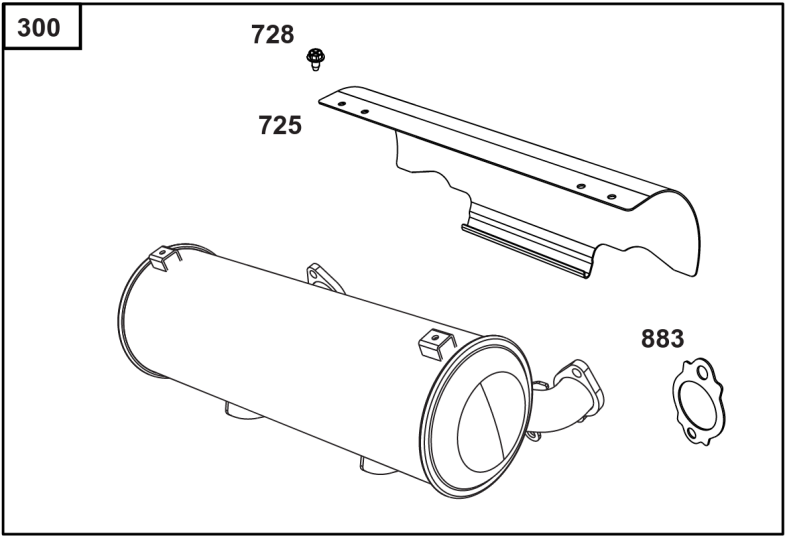
Oil Filter Side Outlet Mufflers

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)



