

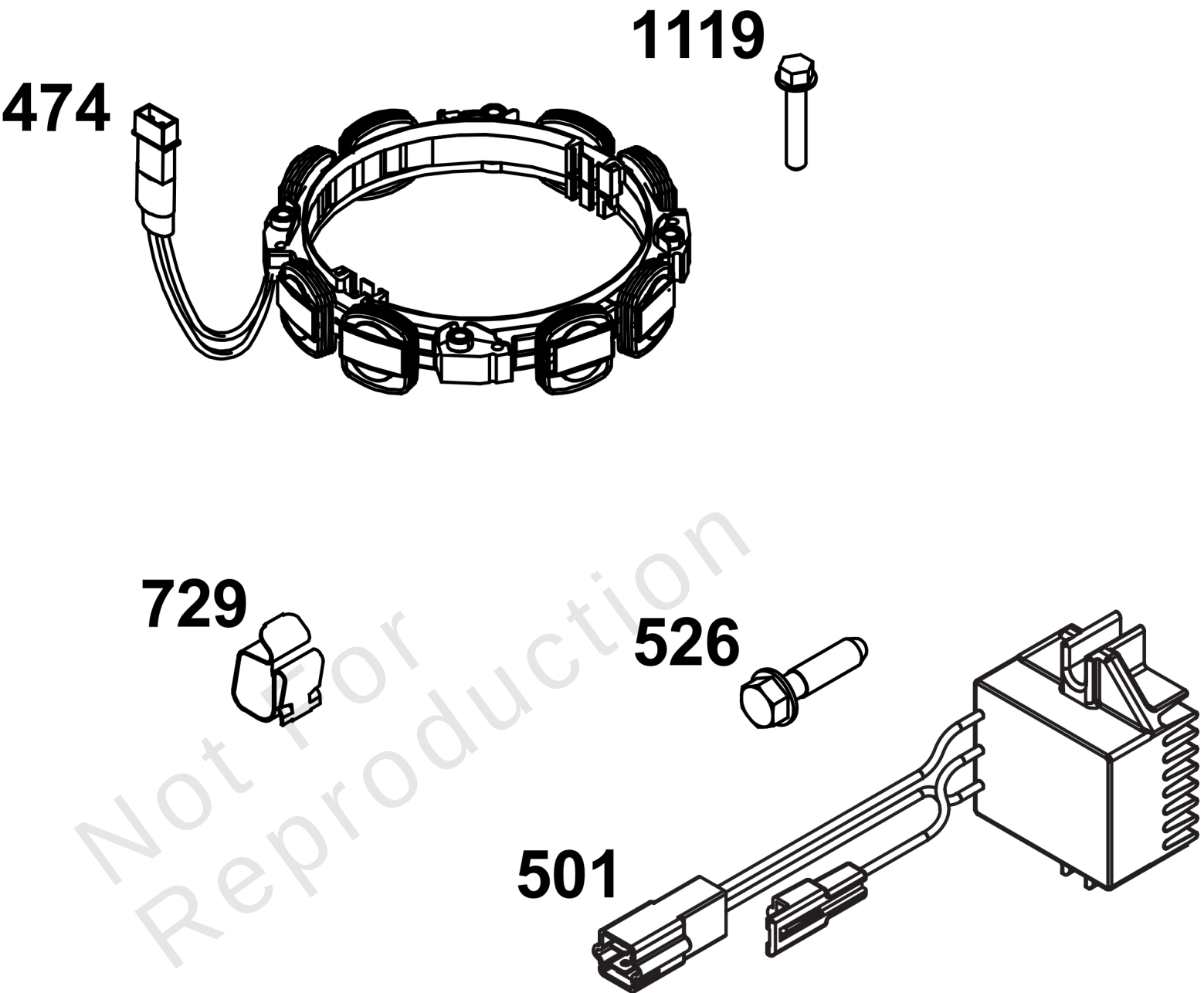


Parts Manual

Mfg. No: 49X977-0003-G1



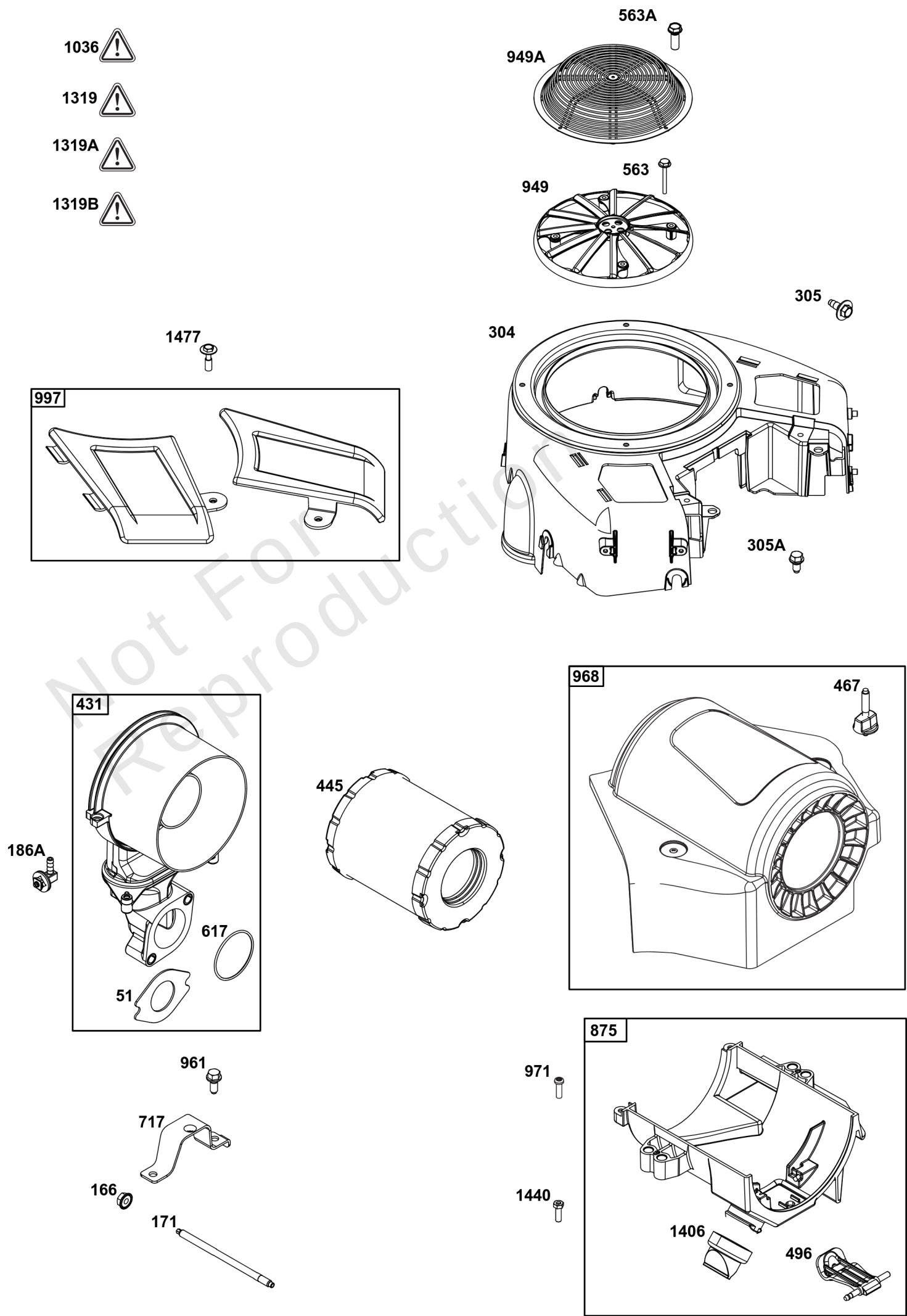
Model Components	Page
Alternator Group.	4
Blower Housing and Air Cleaner Group.	6
Controls Group.	8
Crankcase Cover/Sump Group.	10
Crankshaft Group.	12
Cylinder Group.	14
Cylinder Head Group.	16
Flywheel, Ignition, and Starter Group.	18
Lubrication Group.	20
Throttle Body and Fuel Supply Group.	22
Model 40, 44 & 49 Engine Accessories Catalog.	24
Maintenance Kits.	25
Engine Mounted Below Deck Mufflers.	27
Engine Mounted Above Deck Mufflers.	29
Spark Arrester/Deflector.	31
Lubrication.	33
Implement Mounted Above Deck Mufflers.	35
Exhaust/Muffler Configurations.	37



Alternator Group

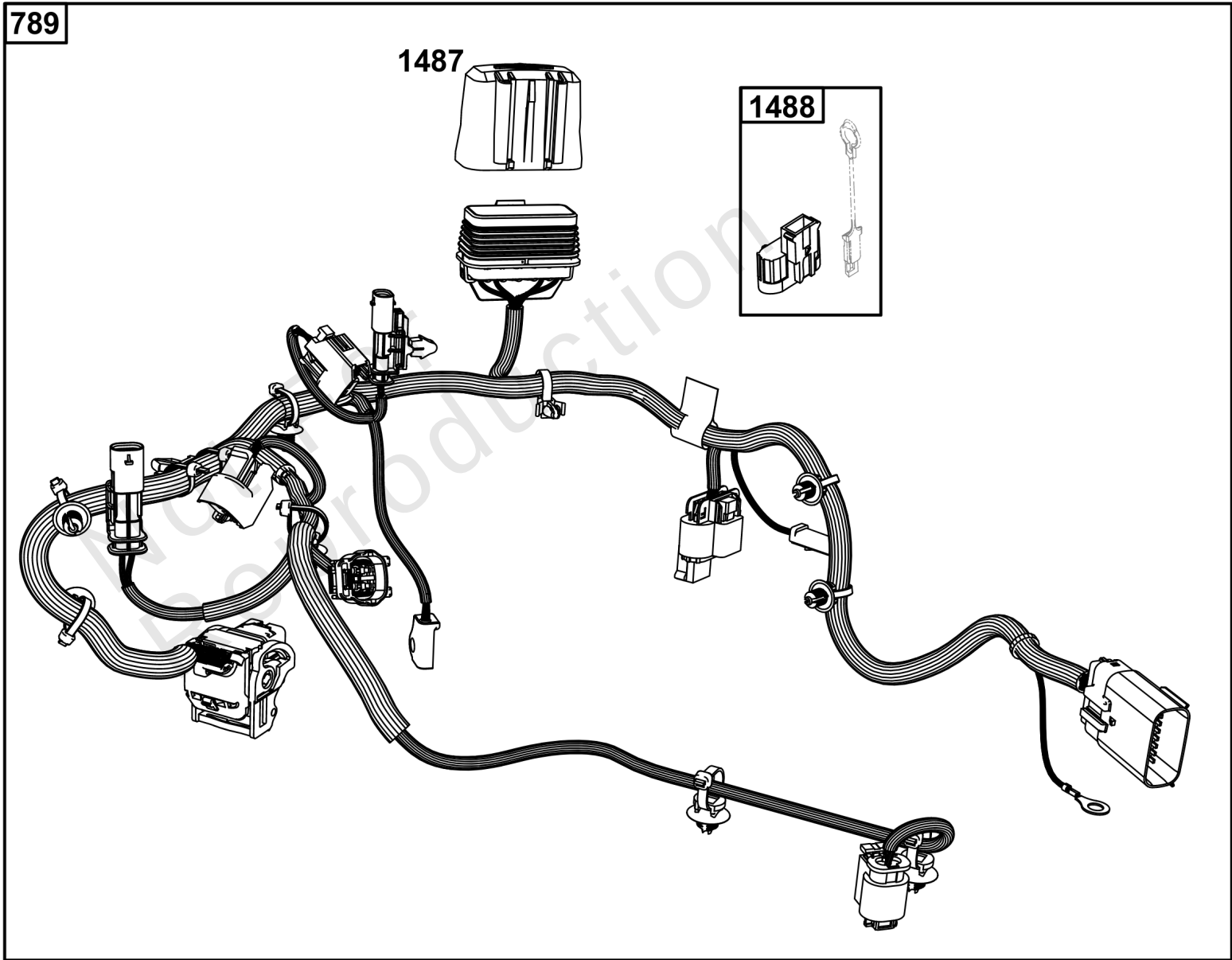
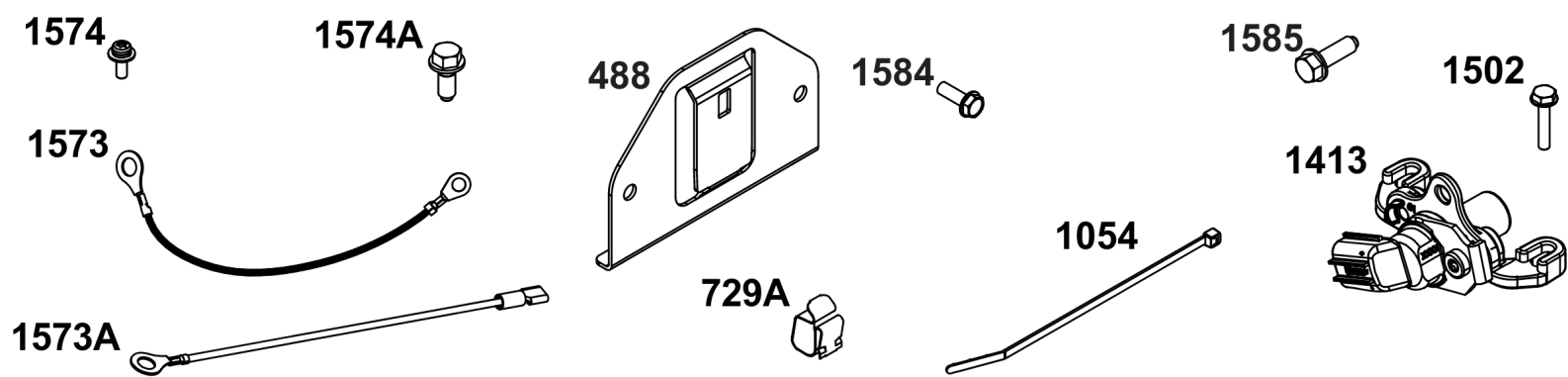
REF NO	PART NO	QTY	DESCRIPTION
474	592830	1	ALTERNATOR
501	593490	1	REGULATOR
526	691108	2	SCREW -(Regulator)
729	593826	1	CLIP, Wire
1119	691183	4	SCREW -(Alternator)

