



48cm Recycler[®]/Rear Bagging Lawnmower

Model No. 20833 - 240000001 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

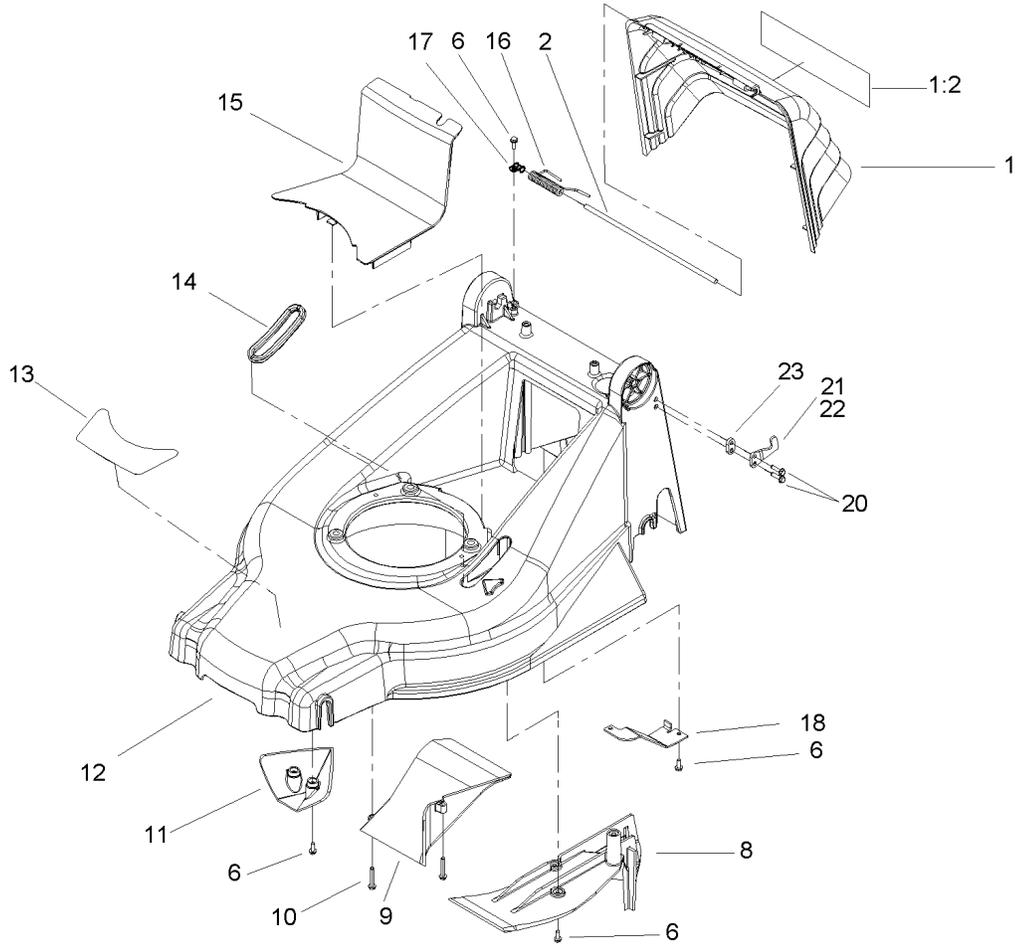
Part descriptions in this catalog may include the following abbreviations.

AR. as required	INC. incorporated
ASM. assembly	LH. left hand
CARR. carriage	NI. nylon insert
DEG. degrees	PPH. phillips pan head
FH. flat head	PTH. phillips truss head
GA. gauge	PTO. power take off
HF. hex flange	RH. right hand
HH. hex head	SFH. slotted fillister head
HHF. hex head flange	SHH. slotted hex head
HHFTF. hex head flange thread forming	SHWH. slotted hex washer head
HJ. hex jam	SPH. slotted pan head
HLH. hex lag head	SQH. square head
HOC. height-of-cut	SRH. slotted round head
HS. hex	STD. standard
HSBH. hex socket button head	TAP. self tapping
HSFH. hex socket flat head	TTH. torx truss head
HSH. hex socket head	WH. wing head
HWH. hex washer head	
HWHTF. hex washer head thread forming	
HYD. hydraulic	

Footnotes

- | | |
|---|---|
| ❶ Not illustrated | ❷ Not serviced separately |
| ❸ Included in Engine Gasket Set-Ref. 358. | ❹ Included in Carburetor Overhaul Kit-Ref. 121. |
| ❺ Included in Carburetor Gasket Set-Ref. 977. | ❻ Obtain parts from your local Briggs & Stratton dealer |