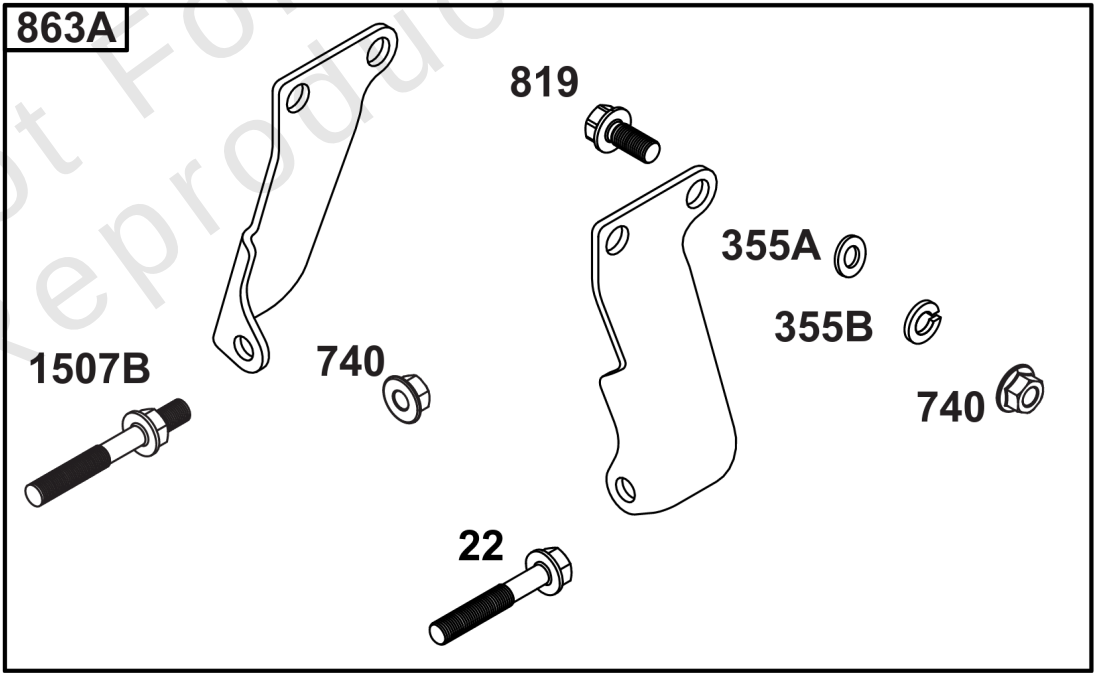
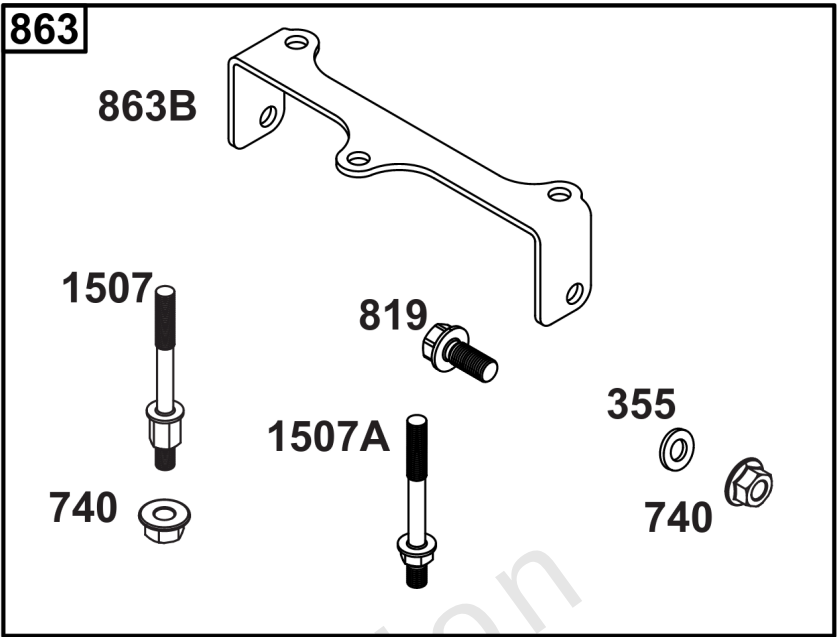
Center Outlet Mufflers