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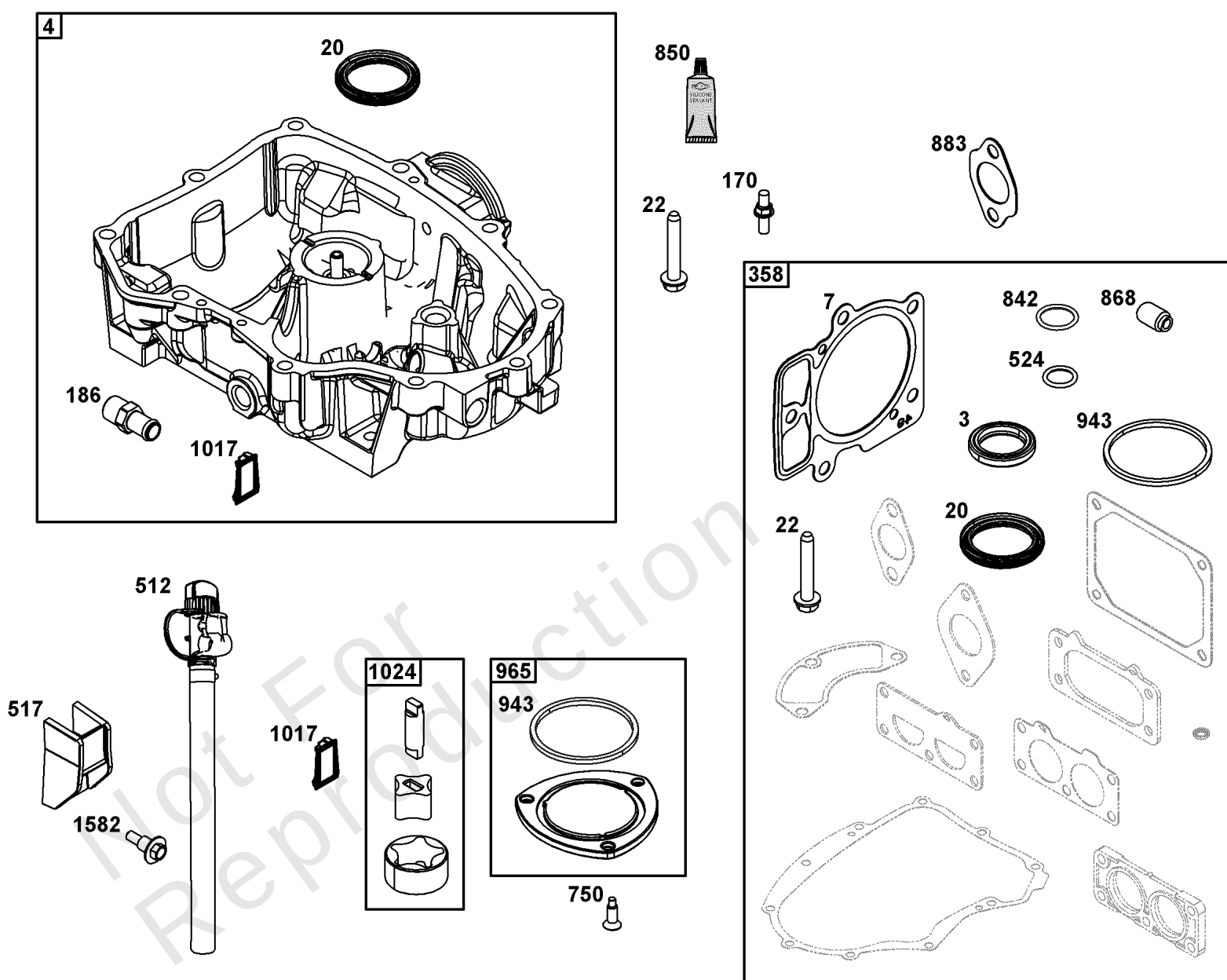
Blower Housing and Air Cleaner Group

REF NO	PART NO	QTY	DESCRIPTION
51	-----	2	GASKET, Intake -(Part information located in Cylinder Head Group.)
166	84004545	2	STUD -(Air Cleaner)
171	690958	2	NUT -(Air Cleaner)
186A	845141	1	CONNECTOR, Hose
304	595600	1	HOUSING, Blower
305	594618	5	SCREW -(Blower Housing)
305A	557049	4	SCREW -(Blower Housing)
431	84003938	1	ELBOW, Intake
445	798897	1	FILTER, A/C Cartridge
467	790697	2	KNOB, Air Cleaner Cover
496	799095	1	LEVER, Air Cleaner Filter
563	698425	4	SCREW -(Debris Screen Guard)
563A	597574	4	SCREW
617	-----	2	SEAL, O-Ring -(Part information located in Cylinder Head Group.)
717	84004546	1	BRACKET, AIR CLEANER
875	799094	1	BASE, Air Cleaner
949	593206	1	GUARD, Debris Screen
949A	597573	1	GUARD, Debris Screen
961	691108	2	SCREW -(Air Cleaner Bracket)
968	799102	1	COVER, Air Cleaner
971	698304	2	SCREW -(Air Cleaner Base to Carburetor/Throttle Body)
997	592782	1	COVER, Blower Housing
1036	-----	1	LABEL, Emissions -(Available from a Briggs & Stratton Authorized Dealer)
1319	794467	1	LABEL, Warning -(REQUIRED When Replacing Parts With Warning Labels Affixed)
1319A	797669	1	LABEL, Warning -(REQUIRED When Replacing Parts With Warning Labels Affixed)
1319B	278911GS	1	LABEL, Warning -(REQUIRED When Replacing Parts With Warning Labels Affixed)
1406	799096	1	VALVE, Debris
1440	794904	1	SCREW -(Air Cleaner Base to Intake Elbow)
1477	799093	2	SCREW -(Debris Shield)



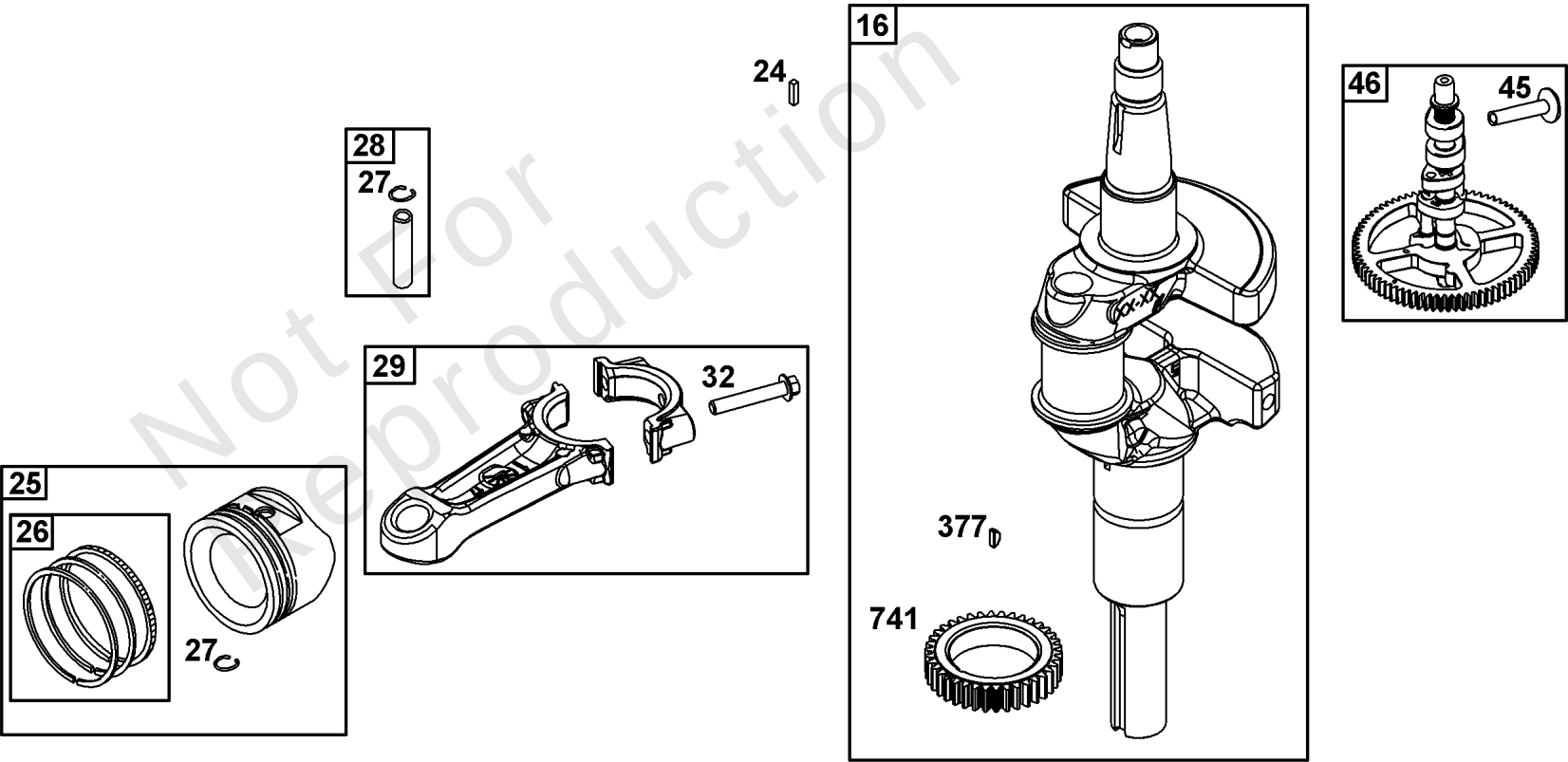
Controls Group

REF NO	PART NO	QTY	DESCRIPTION
488	84004511	1	BRACKET, Fuse
729A	593826	1	CLIP, Wire
789	84003930	1	HARNESS, Wiring
1054	84004748	1	TIE, Cable
1413	593889	1	SENSOR, Speed
1487	84003928	1	COVER, Fuse
1488	593899	1	COVER, Diagnostic
1502	594363	2	SCREW -(Speed Sensor)
1573	84004547	1	WIRE, STOP
1573A	595064	1	WIRE ASSEMBLY
1574	690677	1	SCREW -(Ground Wire)
1574A	691108	1	SCREW -(Ground Wire)
1584	594419	2	SCREW -(Fuse Bracket)
1585	691127	1	SCREW -(Temperature Sensor)



