



22in Recycler[®] Lawn Mower

Model No. 20087 - 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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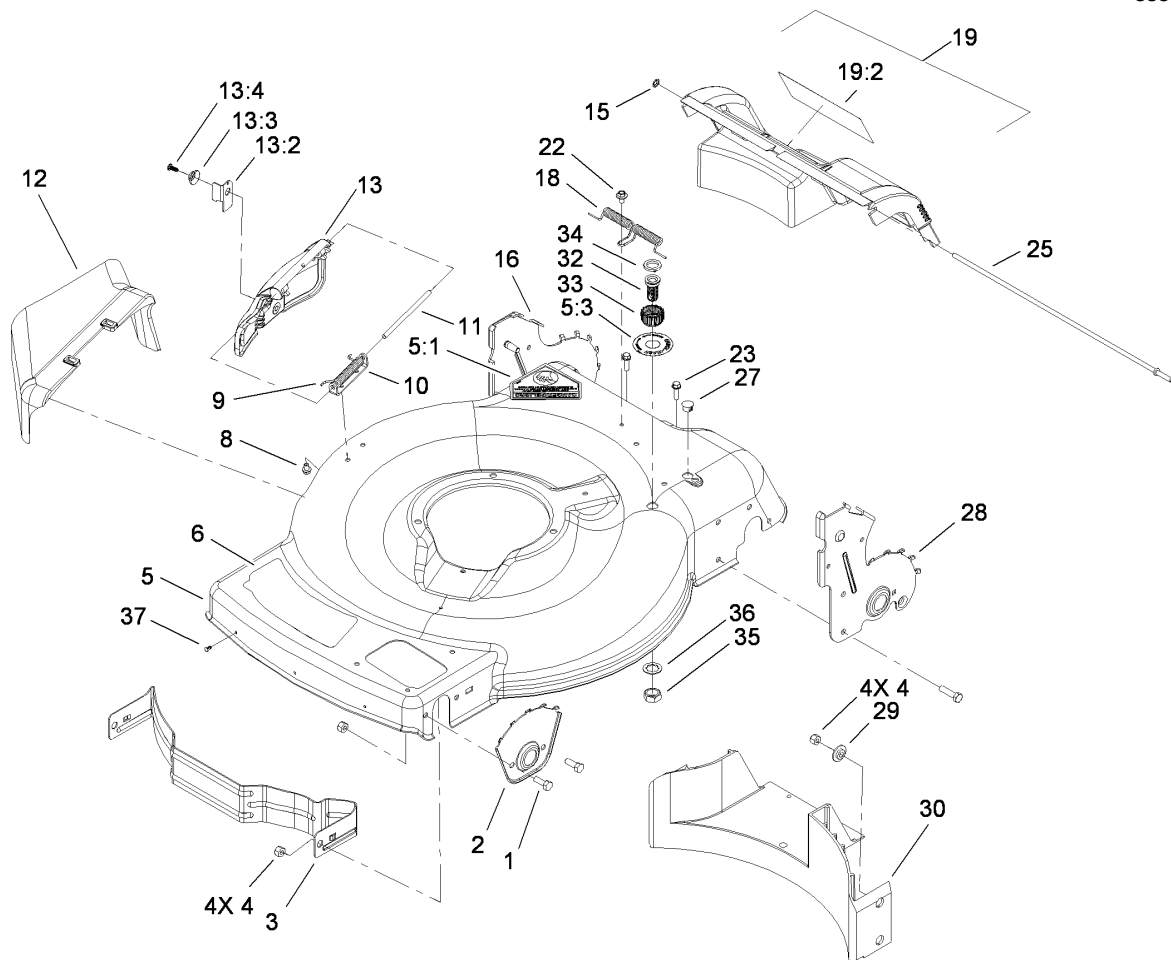
Part Description Abbreviations

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
HSH. hex socket head	STD. standard
HWH. hex washer head	TAP. self tapping
HWHTF. hex washer head thread forming	TTH. torx truss head

Footnotes

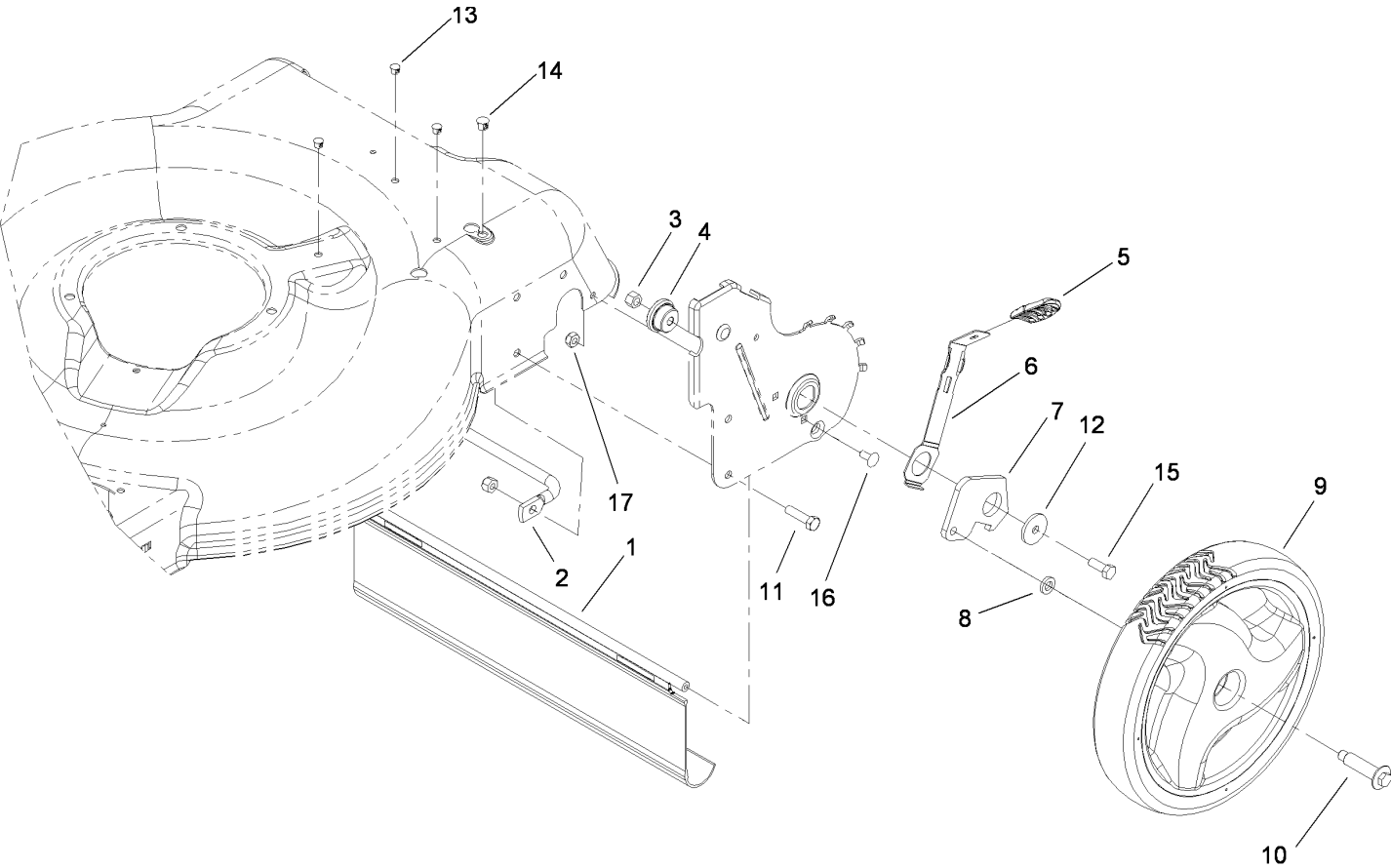
- | | |
|--|---|
| ❶ Not serviced separately | ❷ Obtain from your local Briggs & Stratton dealer |
| ❸ Included in Carburetor Overhaul Kit (Ref. No. 121) | ❹ Included in Engine Gasket Set (Ref. No. 358) |
| ❺ Included in Carburetor Gasket Set (Ref. No. 977) | |



