



Insight[®] Lawn Mower

Model No. 10666C - 280000001 and up.

Parts Catalog

Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustrations and in part lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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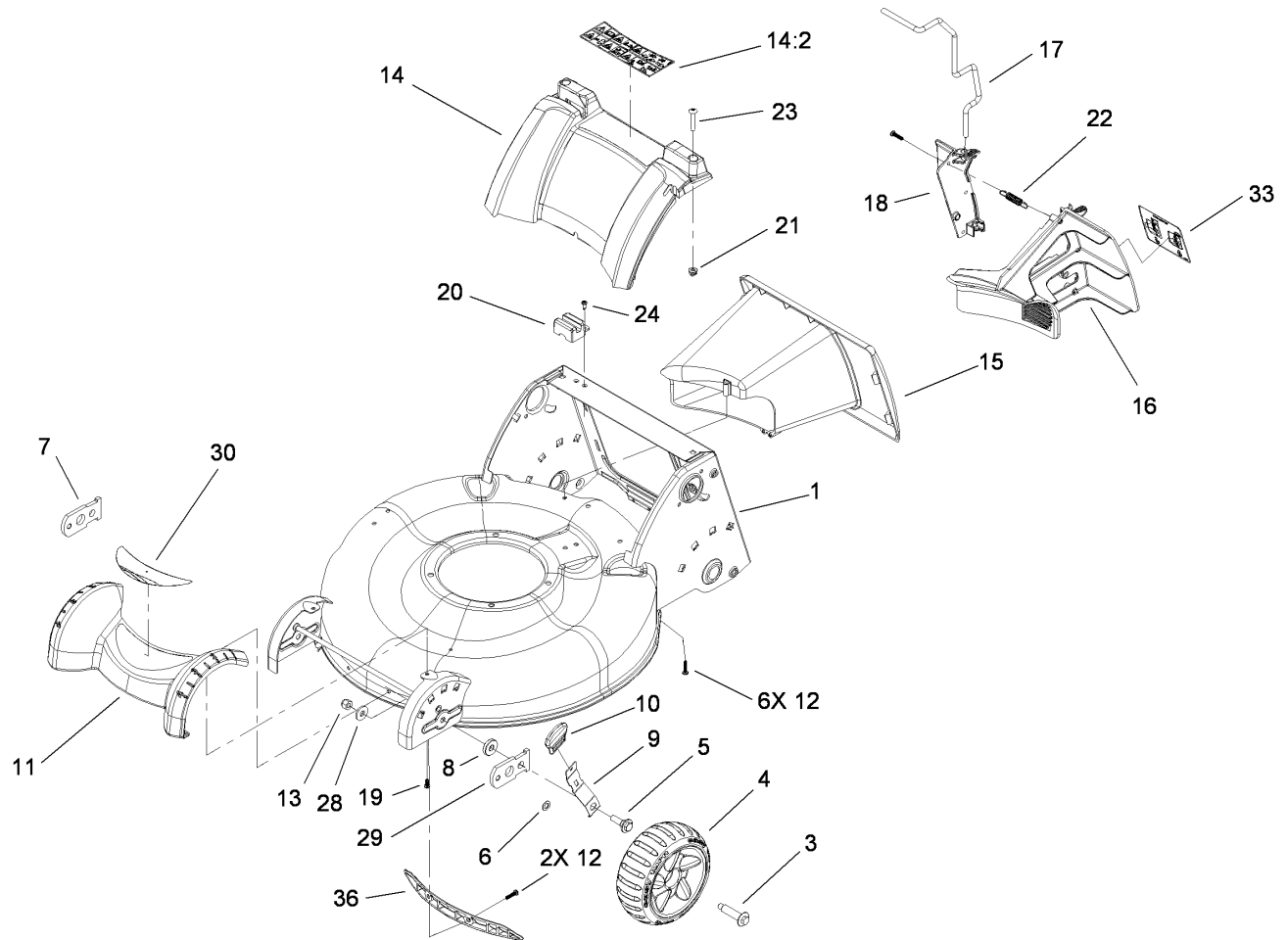
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR. as required	HYD. hydraulic
ASM. assembly	LH. left hand
BBC. blade brake clutch	NI. nylon insert
CARR. carriage	NPTF. national pipe thread fine
DEG. degrees	PFH. phillips flat head
EXT. external	PPH. phillips pan head
FH. flat head	PPHTF. phillips pan head thread forming
GA. gauge	PRH. phillips round head
HD. heavy-duty	PTH. phillips truss head
HF. hex flange	PTO. power-take-off
HH. hex head	RH. right hand
HHF. hex head flange	ROPS. roll-over protection system
HHFTF. hex head flange thread forming	SFH. slotted fillister head
HJ. hex jam	SHH. slotted hex head
HLH. hex lag head	SHWH. slotted hex washer head
HOC. height-of-cut	SPH. slotted pan head
HSBH. hex socket button head	SQH. square head
HSFH. hex socket flat head	SRH. slotted round head
HS. hex socket head	STD. standard
HWH. hex washer head	TAP. self tapping
HWHTF. hex washer head thread forming	TTH. torx truss head

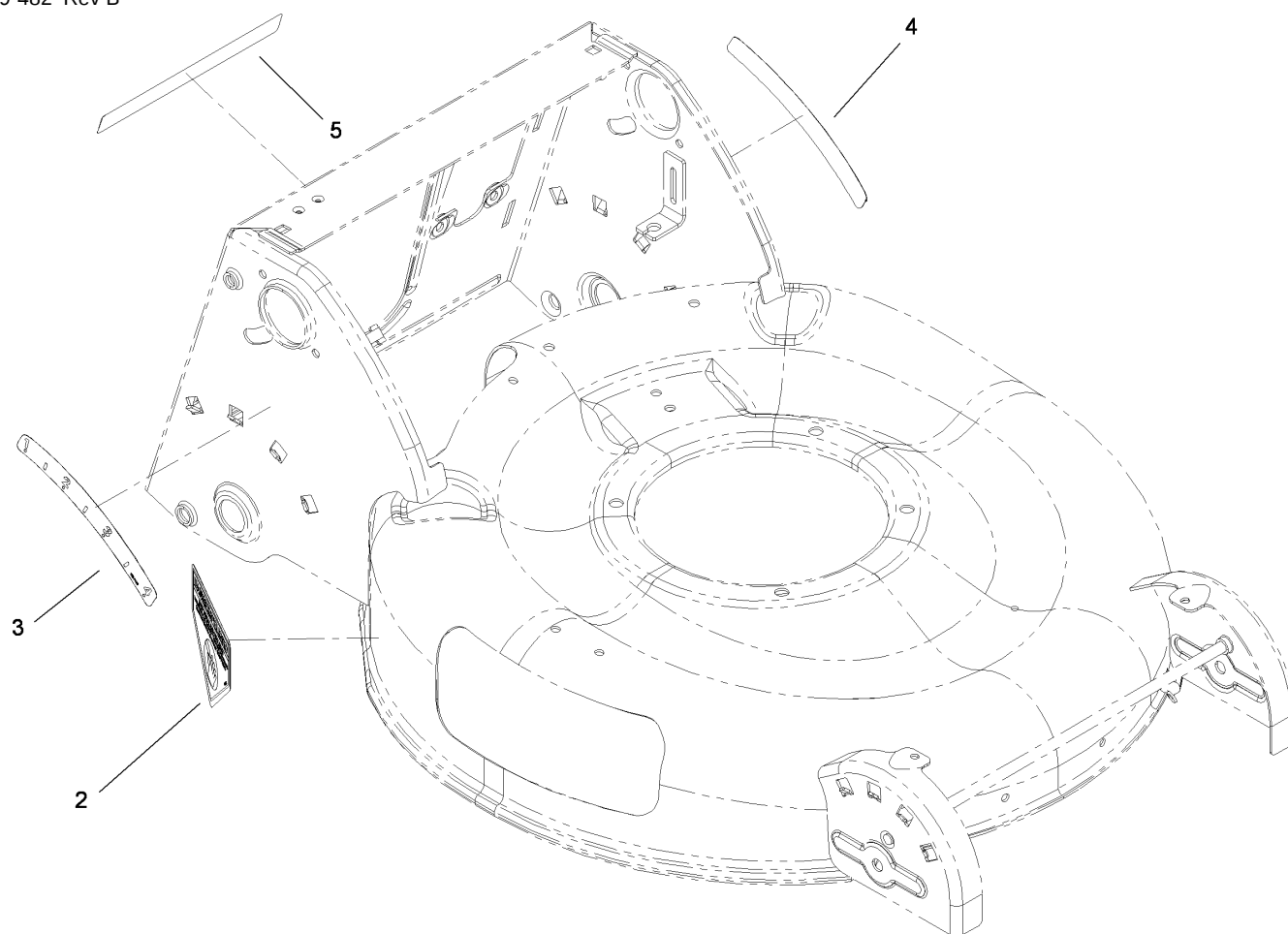
Footnotes

- | | |
|---|--|
| ❶ Not illustrated | ❷ Not serviced separately |
| ❸ Obtain from your local Briggs & Stratton dealer | ❹ Included in Carburetor Overhaul Kit (Ref. No. 121) |
| ❺ Included in Engine Gasket Set (Ref. No. 358) | ❻ Included in Carburetor Gasket Set (Ref. No. 977) |