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)



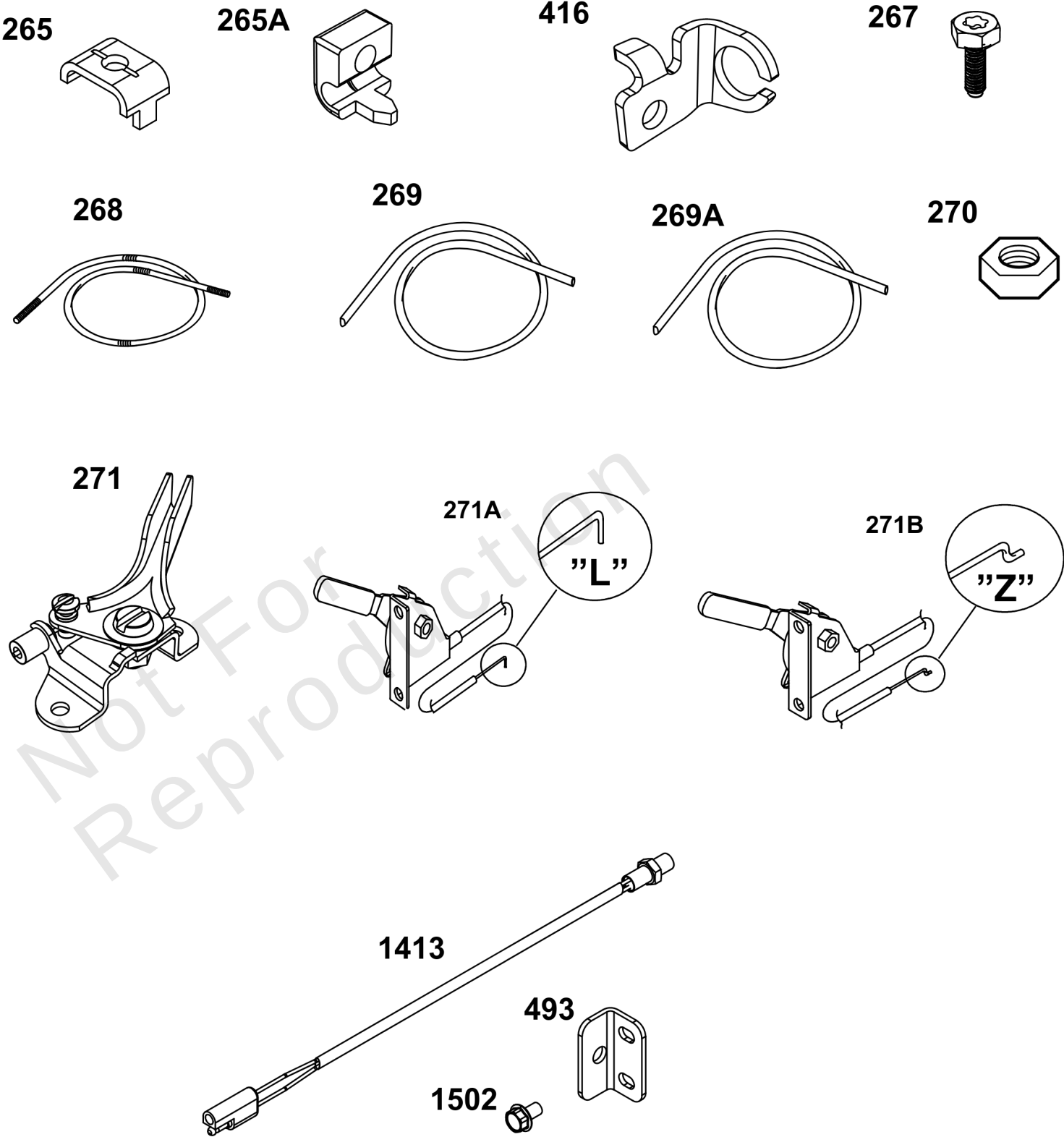
Starter Side Outlet Mufflers

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



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)