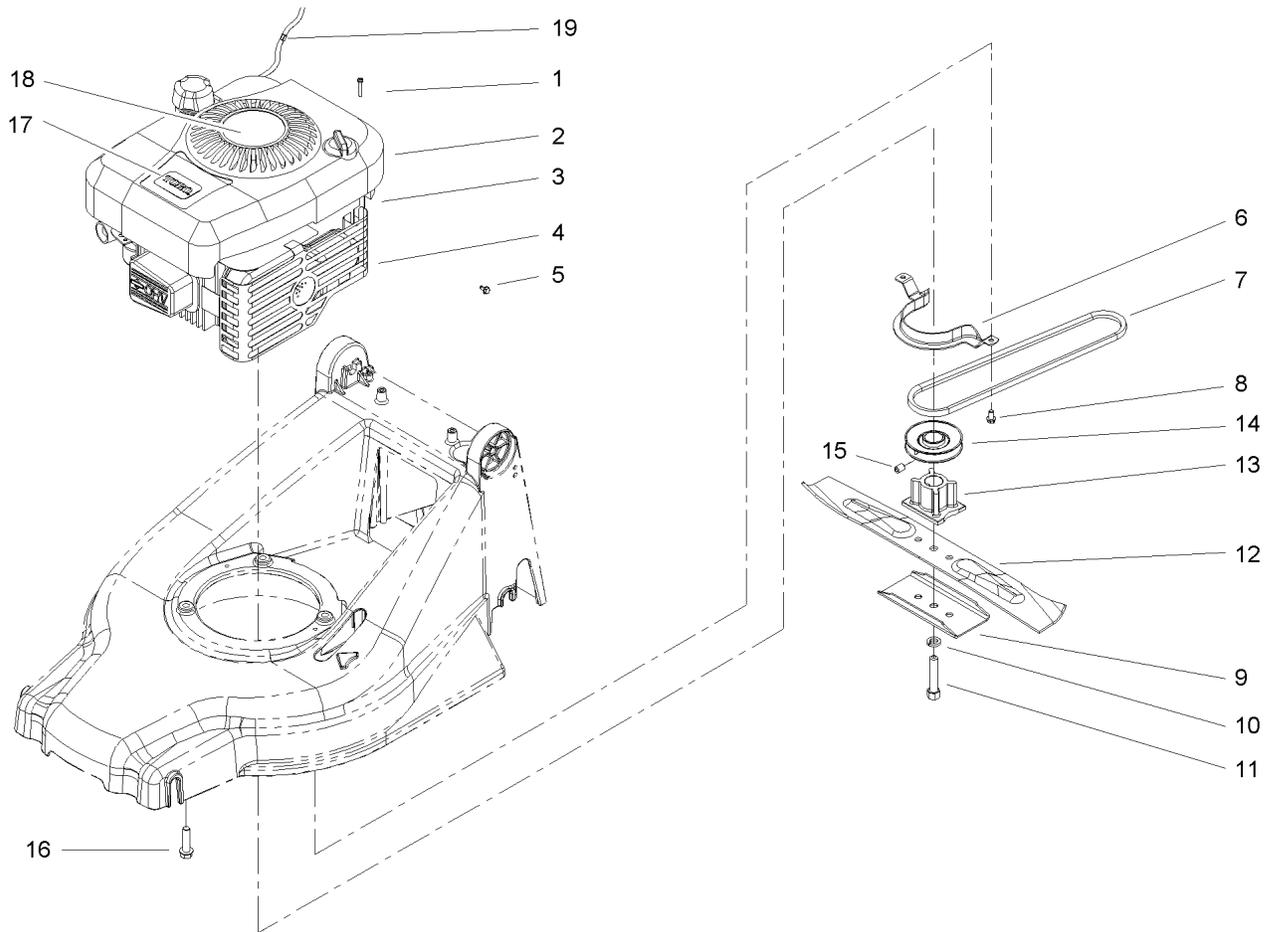
PROTOTYPE



Deck and Kicker Assembly

Ref	Part No.	Qty.	Description
1	100-9115	1	Door ASM
1:2	93-4105	1	Decal-Danger
2	100-1509	1	Rod-Pivot
6	32144-1	9	Screw-Taptite
8	99-6486	1	Cover-Kicker, Rear
9	100-1506	1	Ramp-Discharge
10	100-4352	2	Screw-HWH
11	106-4189	1	Kicker
12	104-7579	1	Deck
13	106-5792	1	Decal-Deck
14	100-3932	1	Boot-HOC
15	99-6479	1	Cover-Belt
16	104-7594	1	Spring-Torsion
17	98-2256	2	Clamp
18	100-9123-03	1	Bracket-Deck
20	100-4351	4	Screw-HWH
21	104-7557	1	Hook-Left
22	104-7558	1	Hook-Right
23	104-7556	2	Spacer

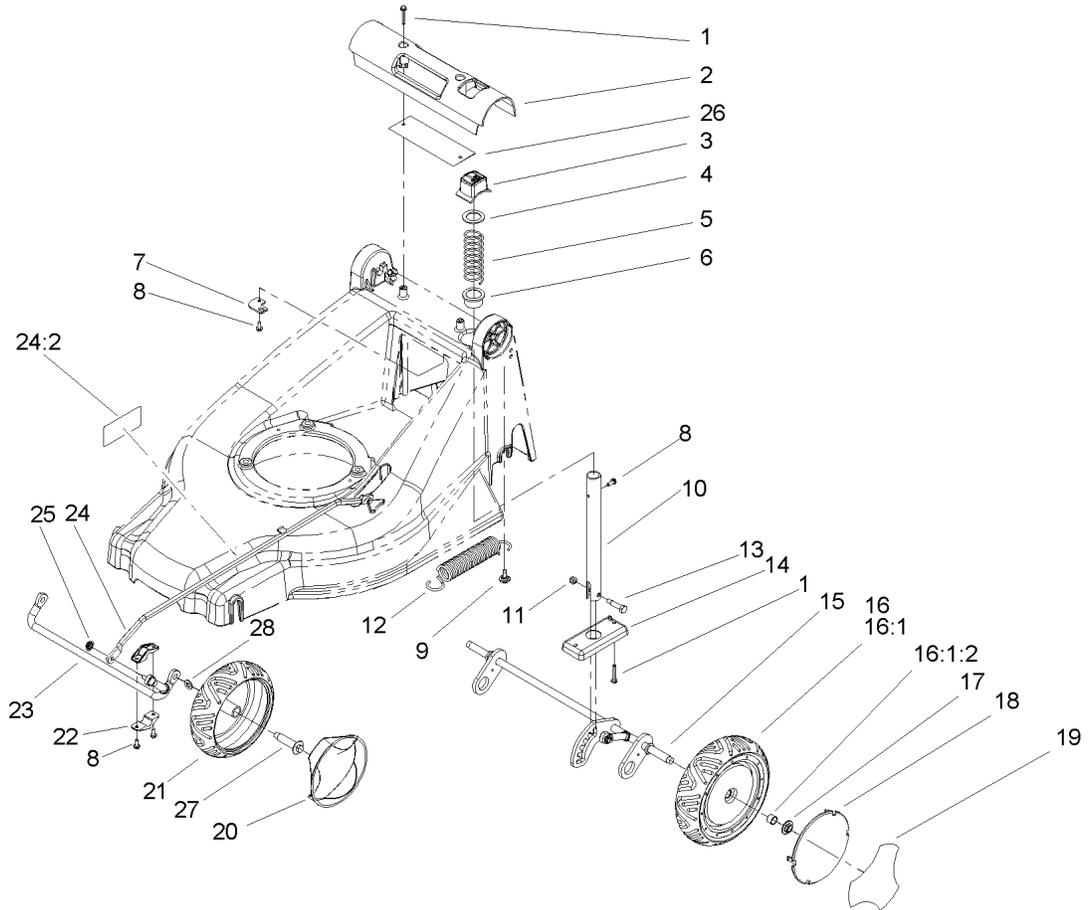
PROTOTYPE



Engine and Blade Assembly

Ref	Part No.	Qty.	Description
1	32144-97	2	Screw-Pph, Plastite
2	105-8564	1	Shroud-Quantum
3		1	Engine-Briggs And Stratton, 12h802-1720-B1
4	104-7577-03	1	Shield-Muffler
5	104-2065	3	Screw-HWH
6	100-1523-03	1	Guide-Belt, Engine
7	93-0232	1	V-Belt
8	32144-4	2	Screw-HWH
9	80-0510-03	1	Stiffener-Blade
10	3253-22	1	Washer-Lock
11	100-4368	1	Bolt-Blade
12	106-5781-03	1	Blade
13	104-7554	1	Retainer-Blade
14	100-1102	1	Pulley ASM
15	104-0214	1	Screw-Set
16	32144-102	3	Screw-HWH
17	98-3206	1	Decal
18	106-5790	1	Decal
19	2210-316	1	Stop-Rope

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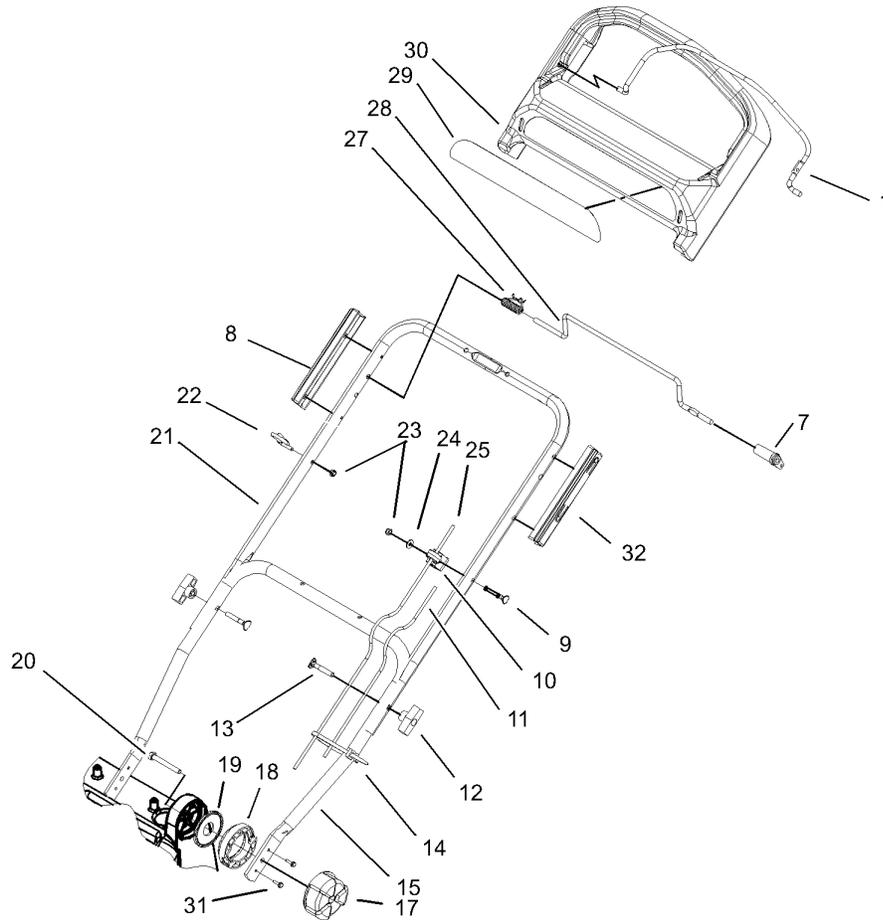