Deck, Side Chute and Rear Door Assembly

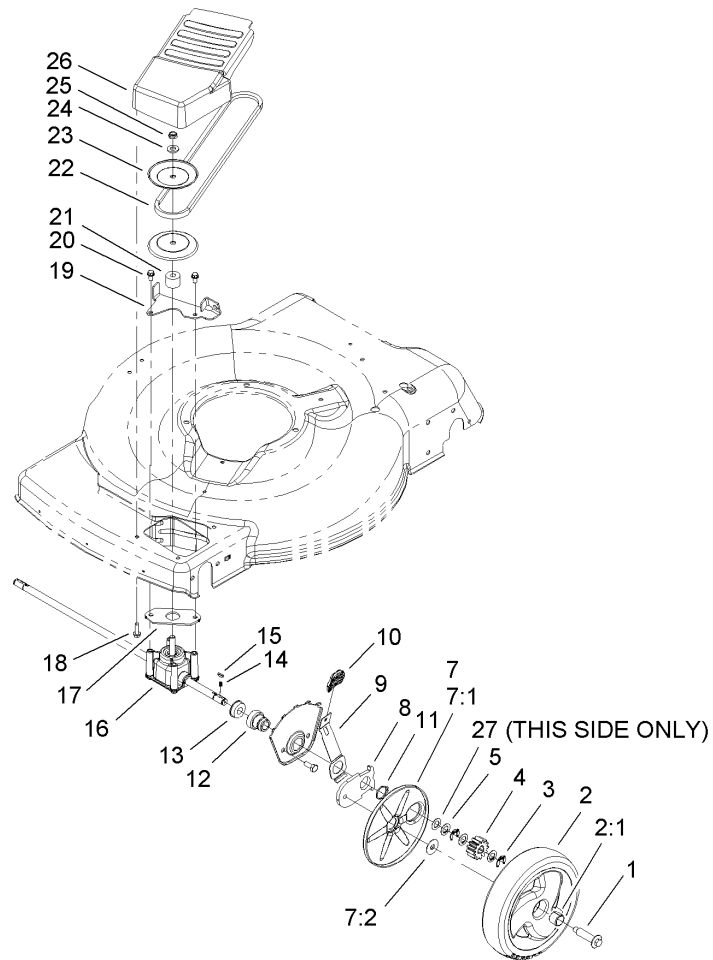
Ref	Part No.	Qty.	Description
1	322-3	4	Screw-HH
2	105-1808-03	2	Plate-HOC, Front
3	104-8694-03	1	Baffle-Front
4	3296-29	8	Nut-Lock, NI
5	112-8850	1	Housing ASM
5:1	94-8072	1	Decal-Danger
5:3	112-8867	1	Decal-Washout Port, Trilingual
6	114-0322	1	Decal-Deck
8	99-8445	2	Screw-HWH
9	99-5293	1	Spring-Torsion
10	112-6416	1	Bracket-Cover
11	99-5291	1	Rod-Cover
12	105-3028	1	Chute-Discharge, Side
13	106-8376	1	Discharge Door ASM
13:2	107-0795	1	Latch-Door
13:3	107-7456	1	Cap-Door
13:4	107-7461	1	Screw-Plastite
15	32112-6	1	Nut-Push
16	112-6445	1	11 Inch RH HOC Plate ASM
18	105-3032	1	Spring-Door, Rear
19	112-8864	1	Rear Door ASM
19:2	112-8759	1	Decal-Warning
22	46-6810	1	Screw And Washer ASM
23	46-8091	2	Screw-HWH

Ref	Part No.	Qty.	Description
25	105-1827	1	Rod-Pivot, Rear Door
27	104-9369	1	Plug-Dome
28	112-6447	1	11 Inch :lh HOC Plate ASM
29	105-3006	4	Washer-Stepped
30	105-3047	1	Baffle-Rear
32	112-6400	1	Port-Washout
33	112-6401	1	Coupling-Hose, Washout Port
34	112-6438	1	Washer-Seal, Washout Port
35	3218-6	1	Nut-Jam
36	3254-5	1	Washer-Tooth
37	112-6436	3	Plug-Arrow



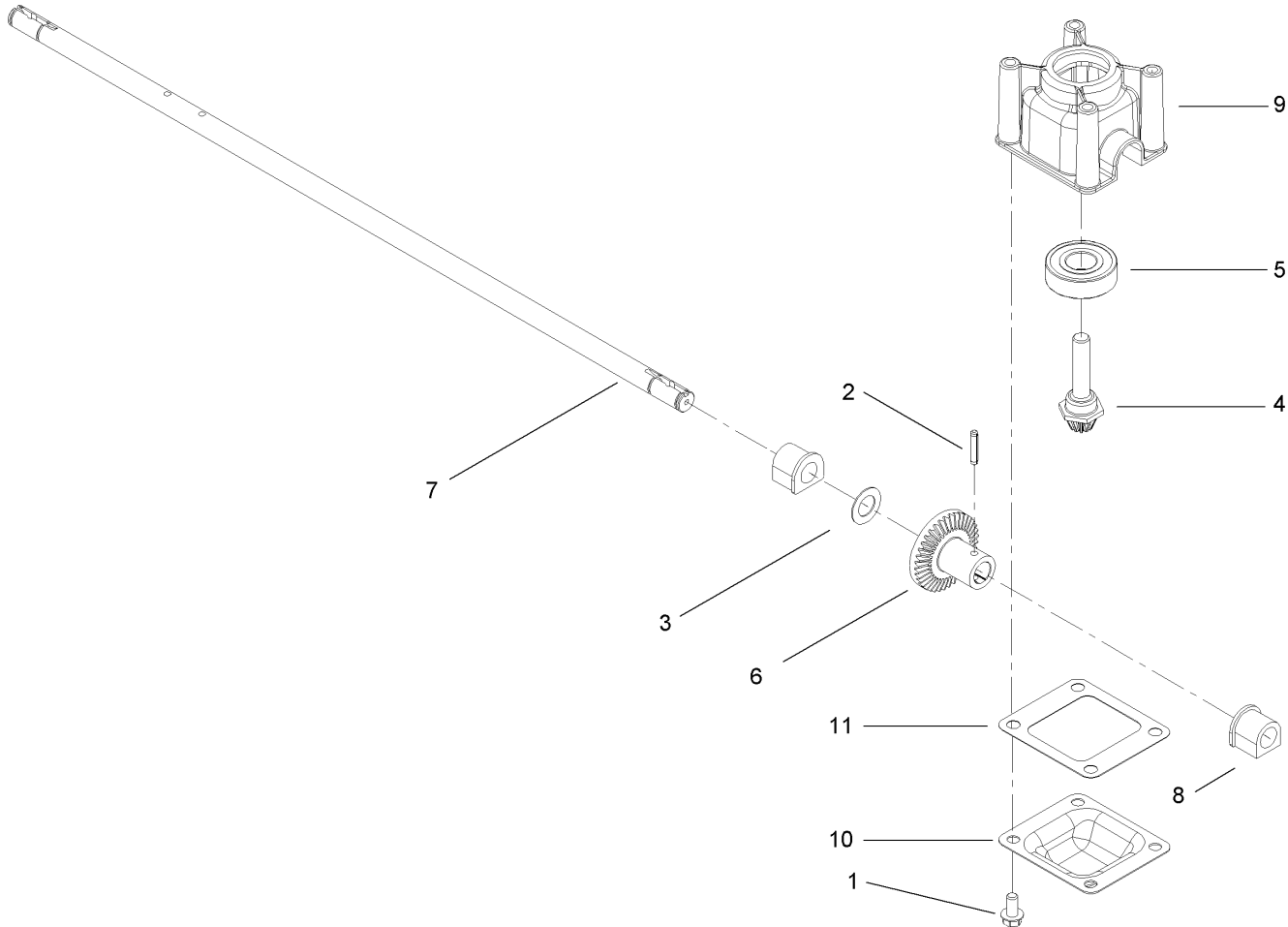
Rear Axle Assembly

Ref	Part No.	Qty.	Description				
1	114-1585	1	Shield-Trailing				
2	105-1811	1	Brace-Plate, HOC				
3	32153-3	2	Nut-Hex, Side Deform				
4	110-1612	2	Bushing-Mount				
5	105-3042	2	Knob-Lever, HOC				
6	110-1630	2	Arm-11 Inch Spring, Rear				
7	108-9781	2	Arm-Pivot, Rear				
8	110-7466	2	Washer-Bolt, Wheel				
9	110-1632	2	11 Inch Wheel ASM				
10	614650	2	Bolt-Shoulder				
11	322-6	4	Screw-HH				
12	105-3048	2	Washer-Flat				
13	104-9373	3	Plug-Dome				
14	104-9368	1	Plug-Dome				
15	322-4	2	Screw-HH				
16	3229-11	4	Screw-CARR				
17	3296-16	4	Nut-Lock, NI				