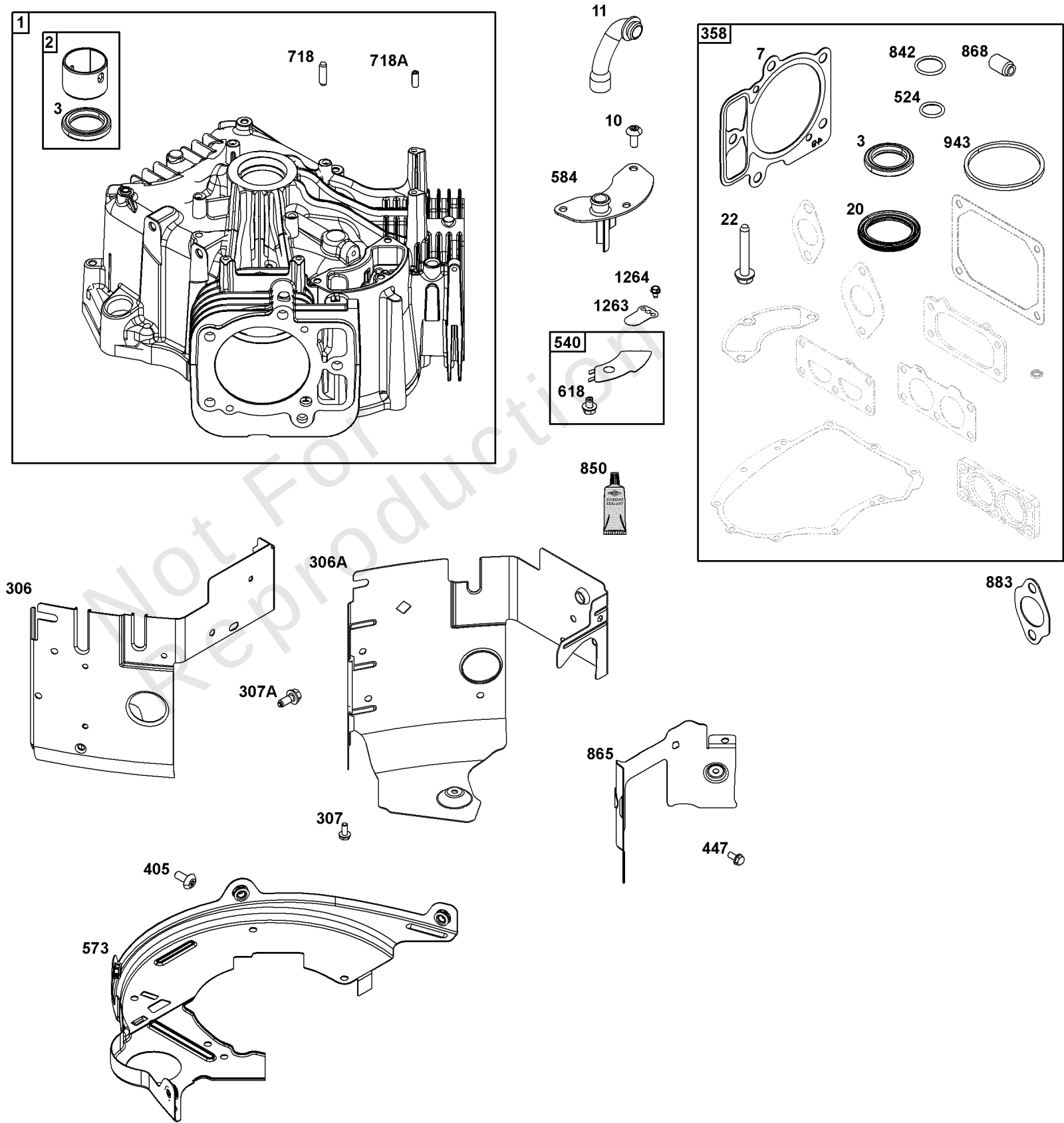
Crankcase Cover/Sump Group

REF NO	PART NO	QTY	DESCRIPTION
3	-----	1	SEAL, Oil -(Part information located in Cylinder Group.)
4	84004576	1	SUMP, Engine
7	-----	2	GASKET, Cylinder Head -(Part information located in Cylinder Head Group.)
20	795387	1	SEAL, Oil -(PTO Side)
22	694966	10	SCREW -(Crankcase Cover/Sump)
170	593903	1	STUD -(Crankcase Cover/Sump)
186	796532	1	CONNECTOR, Hose
358	-----	1	GASKET SET, Engine -(Part information located in Cylinder Group.)
512	-----	1	HOSE, Oil Drain -(Part information located in Lubrication Group.)
517	-----	1	RETAINER, Oil Drain -(Part information located in Lubrication Group.)
524	-----	1	SEAL, O-Ring -(Part information located in Lubrication Group.)
750	-----	3	SCREW -(Part information located in Lubrication Group.)
842	-----	1	SEAL, O-Ring -(Part information located in Lubrication Group.)
850	100106		SEALANT, Liquid
868	-----	2	SEAL, Valve -(Part information located in Cylinder Head Group.)
883	-----	2	GASKET, Exhaust -(Part information located in Cylinder Head Group.)
943	-----	1	SEAL, O-Ring -(Part information located in Lubrication Group.)
965	-----	1	COVER, Oil Pump -(Part information located in Lubrication Group.)
1017	-----	1	SCREEN, Oil Pump -(Part information located in Lubrication Group.)
1024	-----	1	PUMP, Oil -(Part information located in Lubrication Group.)
1582	-----	1	SCREW -(Part information located in Lubrication Group.)



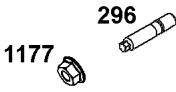
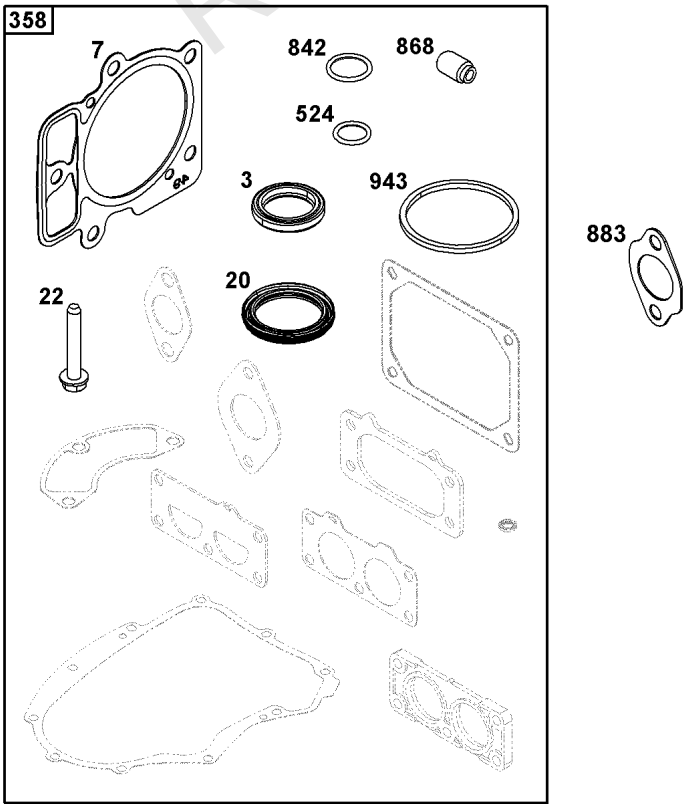
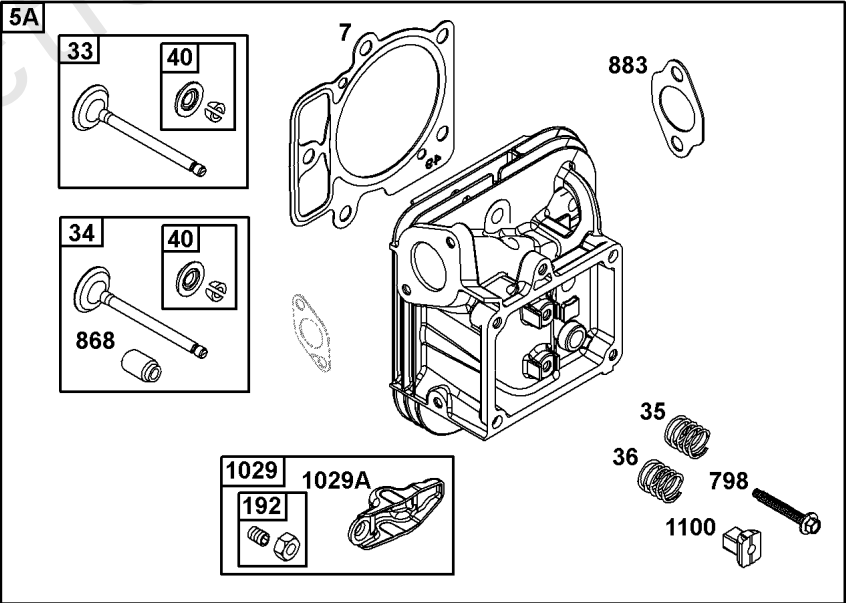
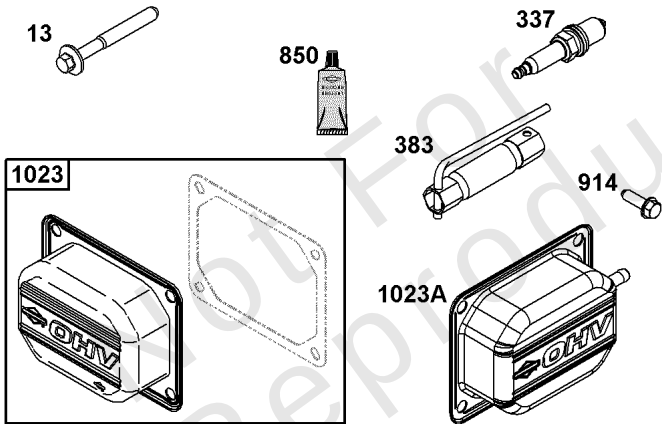
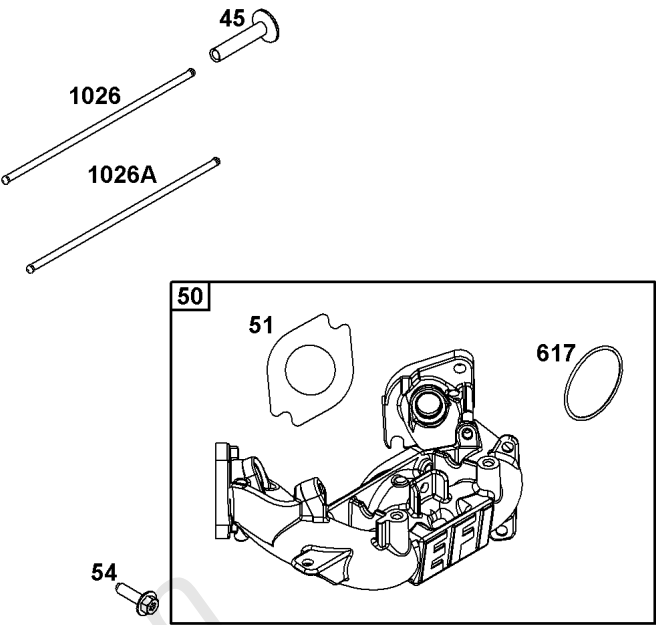
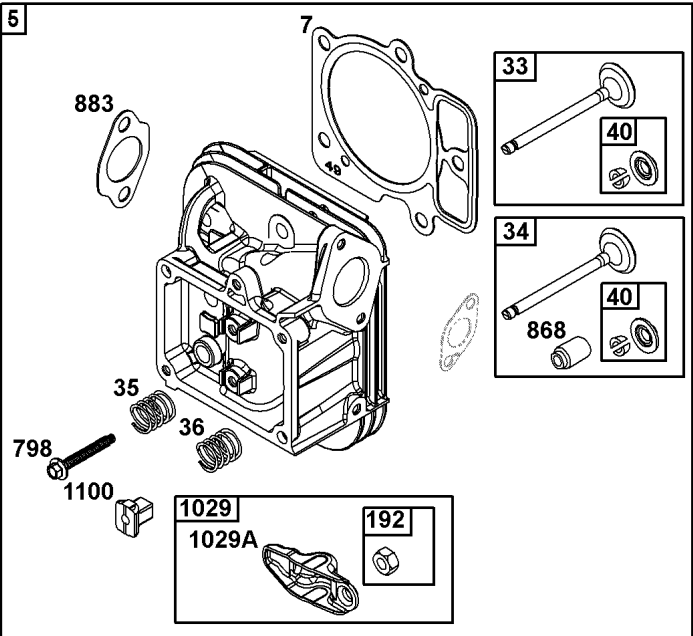
Crankshaft Group

REF NO	PART NO	QTY	DESCRIPTION
16	595731	1	CRANKSHAFT
24	796335	1	KEY, Flywheel
25	595790	2	PISTON ASSEMBLY
25	595791	1	PISTON ASSEMBLY -(.020" Oversize)
26	595792	2	SET, Ring
26	595793	1	SET, Ring -(.020" Oversize)
27	690975	2	LOCK, Piston Pin
28	593650	2	PIN, Piston
29	796209	2	ROD, Connecting
32	690976	4	SCREW -(Connecting Rod)
45	-----	4	TAPPET, Valve -(Part information located in Cylinder Head Group.)
46	84003863	1	CAMSHAFT
377	690979	1	KEY, Woodruff
741	690980	1	GEAR, Timing