Height of Cut Wheel Assembly

Ref	Part No.	Qty.	Description
1	100-4352	4	Screw-HWH
2	99-6487	1	Handle-Deck
3	99-6480	1	Button-HOC
4	88-7540	1	Washer-Backup
5	99-6481	1	Spring-Compression, HOC
6	99-6483	1	Bushing-HOC
7	100-1525	1	Bracket-Cable, Traction
8	32144-1	6	Screw-Taptite
9	92-9698	1	Screw-Shoulder
10	99-6458	1	Pipe-HOC
11	3296-73	1	Nut-Lock, NI
12	100-4384	1	Spring-Extension, HOC
13	99-6459	1	Bolt-Shoulder
14	99-6460	1	Plate-Support, HOC
15	99-6478	1	Rear Axle ASM
16	99-6471	2	Wheel And Tire ASM
16:1		1	Wheel ASM
16:1:2	27-6250	2	Bushing
17	100-4370	2	Nut-Lock, Flanged
18	100-4366	2	Cover-Smart Wheel
19	106-5785	2	Decal-Wheel
20	95-6543	2	Cover-Wheel
21	99-6470	2	Wheel ASM
22	100-1500	4	Mount-Axle, Front

Ref	Part No.	Qty.	Description
23	104-7562	1	Front Axle ASM
24	100-9116	1	Rod ASM
24:2	100-4355	1	Decal-HOC
25	100-3939	2	Palnut
26	100-4383-03	1	Cover-Handle
27	614650	2	Bolt-Shoulder
28	40-1940	2	Washer

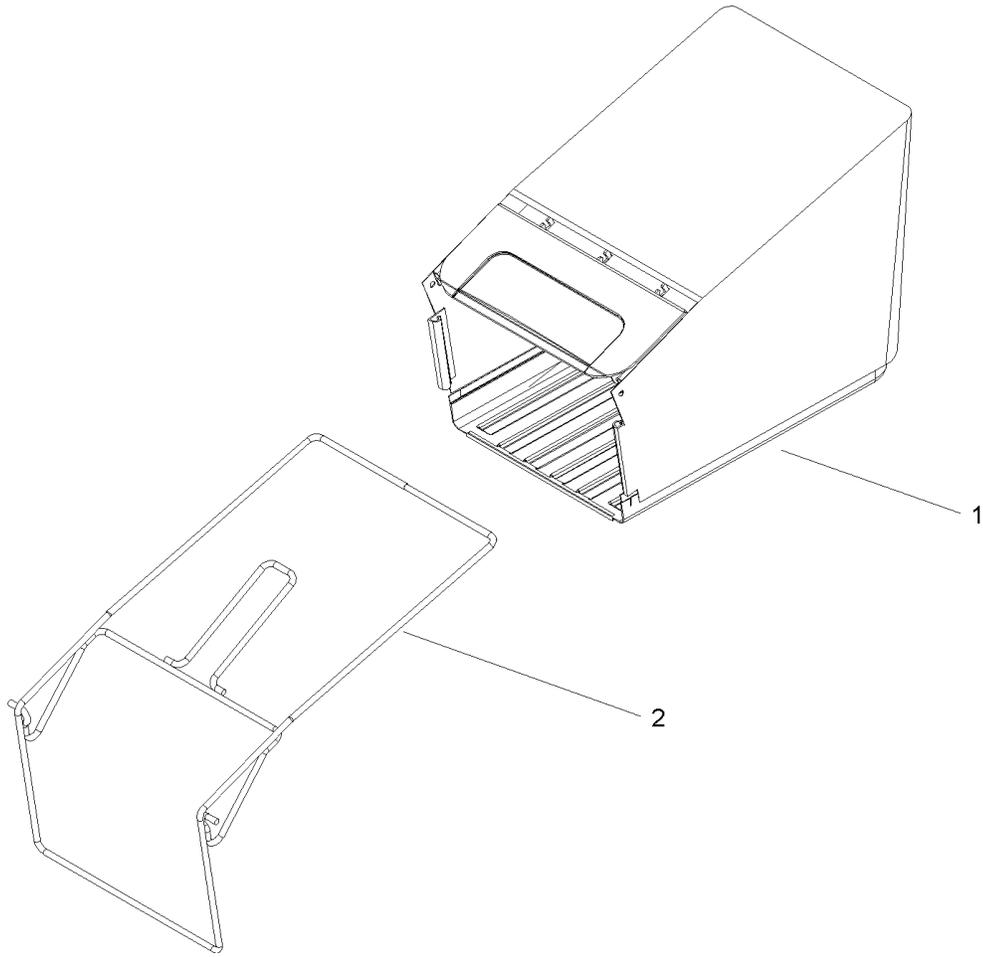
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Lower Handle and Adjusting Knob Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	104-8679-03	1	Bail-Brake	32	105-6842	1	Guide-LH
7	99-1589	1	Lever-Traction				
8	105-6841	1	Guide-RH				
9	95-4453	1	Screw				
10	99-5239	1	Anchor-Cable				
11	100-3936	1	Cable-Traction				
12	98-7134	2	Knob-Handle				
13	92-2260	2	Screw-Handle				
14	3290-378	2	Tie-Cable				
15	100-1502-05	1	Handle-Lower				
17	100-4396	2	Knob-Adjusting, Handle				
18	104-7553-03	2	Disk-Adjusting, Handle				
19	100-1517	2	Disk-Holding, Handle				
20	60-6690	2	Capscrew				
21	104-8680-05	1	Handle-Upper				
22	86-9671	1	Guide-Rope				
23	3296-73	2	Nut-Lock, NI				
24	3256-1	1	Washer-Flat				
25	106-8551	1	Cable-Brake				
27	104-8690	1	Spring-Torsion				
28	99-1588	1	Bar-Control, Traction				
29	106-5791	1	Decal-Automatic				
30	104-8678	1	Handle-Control				
31	100-4351	4	Screw-HWH				

