Form Number 3356-804 Rev A

50cm Recycler® Lawn Mower

Model No. 20654 - 270000001 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
ASM	assembly
BBC	blade brake clutch
CARR	carriage
DEG	degrees
EXT	external
FH	flat head
GA	gauge
HD	heavy-duty
HF	hex flange
HH	hex head
HHF	hex head flange
HHFTF	hex head flange thread forming
HJ	hex jam
HLH	hex lag head
HOC	height-of-cut
HSBH	hex socket button head
HSFH	hex socket flat head
HSH	hex socket head
HWH	hex washer head
HWHTF	hex washer head thread forming
HYD	hydraulic
LH	left hand
NI	nylon insert
NPTF	national pipe thread fine
PFH	phillips flat head
PPH	phillips pan head
PPHTF	phillips pan head thread forming
PRH	phillips round head
PTH	phillips truss head
PTO	power-take-off
RH	right hand
ROPS	roll-over protection system
SFH	slotted fillister head
SHH	slotted hex head
SHWH	slotted hex washer head
SPH	slotted pan head
SQH	square head
SRH	slotted round head
STD	standard
TAP	self tapping
TTH	torx truss head

Footnotes

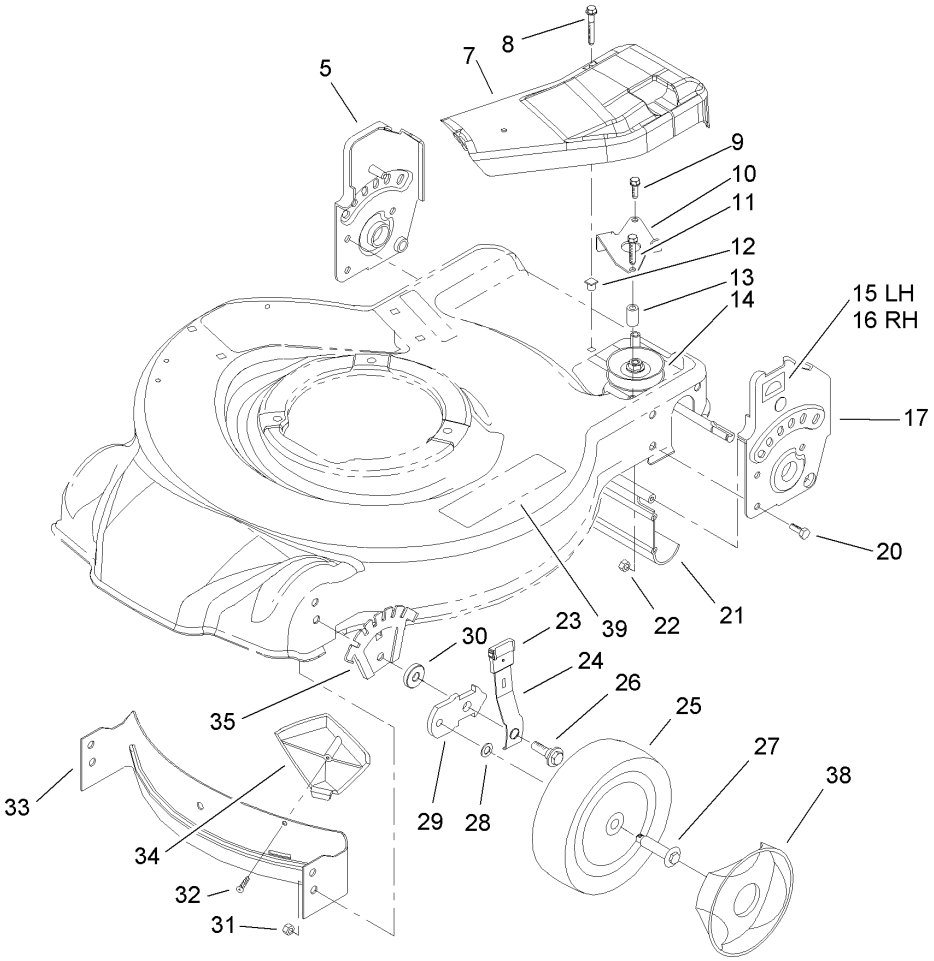
❶ Not serviced separately

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)