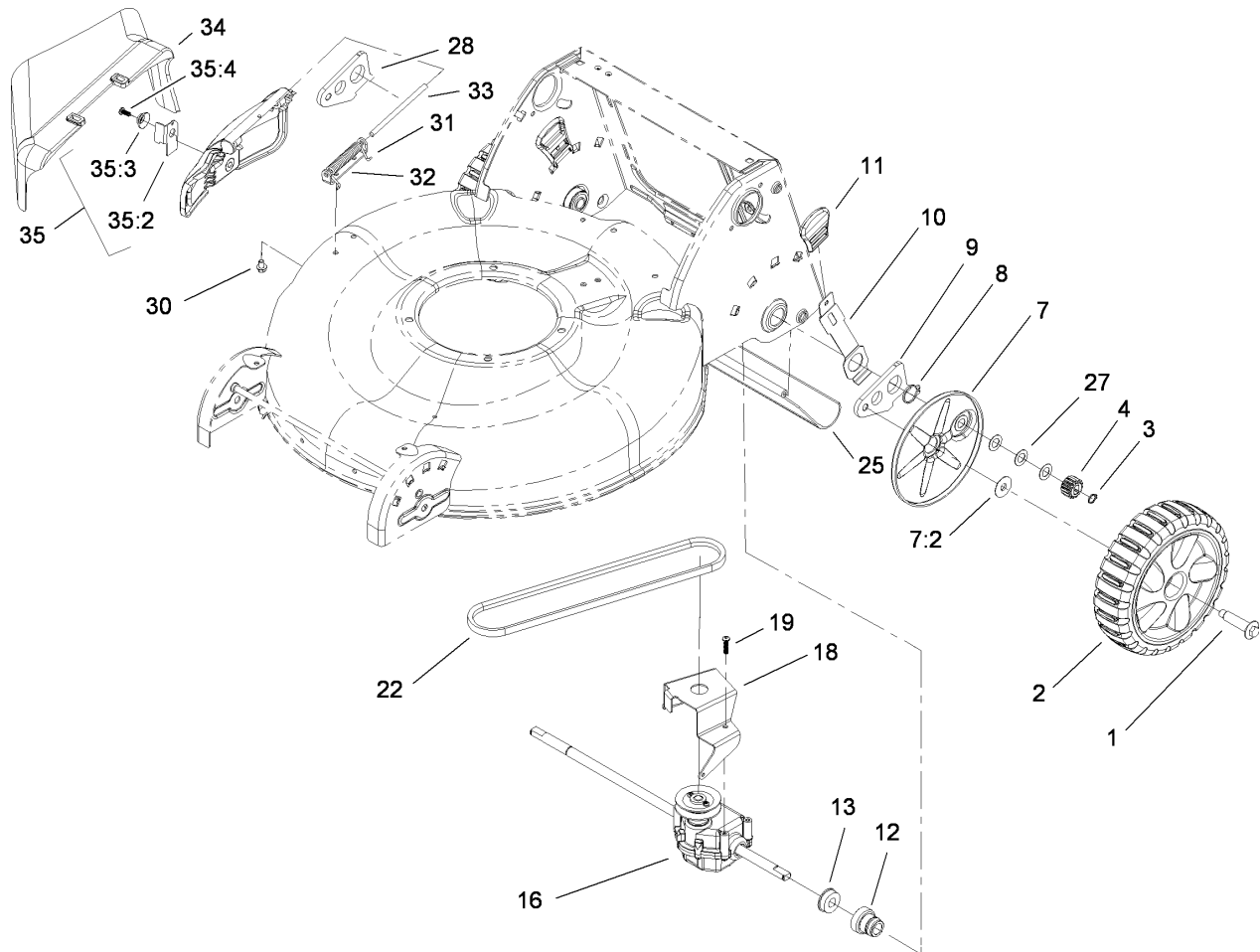
Front End and Tunnel Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	114-2804	1	Housing ASM	28	80-6990	2	Washer-Hardened
3	614650	2	Bolt-Shoulder	29	108-1044	1	Arm-Pivot, LH
4	112-1548	2	7 Inch Front Wheel ASM	30	108-7453	1	Decal
5	614672	2	Bolt-Shoulder	33	110-9457	1	Decal-Mulch Plug
6	40-1940	2	Washer	36	108-7502	1	Insert-Housing
7	107-3877	1	Arm-Pivot, RH	39	110-9468	1	Mulch Plug ASM
8	92-4890	2	Washer				
9	107-3878	2	Arm-Spring				
10	110-0549	2	Knob-HOC				
11	107-3926	1	Cover-Front				
12	108-7476	8	Screw-Plastite				
13	3296-39	2	Nut-Lock, NI				
14	115-3177	1	Cover-Rear				
14:2	114-2820	1	Decal-Warning				
15	110-9456	1	Tunnel				
16	110-9446	1	Plug-Mulch, LH				
17	110-9448	1	Latch-Mulch Plug				
18	110-9447	1	Plug-Mulch, RH				
19	108-7475	2	Screw-Plastite				
20	110-1787	1	Module-Switch				
21	94-1610	2	Nut-Clip				
22	110-9458	1	Spring-Extension				
23	108-0965	2	Screw-PTH				
24	105-6849	2	Screw-Thread Forming				



Housing Assembly No. 114-2804

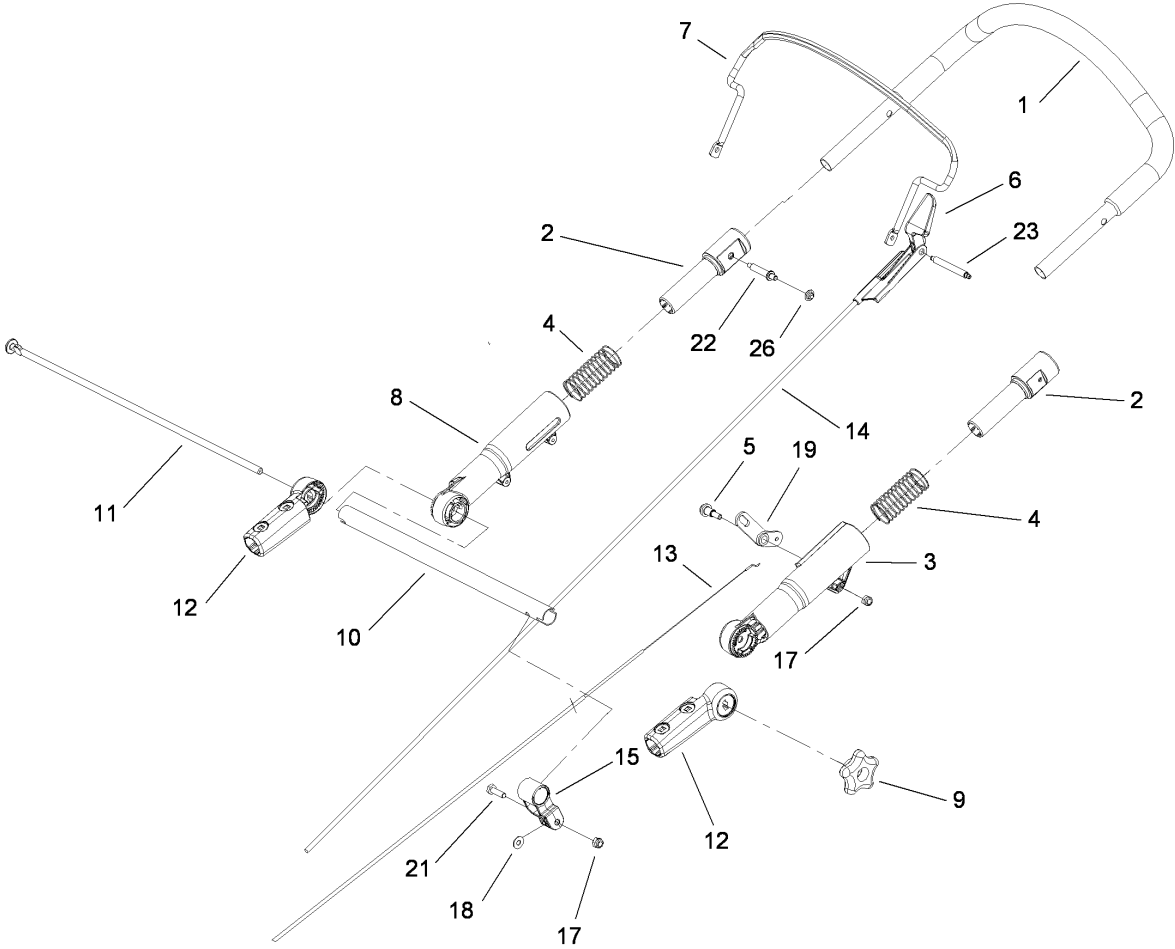
Ref	Part No.	Qty.	Description
2	94-8072	1	Decal-Danger
3	108-7450	1	Decal-HOC, RH
4	108-7451	1	Decal-HOC, LH
5	107-3889	1	Decal-Safety