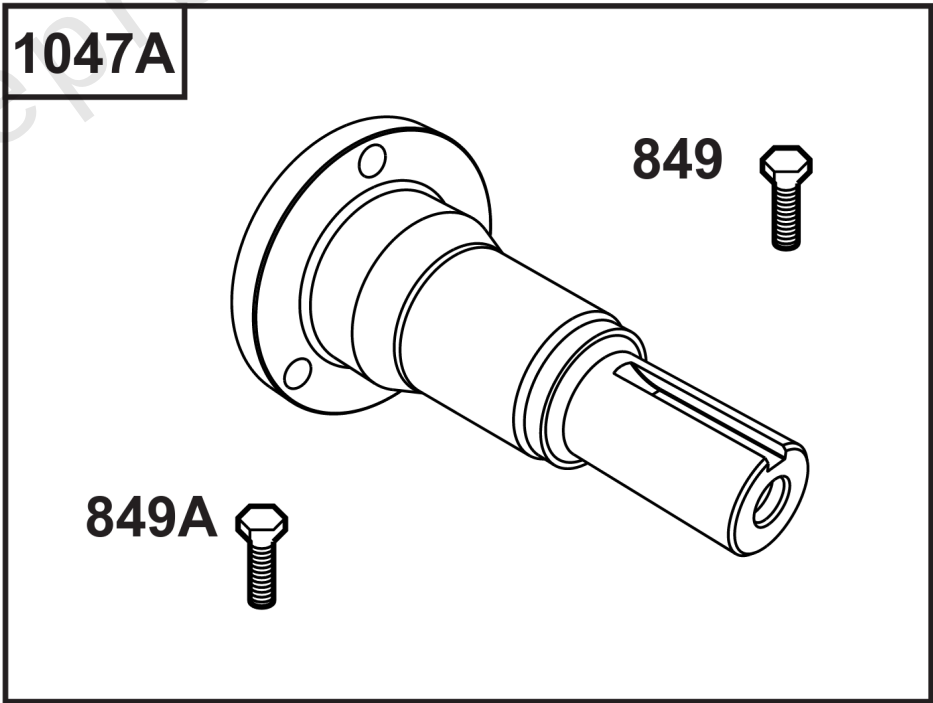
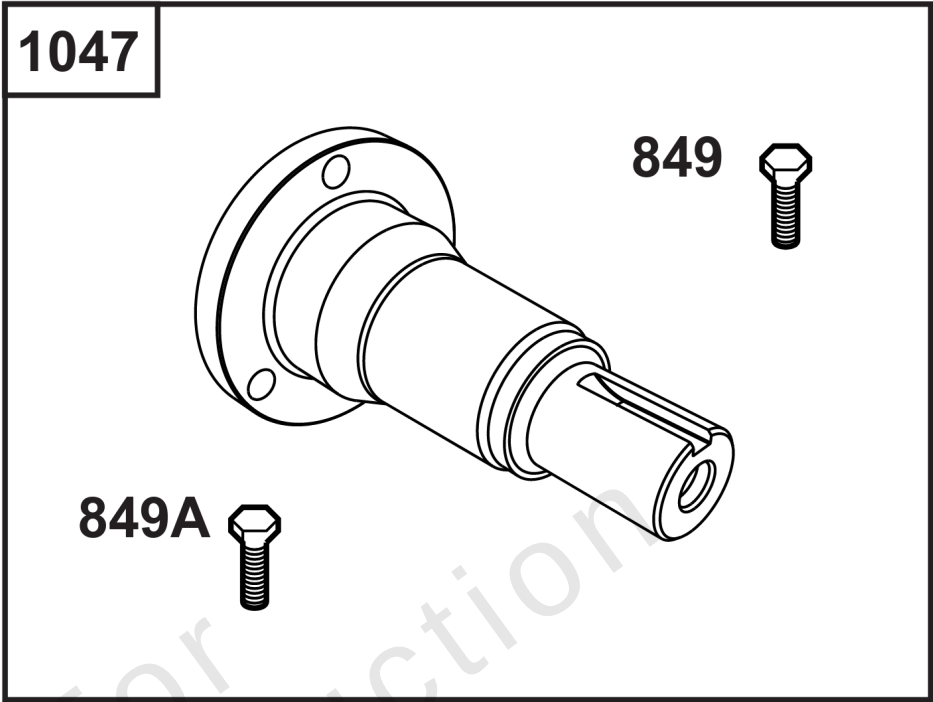
Speed Control

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

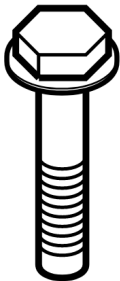
REF NO	PART NO	QTY	DESCRIPTION
330	847476	1	SENSOR, Oxygen -(Extended Length O2 Sensor 23.5")
415	1714480SM	1	PLUG -(Plug for Ignition Switch Removal)
789	809967	1	HARNESS, Wiring -(Wire Harness Extension 8 Pin – 22") (Use with standard key switch 692318 or water/dust resistant key switch 847448)
789A	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)