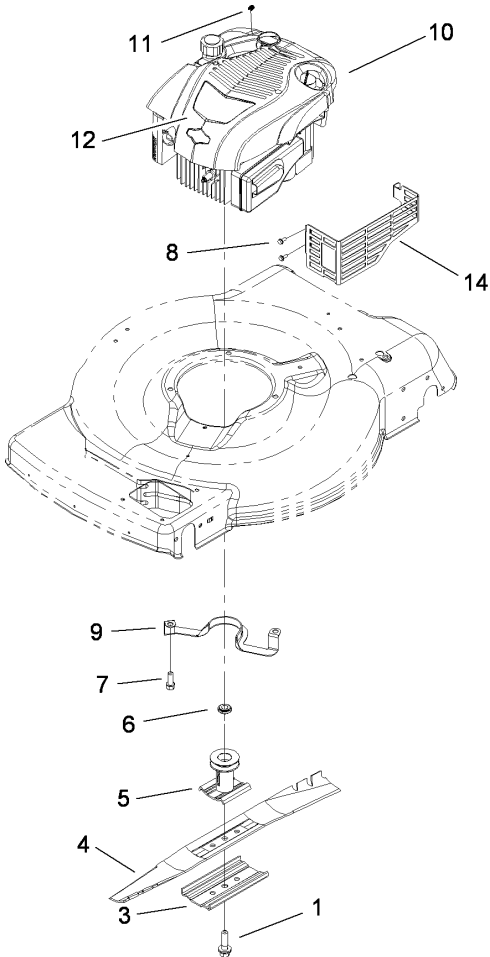
Front Axle and Transmission Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	614650	2	Bolt-Shoulder	23	104-8691	2	Pulley-Half, Front
2	105-1815	2	Wheel Gear ASM	24	3256-24	1	Washer-Flat
2:1	27-6250	2	Bushing	25	3296-5	1	Nut-Lock
3	65-2720	4	Ring-Clip, Locking	26	105-1839	1	Cover-Belt, Front
4	104-8670	2	Gear-Pinion, 13T	27	36-4780	1	Washer-Plain
5	105-6840	6	Washer-Thrust				
7	110-1792	2	Wheel Cover ASM				
7:1		1	Cover-Wheel				
7:2	614426	1	Washer-Stepped				
8	105-1807	2	Arm-Pivot, Front				
9	105-1809	2	Arm-Spring				
10	105-3042	2	Knob-Lever, HOC				
11	32151-36	2	Ring-Retaining				
12	104-8698	2	Retainer-Bearing, HOC				
13	104-8699	2	Bearing-Ball				
14	39-9650	2	Spring-Compression				
15	612066	2	Key				
16	106-3955	1	Transmission ASM				
17	108-9756	1	Gasket-Gearbox				
18	46-8091	2	Screw-HWH				
19	105-1833-03	1	Bracket-Pivot, Fwd				
20	32144-4	2	Screw-HWH				
21	92-5791	1	Spacer				
22	91-2258	1	V-Belt				



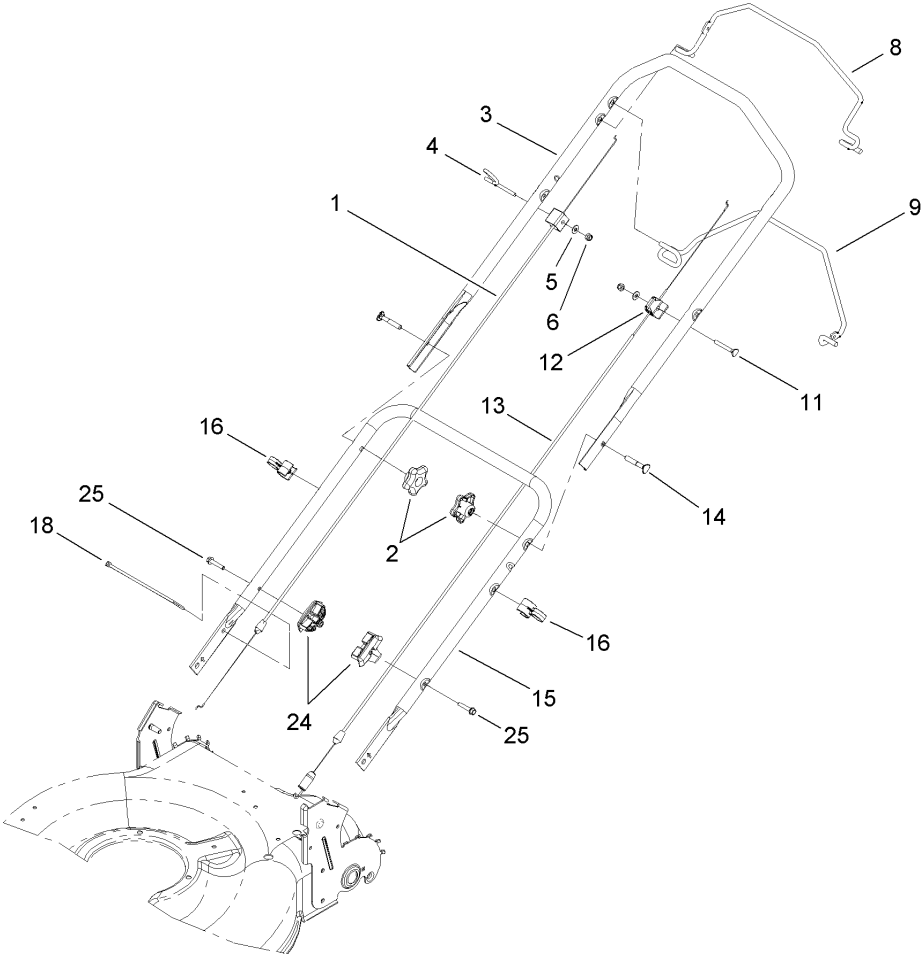
Transmission Assembly No. 106-3955

Ref	Part No.	Qty.	Description				
1	32144-4	4	Screw-HWH				
2	3285-19	1	Pin-Groove				
3	36-4780	1	Washer-Plain				
4	92-5790	1	Pinion				
5	100-1048	1	Bearing-Ball				
6	104-8671	1	Gear-Bevel, 37T				
7	106-3957	1	Shaft-Output				
8	104-8673	2	Bushing-Shaft, Output				
9	104-8674	1	Gearcase-Upper				
10	104-8675-03	1	Cover-Gearcase				
11	105-6839	1	Gasket-Gearcase				