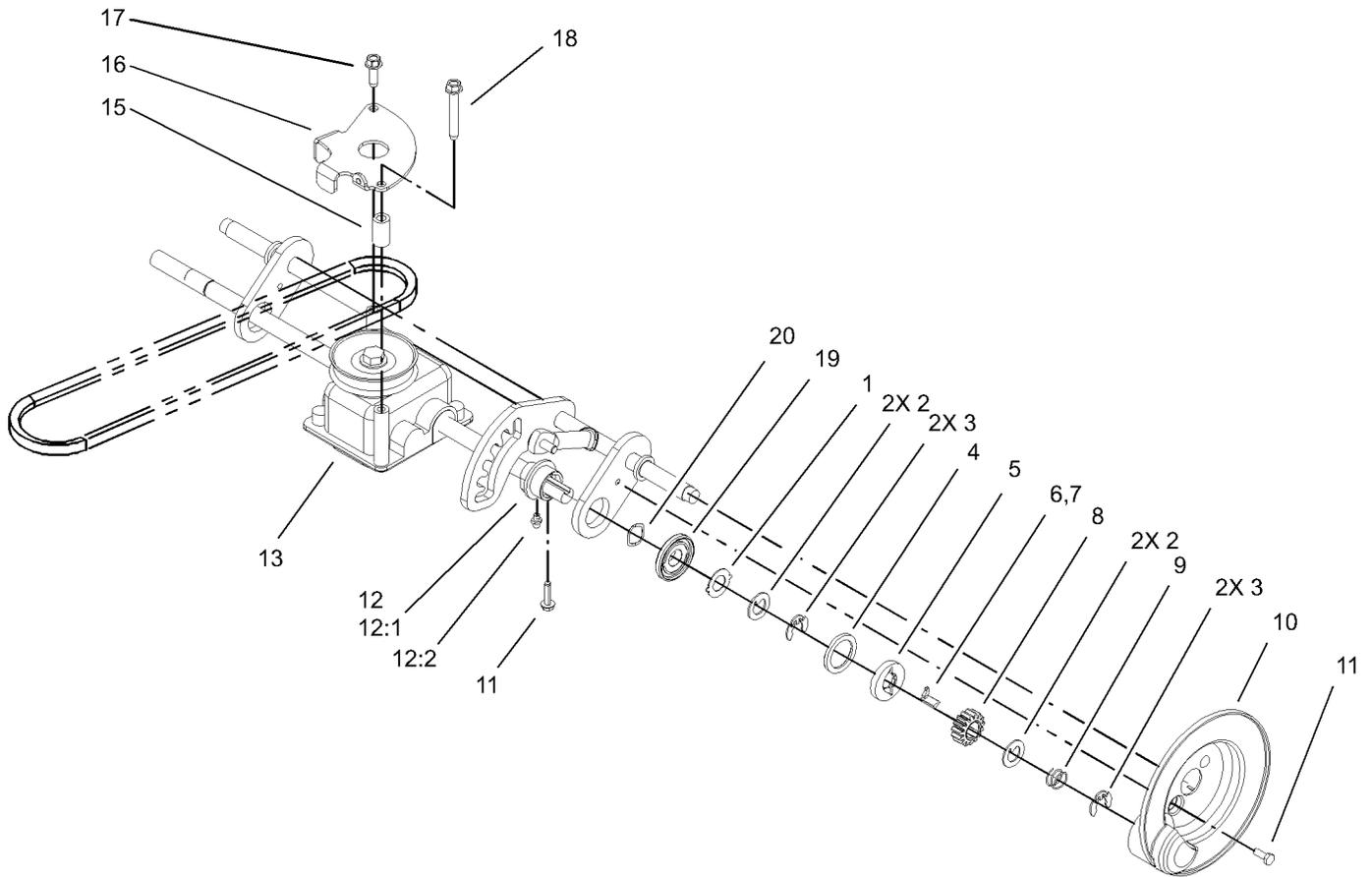
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Grass Bag Assembly

Ref	Part No.	Qty.	Description
1	104-7578	1	Grass Bag ASM
2	104-7560-03	1	Bag Frame ASM

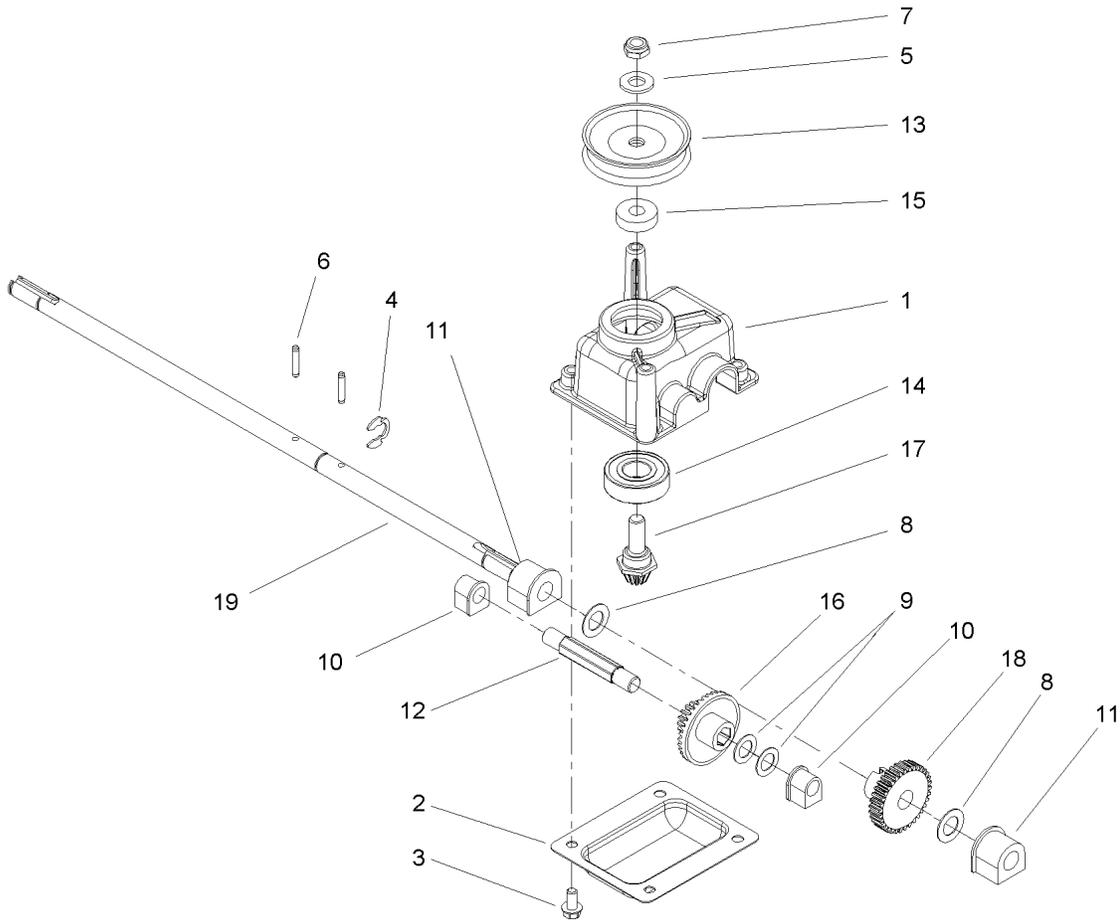
PROTOTYPE



Rear Axle Assembly

Ref	Part No.	Qty.	Description
1	65-4730	2	Washer-Arm, Pivot
2	65-4740	4	Washer-Thrust, Keyed
3	65-2720	4	Klipring-Locking
4	65-4710	2	Ring-Friction
5	65-4760	2	Washer-Clutch
6	66-6040	1	Key-Rocking, RH
7	66-6050	1	Key-Rocking, LH
8	65-4750	2	Gear-Pinion
9	65-4720	2	Spring-Compression
10	100-1513	2	Cover-Gear
11	32144-1	4	Screw-Taptite
12	100-9118	2	Bushing ASM
12:1	99-6463	1	Bushing
12:2	302-56	1	Fitting-Grease
13	104-7593	1	Gear Case ASM
15	614673	1	Bushing-Plate, Actuator
16	100-1524-03	1	Guide-Transmission
17	49-2040	1	Screw-Tapping
18	92-1616	1	Screw-Hwh, Thread Forming
19	100-1511	2	Retainer-Ring
20	100-1515	2	Washer-Wave