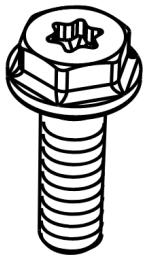
Stub Shafts

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)

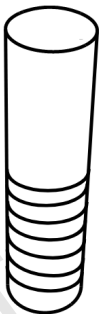
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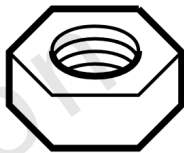
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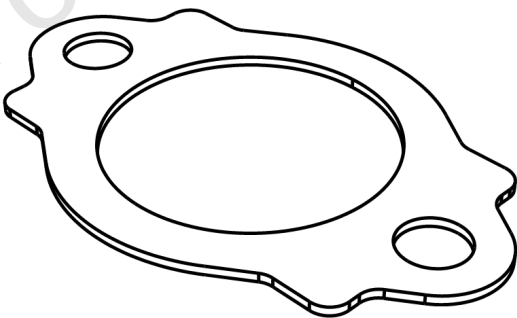
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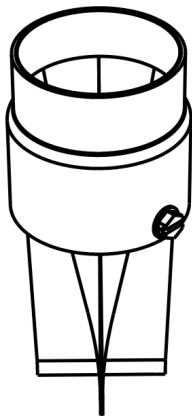
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883