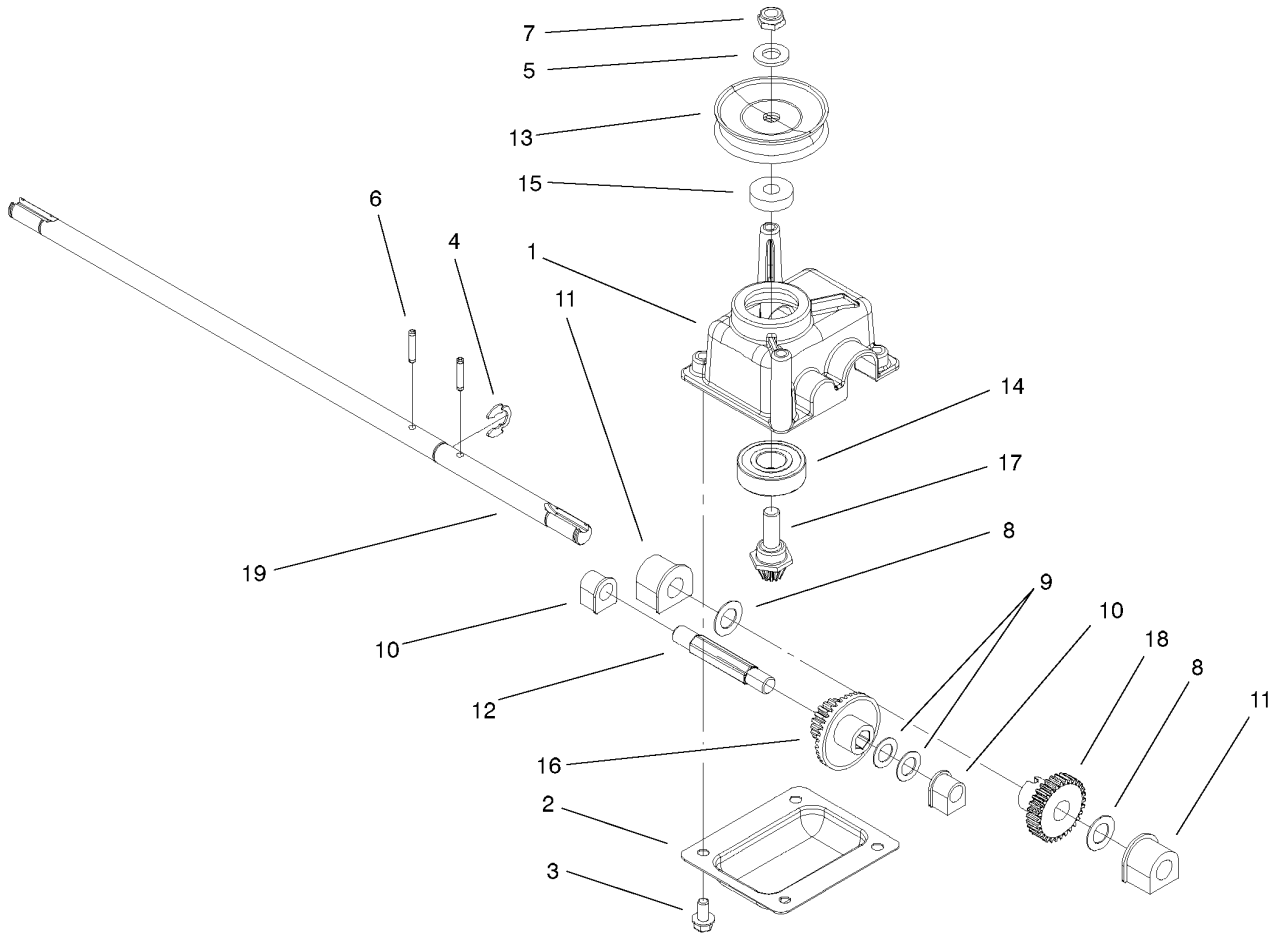
❺ Included in Carburetor Gasket Set (Ref. No. 977)