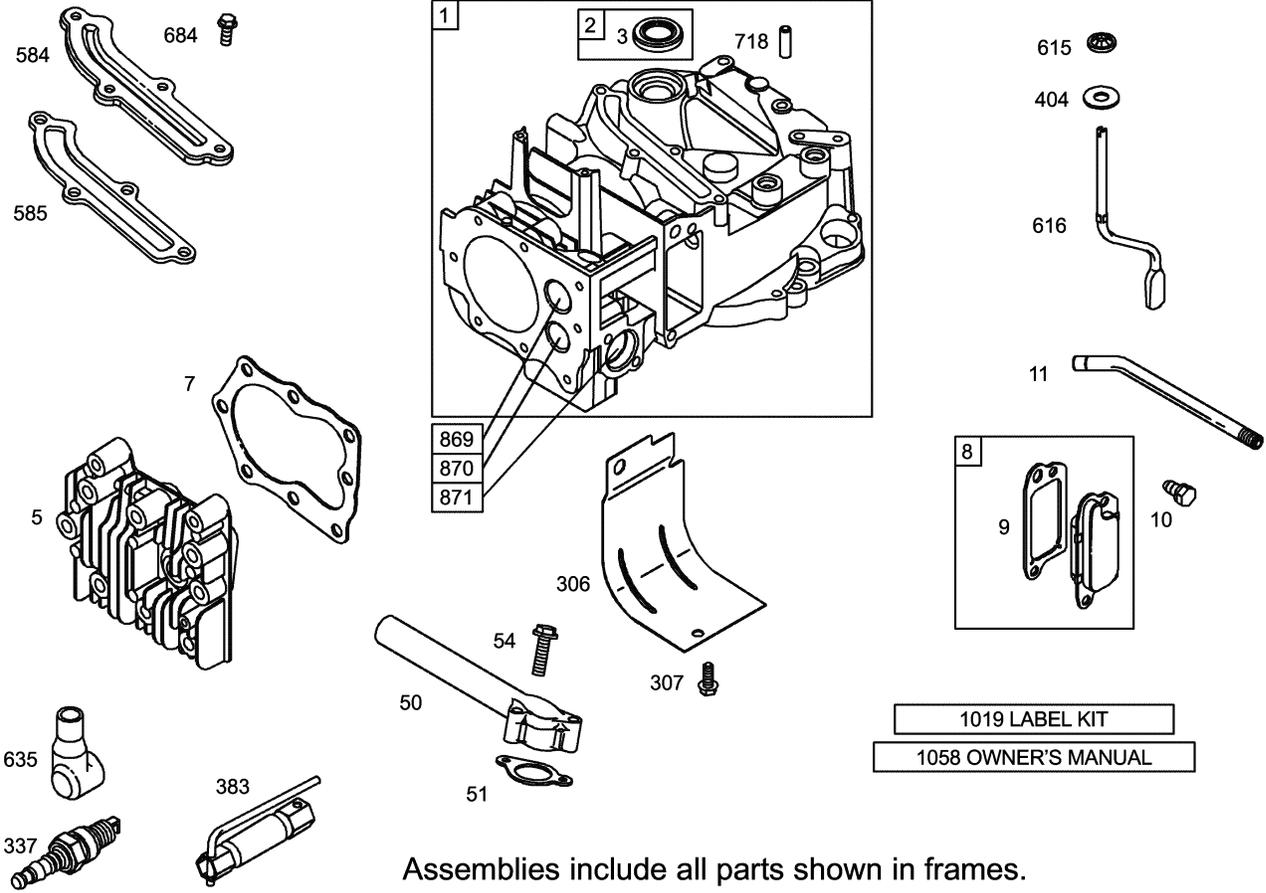
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Gear Case Assembly No. 104-7593

Ref	Part No.	Qty.	Description
1	104-7619	1	Case-Gear
2	614668-03	1	Cover-Case, Gear
3	32144-4	4	Screw-HWH
4	32151-68	1	Ring-Retaining
5	3256-24	1	Washer-Flat
6	3285-19	2	Pin-Groove
7	3296-5	1	Nut-Lock, NI
8	36-4780	2	Washer
9	36-4791	2	Washer-Thrust
10	60-8750	2	Bushing
11	60-8850	2	Bushing
12	614696	1	Shaft-Intermediate
13	100-1176	2	Pulley-Half
14	100-1048	1	Bearing-Ball
15	62-6660	1	Spacer
16	104-7668	1	Gear-15t Spur, 37t Bevel
17	104-7667	1	Gear-Pinion, Bevel
18	614596	1	Gear
19	100-1514	1	Shaft-Output

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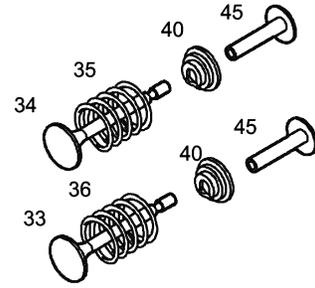
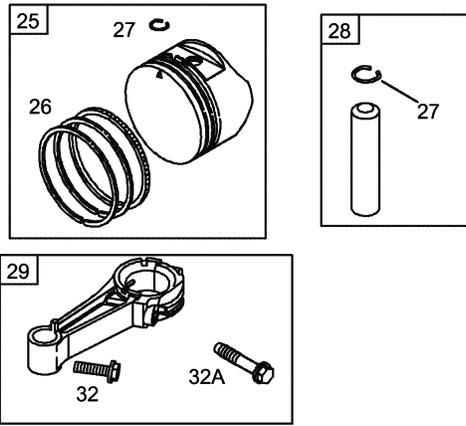
Assemblies include all parts shown in frames.

Cylinder Assembly Briggs and Stratton 12H802-1720-B1

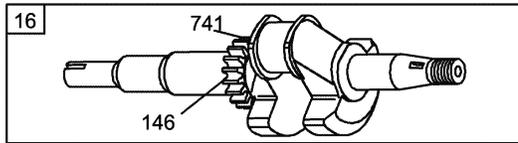
Ref	Part No.	Qty.	Description
1	493260	1	Cylinder
2	293708	1	Bushing
3	299819	1	Seal-oil (Magneto Side)
5	691160	1	Head-cylinder
7	692249	1	Gasket-cylinder Head
8	695250	1	Breather ASM
9	696125	1	Gasket-Breather
10	691125	1	Screw (Breather Asm)
11	691781	1	Tube-breather (Cylinder Head)
50	497465	1	Manifold-intake
51	272199	1	Gasket-intake
54	691650	1	Screw (Intake Manifold)
306	690450	1	Shield-Cylinder
307	690345	1	Screw (Starter Gear Cover)
337	802592	1	Plug-spark
383	89838	1	Wrench-spark Plug
404	690272	1	Washer (Governor Crank)
615	690340	1	Retainer-shaft, Governor
616	691308	1	Crank-governor
584	692342	1	Cover-breather Passage
585	691879	1	Gasket-breather Passage
635	66538	1	Boot-spark Plug
684	690345	1	Screw (Starter Gear 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)
10	63709	1	Bushing-guide (Intake)
1019	494256	1	Kit-label
1058	274978	1	Manual-Owners
10	696276	1	Short Block

PROTOTYPE



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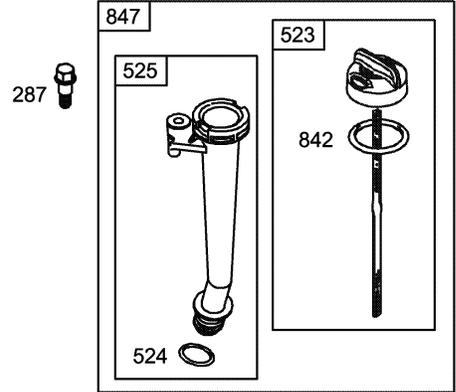
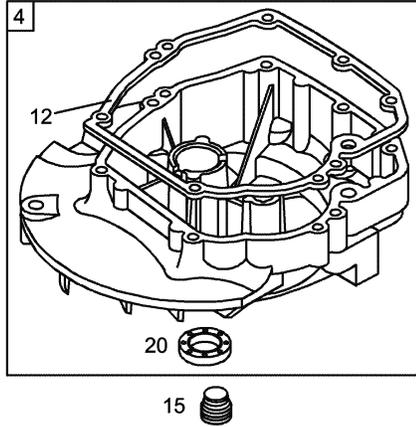
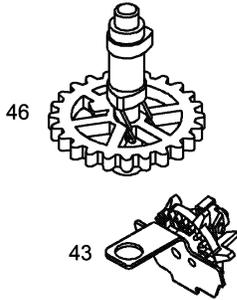
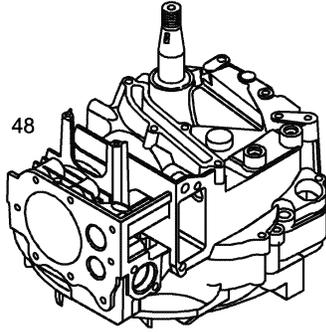


Assemblies include all parts shown in frames.