994

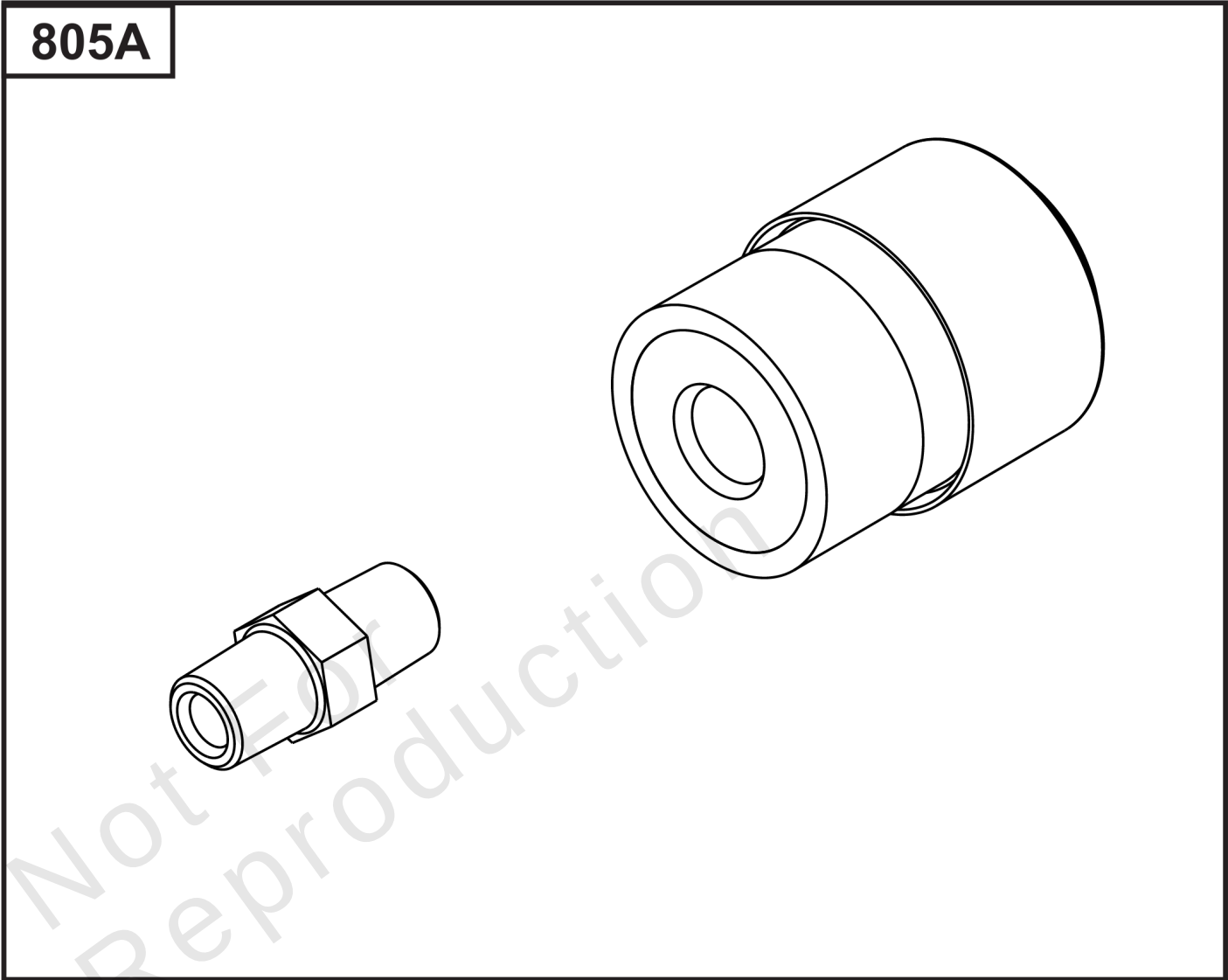


301



Spark Arrester/Deflector

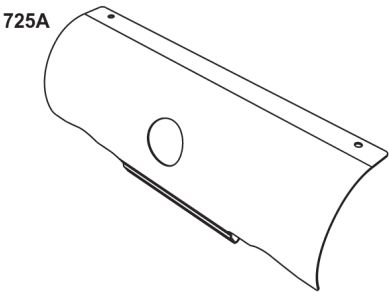
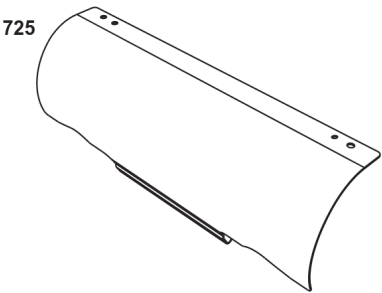
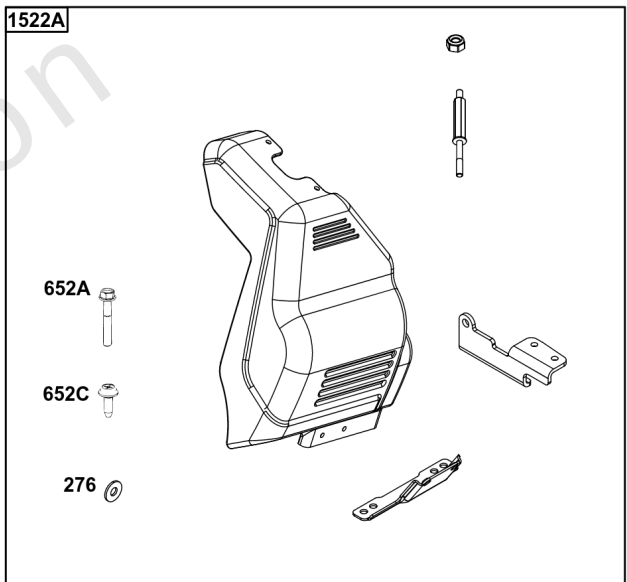
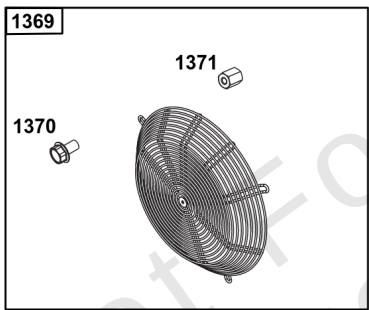
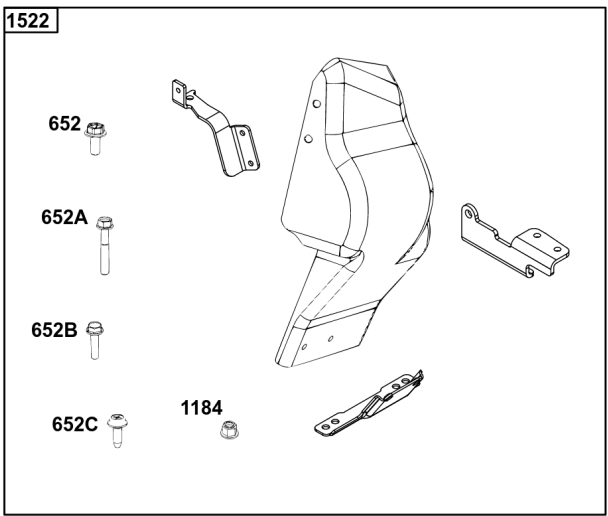
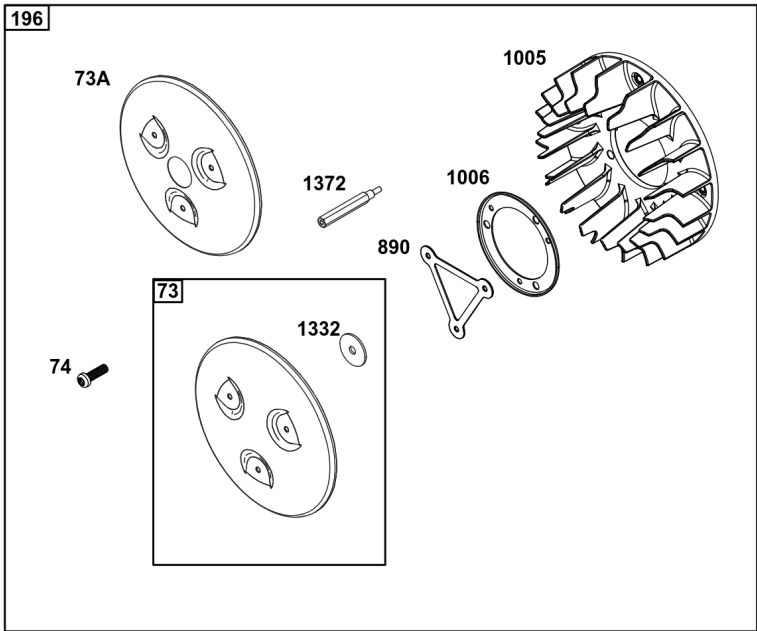
REF NO	PART NO	QTY	DESCRIPTION
151	841185	4	STUD -(4 per engine)
301	841518	1	PIPE, Exhaust -(For 44.7 O.D. muffler outlet pipe) (Requires clamp 843624)
437	809743	4	SCREW -(M8 x 25 for Mounting Mufflers) (4 per engine)
613	692062	4	SCREW -(M8 x 18 for Mounting Mufflers) (4 per engine)
883	809872	2	GASKET, 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)