Housing, Handle Bracket and Wheel Assembly

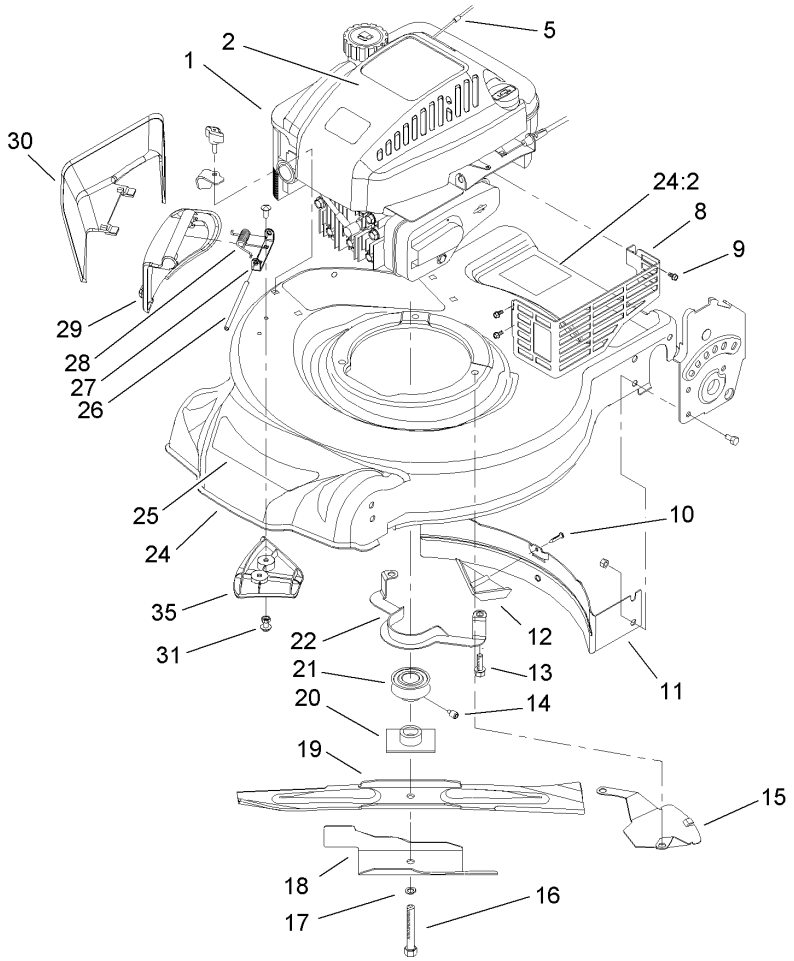
Ref	Part No.	Qty.	Description
5	93-0234	1	RH Handle Bracket ASM
7	93-0209	1	Cover-Transmission
8	32144-119	1	Screw-PTH
9	49-2040	1	Screw-HWHTF
10	93-0228-03	1	Guide-Transmission
11	92-1616	1	Screw-HWHTF
12	605120	1	Nut-Clip
13	614673	1	Bushing-Plate, Actuator
14	104-7677	1	Gear Case ASM
15	93-6670	1	Decal-HOC, LH
16	93-6671	1	Decal-HOC, RH
17	93-0233	1	LH Handle Bracket ASM
20	322-3	6	Screw-HH
21	92-8647	1	Shield-Trailing
22	3296-29	6	Nut-Lock, NI
23	92-1008	2	Knob-Lever, Height Adjustment
24	614687	2	Arm-Front Spring
25	99-6470	2	Wheel ASM
26	614650	2	Bolt-Shoulder
27	614672	2	Bolt-Shoulder
28	40-1940	2	Washer
29	95-7403-03	2	Bracket-Height Adjustment, Wheel
30	92-4890	2	Washer
31	3296-39	2	Nut-Lock, NI

Ref	Part No.	Qty.	Description
32	93-0231	1	Screw-PPH
33	100-1179-03	1	Baffle-Front
34	93-0216	1	Kicker-Front
35	92-4881-03	2	Plate-Height, Adjustment
38	95-6543	2	Cover-Wheel
39	112-8759	1	Decal-Warning