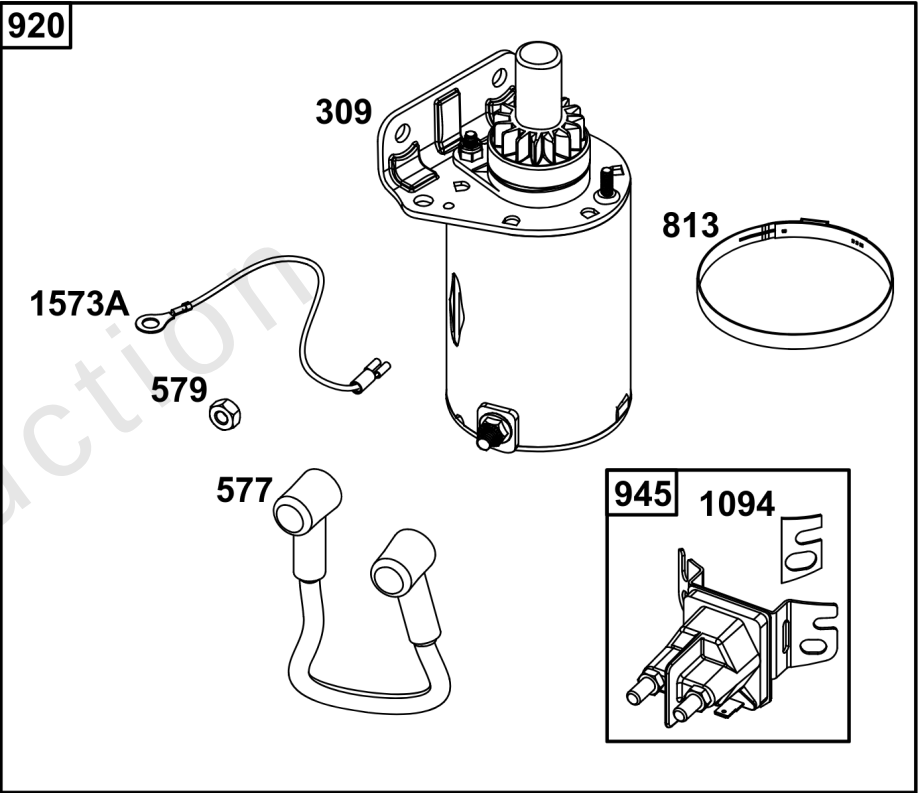
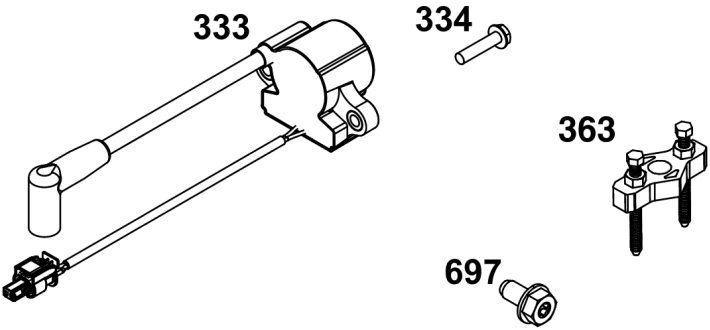
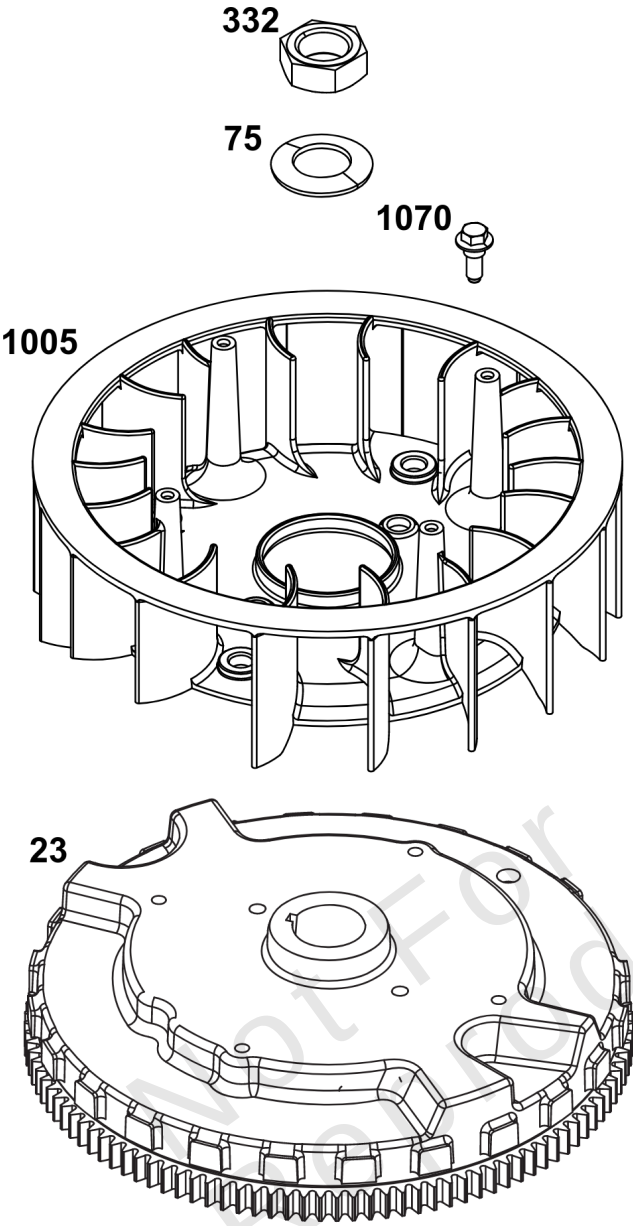
Cylinder Group

REF NO	PART NO	QTY	DESCRIPTION
1	84003813	1	CYLINDER ASSEMBLY
2	797673	1	KIT, Bushing/Seal -(Magneto Side)
3	391086S	1	SEAL, Oil -(Magneto Side)
7	-----	2	GASKET, Cylinder Head -(Part information located in Cylinder Head Group.)
10	594937	3	SCREW -(Breather Assembly)
11	84006260	1	TUBE, Breather
20	-----	1	SEAL, Oil -(Part information located in Crankcase Cover/Sump Group.)
22	-----	10	SCREW -(Part information located in Crankcase Cover/Sump Group.)
306	84004553	1	SHIELD, CYLINDER
306A	84004554	1	SHIELD, CYLINDER
307	691003	2	SCREW -(Cylinder Shield)
307A	691108	1	SCREW -(Cylinder Shield)
358	798753	1	GASKET SET, Engine -(Service Kits may include extra parts not specific to this engine.)
405	594937	4	SCREW -(Back Plate)
447	691003	2	SCREW -(Air Guide Cover)
524	-----	1	SEAL, O-Ring -(Part information located in Lubrication Group.)
540	594325	1	PLATE, Baffle
573	594902	1	PLATE, Back
584	84006259	1	COVER, Breather Passage
618	594326	1	SCREW -(Baffle Plate)
718	690959	6	PIN, Locating
718A	594988	1	PIN, Locating
842	-----	1	SEAL, O-Ring -(Part information located in Lubrication Group.)
850	-----		SEALANT, Liquid -(Part information located in Crankcase Cover/Sump Group.)
865	84004495	1	COVER, AIR GUIDE
868	-----	2	SEAL, Valve -(Part information located in Cylinder Head Group.)
883	-----	2	GASKET, Exhaust -(Part information located in Cylinder Head Group.)
943	-----	1	SEAL, O-Ring -(Part information located in Lubrication Group.)
1263	594166	1	REED, Breather
1264	594165	1	SCREW -(Breather Reed)



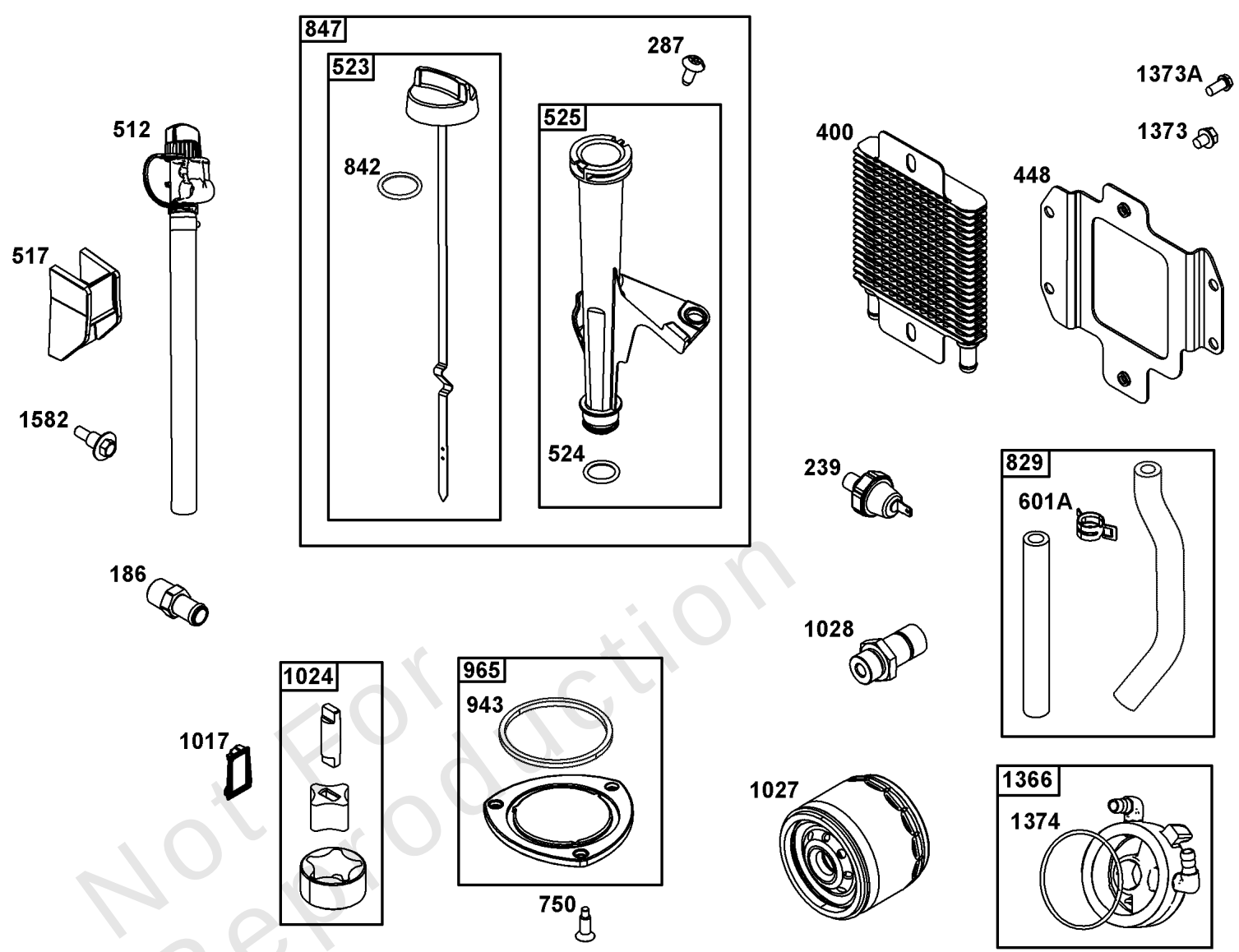
Cylinder Head Group

REF NO	PART NO	QTY	DESCRIPTION
3	-----	1	SEAL, Oil -(Part information located in Cylinder Group.)
5	84005265	1	HEAD, CYLINDER
5A	84005266	1	HEAD, CYLINDER
7	796851	2	GASKET, Cylinder Head
13	592244	10	SCREW -(Cylinder Head)
20	-----	1	SEAL, Oil -(Part information located in Crankcase Cover/Sump Group.)
22	-----	10	SCREW -(Part information located in Crankcase Cover/Sump Group.)
33	793557	2	VALVE, Exhaust
34	793556	2	VALVE, Intake
35	694865	2	SPRING, Valve -(Intake)
36	694865	2	SPRING, Valve -(Exhaust)
40	499586	4	KEEPER, Valve
45	690977	4	TAPPET, Valve
50	84003862	1	MANIFOLD, INTAKE
51	84004555	2	GASKET, INTAKE
54	699816	4	SCREW -(Intake Manifold)
192	84005276	2	ADJUSTER, Rocker Arm
296	591756	4	STUD -(Muffler)
337	792015	2	PLUG, Spark
358	-----	1	GASKET SET, Engine -(Part information located in Cylinder Group.)
383	19576S	1	WRENCH, Spark Plug
524	-----	1	SEAL, O-Ring -(Part information located in Lubrication Group.)
617	84003965	2	SEAL, O-Ring -(Intake Manifold)
798	697890	4	SCREW -(Rocker Arm)
842	-----	1	SEAL, O-Ring -(Part information located in Lubrication Group.)
850	-----	10.5	SEALANT, Liquid -(Part information located in Crankcase Cover/Sump Group.)
868	794086	2	SEAL, Valve
883	594365	2	GASKET, Exhaust
914	691127	8	SCREW -(Rocker Cover)
943	-----	1	SEAL, O-Ring -(Part information located in Lubrication Group.)
1023	499600	1	COVER, Rocker
1023A	84004496	1	COVER, ROCKER
1026	597785	2	ROD, Push
1026A	690982	2	ROD, Push
1029	690972	4	ARM, Rocker
1029A	807323	1	ARM, Rocker
1100	791959	4	PIVOT, Rocker Arm
1177	690941	4	NUT -(Muffler)