Crankshaft Assembly Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
16	696009	1	Crankshaft
24	222698	1	Key-flywheel
25	499429	1	Piston Asm. (Standard)
26	499430	1	Piston ASM
27	499431	1	Piston Asm. (.020" O.s.)
28	499432	1	Piston Asm. (.030" O.s.)
29	499425	1	Ring Set (Standard)
30	499426	1	Ring Set (.010" O.s.)
31	499427	1	Ring Set (.020" Oversize)
32	499428	1	Ring Set (.030" O.s.)
32A	691866	1	Lock-piston Pin
33	499423	1	Piston Pin (Standard)
34	298908	1	Piston Pin (.005" Undersize)
35	499424	1	Connecting Rod (Standard)
36	691664	1	Screw (Connecting Rod)
40	695759	1	Screw (Connecting Rod)
45	262651	1	Valve-exhaust
46	262652	1	Valve-intake
47	691270	1	Spring-valve (Exhaust)
48	691270	1	Spring-valve (Exhaust)
49	692194	1	Retainer-valve
50	691811	1	Keeper-Valve
51	690979	1	Key-timing
52	691830	1	Gear-timing

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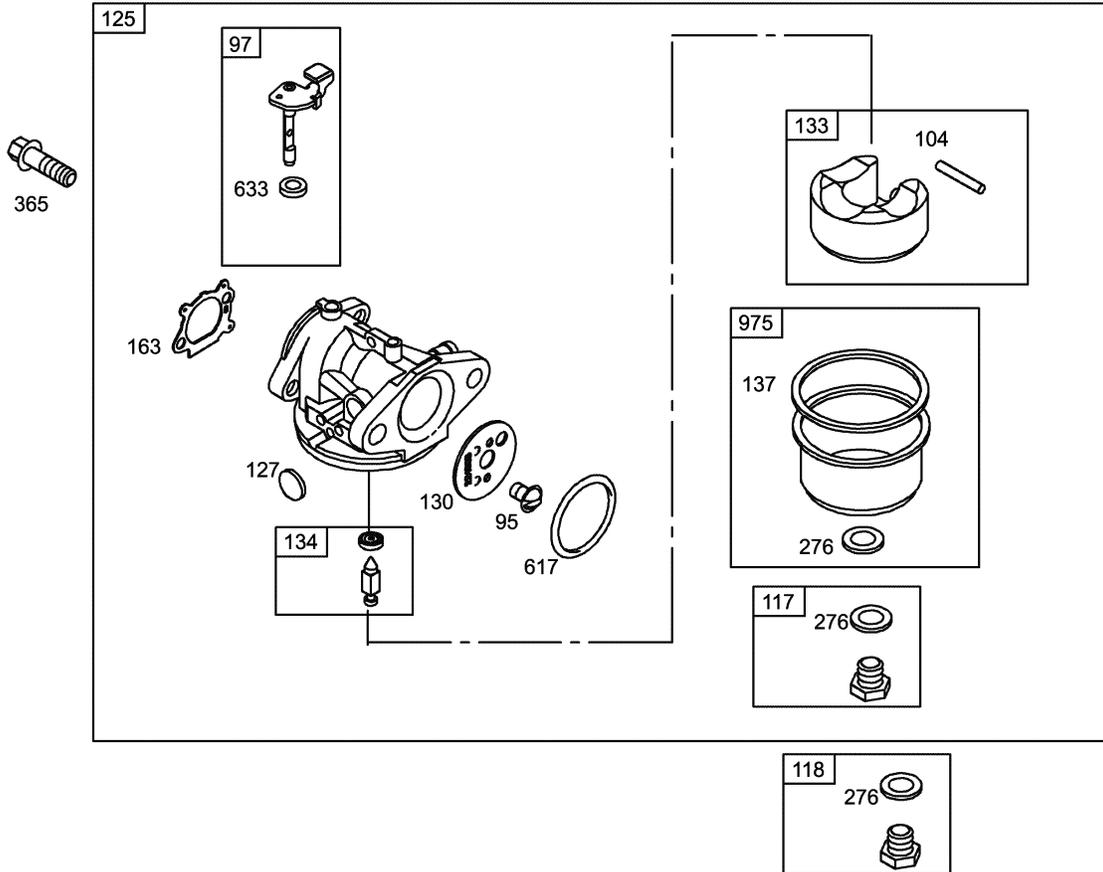


Assemblies include all parts shown in frames.

Crankcase Assembly Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
4	493279	1	Sump-engine
12	692232	1	Gasket-Crankcase (.015 Thick, Standard)
15	691680	1	Plug-oil Drain
20	399781	1	Seal-oil (Pto Side)
22	691092	1	Screw (Engine Sump)
43	691997	1	Slinger-governor/oil
46	691449	1	Camshaft
48	696276	1	Short Block
287	690940	1	Screw (Fuel Tank)
523	499621	1	Dipstick
524	692296	1	Seal-o Ring (Dipstick Tube)
525	495265	1	Tube-Dipstick
842	691031	1	Seal-o Ring (Dipstick Tube)
847	692047	1	Dipstick/tube ASM

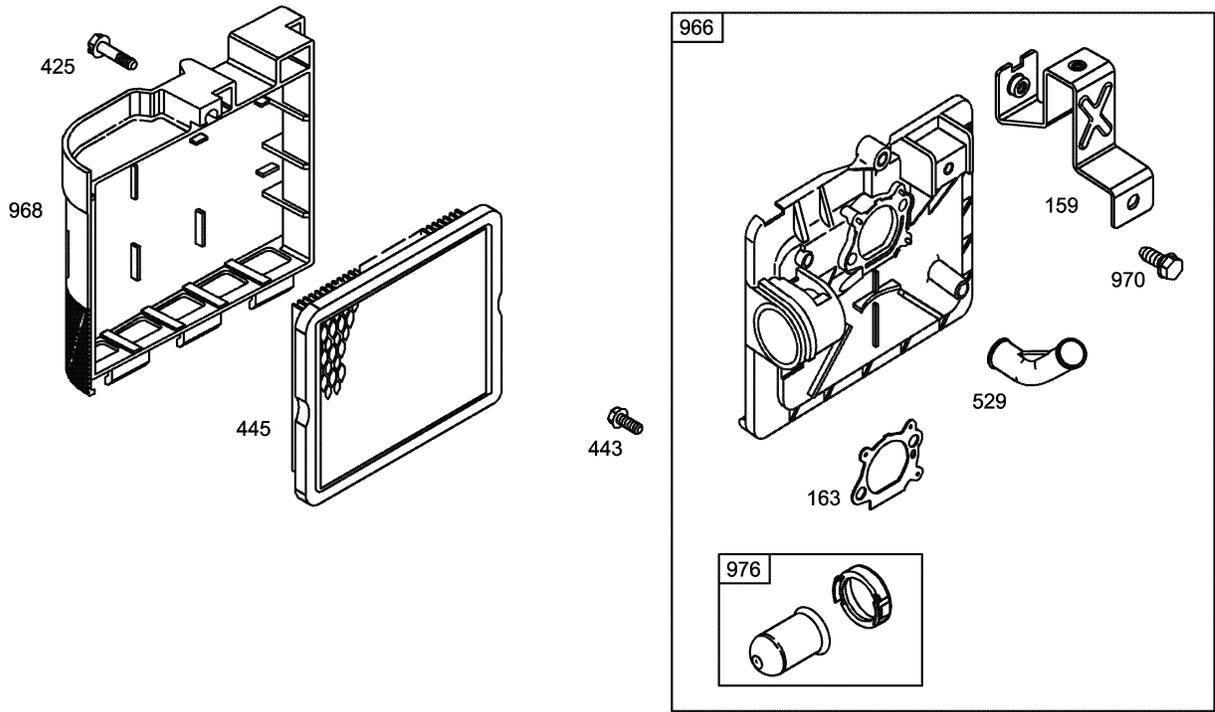
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Assemblies include all parts shown in frames.