Rear Axle and Transmission Assembly

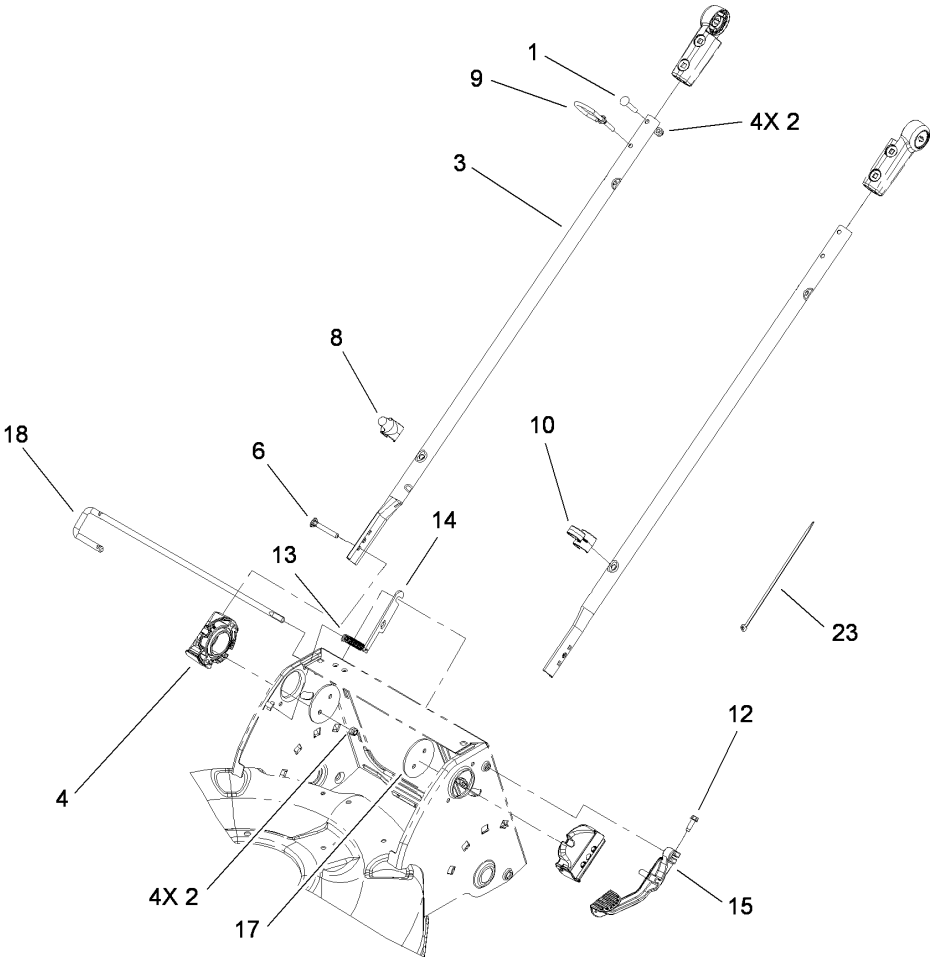
Ref	Part No.	Qty.	Description
1	614650	2	Bolt-Shoulder
2	107-3906	2	Rear Wheel ASM
3	32151-61	2	Ring-Retaining
4	110-9417	2	Pinion
7	110-1793	2	Wheel Cover ASM
7:2	614426	1	Washer-Stepped
8	32151-36	2	Ring-Retaining
9	108-9344	1	Arm-Rear Pivot, LH
10	110-9445	2	Arm-Spring, Rear
11	110-0549	2	Knob-HOC
12	104-8698	2	Retainer-Bearing, HOC
13	104-8699	2	Bearing-Ball
16	110-9414	1	Transmission ASM
18	114-7977-03	1	Bracket-Transmission
19	108-7476	3	Screw-Plastite
22	110-9429	1	V-Belt
25	112-8768	1	Shield-Trailing
27	36-4780	3	Washer-Plain
28	108-9343	1	Arm-Rear Pivot, RH
30	99-8445	2	Screw-HWH
31	99-5293	1	Spring-Torsion
32	112-6416	1	Bracket-Cover
33	99-5291	1	Rod-Cover
34	105-3028	1	Chute-Discharge, Side

Ref	Part No.	Qty.	Description
35	106-8376	1	Discharge Door ASM
35:2	107-0795	1	Latch-Door
35:3	107-7456	1	Cap-Door
35:4	107-7461	1	Screw-Plastite



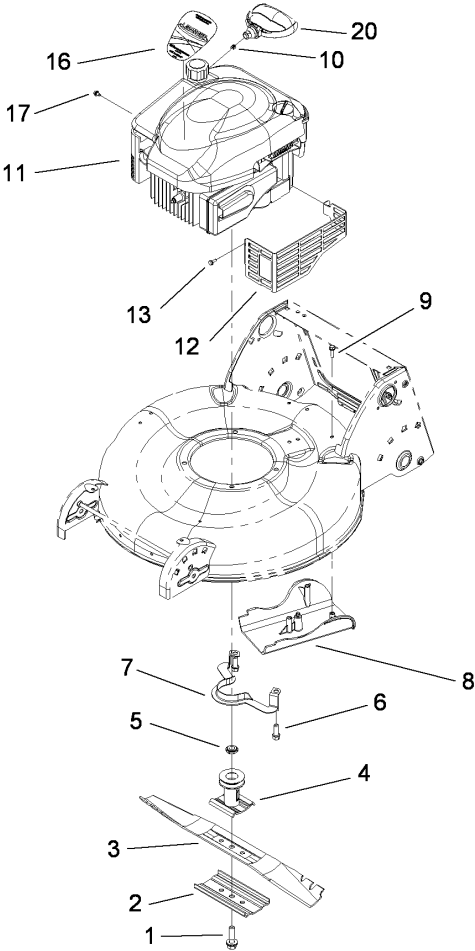
Upper Handle Assembly

Ref	Part No.	Qty.	Description				
1	108-0974	1	Upper Handle ASM				
2	112-8754	2	Sleeve-Inner				
3	112-1544	1	Sleeve-Outer, LH				
4	107-3869	2	Spring-Compression				
5	104-0858	1	Bolt-Shoulder				
6	112-8764	1	Stop-Pivot				
7	110-1819-03	1	Bail-Brake				
8	112-1545	1	Sleeve-Outer, RH				
9	107-3937	1	Knob				
10	107-3867-03	1	Tube-Cross				
11	107-3871	1	Rod-Threaded				
12	107-3865	2	Mount-Handle, Lower				
13	107-3902	1	Cable-Traction				
14	107-3903	1	Cable-Brake				
15	112-8801	1	Clamp-Cable				
17	3296-73	2	Nut-Lock, NI				
18	3256-1	1	Washer-Flat				
19	107-3893	1	Lever-Traction				
21	321-5	1	Screw-HH				
22	108-0959	1	Pin-Handle				
23	108-1008	1	Pin-Bail, LH				
26	108-9378	1	Retainer-Push On				



Lower Handle Assembly

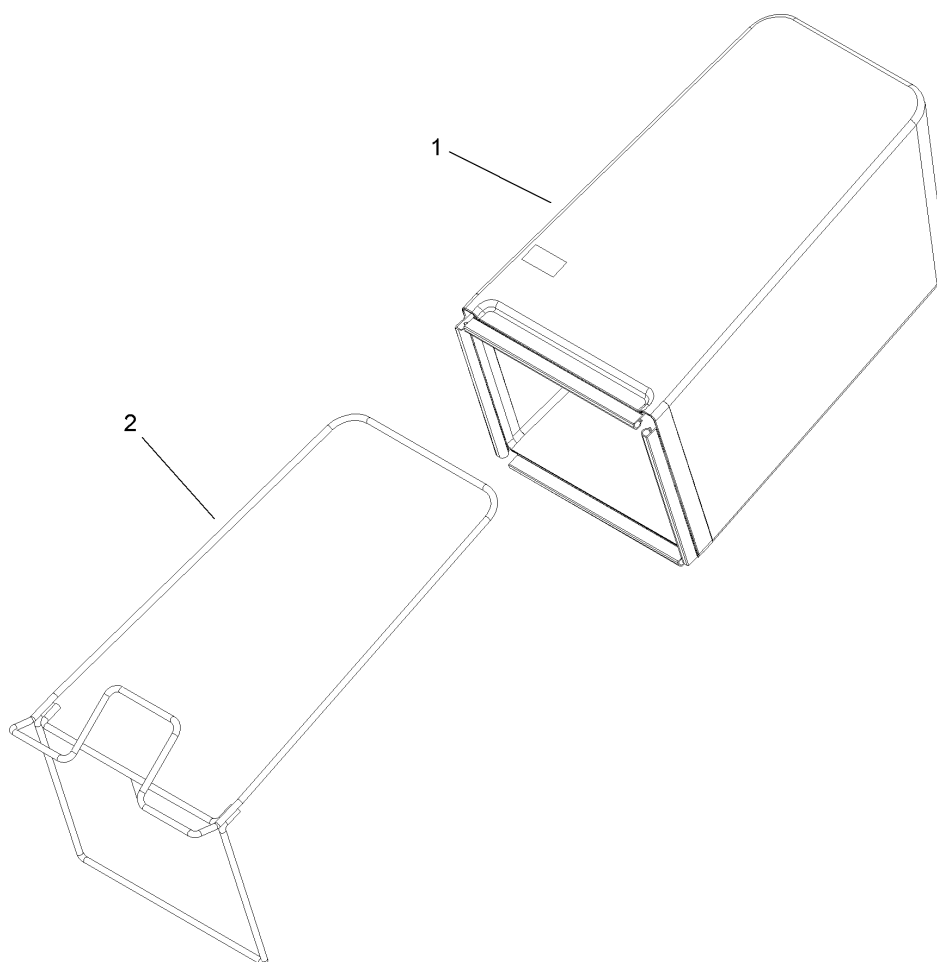
Ref	Part No.	Qty.	Description				
1	108-0988	3	Screw-CARR				
2	3296-73	8	Nut-Lock, NI				
3	107-3887-03	2	Tube-Lower				
4	114-2791	2	Handle-Mount, Lower				
6	95-4453	4	Screw				
8	108-0994	1	Guide-Rope, Lower				
9	107-3908	1	Guide-Rope, Upper				
10	106-6805	1	Guide-Cable				
12	49-2040	1	Screw-HWHTF				
13	112-1542	1	Spring-Extension				
14	112-1539	1	Plate-Release Rod				
15	110-1823-03	1	Lever-Release				
17	107-3944-03	2	Plate				
18	112-8755	1	Rod-Handle Release				
23	614249	1	Strap-Tie				