Gear Case Assembly

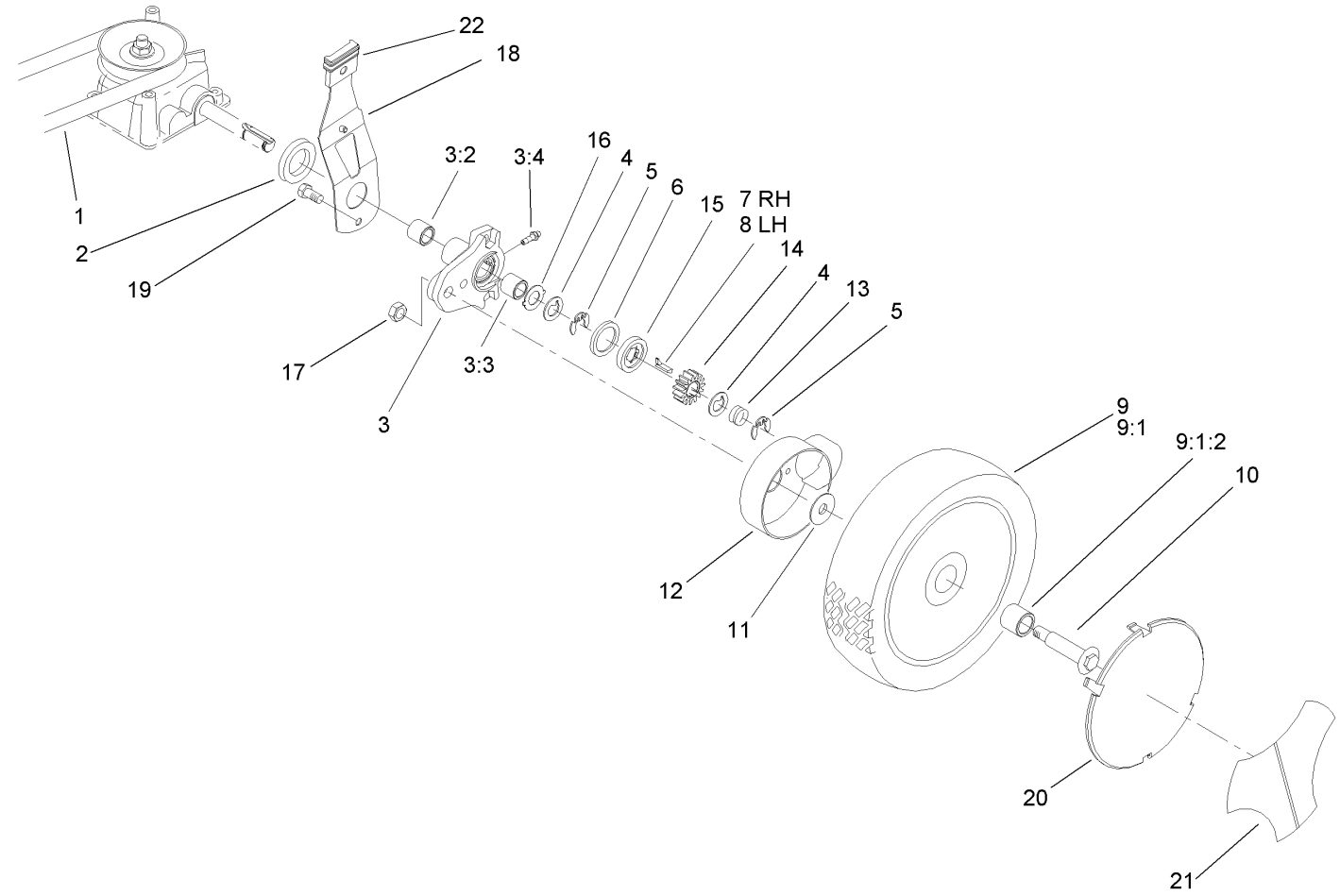
Ref	Part No.	Qty.	Description
1	104-7619	1	Case-Gear
2	614668-03	1	Cover-Case, Gear
3	32144-4	4	Screw-HWH
4	32151-68	1	Ring-Retaining
5	3256-24	1	Washer-Flat
6	3285-19	2	Pin-Groove
7	3296-5	1	Nut-Lock
8	36-4780	2	Washer
9	36-4791	2	Washer-Thrust
10	60-8750	2	Bushing
11	60-8850	2	Bushing
12	614696	1	Shaft-Intermediate
13	100-1176	2	Pulley-Half
14	100-1048	1	Bearing-Ball
15	62-6660	1	Spacer
16	104-1005	1	Gear-19T Spur, 37T Bevel
17	104-7667	1	Gear-Pinion, Bevel
18	104-1004	1	Gear-30T
19	104-7670	1	Shaft-Output