Engine and Blade Assembly

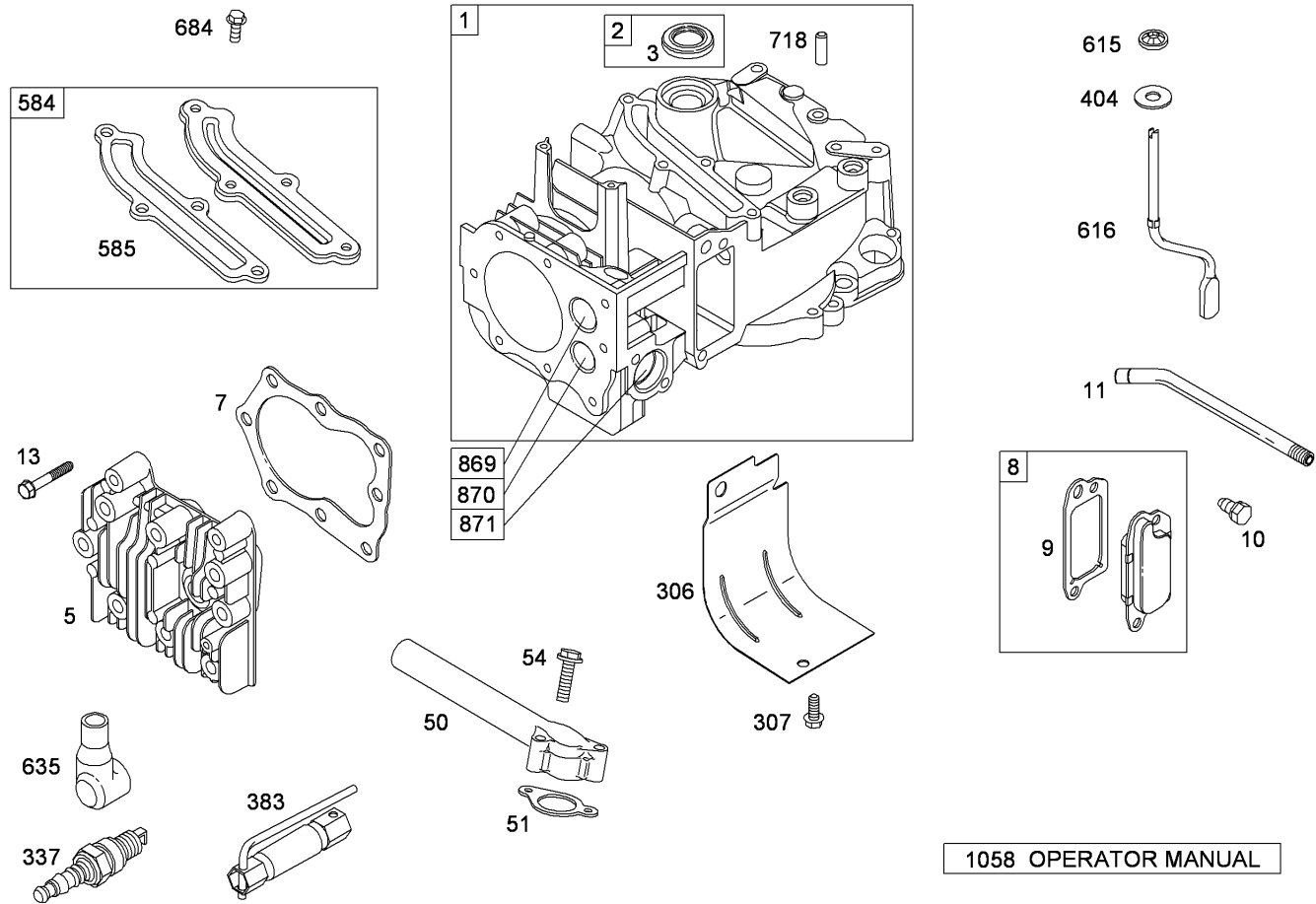
Ref	Part No.	Qty.	Description				
1	105-8579	1	Bolt-Blade				
3	108-3766-03	1	Support-Blade				
4	108-9764-03	1	Blade-22 Inch				
5	106-3987	1	Blade Driver ASM				
6	106-3999	1	Spacer-Driver				
7	95-1726	3	Screw-Taptite				
8	32144-1	3	Screw-Taptite				
9	105-3031-03	1	Guide-Belt				
10		1	Engine-Briggs And Stratton, 124L02-0212-F1				
11	92-1701	1	Stop-Rope				
12	115-1308	1	Decal				
14	104-7577-03	1	Shield-Muffler				



Handle Assembly

Ref	Part No.	Qty.	Description				
1	108-8156	1	Cable-Brake				
2	108-8162	2	Knob-Locking				
3	108-9789-05	1	Handle-Upper				
4	106-8330	1	Guide-Rope				
5	3256-1	2	Washer-Flat				
6	3296-73	2	Nut-Lock, NI				
8	114-7923-03	1	Bail-Brake				
9	108-9790-03	1	Bail-Traction				
11	95-4453	1	Screw				
12	92-7729	1	Anchor-Cable, Upper				
13	105-1845	1	Cable-Traction				
14	112-8876	2	Screw-Handle				
15	112-6440-05	1	Handle-Lower				
16	106-6805	2	Guide-Cable				
18	614249	1	Strap-Tie				
24	108-9788	2	Anchor-Bag				
25	32144-110	2	Screw-HWH				





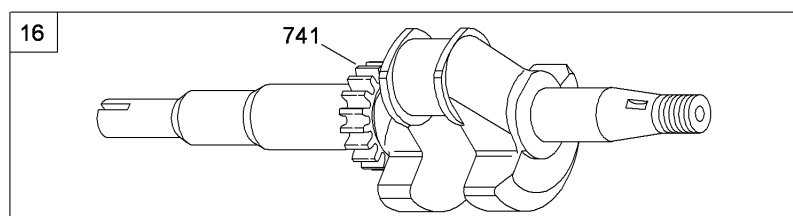
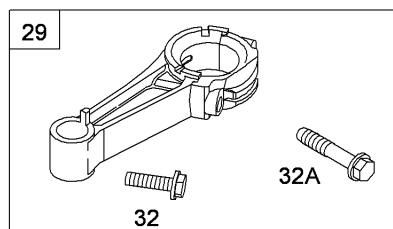
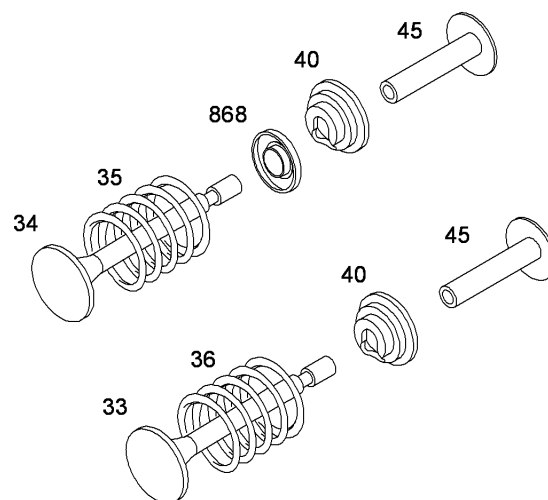
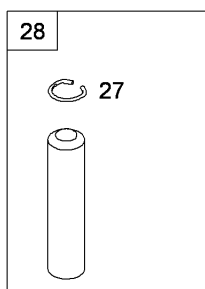
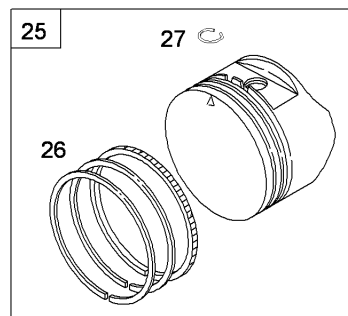
Assemblies include all parts shown in frames

Cylinder Assembly

Briggs and Stratton 124L02-0212-F1

Ref	Part No.	Qty.	Description
1	697322	1	Cylinder ASM
2	399269	1	Bushing And Seal Kit
3	299819s	1	Seal-Oil (Magneto Side)
4	691160	1	Head-Cylinder
5	692249	1	Gasket-Head, Cylinder
6	695250	1	Breather ASM
7	696125	1	Gasket-Breather
8	691125	1	Screw (Breather ASM)
9	691781	1	Tube-Breather
10	690912	1	Screw (Cylinder Head)
11	497465	1	Manifold-Intake
12	272199s	1	Gasket-Intake
13	691650	1	Screw (Intake Manifold)
14	690450	1	Shield-Cylinder
15	690345	1	Screw (Cylinder Shield)
16	802592s	1	Plug-Spark
17	89838s	1	Wrench-Spark Plug
18	690272	1	Washer (Governor Crank)
19	697734	1	Cover-Passage, Breather
20	691879	1	Gasket-Passage, Breather
21	690340	1	Retainer-Shaft, Governor
22	698801	1	Crank-Governor
23	66538s	1	Boot-Spark Plug
24	690345	1	Screw (Breather Passage Cover)

Ref	Part No.	Qty.	Description
25	690959	1	Pin-Locating
26	691155	1	Seat-Valve (Intake)
27	690380	1	Seat-Valve (Exhaust)
28	262001	1	Bushing-Guide (Exhaust)
29	63709	1	Bushing-Guide (Intake)
30	277039TRI	1	Operator Manual