Blade and Engine Assembly

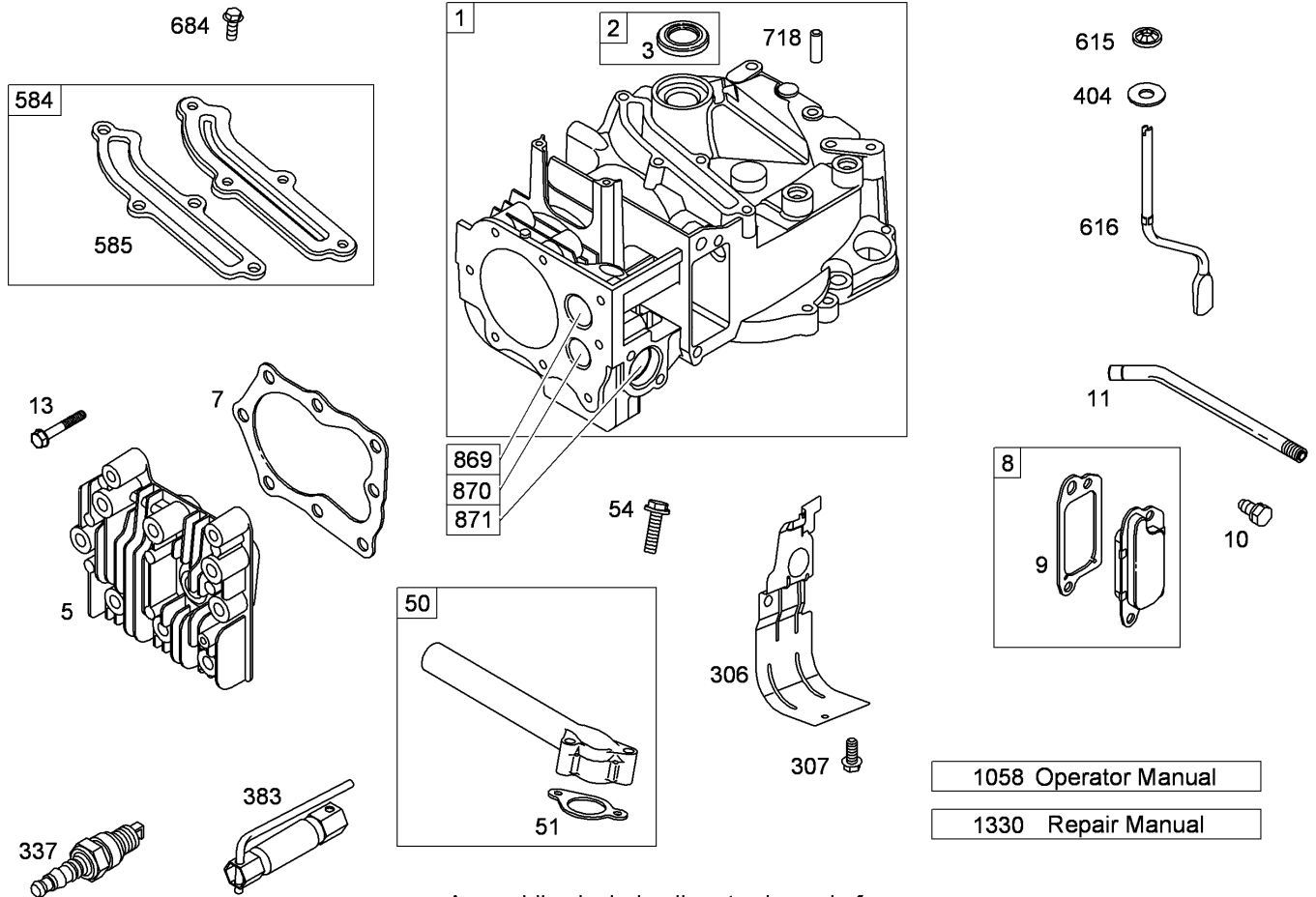
Ref	Part No.	Qty.	Description				
1	105-8579	1	Bolt-Blade				
2	108-3766-03	1	Support-Blade				
3	108-0954-03	1	Blade-21 Inch				
4	106-3987	1	Blade Driver ASM				
5	106-3999	1	Spacer-Driver				
6	92-1624	3	Screw				
7	105-3030-03	1	Guide-Belt				
8	110-1832	1	Cover-Belt				
9	46-8091	3	Screw-HWH				
10	2210-316	1	Stop-Rope				
11		1	Engine-Briggs And Stratton, 126T05-0247-B1				
12	104-7577-03	1	Shield-Muffler				
13	32144-1	3	Screw-Taptite				
16	114-2830	1	Decal-Engine				
17	98-1394	1	Screw-HWH				
20	110-1778	1	Handle-Recoil				





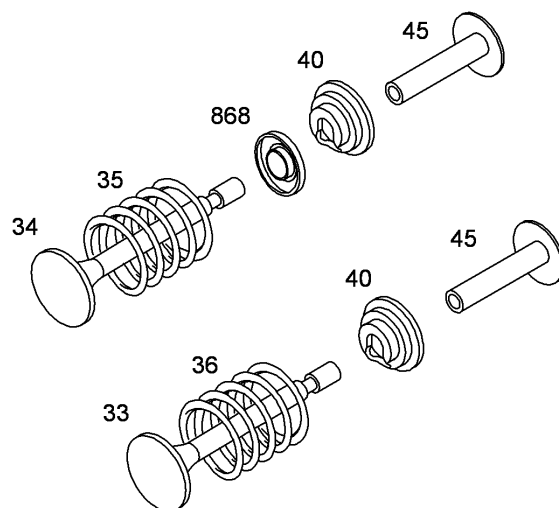
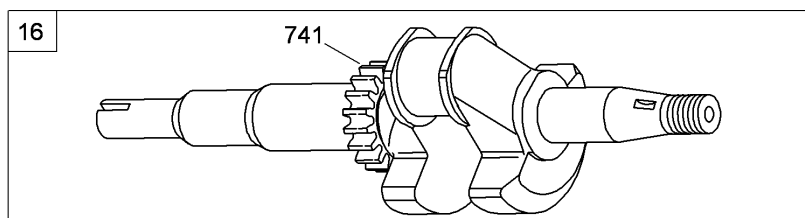
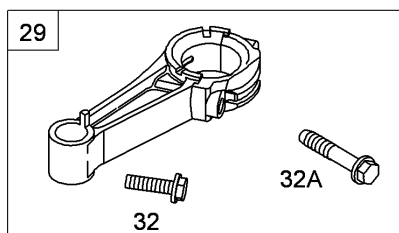
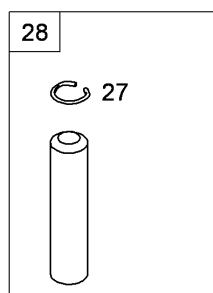
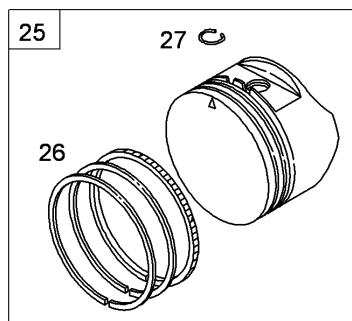
Rear Bag Assembly

Ref	Part No.	Qty.	Description
1	107-3911	1	Bag-Grass
2	112-8750-03	1	Frame-Bag



Ref	Part No.	Qty.	Description
1	697322	1	Cylinder ASM
2	399269	1	Bushing And Seal Kit
3	299819s	1	Seal-Oil (Magneto Side)
5	691160	1	Head-Cylinder
7	692249	1	Gasket-Head, Cylinder
8	695250	1	Breather ASM
9	699472	1	Gasket-Breather
10	691125	1	Screw (Breather ASM)
11	691781	1	Tube-Breather
13	690912	1	Screw (Cylinder Head)
50	794305	1	Manifold-Intake
51	794306	1	Gasket-Intake
54	691650	1	Screw (Intake Manifold)
306	790836	1	Shield-Cylinder
307	690345	1	Screw (Cylinder Shield)
337	802592s	1	Plug-Spark
383	89838s	1	Wrench-Spark Plug
404	690272	1	Washer (Governor Crank)
584	697734	1	Cover-Passage, Breather
585	691879	1	Gasket-Passage, Breather
615	690340	1	Retainer-Shaft, Governor
616	698801	1	Crank-Governor
684	690345	1	Screw (Breather Passage Cover)
718	690959	1	Pin-Locating

Ref	Part No.	Qty.	Description
869	691155	1	Seat-Valve (Intake)
870	690380	1	Seat-Valve (Exhaust)
871	262001	1	Bushing-Guide (Exhaust)
871	63709	1	Bushing-Guide (Intake)
1058	277039TRI	1	Operator Manual
1330	270962	1	Repair Manual