Air Intake

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

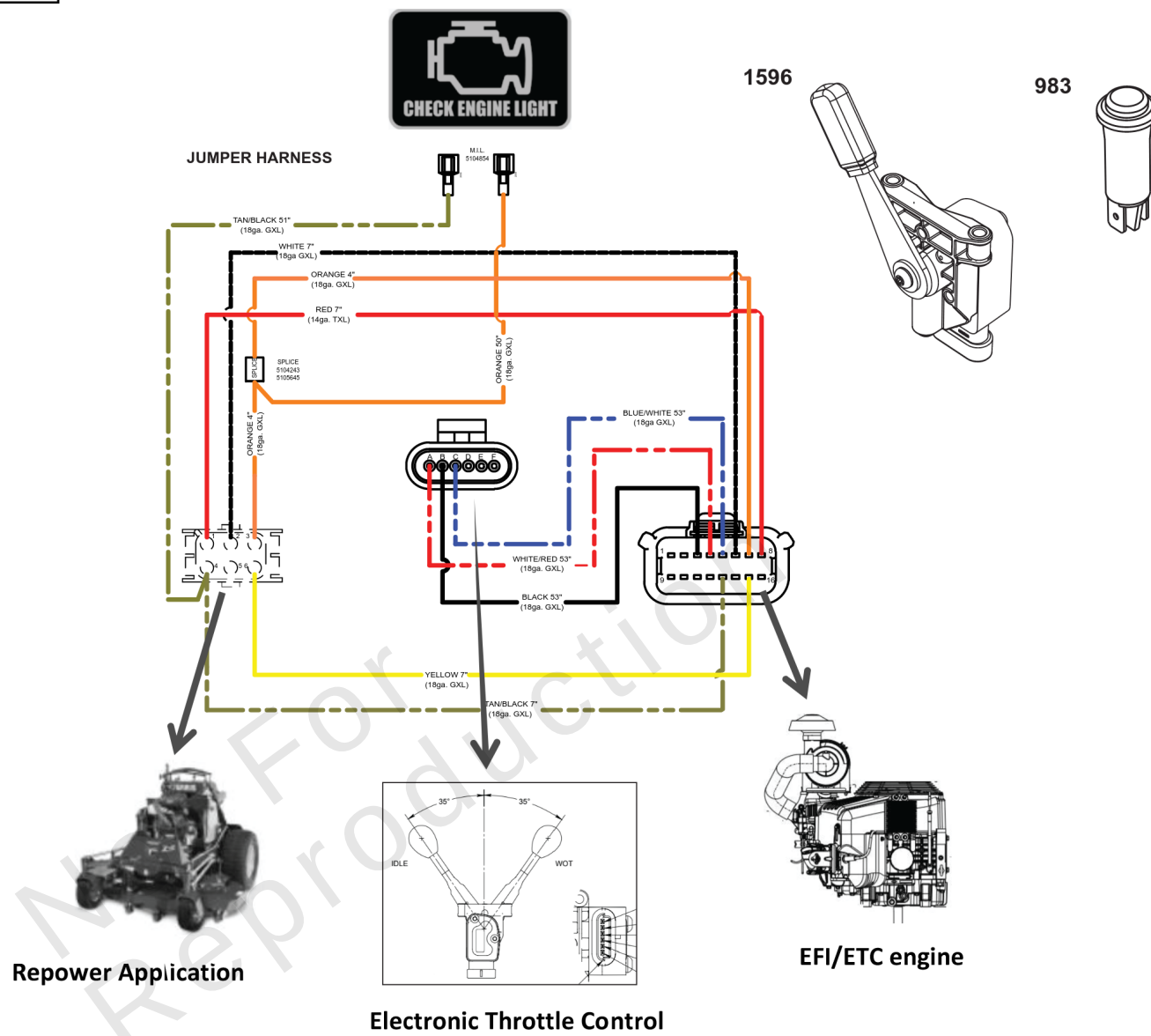
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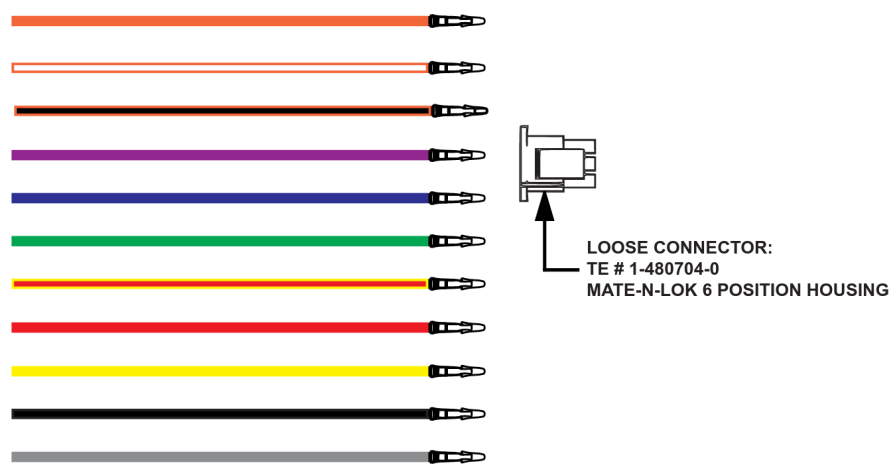
Guarding

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
276	595601	2	WASHER, Sealing
652	807084	1	SCREW
652A	807362	2	SCREW
652B	807421	1	SCREW
652C	692067	6	SCREW
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
1184	690941	2	NUT
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
1522	846510	1	COVER, Wire -(BIG BLOCK™ Horizontals)
1522A	847235	1	COVER, Wire -(BIG BLOCK™ Horizontals)

1623



578



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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