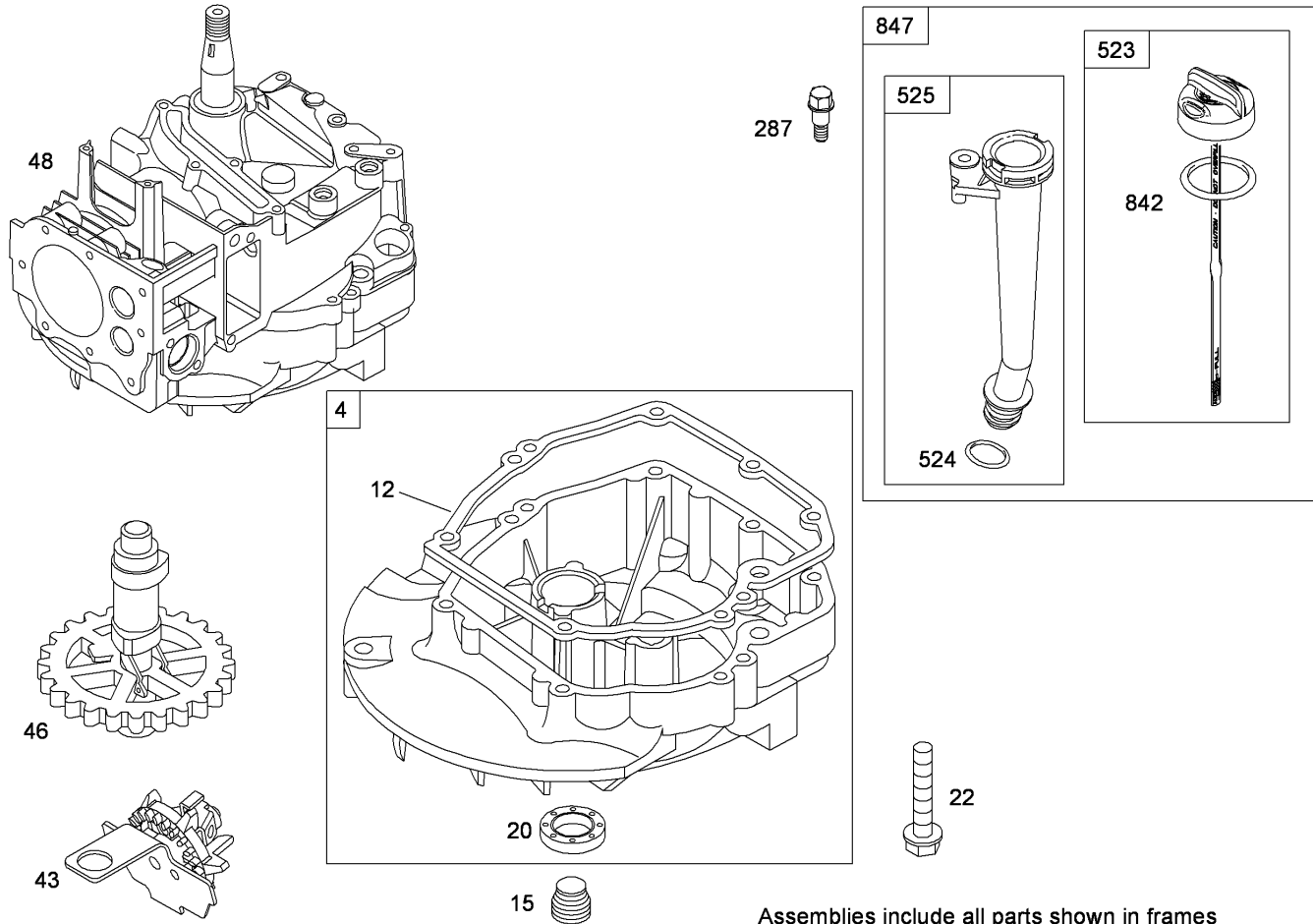


Assemblies include all parts shown in frames

Crankshaft Assembly

Briggs and Stratton 124L02-0212-F1

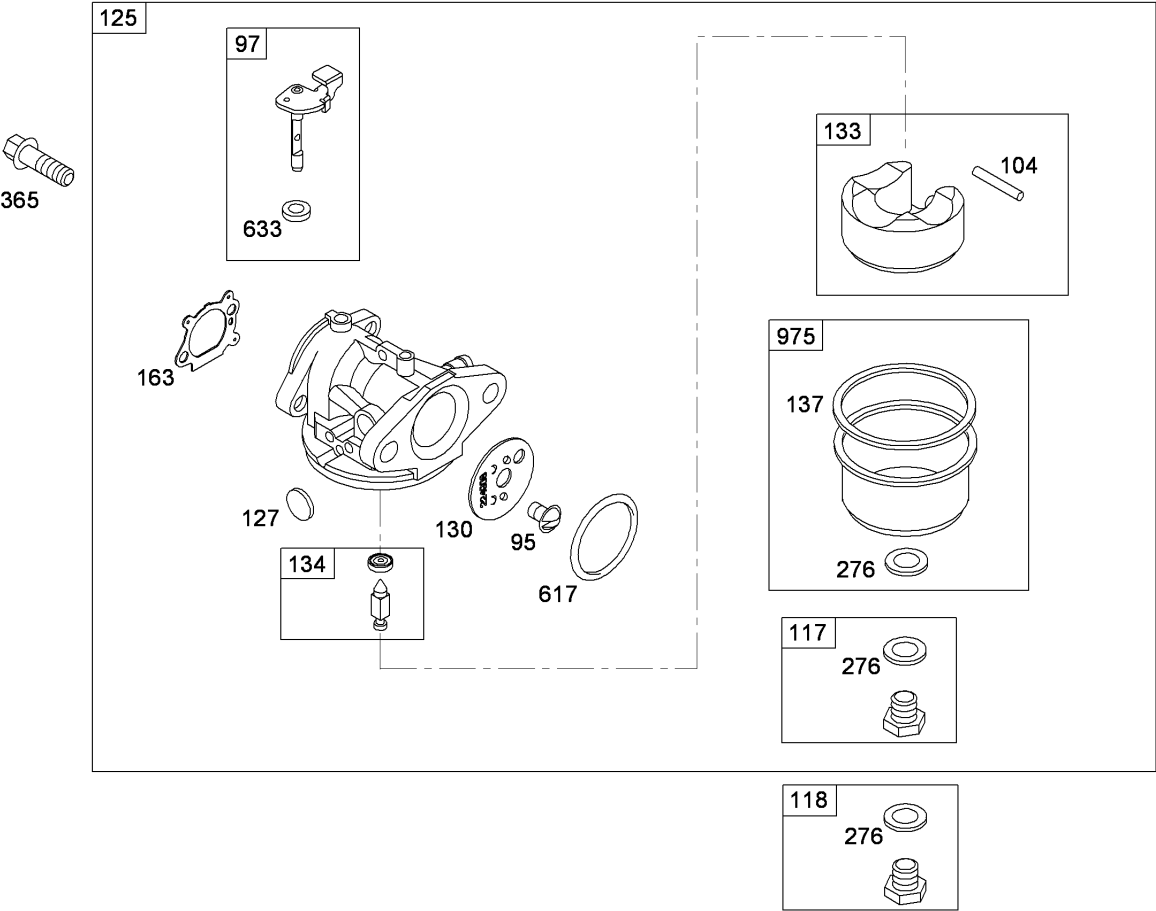
Ref	Part No.	Qty.	Description				
216	696009	1	Crankshaft				
224	222698s	1	Key-Flywheel				
225	791097	1	Piston ASM (STD)				
225	791326	1	Piston ASM (.020 O S)				
226	791098	1	Ring Set (STD)				
226	791324	1	Ring Set (.020 O S)				
227	691866	1	Lock-Pin, Piston				
228	499423	1	Pin-Piston (STD)				
229	499424	1	Rod-Connecting (STD)				
232	691664	1	Screw (Connecting Rod)				
232A	695759	1	Screw (Connecting Rod)				
233	262651s	1	Valve-Exhaust				
234	262652s	1	Valve-Intake				
235	691270	1	Spring-Valve (Intake)				
236	691270	1	Spring-Valve (Exhaust)				
240	692194	1	Retainer-Valve				
245	690548	1	Tappet-Valve				
2741	790345	1	Gear-Timing				
2868	697338	1	Seal-Valve				



Assemblies include all parts shown in frames

Crankcase Assembly
Briggs and Stratton 124L02-0212-F1

Ref	Part No.	Qty.	Description				
24	493279	1	Sump-Engine				
2412	692232	1	Gasket-Crankcase (.015 STD)				
215	691680	1	Plug-Drain, Oil				
2420	399781s	1	Seal-Oil (PTO Side)				
222	691092	1	Screw (Engine Sump)				
243	691997	1	Slinger-Governor, Oil				
246	691449	1	Camshaft				
248	792742	1	Block-Short				
2287	690940	1	Screw (Dipstick Tube)				
2523	499621	1	Dipstick				
24524	692296	1	Seal-O Ring (Dipstick Tube)				
2525	495265	1	Tube-Dipstick				
24842	691031	1	Seal-O Ring (Dipstick Tube)				
2847	692047	1	Dipstick Tube ASM				