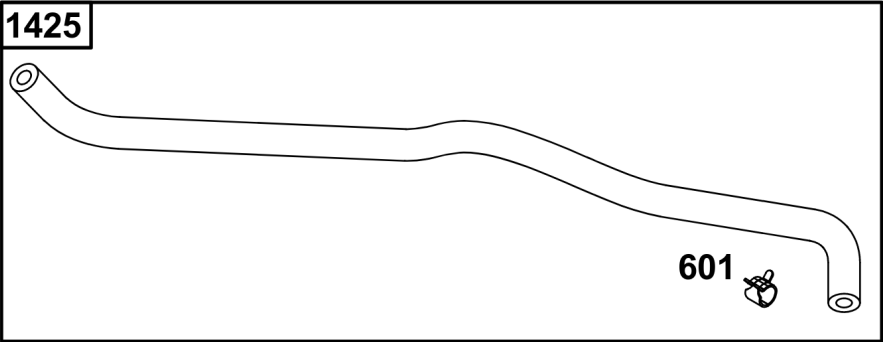
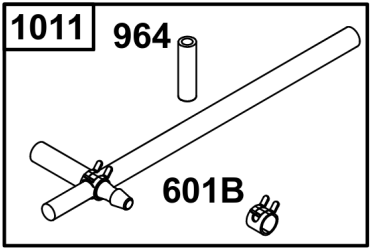
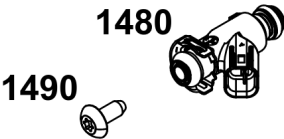
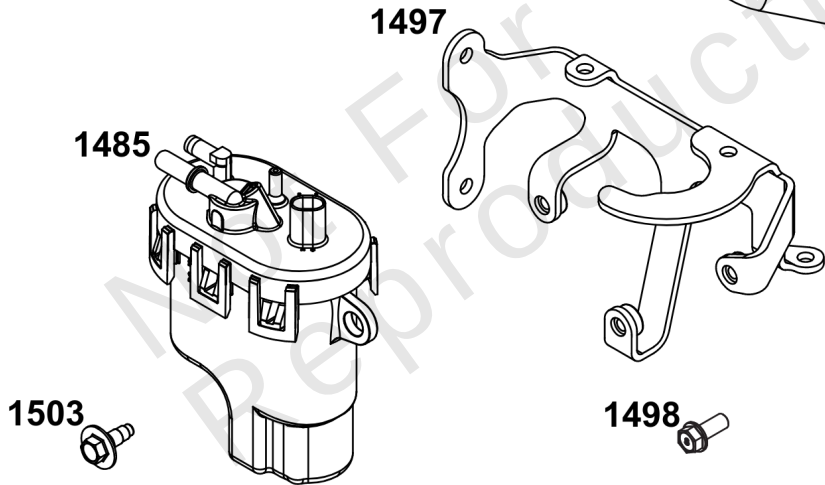
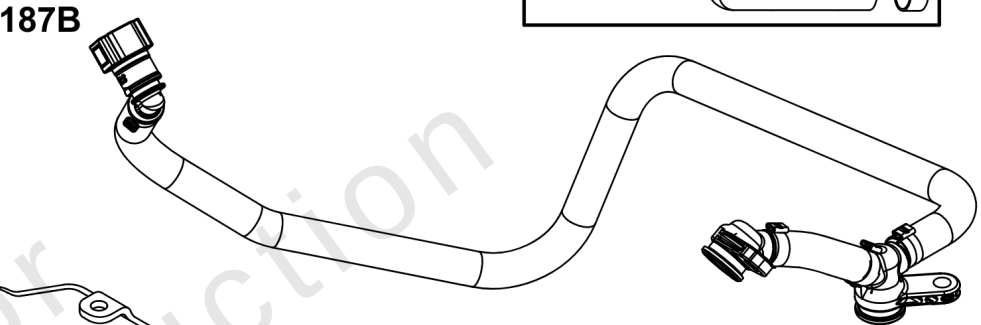
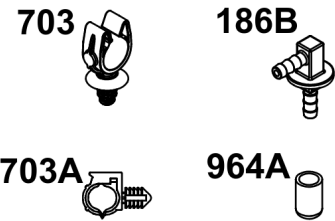
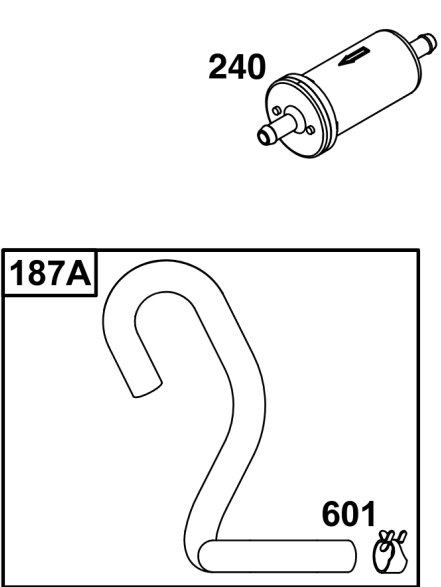
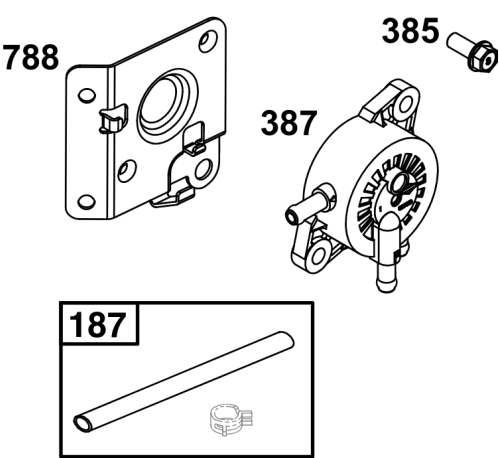
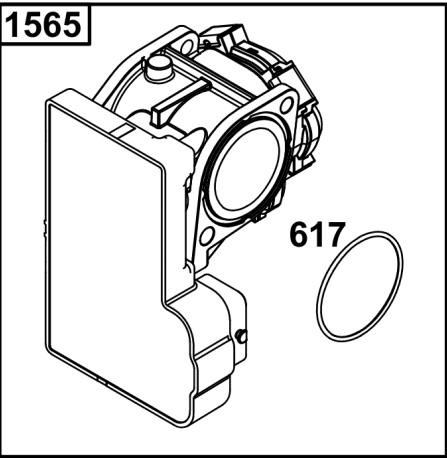
Flywheel, Ignition, and Starter Group

REF NO	PART NO	QTY	DESCRIPTION
23	84007415	1	FLYWHEEL
75	691056	1	WASHER -(Flywheel)
309	590476	1	MOTOR, Starter
332	691059	1	NUT -(Flywheel)
333	84004106	2	ARMATURE, MAGNETO
334	593848	4	SCREW -(Magneto Armature)
363	19621	1	PULLER, Flywheel
577	690795	1	CABLE, Starter
579	691029	2	NUT -(Starter Cable)
697	591909	2	SCREW -(Starter Motor) (Drive Cap)
813	595087	1	CLAMP
920	84004567	1	MOTOR, STARTER
945	595150	1	SOLENOID, Starter
1005	593640	1	FAN, Flywheel
1070	593638	4	SCREW -(Flywheel Fan)
1094	595170	2	PAD, Solenoid
1573A	-----	1	WIRE, Ground -(Part information located in Controls Group.)



Lubrication Group

REF NO	PART NO	QTY	DESCRIPTION
186	-----	1	CONNECTOR, Hose -(Part information located in Crankcase Cover/Sump Group.)
239	697049	1	SWITCH, Oil Pressure
287	697820	1	SCREW -(Dipstick Tube)
400	796862	1	COOLER, Oil
448	593631	1	BRACKET, Oil Cooler
512	84003931	1	HOSE, Oil Drain
517	593633	1	RETAINER, Oil Drain
523	594528	1	DIPSTICK
524	691032	1	SEAL, O-Ring -(Dipstick Tube)
525	597129	1	TUBE, Dipstick
601A	841597	4	CLAMP, Hose
750	796208	3	SCREW -(Oil Pump Cover)
829	593845	1	HOSE, Oil Cooler
842	691031	1	SEAL, O-Ring -(Dipstick Cap)
847	597130	1	DIPSTICK/TUBE ASSEMBLY
943	796222	1	SEAL, O-Ring -(Oil Pump Cover)
965	796221	1	COVER, Oil Pump
1017	796214	1	SCREEN, Oil Pump
1024	796220	1	PUMP, Oil
1027	696854	1	FILTER, Oil
1028	796864	1	ADAPTER, Oil Filter
1366	799131	1	DIVERTER, Oil Cooler
1373	695629	2	SCREW -(Oil Cooler Bracket)
1373A	799105	4	SCREW -(Oil Cooler Bracket)
1374	796863	1	SEAL, O-Ring -(Oil Cooler Diverter)
1582	593634	1	SCREW -(Oil Drain Retainer)



Throttle Body and Fuel Supply Group

REF NO	PART NO	QTY	DESCRIPTION
186B	594428	1	CONNECTOR, Hose
187	791766	1	LINE, Fuel
187A	84004549	1	LINE, FUEL
187B	84003861	1	LINE, FUEL
240	845125	1	FILTER, Fuel
385	690297	2	SCREW -(Fuel Pump)
387	597338	1	PUMP, Fuel
601	691038	4	CLAMP, Hose
601B	593879	1	CLAMP, Hose
617	-----	2	SEAL, O-Ring -(Part information located in Cylinder Head Group.)
703	84004552	3	CLIP
703A	592584	1	CLIP
788	84004526	1	BRACKET, FUEL PUMP
964	799159	1	CAP, Connector
964A	590799	1	CAP, Connector
1011	84004550	1	TUBE/CONNECTOR ASSEMBLY
1425	84004551	1	HOSE/CLAMP ASSEMBLY
1480	84004544	2	INJECTOR, Fuel
1485	593890	1	MODULE, Fuel
1490	697820	2	SCREW -(Fuel Injector)
1497	84004513	1	BRACKET, Fuel Module
1498	690297	1	SCREW -(Fuel Module Bracket)
1503	594618	3	SCREW -(Fuel Module)
1565	84006022	1	CONTROL, Electronic Throttle