Carburetor Assembly Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
⑥95	691636	1	Screw (Throttle Valve)
⑥97	696565	1	Shaft-throttle
④⑥104	691242	1	Pin-float Hinge
⑥117	498978	1	Jet-main (Standard)
⑥118	497466	1	Screw-Bowl Mtg. (Std.) Note: 496495 Screw Bowl Mtg. (High Altitude)
⑥125	498170	1	Carburetor
④⑥127	694468	1	Plug-welch
⑥130	696564	1	Valve-throttle
⑥133	398187	1	Float-carburetor
④⑥134	398188	1	Kit-needle/seat
④⑤137 ⑥	693981	1	Gasket-bowl, Float
③④163 ⑤⑥	272653	1	Gasket-air Cleaner
④⑥276	271716	1	Washer-sealing
⑥365	692524	1	Screw (Carburetor)
④⑤617 ⑥	270344	1	Seal-o Ring (Intake Manifold)
④⑤633 ⑥	691321	1	Seal-choke/throttle Shaft
⑥975	493640	1	Bowl-float

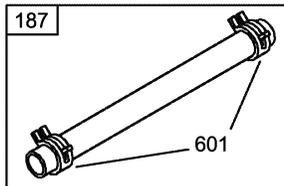
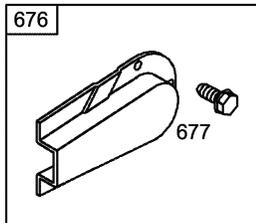
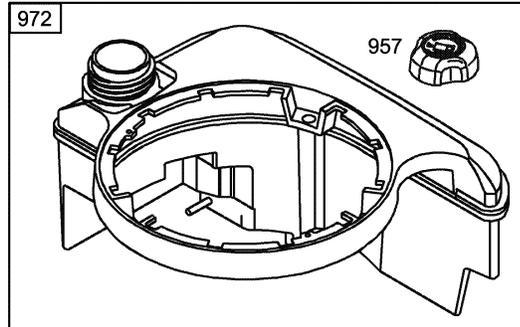
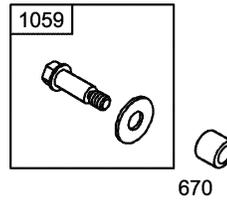
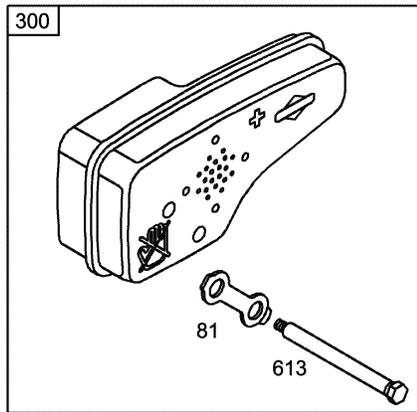


Assemblies include all parts shown in frames.

Air Cleaner Assembly Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
①159	691753	1	Primer Bracket-Air Cleaner
②①63	272653	1	Gasket-air Cleaner
③425	690670	1	Screw (Air Cleaner Cover)
④443	692523	1	Screw (Air Cleaner Primer Base)
⑤445	491588	1	Filter-air Cleaner Cartridge
⑥529	691923	1	Grommet
⑦966	496116	1	Base-air Cleaner Primer
⑧968	692298	1	Cover-air Cleaner
⑨970	691669	1	Screw (Air Cleaner primer Bracket)
⑩976	694395	1	Primer-carburetor

PROTOTYPE

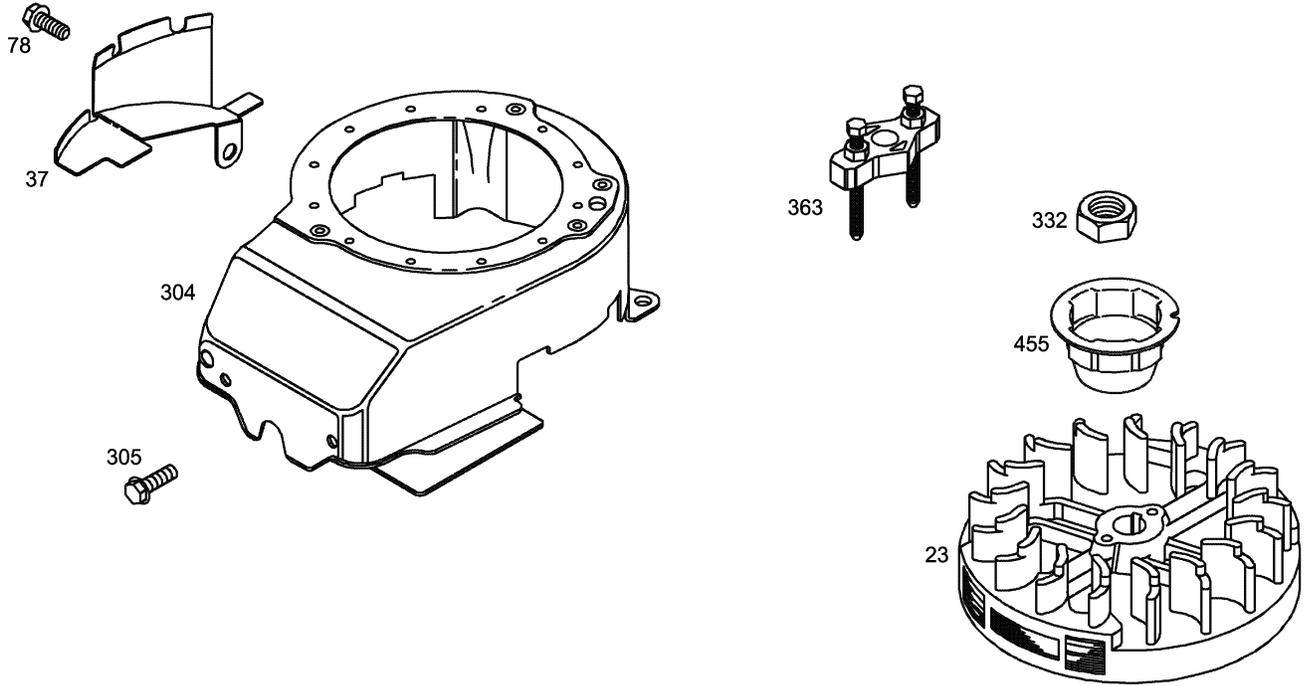


Assemblies include all parts shown in frames.

Muffler and Fuel Tank Assembly Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
Ⓢ81	691740	1	Lock-muffler Screw
Ⓢ187	691050	1	Line-fuel (Cut To Required Length)
Ⓢ190	690940	1	Screw (Fuel Tank)
Ⓢ300	692038	1	Muffler
Ⓢ601	95162	1	Clamp-hose
Ⓢ613	691340	1	Screw (Muffler)
Ⓢ670	692294	1	Spacer-fuel Tank
Ⓢ676	493871	1	Deflector-muffler
Ⓢ677	690661	1	Screw (Muffler Deflector)
Ⓢ957	692046	1	Cap-fuel Tank
Ⓢ972	499618	1	Tank-fuel
Ⓢ1059	692311	1	Kit-screw/washer