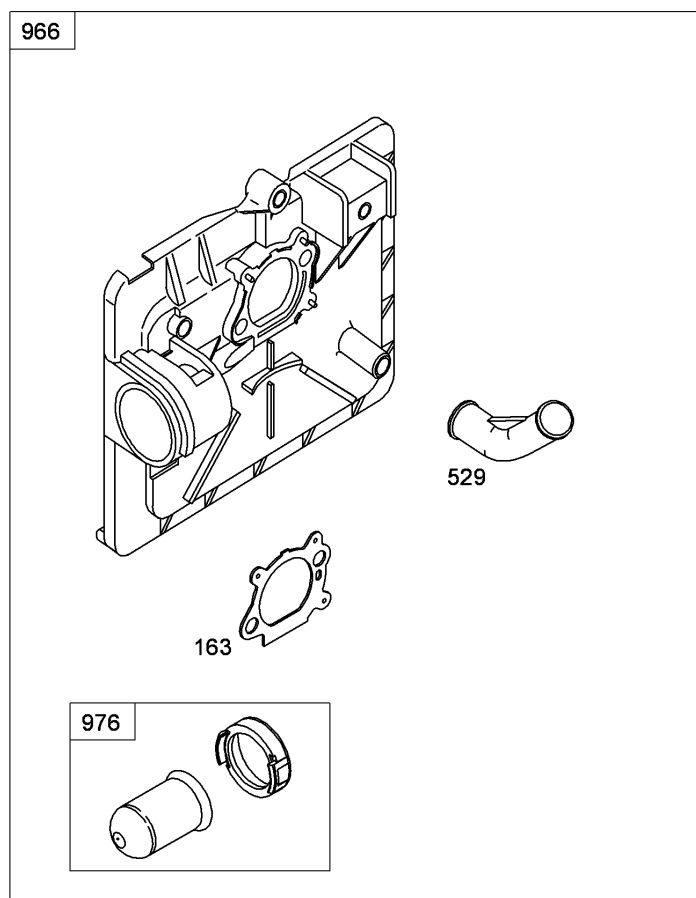


Assemblies include all parts shown in frames

Carburetor Assembly

Briggs and Stratton 124L02-0212-F1

Ref	Part No.	Qty.	Description				
295	691636	1	Screw (Throttle Valve)				
297	696565	1	Shaft-Throttle				
23104	691242	1	Pin-Hinge, Float				
2117	498978	1	Jet-Main (STD)				
2118	494870	1	Jet-Main (High Altitude)				
2125	498170	1	Carburetor				
23127	694468	1	Plug-Welch				
2130	696564	1	Valve-Throttle				
2133	398187	1	Float-Carburetor				
23134	398188	1	Needle And Seat Kit				
23137	693981	1	Gasket-Bowl, Float				
5							
23163	272653	1	Gasket-Cleaner, Air				
45							
23276	271716	1	Washer-Sealing				
5							
2365	692524	1	Screw (Carburetor)				
23617	270344s	1	Seal-O Ring (Intake Manifold)				
5							
23633	691321	1	Seal-Shaft, Choke Throttle				
5							
2975	493640	1	Bowl-Float				

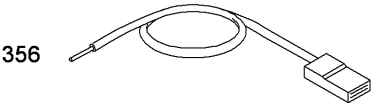
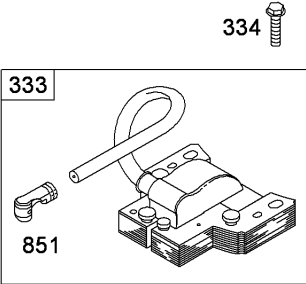
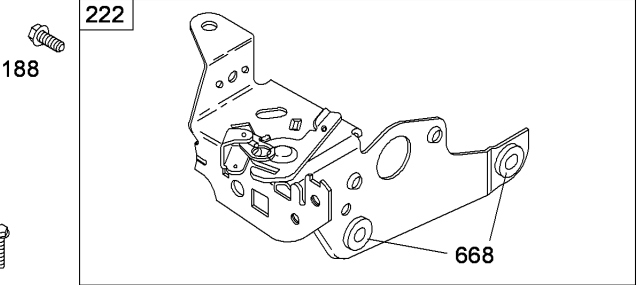
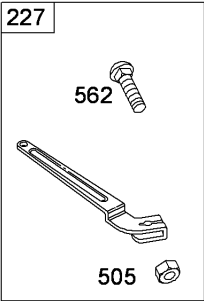
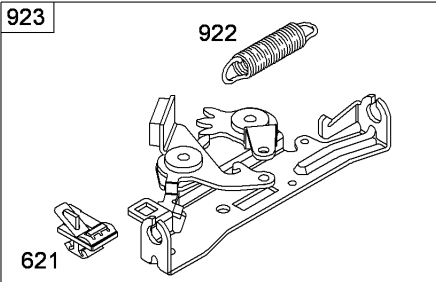
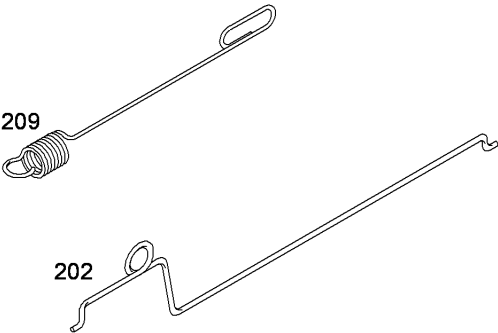


Assemblies include all parts shown in frames

Air Cleaner Assembly

Briggs and Stratton 124L02-0212-F1

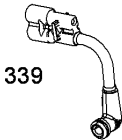
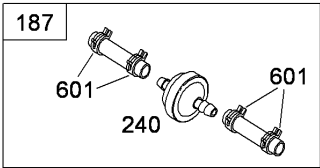
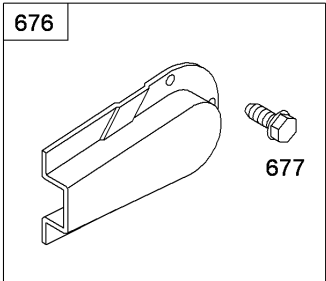
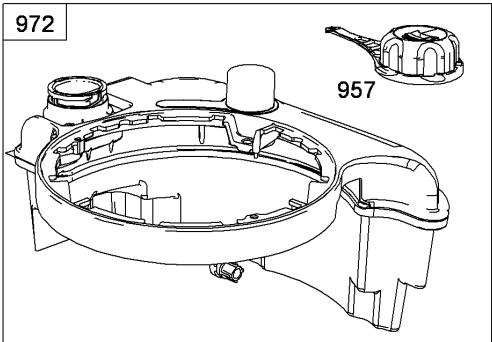
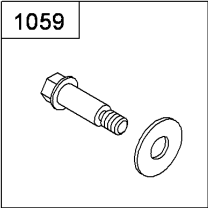
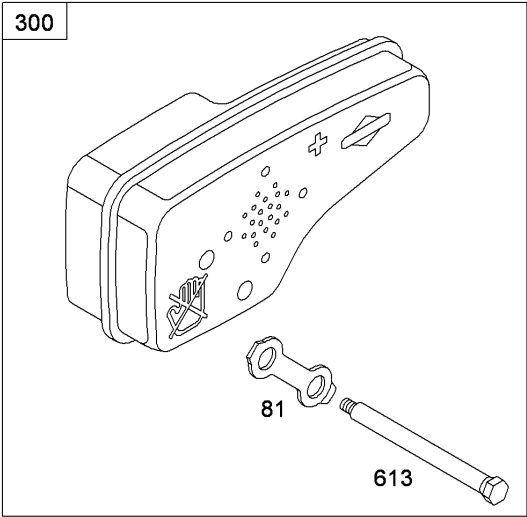
Ref	Part No.	Qty.	Description
2 3 163 4	272653s	1	Gasket-Cleaner, Air
2 425	690670	1	Screw (Air Cleaner Cover)
2 443	692523	1	Screw (Air Cleaner Primer Base)
2 445	491588s	1	Filter-Cartridge, Air Cleaner
2 529	691923	1	Grommet
2 966	792040	1	Base-Primer, Air Cleaner
2 968	692298	1	Cover-Cleaner, Air
2 976	694395	1	Primer-Carburetor