Model 40, 44 & 49 Engine Accessories Catalog

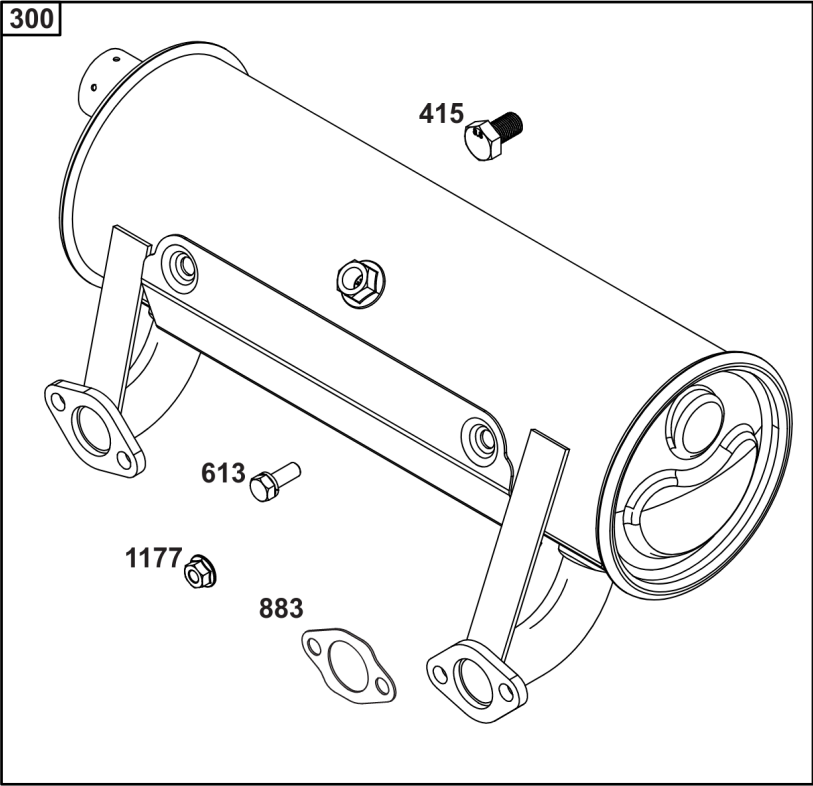




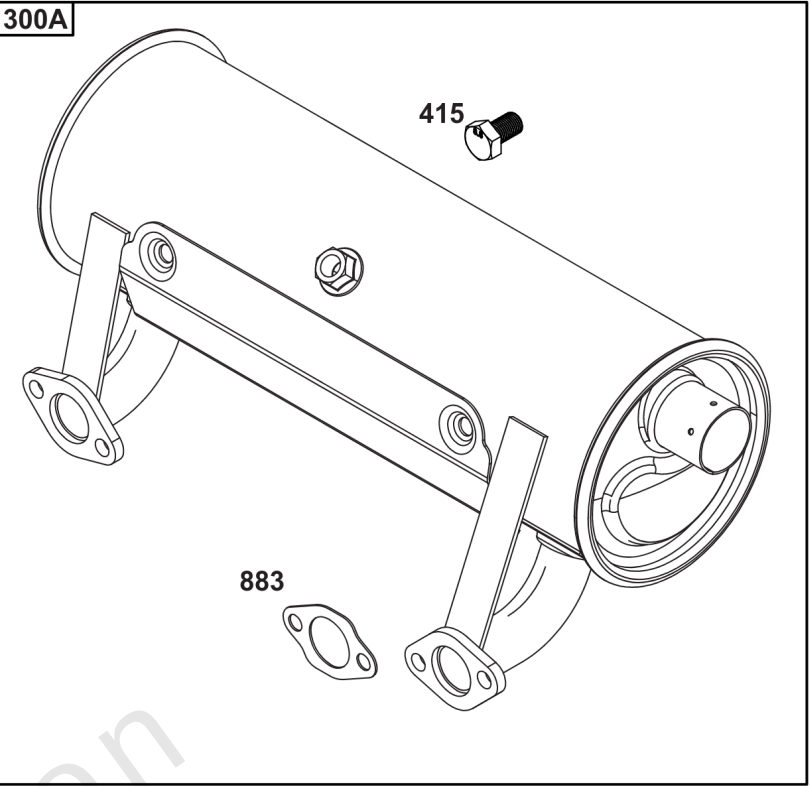
Maintenance Kits

REF NO	PART NO	QTY	DESCRIPTION
9000	84002442		KIT, Maintenance -(Intek / EXi V-Twin Engines) (Do not use with Home Standby Generators.)
9000A	84002317		KIT, Maintenance -(Professional Series™ V-Twin Engines) (Do not use with Home Standby Generators.)
9000B	84002316		KIT, Maintenance -(Commercial Series V-Twin Engines) (Do not use with Home Standby Generators.)
9000C	84002318		KIT, Maintenance -(Oil Guard™ Engines) (Do not use with Home Standby Generators.)
9000D	84002315		KIT, Maintenance -(Non-Oil Guard™ Engines) (Do not use with Home Standby Generators.)
240	84001895	1	FILTER, Fuel -(40 Micron)
240A	845125	1	FILTER, Fuel -(20 Micron)
337	491055S	2	PLUG, Spark
445	594201	1	FILTER, A/C Cartridge
445A	792105	1	FILTER, A/C Cartridge
445B	798897	1	FILTER, A/C Cartridge
445C	841497	1	FILTER, A/C Cartridge
967	797704	1	FILTER, Pre Cleaner
1027	492932S	1	FILTER, Oil -(Standard)
1027A	696854	1	FILTER, Oil -(Premium)
1027B	842921	1	FILTER, Oil -(Vanguard®)
1027C	84007094	1	FILTER, Oil -(Oil Guard™)
1505	100005		OIL-4 CYCLE 30W 18OZ. -(18 oz. Bottle)
1505A	100028		OIL-4 CYCLE 30W 48OZ -(48 oz. Bottle)
1505B	100170		OIL-5QT VANGUARD (CASE) -(5 qt. Bottle)
1505C	100169		OIL-1QT VANGUARD (CASE) -(1 qt. Bottle)

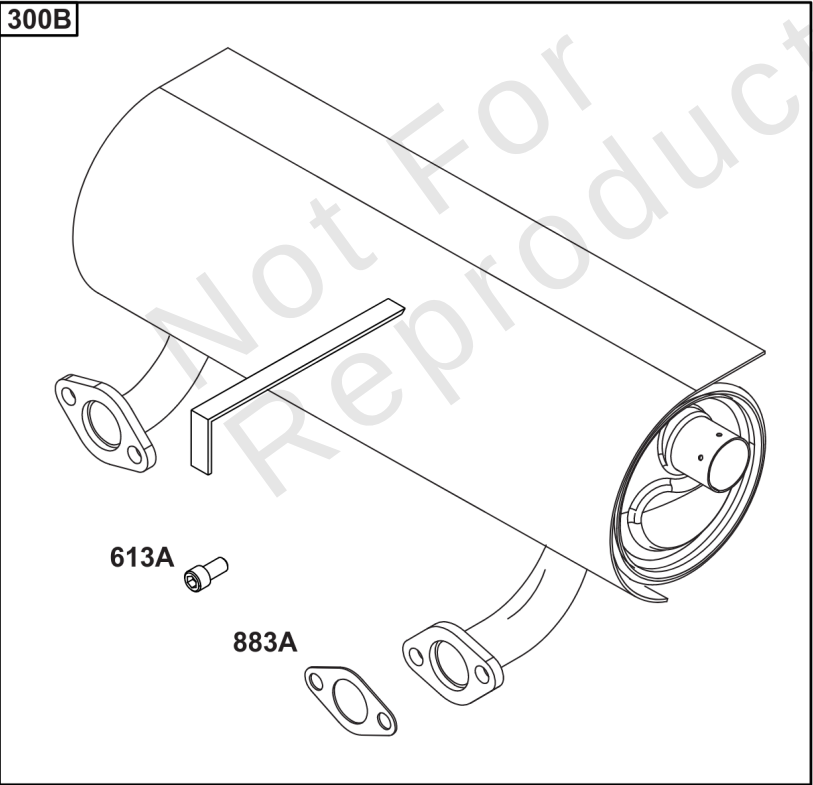
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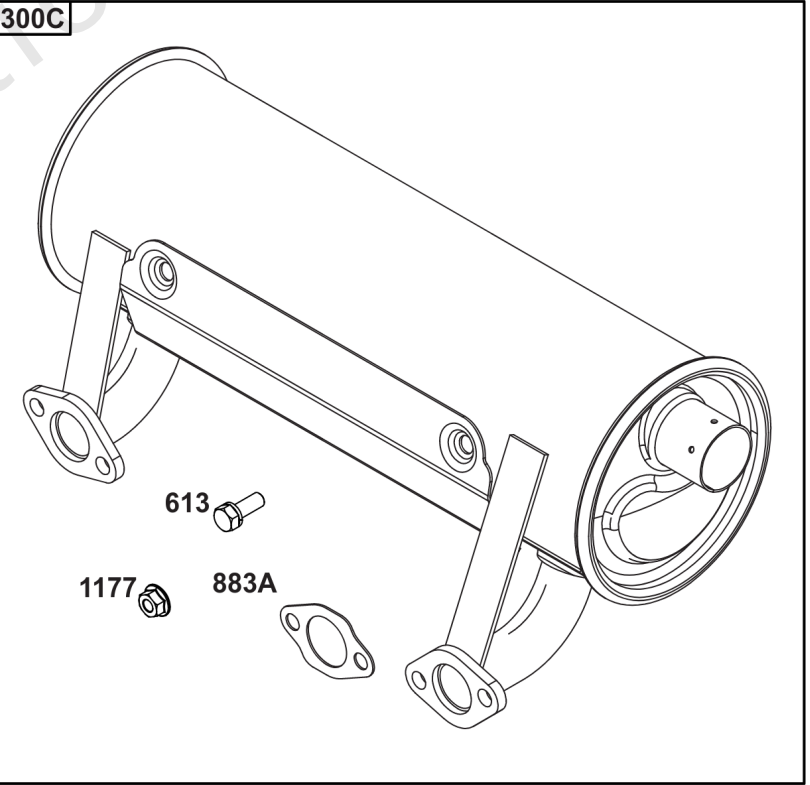
300A



300B

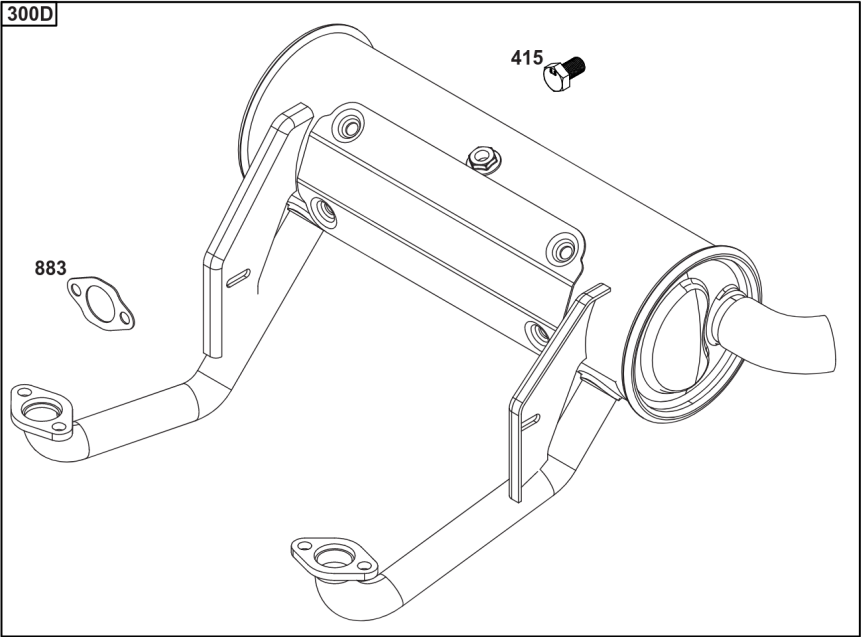
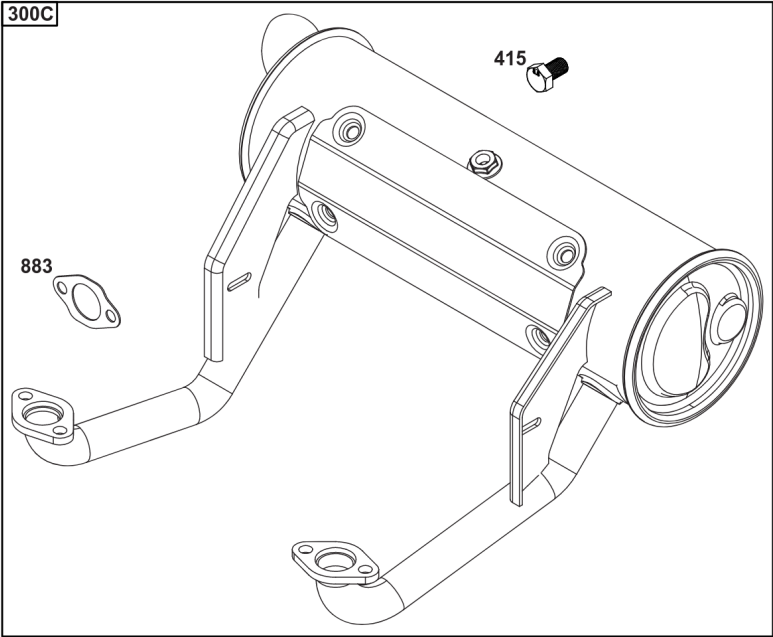


300C



Engine Mounted Below Deck Mufflers

REF NO	PART NO	QTY	DESCRIPTION
300	594584	1	MUFFLER -(Oil Filter Side Outlet) (Engine Supported) (O2 Sensor Port)
300A	593877	1	MUFFLER -(Starter Side Outlet) (Engine Supported) (O2 Sensor Port)
300B	692120	1	MUFFLER -(Starter Side Outlet) (Engine Supported) (No O2 Sensor Port)
300C	692120	1	MUFFLER -(Starter Side Outlet) (No O2 Sensor Port)
415	596859	1	PLUG -(O2 Sensor Port)
613	690341	4	SCREW -(Muffler)
613A	690363	4	SCREW -(Muffler)
883	594365	2	GASKET, Exhaust
883A	690970	2	GASKET, Exhaust
1177	690941	4	NUT -(Muffler)



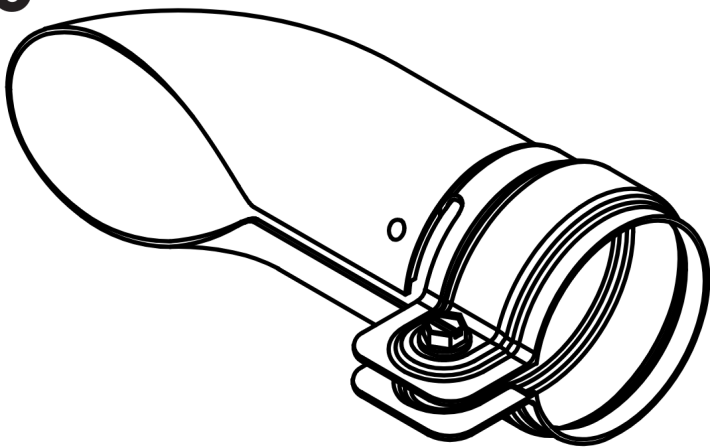
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Reproduction