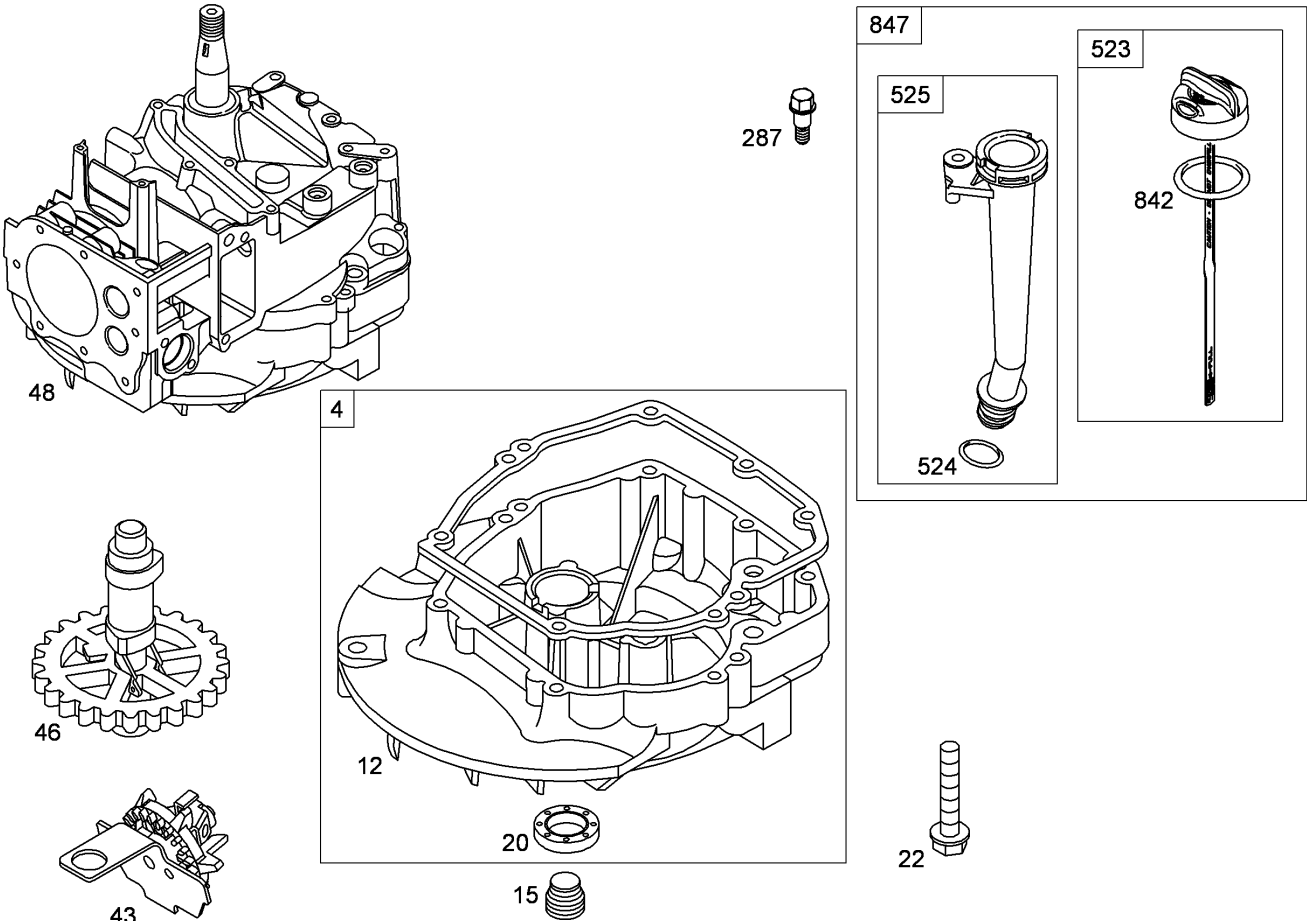


Assemblies include all parts shown in frames

Crankshaft Assembly

Briggs and Stratton 126T05-0247-B1

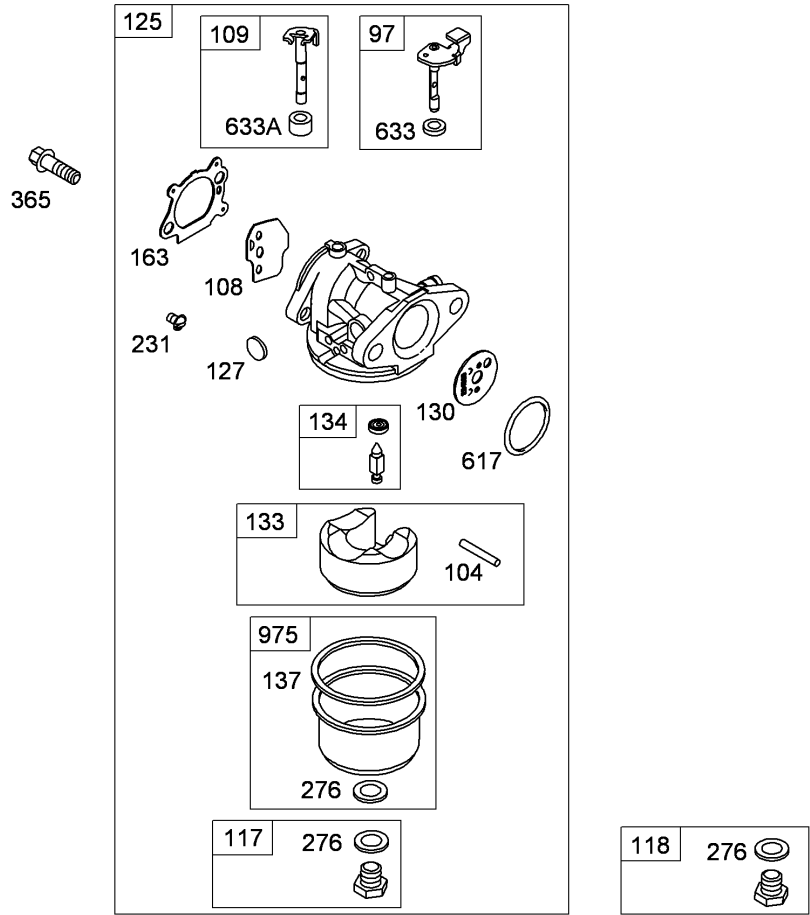
Ref	Part No.	Qty.	Description
③16	696009	1	Crankshaft
③24	222698s	1	Key-Flywheel
③25	795429	1	Piston ASM (Standard)
③25	795430	1	Piston ASM (.020 Oversize)
③26	795431	1	Ring Set (Standard)
③26	795432	1	Ring Set (.020 Oversize)
③27	691866	1	Lock-Pin, Piston
③28	499423	1	Piston Pin (Standard)
③29	499424	1	Connecting Rod (Standard)
③32	691664	1	Screw (Connecting Rod)
③32A	695759	1	Screw (Connecting Rod)
③33	262651s	1	Valve-Exhaust
③34	262652s	1	Valve-Intake
③35	691270	1	Spring-Valve (Intake)
③36	691270	1	Spring-Valve (Exhaust)
③40	692194	1	Retainer-Valve
③45	690548	1	Tappet-Valve
③741	795755	1	Gear-Timing
③868	697338	1	Seal-Valve



Assemblies include all parts shown in frames

Crankcase Assembly
Briggs and Stratton 126T05-0247-B1

Ref	Part No.	Qty.	Description				
4	493279	1	Sump-Engine				
12	692232	1	Gasket-Crankcase (.015 STD)				
15	691680	1	Plug-Drain, Oil				
20	399781s	1	Seal-Oil				
22	691092	1	Screw (Engine Sump)				
43	691997	1	Slinger-Oil, Governor				
46	691449	1	Camshaft				
48	791772	1	Block-Short				
287	690940	1	Screw (Dipstick Tube)				
523	499621	1	Dipstick				
524	692296	1	O-Ring Seal (Dipstick Tube)				
525	495265	1	Tube-Dipstick				
842	691031	1	Seal-O Ring (Dipstick Tube)				
847	692047	1	Dipstick Tube ASM				

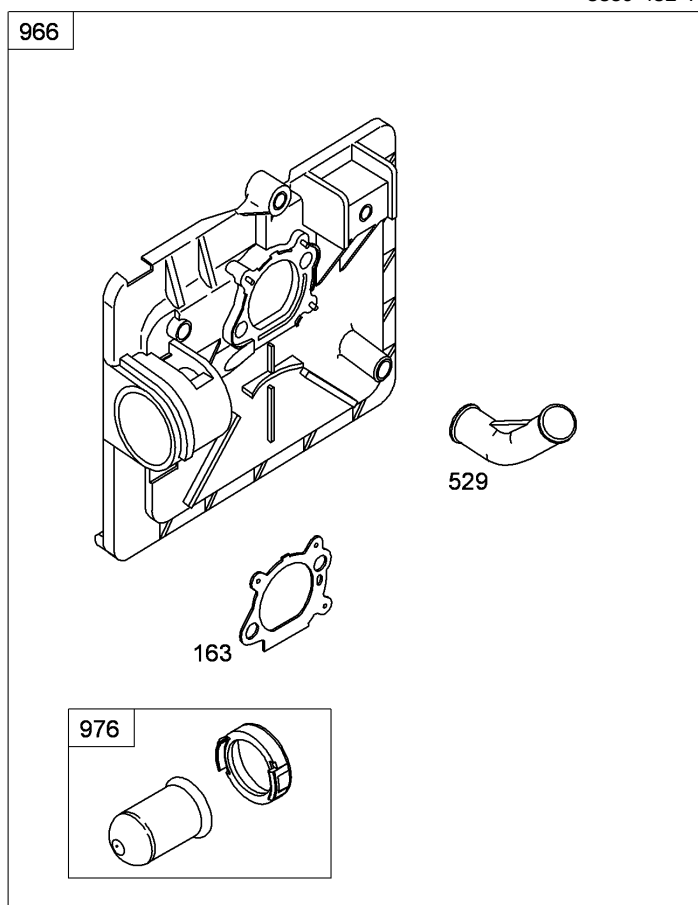
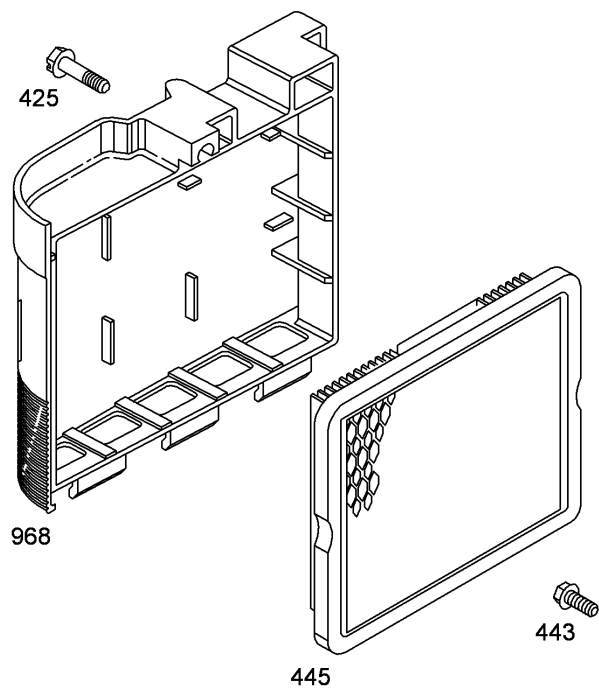