Assemblies include all parts shown in frames

Governor Assembly
Briggs and Stratton 124L02-0212-F1

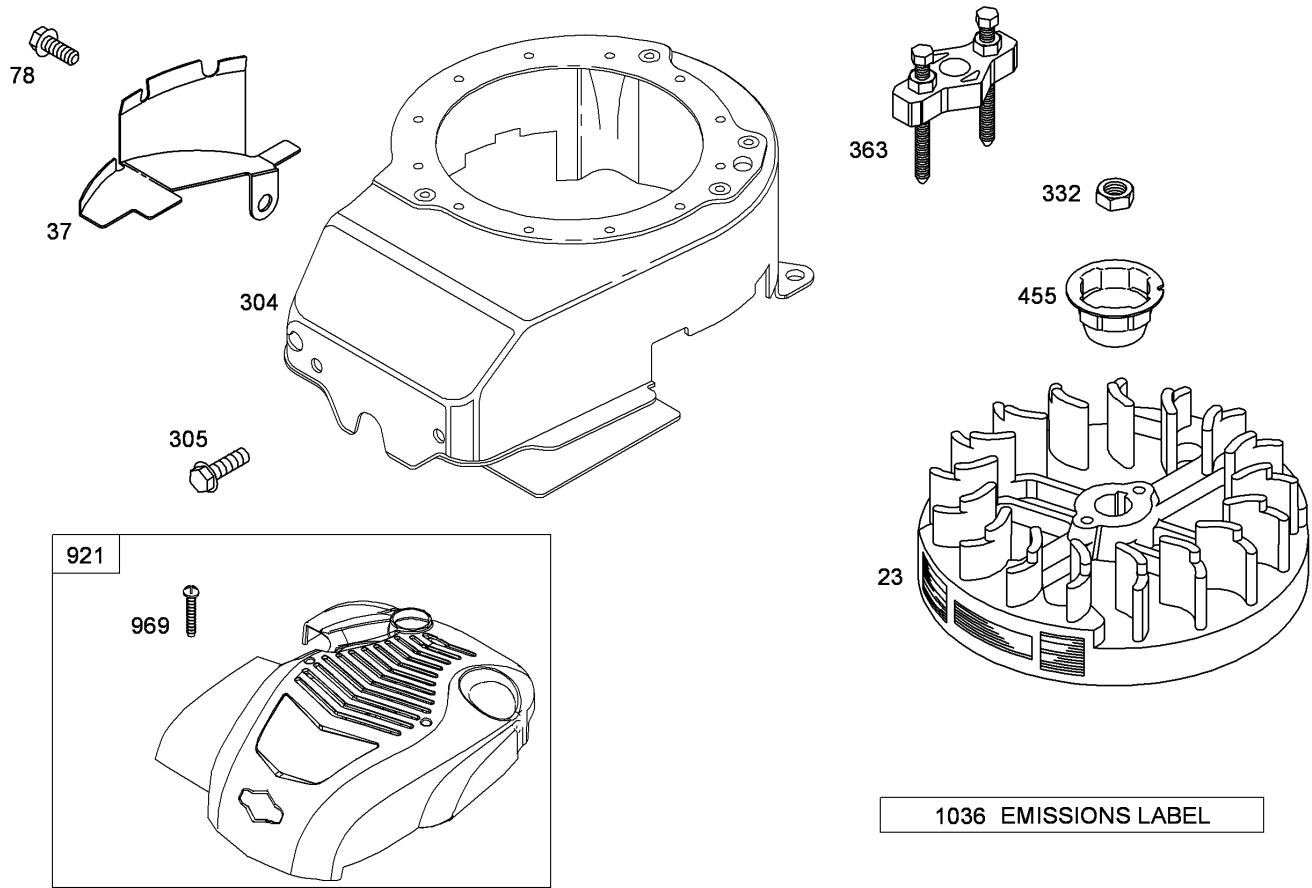
Ref	Part No.	Qty.	Description				
2188	693399	1	Screw (Control Bracket)				
2202	691829	1	Link-Governor, Mechanical				
2209	691292	1	Spring-Governor				
2222	793754	1	Bracket-Control				
2227	690783	1	Lever-Control, Governor				
2333	802574	1	Armature-Magneto				
2334	691061	1	Screw (Magneto Armature)				
2356	692390	1	Wire-Stop				
2505	691251	1	Nut (Governor Control Lever)				
2562	691119	1	Screw (Governor Control Lever)				
2621	692310	1	Switch-Stop				
2668	493823	1	Spacer				
2745	691648	1	Screw (Brake)				
2851	493880s	1	Terminal-Spark Plug				
2922	691831	1	Spring-Brake				
2923	691994	1	Brake ASM				



Assemblies include all parts shown in frames

Muffler and Fuel Tank Assembly
Briggs and Stratton 124L02-0212-F1

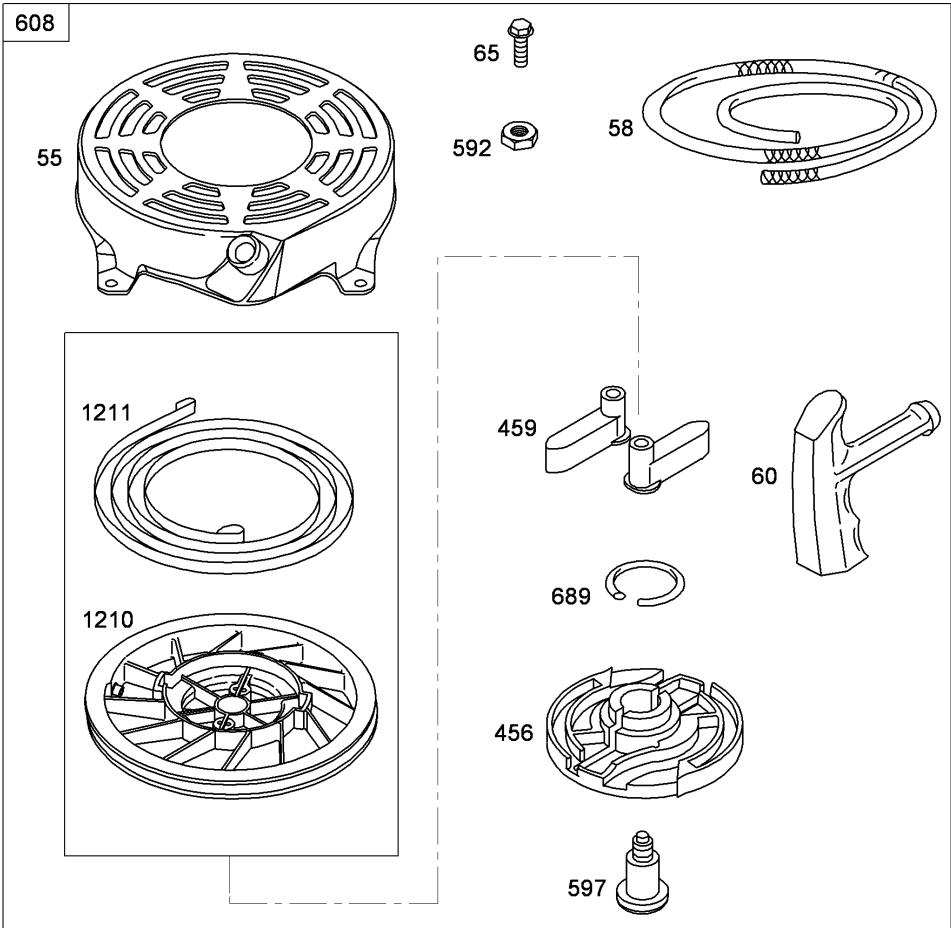
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281	691740	1	Lock-Screw, Muffler				
2187	791891	1	Line--Fuel (Cut To Required Length)				
2190	690940	1	Screw (Fuel Tank)				
2240	298090S	1	Filter-Fuel				
2300	692038	1	Muffler				
2339	794797	1	Tube And Connector ASM				
2601	791850	1	Clamp-Hose				
2613	691340	1	Screw (Muffler)				
2670	692294	1	Spacer-Tank, Fuel				
2676	493871	1	Deflector-Muffler				
2677	690661	1	Screw (Muffler Deflector)				
2957	794793	1	Cap-Tank, Fuel				
2972	794792	1	Tank-Fuel				
21059	692311	1	Screw And Washer Kit				