Engine Mounted Above Deck Mufflers

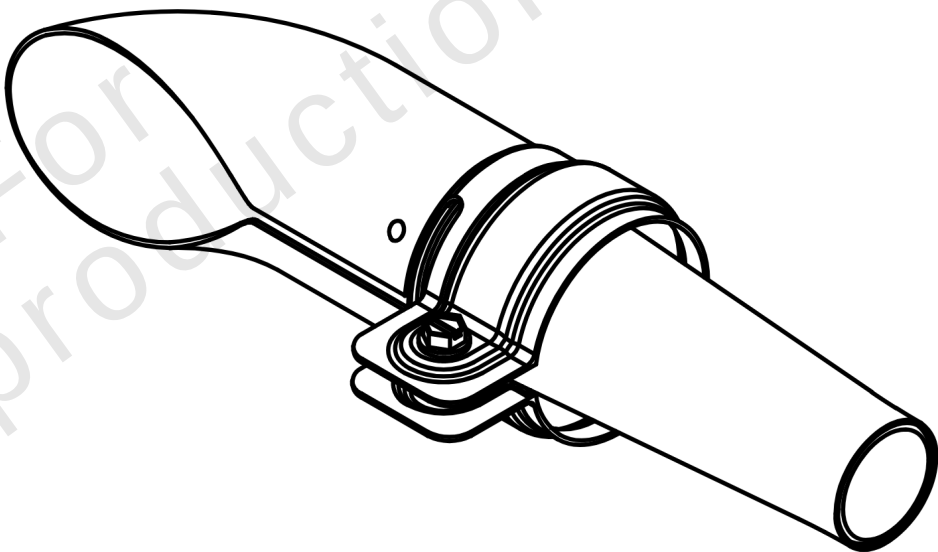
REF NO	PART NO	QTY	DESCRIPTION
300C	595138	1	MUFFLER -(Oil Filter Side Outlet) (Self-Supporting) (O2 Sensor Port)
300D	595139	1	MUFFLER -(Starter Side Outlet) (Self-Supporting) (O2 Sensor Port)
415	596859	1	PLUG -(O2 Sensor Port)
883	594365	2	GASKET, Exhaust

Not For Reproduction

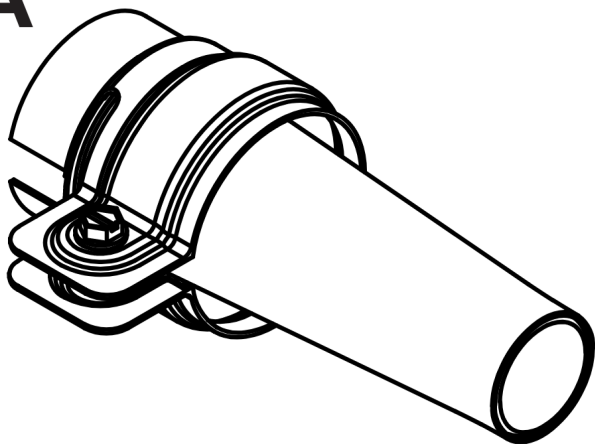
676



994



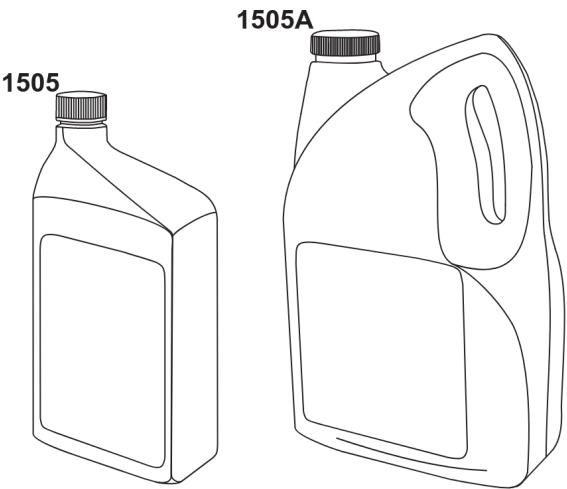
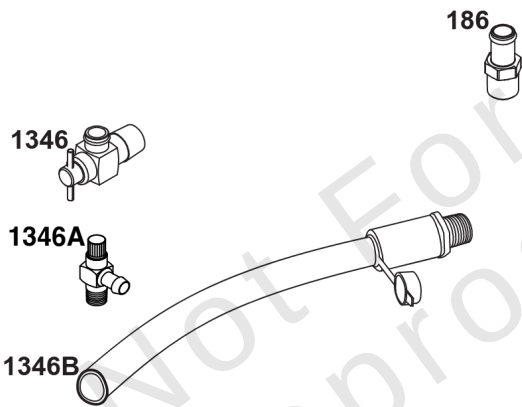
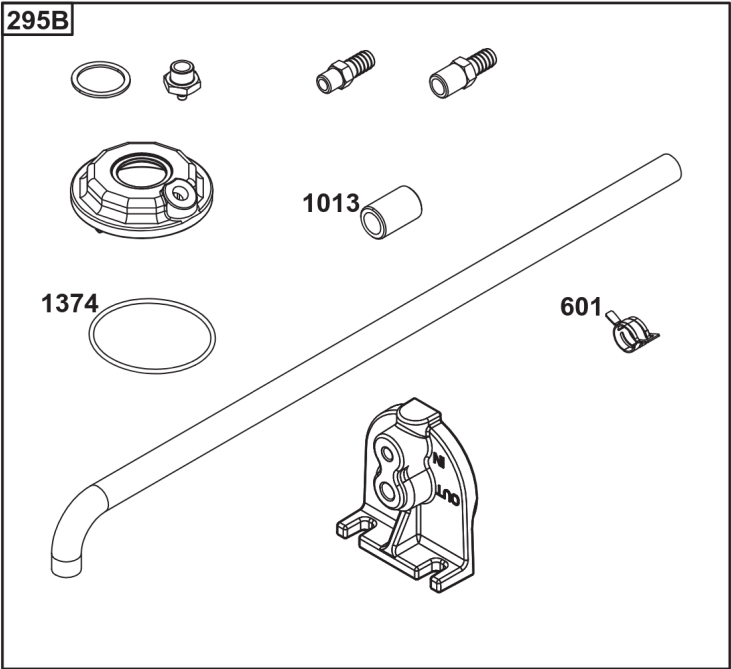
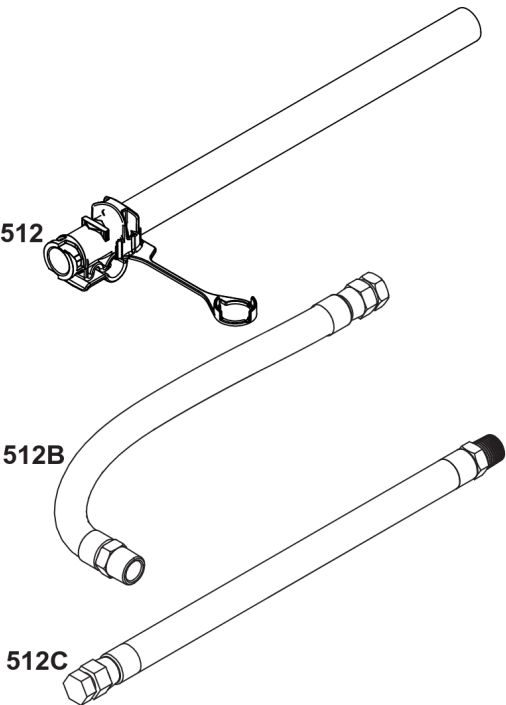
994A



Spark Arrester/Deflector

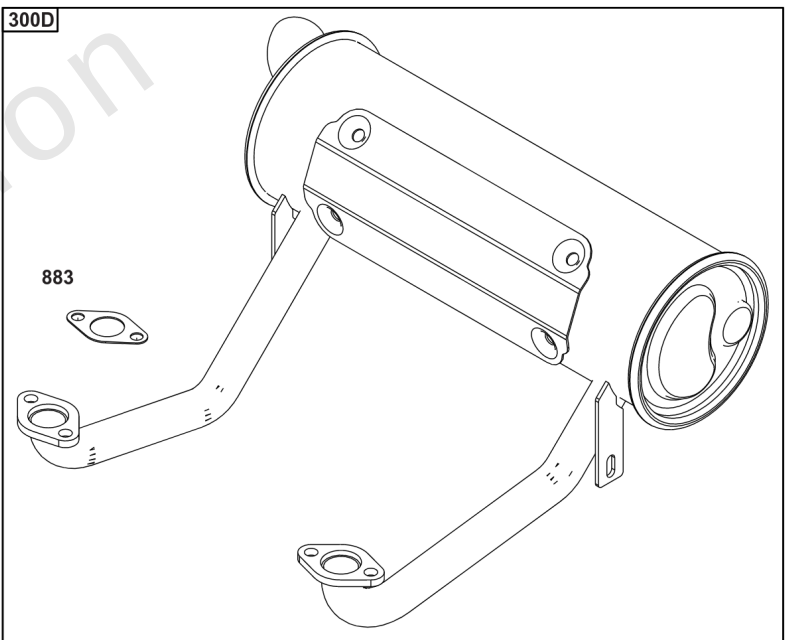
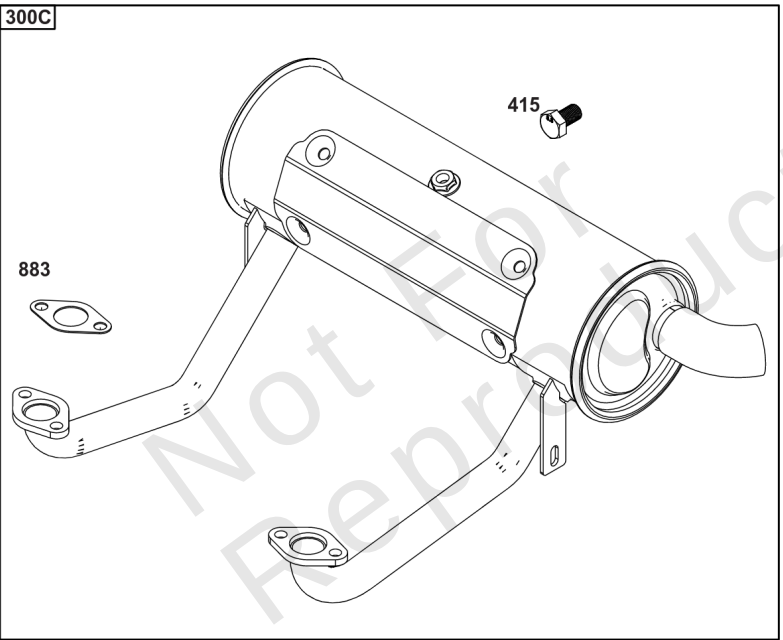
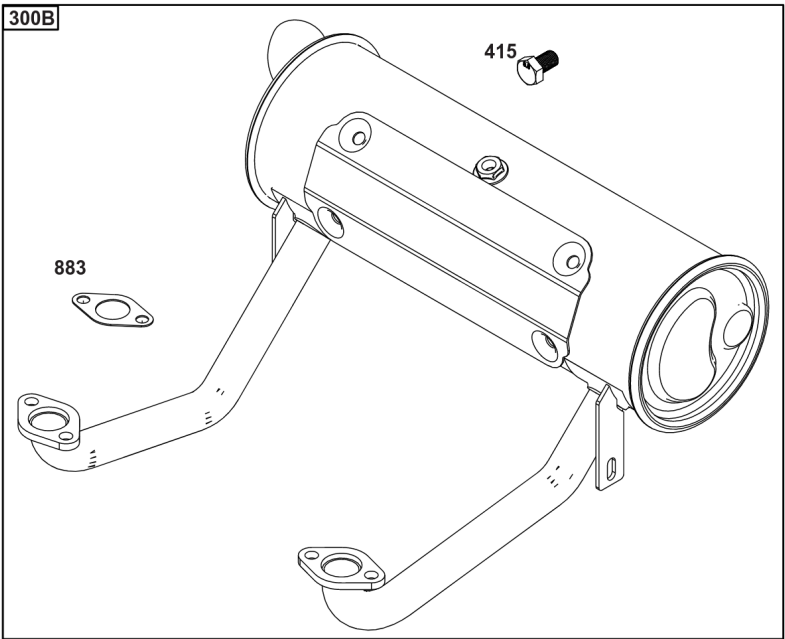
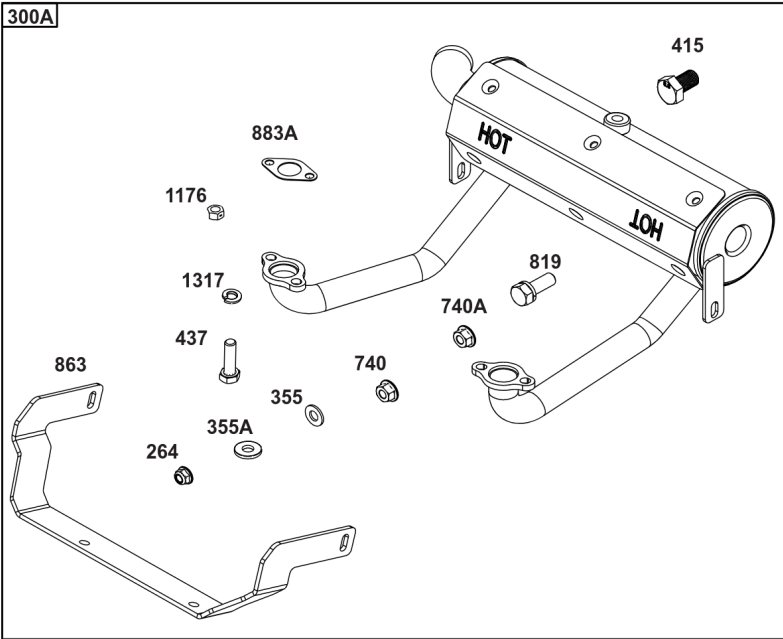
REF NO	PART NO	QTY	DESCRIPTION
676	593869	1	DEFLECTOR, Muffler -(For Below Deck Mufflers Only)
994	593885	1	ARRESTOR, Spark -(For Below Deck Mufflers Only)
994A	593868	1	ARRESTOR, Spark -(For Below Deck Mufflers Only)