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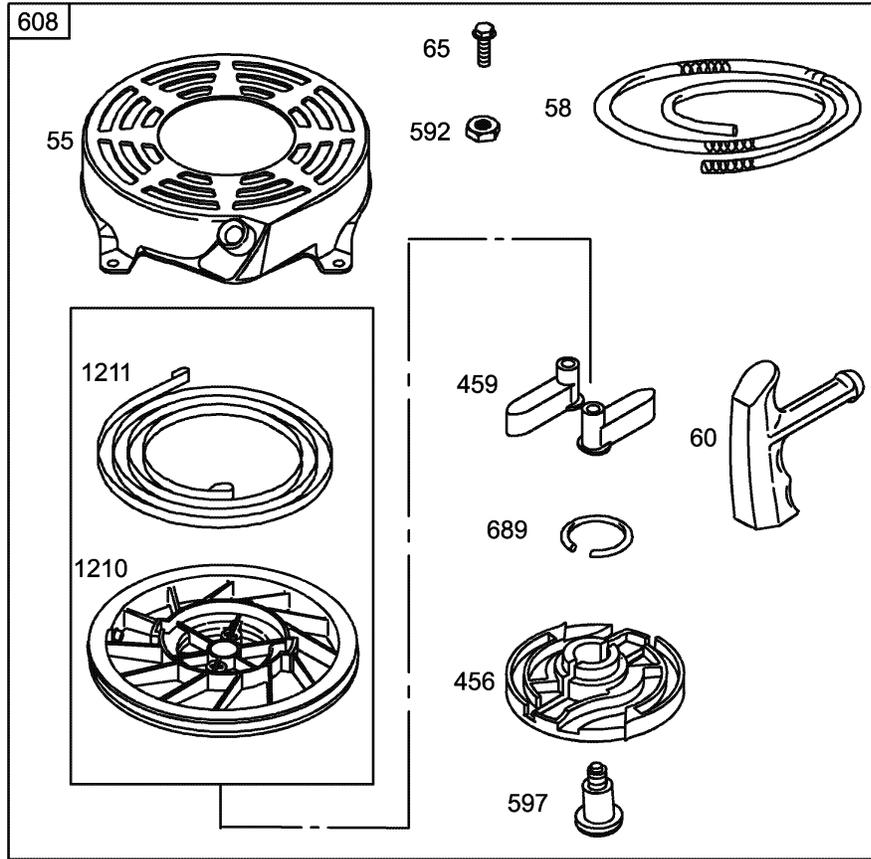
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Assemblies include all parts shown in frames.

Blower Housing Assembly Briggs and Stratton 12H802-1720-B1

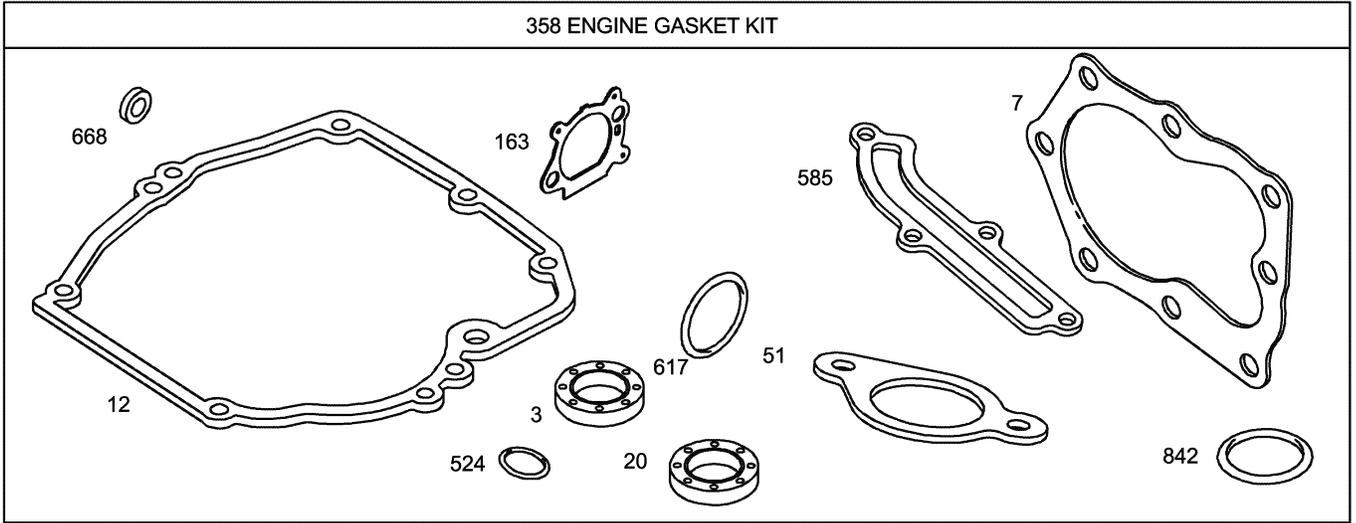
Ref	Part No.	Qty.	Description
⑥23	692315	1	Flywheel
⑥37	694086	1	Guard-flywheel
⑥78	691108	1	Screw (Blower Housing)
⑥304	493293	1	Housing-blower
⑥305	691108	1	Screw (Blower Housing)
⑥332	690877	1	Nut (Flywheel)
⑥363	19069	1	Puller-flywheel
⑥455	695161	1	Cup/screen Assembly
⑥1036	695111	1	Label-Emissions

PROTOTYPE



Starter Assembly Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
55	691421	1	Housing-starter, Rewind
58	280399	1	Rope-starter (Cut To Required Length)
60	281434	1	Grip-starter Rope
65	690837	1	Screw (Rewind Starter)
456	692299	1	Plate-pawl Friction
459	281505	1	Ratchet-pawl
592	690800	1	Nut (Rewind Starter)
597	691696	1	Screw (Pawl Friction Plate)
608	497680	1	Starter-rewind
689	691855	1	Spring-friction
1210	498144	1	Pulley/spring Assembly (Spring)
1211	498144	1	Pulley/spring Assembly (Spring)

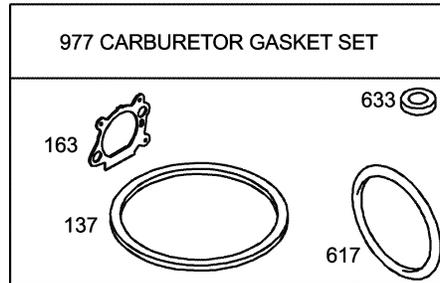
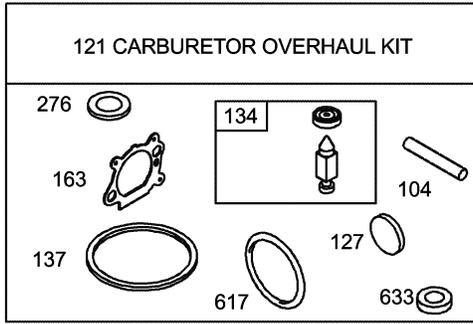


Assemblies include all parts shown in frames.

Gasket Assembly Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
③⑥3	299819	1	Seal-oil (Magneto Side)
③⑥7	692249	1	Gasket-cylinder Head
③⑥12	692232	1	Gasket-Crankcase (.015 Thick, Standard)
③⑥20	399781	1	Seal-oil (Pto Side)
③⑥51	272199	1	Gasket-intake
③④163	272653	1	Gasket-air Cleaner
③⑥			
③358	497316	1	Gasket Set-engine
③⑥524	692296	1	Seal-o Ring (Dipstick Tube)
③⑥585	691879	1	Gasket-breather Passage
③④617	270344	1	Seal-o Ring (Intake Manifold)
③⑥			
③⑥668	493823	1	Spacer
③⑥842	691031	1	Seal-o Ring (Dipstick Tube)

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Assemblies include all parts shown in frames.

Carburetor Overhaul Kit Assembly Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
④⑥104	691242	1	Pin-float Hinge
⑥121	498260	1	Kit-carburetor Overhaul
④⑥127	694468	1	Plug-welch
④⑥134	398188	1	Kit-needle/seat
④⑤137	693981	1	Gasket-bowl, Float
⑥			
③④163	272653	1	Gasket-air Cleaner
⑤⑥			
④⑥276	271716	1	Washer-sealing
③④617	270344	1	Seal-o Ring (Intake Manifold)
⑤⑥			
④⑤633	691321	1	Seal-choke/throttle Shaft
⑥			
⑥977	498261	1	Gasket Set-carburetor

PROTOTYPE

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