Assemblies include all parts shown in frames

Carburetor Assembly

Briggs and Stratton 126T05-0247-B1

Ref	Part No.	Qty.	Description				
③ 97	696565	1	Shaft-Throttle				
③ ④ 104	691242	1	Pin-Hinge, Float				
③ 108	790844	1	Valve-Choke				
③ 109	790843	1	Shaft-Choke				
③ 117	691428	1	Jet-Main (Standard)				
③ 118	498977	1	Jet-Main (High Altitude)				
③ 125	794304	1	Carburetor				
③ ④ 127	694468	1	Plug-Welch				
③ 130	696564	1	Valve-Throttle				
③ 133	398187	1	Float-Carburetor				
③ ④ 134	398188	1	Needle And Seat Kit				
③ ④ 137	693981	1	Gasket-Bowl, Float				
⑤							
③ ④ 163	272653s	1	Gasket-Cleaner, Air				
⑤ ⑥							
③ 231	691636	1	Screw (Choke Valve)				
③ ④ 276	271716	1	Washer-Sealing				
⑤							
③ 365	692524	1	Screw (Carburetor)				
③ ④ 617	270344s	1	Seal-O Ring (Intake Manifold)				
⑤							
③ ④ 633	691321	1	Seal-Shaft, Choke Throttle				
⑤							
③ ④ 633A	693867	1	Seal-Shaft, Choke Throttle				
⑤							
③ 975	493640	1	Bowl-Float				

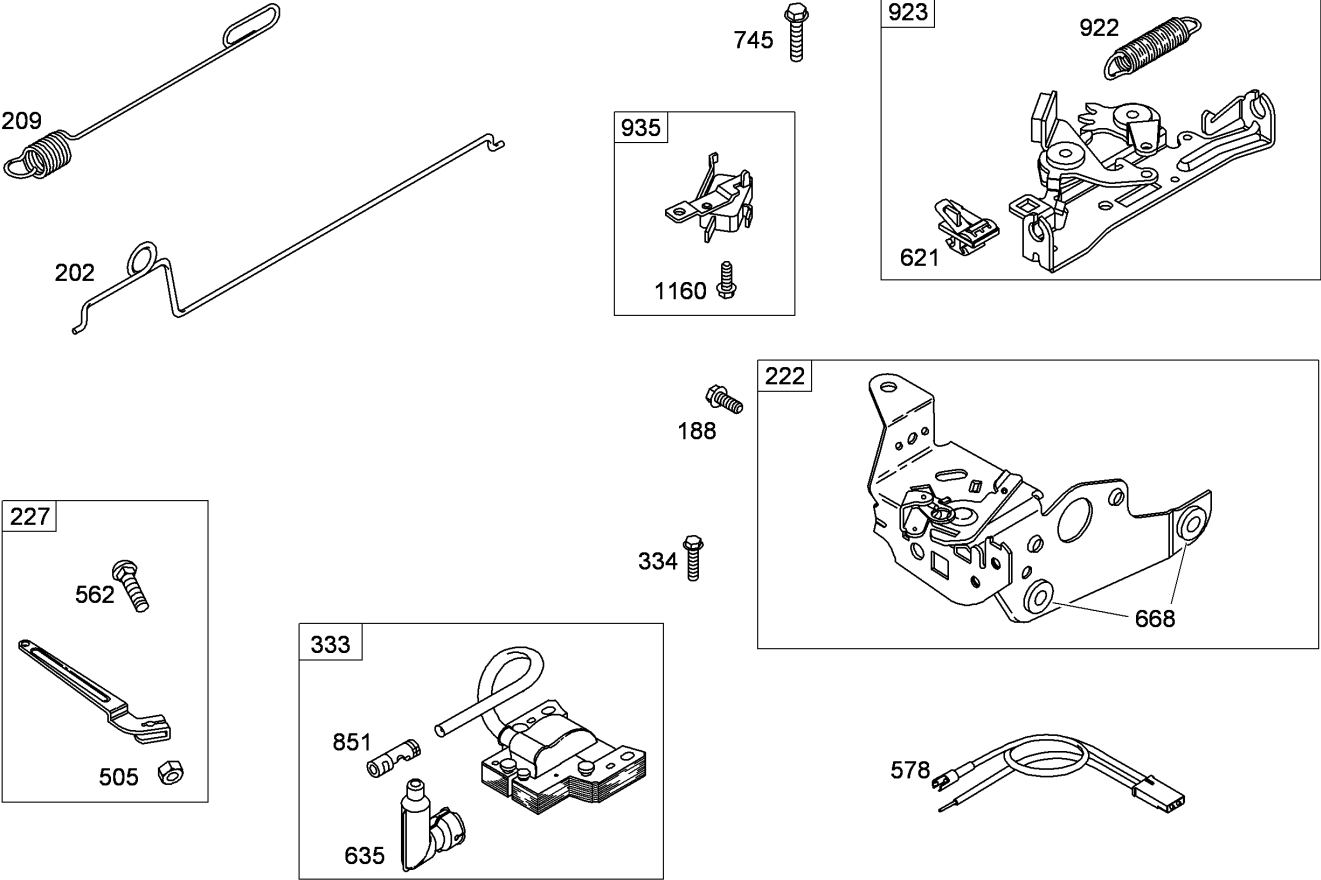


Assemblies include all parts shown in frames

Air Cleaner Assembly

Briggs and Stratton 126T05-0247-B1

Ref	Part No.	Qty.	Description
③ ④ 163	272653s	1	Gasket-Cleaner, Air
⑤ ⑥			
③ 425	690670	1	Screw (Air Cleaner Cover)
③ 443	692523	1	Screw (Air Cleaner Primer Base)
③ 445	491588s	1	Filter-Cartridge, Air Cleaner
③ 529	691923	1	Grommet
③ 966	792040	1	Base-Primer, Air Cleaner
③ 968	692298	1	Cover-Cleaner, Air
③ 976	694395	1	Primer-Carburetor

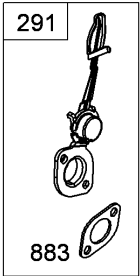
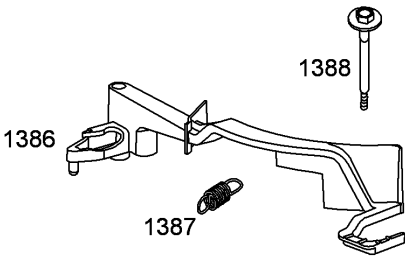
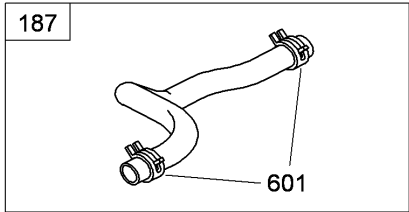
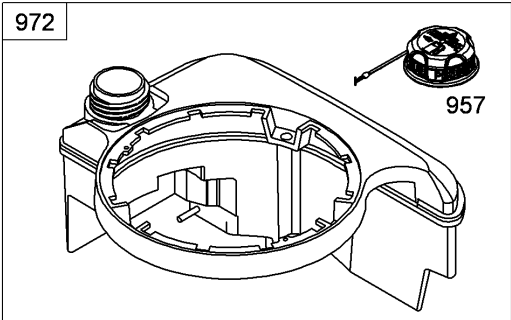
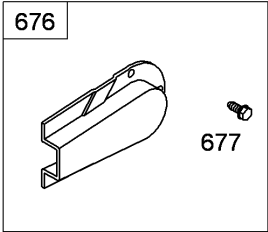
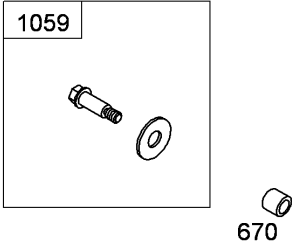
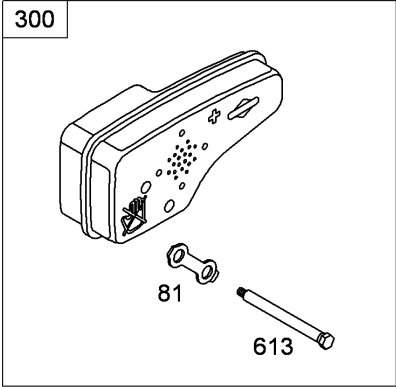