Assemblies include all parts shown in frames

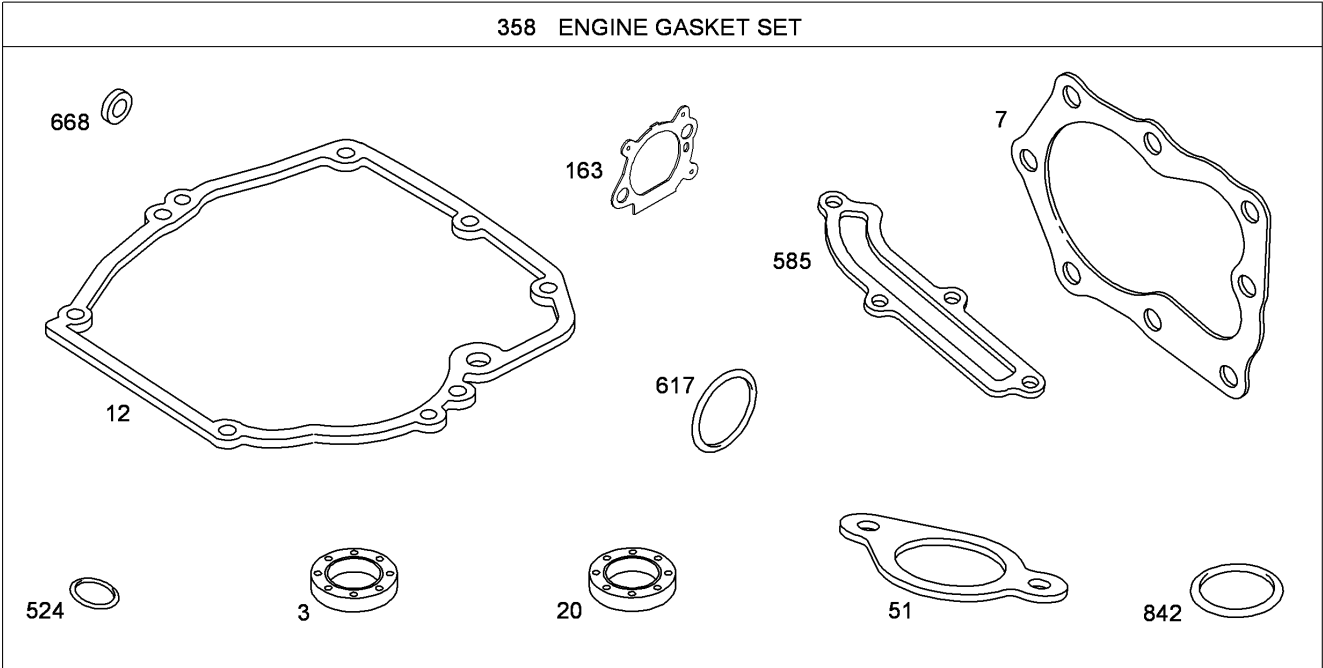
Blower Housing Assembly
Briggs and Stratton 124L02-0212-F1

Ref	Part No.	Qty.	Description				
23	691987	1	Flywheel				
37	694086	1	Guard-Flywheel				
78	691108	1	Screw (Flywheel Guard)				
304	694769	1	Housing-Blower				
305	691108	1	Screw (Blower Housing)				
332	690662	1	Nut (Flywheel)				
363	19069	1	Puller-Flywheel				
455	791760	1	Gasket-Passage, Breather				
921	795089	1	Cover-Blower Housing				
969	691138	1	Screw (Blower Housing Cover)				
1036		1	Label-Emissions				



Starter Assembly
Briggs and Stratton 124L02-0212-F1

Ref	Part No.	Qty.	Description				
②55	691421	1	Housing-Starter, Rewind				
②58	697316	1	Rope-Starter (Cut To Required Length)				
②60	281434s	1	Grip-Rope, Starter				
②65	690837	1	Screw (Rewind Starter)				
②456	692299	1	Plate-Friction, Pawl				
②459	281505s	1	Ratchet-Pawl				
②592	690800	1	Nut (Rewind Starter)				
②597	691696	1	Screw (Pawl Friction Plate)				
②608	497680	1	Starter-Rewind				
②689	691855	1	Spring-Friction				
②1210	498144	1	Pulley And Spring ASM (Pulley)				
②1211	498144	1	Pulley And Spring ASM (Spring)				

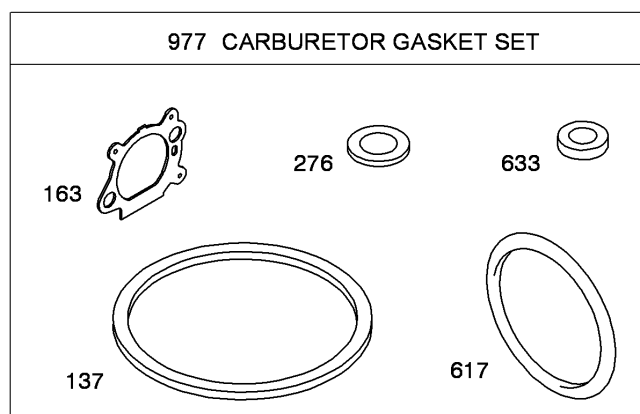
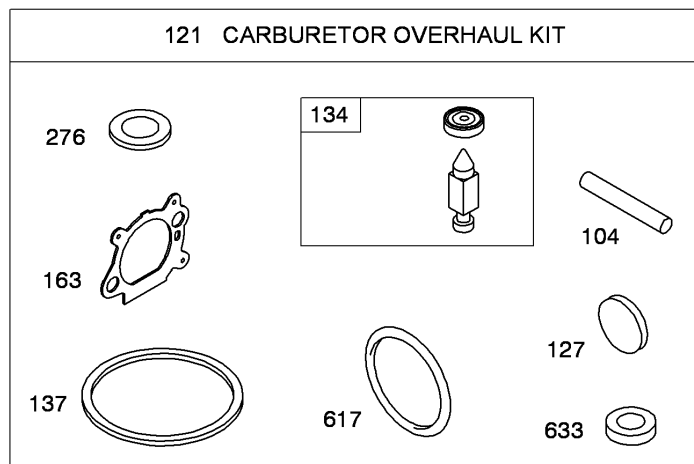


Assemblies include all parts shown in frames

Engine Gasket Set

Briggs and Stratton 124L02-0212-F1

Ref	Part No.	Qty.	Description				
243	299819s	1	Seal-Oil (Magneto Side)				
247	692249	1	Gasket-Head, Cylinder				
2412	692232		Gasket-Crankcase (.015 STD)				
2420	399781s	1	Seal-Oil (PTO Side)				
2451	272199s	1	Gasket-Intake				
25163	272653s	1	Gasket-Cleaner, Air				
4							
2358	794307	1	Engine Gasket Set				
24524	692296	1	Seal-O Ring (Dipstick Tube)				
24585	691879	1	Gasket-Passage, Breather				
25617	270344s	1	Seal-O Ring (Intake Manifold)				
4							
24668	493823	1	Spacer				
24842	691031	1	Seal-O Ring (Dipstick)				



Assemblies include all parts shown in frames

Carburetor Overhaul Kit

Briggs and Stratton 124L02-0212-F1

Ref	Part No.	Qty.	Description
23 104	691242	1	Pin-Hinge, Float
2 121	498260	1	Carburetor Overhaul Kit
23 127	694468	1	Plug-Welch
23 134	398188	1	Needle And Seat Kit
23 137	693981	1	Gasket-Bowl, Float
5			
23 163	272653s	1	Gasket-Cleaner, Air
45			
23 276	271716	1	Washer-Sealing
5			
23 617	270344s	1	Seal-O Ring (Intake Manifold)
45			
23 633	691321	1	Seal-Shaft, Choke Throttle
5			
2 977	498261	1	Carburetor Gasket Set

Attachments and Accessories

For 20087 - 22in Recycler Lawn Mower

Product Name	Model/Part
Loose Parts Kit	115-1323
Replacement Bag	59303
Bagger Kit	59304
22 Inch Blade Kit	59534

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