Not For Reproduction



Lubrication

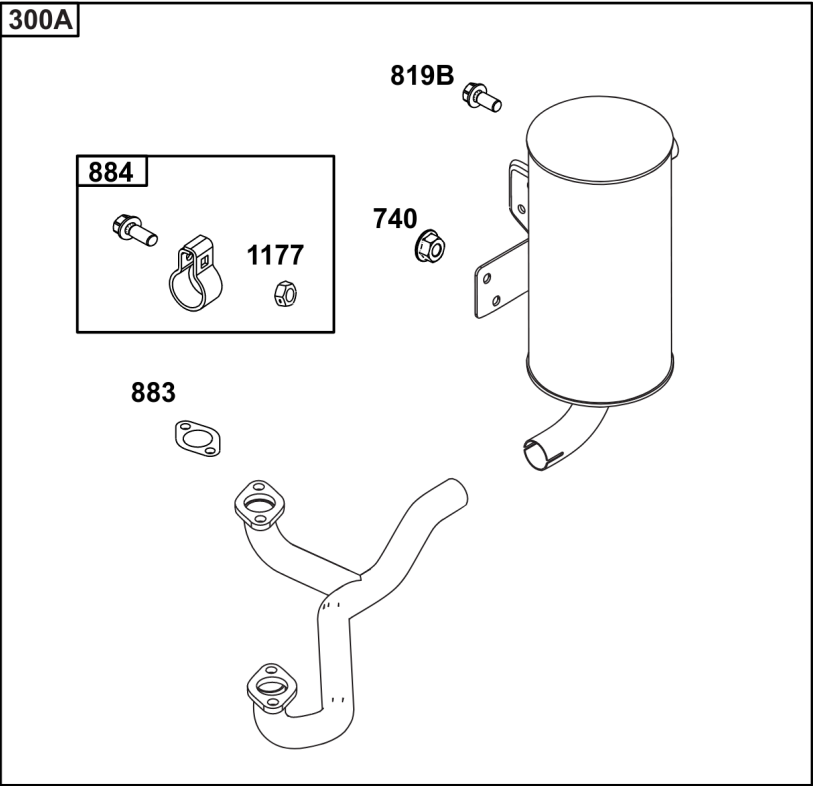
REF NO	PART NO	QTY	DESCRIPTION
186	796532	1	CONNECTOR, Hose -(Threaded Engine Block Connector for EZ-Oil Drain Hose)(Order hose separate)
239	690233	1	SWITCH, Oil Pressure -(2-4 PSI Normally-Closed Switch)
239A	491657S	1	SWITCH, Oil Pressure -(3-5 PSI Normally-Closed Switch)
239B	841281	1	SWITCH, Oil 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)
295B	594271	1	ADAPTER, Remote Oil Filter -(Remote Oil Filter Kit)
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
601	841597	4	CLAMP, Hose
1013	690954	1	NIPPLE, Oil Filter
1346	844802	1	VALVE, Oil Drain Shut Off
1346A	492031	1	VALVE, Oil Drain Shut Off
1346B	5401WEB	1	VALVE, Oil Drain Shut Off -(1/4 Turn Oil Drain Valve with Hose)
1374	796863	1	SEAL, O-Ring
1505	100169		OIL-1QT VANGUARD (CASE) -(1 qt. Bottle)
1505A	100170		OIL-5QT VANGUARD (CASE) -(5 qt. Bottle)



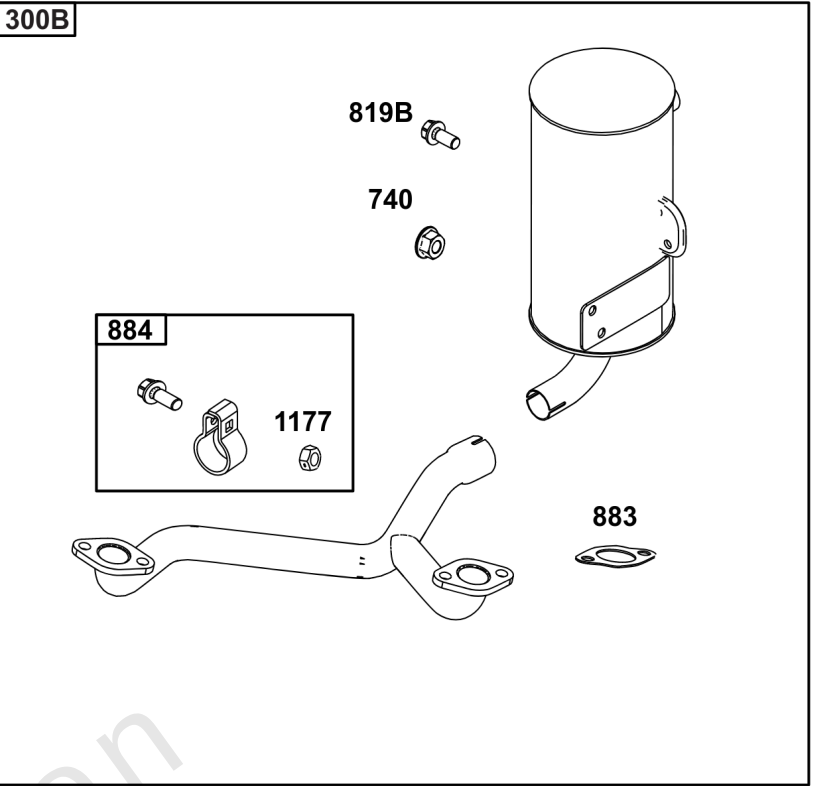
Implement Mounted Above Deck Mufflers

REF NO	PART NO	QTY	DESCRIPTION
300A	594585	1	MUFFLER -(Oil Filter Side Outlet) (Implement Supported) (O2 Sensor Port)
300B	595134	1	MUFFLER -(Oil Filter Side Outlet) (O2 Sensor Port)
300C	595135	1	MUFFLER -(Starter Side Outlet) (O2 Sensor Port)
300D	595136	1	MUFFLER -(Oil Filter Side Outlet)
264	703465	4	NUT, 5/16-18, GR5 -(Muffler Adapter)
355	5025292SM	4	WASHER, 5/16" GD.9 FLAT -(Muffler Bracket)
355A	703350	2	WASHER, 5/16, Flat SAE, Zinc/Clear -(Muffler Bracket)
415	596859	1	PLUG -(O2 Sensor Port)
437	703585	4	CAPSCREW, Hex Head, 5/16-18 x 1 -(Exhaust Manifold)
740	703164	2	NUT, Hex Center Lock, 5/16-18, GRB -(Muffler Bracket)
740A	703115	2	NUT, Flange Nylock, 5/16-18 -(Muffler Bracket)
819	690341	4	SCREW -(Muffler Bracket)
863	597480	1	BRACKET, Muffler
883	594365	2	GASKET, Exhaust
883A	690970	2	GASKET, Exhaust
1176	690941	4	NUT -(Exhaust Manifold)
1317	703116	4	WASHER, Split Lock, .32 x .58 x .08 -(Exhaust Manifold)

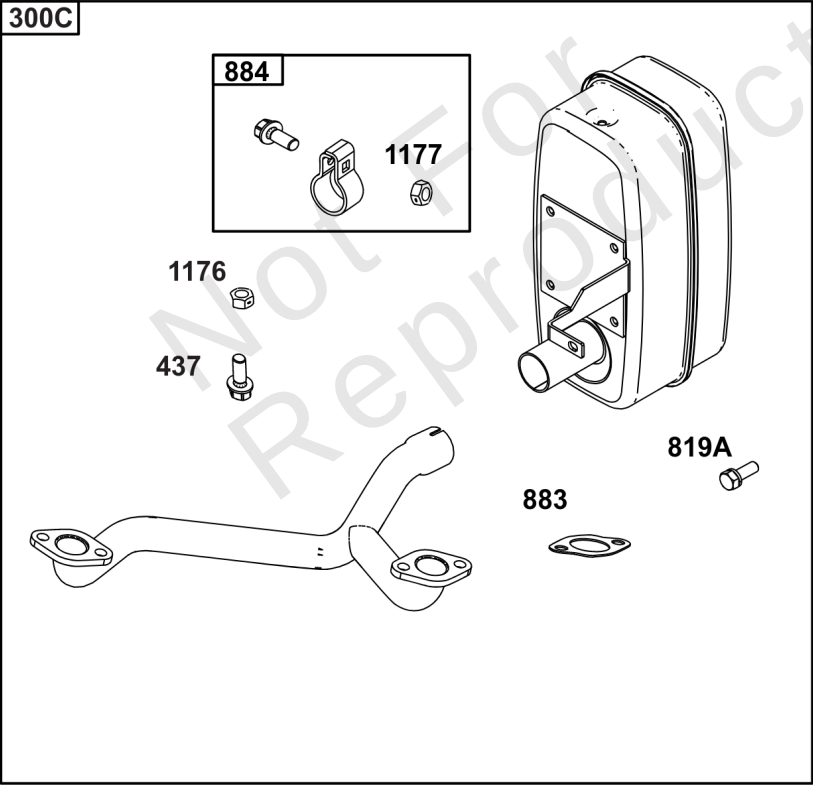
300A



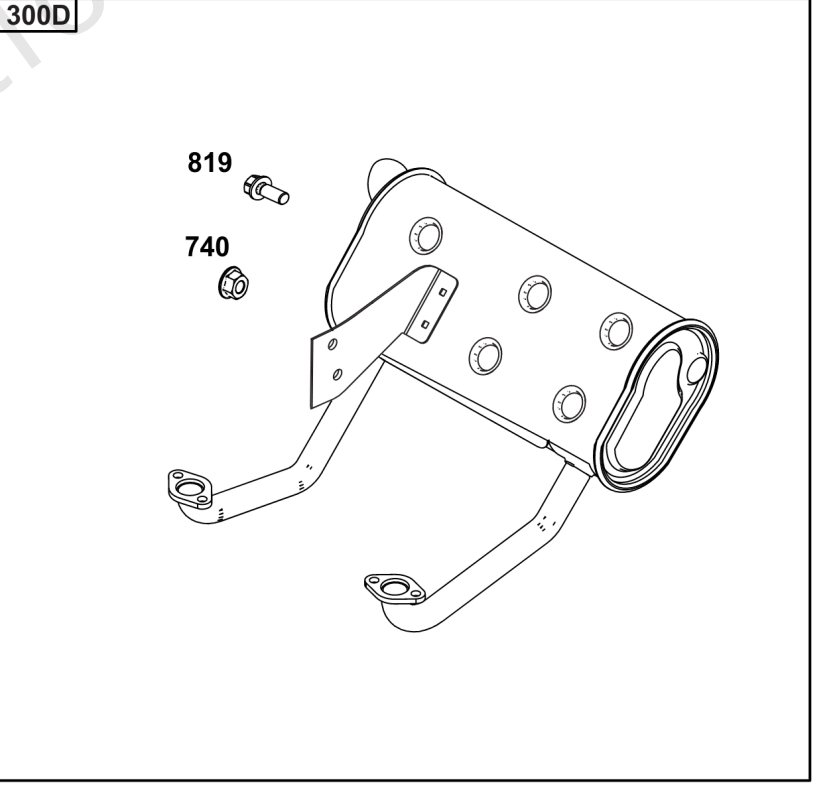
300B



300C



300D



Exhaust/Muffler Configurations

REF NO	PART NO	QTY	DESCRIPTION
300A	771127	1	MUFFLER -(Oil Filter Side Outlet)(Commercial & Professional Series)
300B	771128	1	MUFFLER -(Starter Side Outlet)(Commercial & Professional Series)
300C	595822	1	MUFFLER -(Starter Side Outlet)(Commercial & Professional Series)
300D	84003680	1	MUFFLER -(Oil Filter Side Outlet) (Commercial & Professional Series)(Vanguard 810 & 810 EFI) (Compatible with 593868 Spark Arrester, 593885 Spark Arrester with Deflector.) (Equipped with plug for blocking off O2 sensor port for non EFI engines.)
437	690341	4	SCREW -(Exhaust Manifold)
740	704067	2	NUT, Hex Flange, 5/16-18 -(Muffler Bracket)
819	592604	2	SCREW -(Muffler Bracket)
819A	695629	4	SCREW -(Muffler Bracket)
819B	692062	2	SCREW -(Muffler Bracket)
883	594365	2	GASKET, Exhaust
884	691956	1	CLAMP, Muffler
1176	690941	4	NUT -(Exhaust Manifold)
1177	793859	1	NUT -(Muffler)