Assemblies include all parts shown in frames

Governor Assembly

Briggs and Stratton 126T05-0247-B1

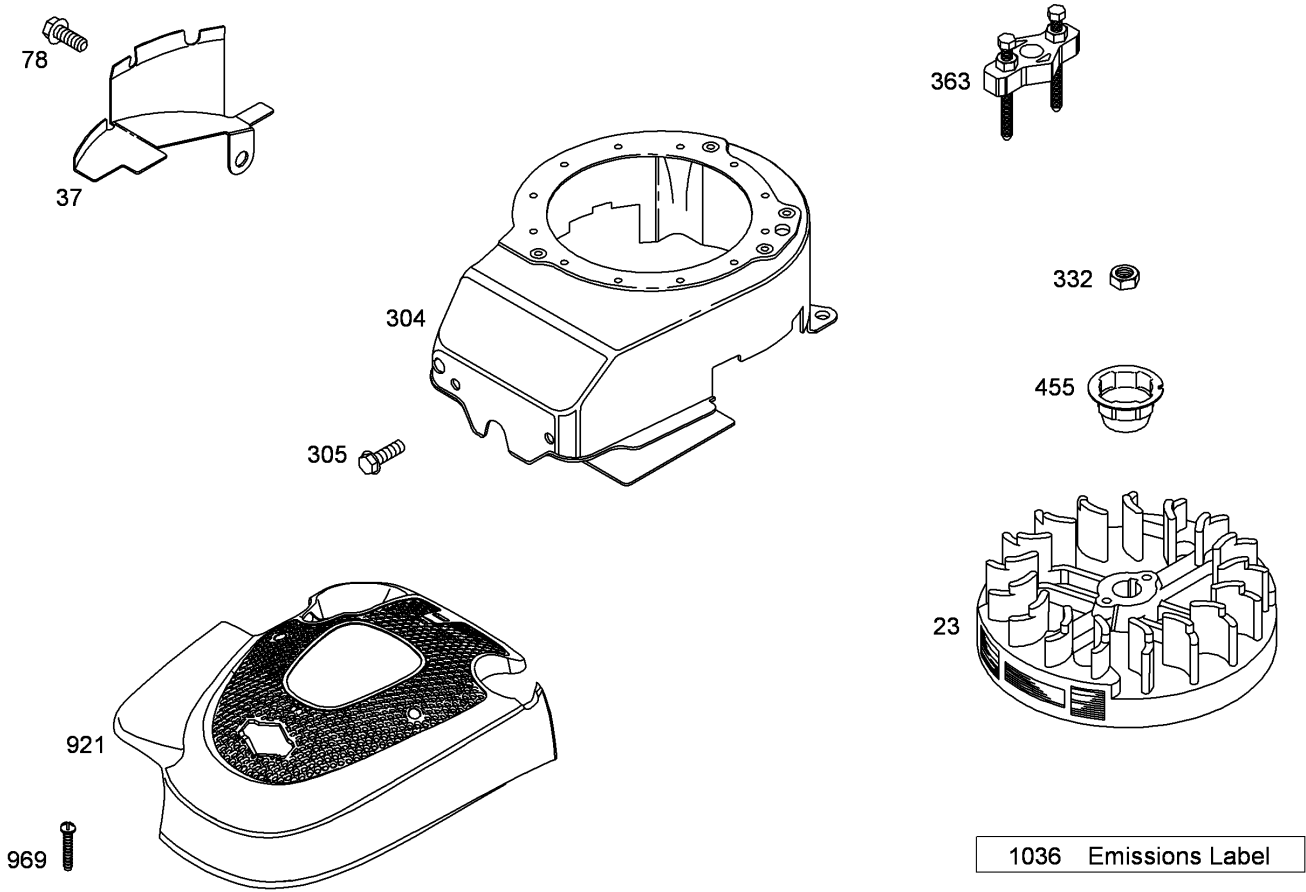
Ref	Part No.	Qty.	Description				
188	693399	1	Screw (Control Bracket)				
202	691829	1	Link-Governor, Mechanical				
209	691292	1	Spring-Governor				
222	793754	1	Bracket-Control				
227	690783	1	Lever-Control, Governor				
333	793353	1	Armature-Magneto				
334	691061	1	Screw (Magneto Armature)				
505	691251	1	Nut (Governor Control Lever)				
562	691119	1	Bolt (Governor Control Lever)				
578	696031	1	Wire ASM				
621	692310	1	Switch-Stop				
635	793351	1	Boot-Spark Plug				
668	493823	1	Spacer				
745	691648	1	Screw (Brake)				
851	692424	1	Terminal-Spark Plug				
922	691831	1	Spring-Brake				
923	691994	1	Brake ASM				
935	499421	1	Switch-Interlock				
1160	691627	1	Screw (Interlock Switch)				



Assemblies include all parts shown in frames

Muffler and Fuel Tank Assembly
Briggs and Stratton 126T05-0247-B1

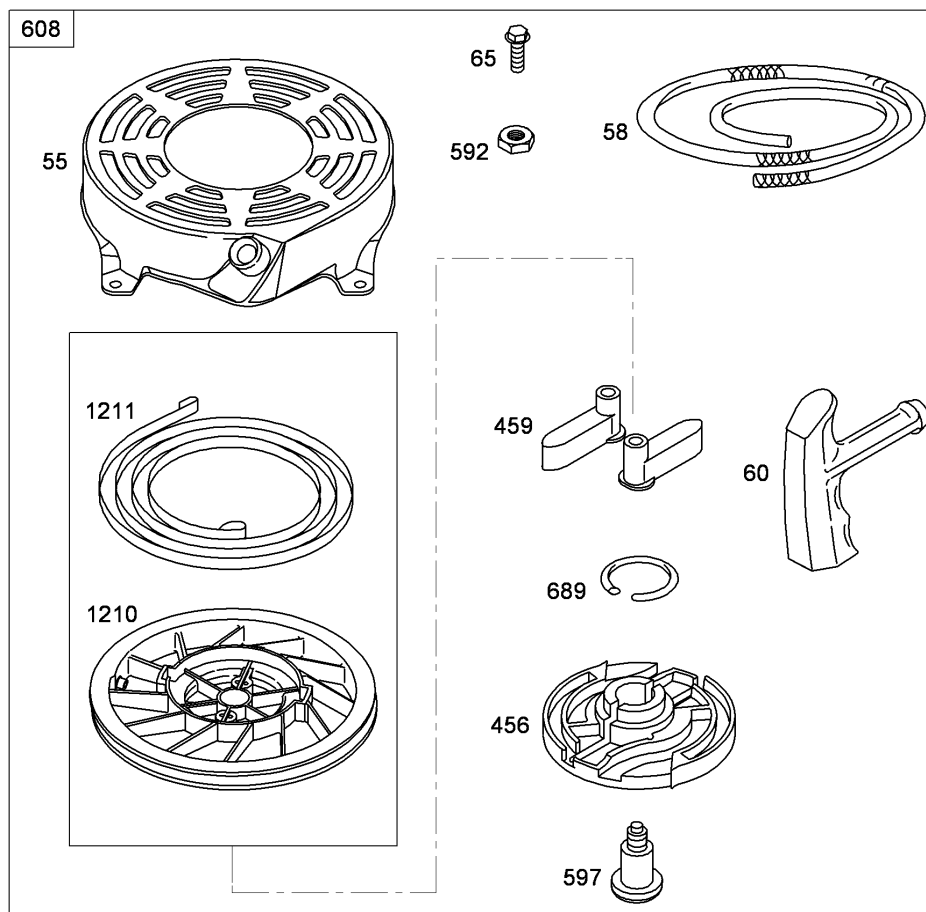
Ref	Part No.	Qty.	Description				
81	691740	1	Lock-Screw, Muffler				
187	791873	1	Line-Fuel (Molded)				
190	690940	1	Screw (Fuel Tank)				
291	790830	1	Thermostat				
300	790828	1	Muffler				
601	791850	1	Clamp-Hose				
613	790833	1	Screw (Muffler)				
670	692294	1	Spacer-Tank, Fuel				
676	493871	1	Deflector-Muffler				
677	690661	1	Screw (Muffler Deflector)				
883	691881	1	Gasket-Exhaust				
957	699985	1	Cap-Tank, Fuel				
972	699374	1	Tank-Fuel				
1059	692311	1	Screw And Washer Kit				
1386	790848	1	Vane-Air				
1387	790849	1	Spring-Vane, Air				
1388	790850	1	Screw (Air Vane)				



Assemblies include all parts shown in frames

Blower Housing Assembly
Briggs and Stratton 126T05-0247-B1

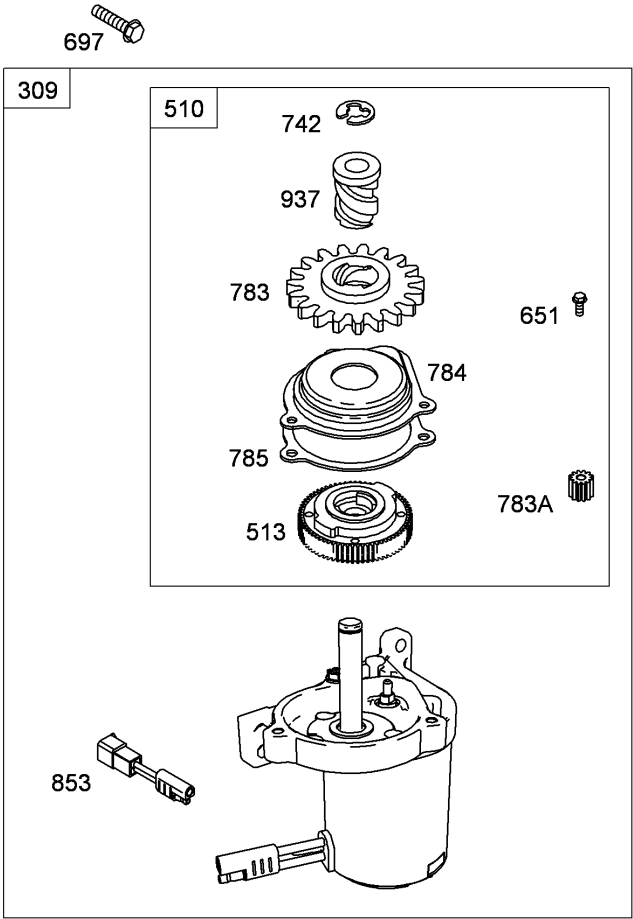
Ref	Part No.	Qty.	Description				
❶23	691987	1	Flywheel				
❶37	694086	1	Guard-Flywheel				
❶78	691108	1	Screw (Flywheel Guard)				
❶304	791135	1	Housing-Blower				
❶305	691108	1	Screw (Blower Housing)				
❶332	690662	1	Nut (Flywheel)				
❶363	19069	1	Puller-Flywheel				
❶455	791960	1	Cup-Flywheel				
❶921	792652	1	Cover-Housing, Blower				
❶969	691138	1	Screw (Blower Housing Cover)				
❶1036		1	Label-Emissions				



Assemblies include all parts shown in frames

Starter Assembly
Briggs and Stratton 126T05-0247-B1

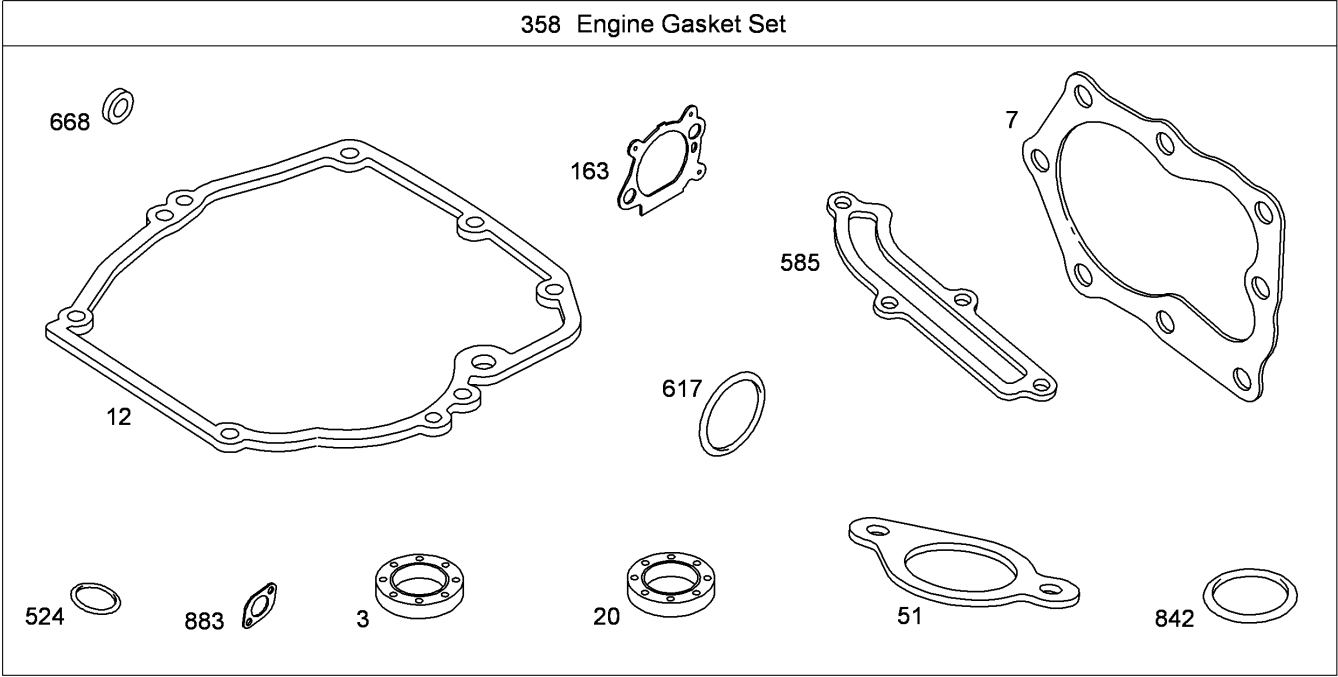
Ref	Part No.	Qty.	Description				
③55	691421	1	Housing-Starter, Rewind				
③58	697316	1	Rope-Starter (Cut To Required Length)				
③60		1	Grip-Starter Rope (Transfer Handle To Original Engine Or For Service Of Starter Rope Grip See Oem)				
③65	690837	1	Screw (Rewind Starter)				
③456	692299	1	Plate-Friction, Pawl				
③459	281505s	1	Ratchet-Pawl				
③592	690800	1	Nut (Rewind Starter)				
③597	691696	1	Screw (Pawl Friction Plate)				
③608	497680	1	Starter-Rewind				
③689	691855	1	Spring-Friction				
③1210	498144	1	Pulley And Spring ASM (Pulley)				
③1211	498144	1	Pulley And Spring ASM (Spring)				



Assemblies include all parts shown in frames

Electric Starter Assembly
Briggs and Stratton 126T05-0247-B1

Ref	Part No.	Qty.	Description				
309	795092	1	Motor-Starter				
510	795093	1	Drive-Starter				
513	795100	1	Clutch-Drive				
651	691660	1	Screw (Starter Gear Cover)				
697	691127	1	Screw (Starter Motor)				
742	795094	1	Retainer-E Ring				
783	795096	1	Gear-Pinion				
783A	795099	1	Gear-Pinion				
784	795095	1	Cover-Starter Gear				
785	795097	1	Gasket-Starter Cover				
853	695268	1	Adapter-Wire				
937	795098	1	Spline-Starter				

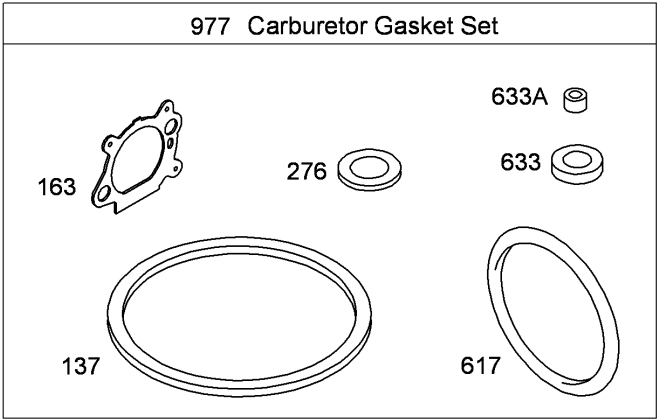
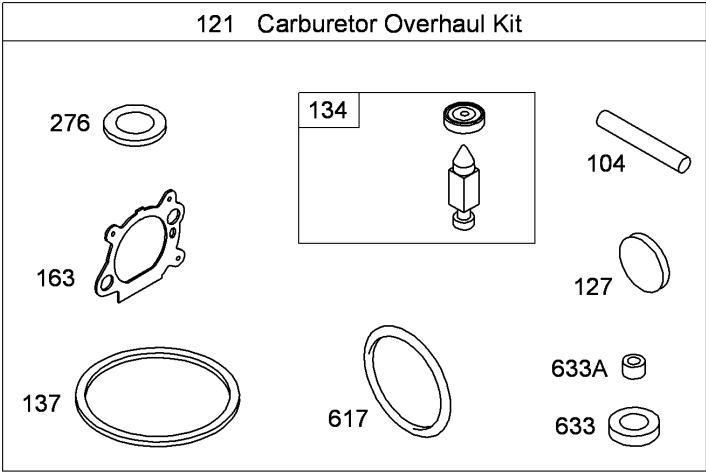


Assemblies include all parts shown in frames

Engine Gasket Set

Briggs and Stratton 126T05-0247-B1

Ref	Part No.	Qty.	Description				
353	299819s	1	Seal-Oil (Magneto Side)				
357	692249	1	Gasket-Head, Cylinder				
3512	692232	1	Gasket-Crankcase				
3520	399781s	1	Seal-Oil (PTO Side)				
3551	794306	1	Gasket-Intake				
34163	272653s	1	Gasket-Cleaner, Air				
36							
358	794307	1	Engine Gasket Set				
3524	692296	1	Seal-O Ring (Dipstick Tube)				
35585	691879	1	Gasket-Passage, Breather				
34617	270344s	1	Seal-O Ring (Intake Manifold)				
36							
35668	493823	1	Spacer				
35842	691031	1	Seal-O Ring (Dipstick)				
35883	691881	1	Gasket-Exhaust				



Assemblies include all parts shown in frames

Carburetor Overhaul Kit

Briggs and Stratton 126T05-0247-B1

Ref	Part No.	Qty.	Description				
3 4 104	691242	1	Pin-Hinge, Float				
3 121	498260	1	Carburetor Overhaul Kit				
3 4 127	694468	1	Plug-Welch				
3 4 134	398188	1	Needle And Seat Kit				
3 4 137	693981	1	Gasket-Bowl, Float				
6							
3 4 163	272653s	1	Gasket-Cleaner, Air				
5 6							
3 4 276	271716	1	Washer-Sealing				
6							
3 4 617	270344s	1	Seal-O Ring (Intake Manifold)				
5 6							
3 4 633	691321	1	Seal-Shaft, Choke Throttle				
6							
3 4 633A	693867	1	Seal-Shaft, Choke Throttle				
6							
3 977	498261	1	Carburetor Gasket Set				

Attachments and Accessories

For 10666C - Insight Lawn Mower

Product Name	Model/Part
Replacement Air Filter	104-7944
Lawn Boy Paint	110-8800
Replacement Bag	89815
Rear Bag Kit	89913
21 Inch Blade	89914
Cruise Control Kit	89919