Engine and Blade Assembly

Ref	Part No.	Qty.	Description
❶❷1		1	Engine-Briggs And Stratton, 12H802-2032-B1
2	114-2605	1	Decal
5	2210-316	1	Stop-Rope
8	104-7577-03	1	Shield-Muffler
9	32144-1	3	Screw-Taptite
10	93-0231	1	Screw-PPH
11	93-0223-03	1	Baffle-Rear
12	93-0217	1	Kicker-Rear
13	95-1726	3	Screw-Taptite
14	105-8875	1	Screw-Set, Cone Point
15	93-4196-03	1	Shield-Grass
16	26-0671	1	Screw-Blade
17	3290-465	1	Washer-Belleville
18	93-0219-03	1	Accelerator
19	93-0241-03	1	Blade-Steel Deck
20	104-7609	1	Retainer-Blade, Ce
21	95-1878	1	Pulley
22	92-1024-03	1	Guide-Belt
24	104-0228	1	Housing
24:2	112-8759	1	Decal-Warning
25	114-2628	1	Decal-Housing
26	99-5291	1	Rod-Cover
27	112-6416	1	Bracket-Cover

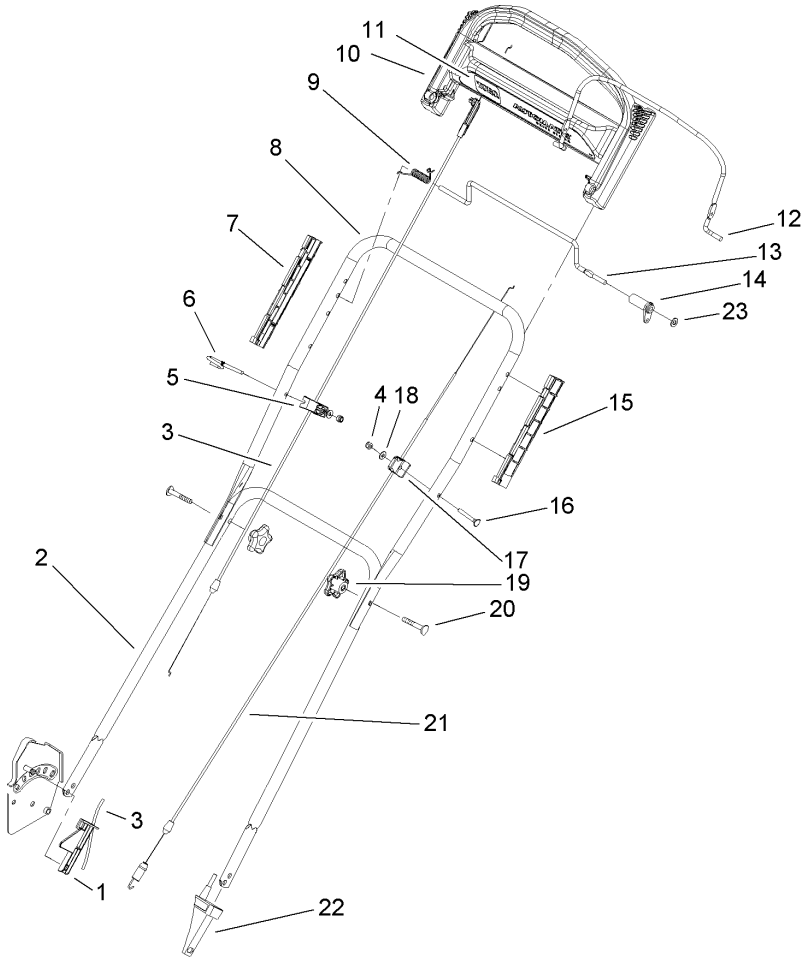
Ref	Part No.	Qty.	Description
28	99-5293	1	Spring-Torsion
29	99-5294	1	Cover-Side
30	99-5295	1	Chute-Side
31	46-8560	2	Screw-HHF
35	99-6349	1	Baffle



Gearcase and Wheel Assembly

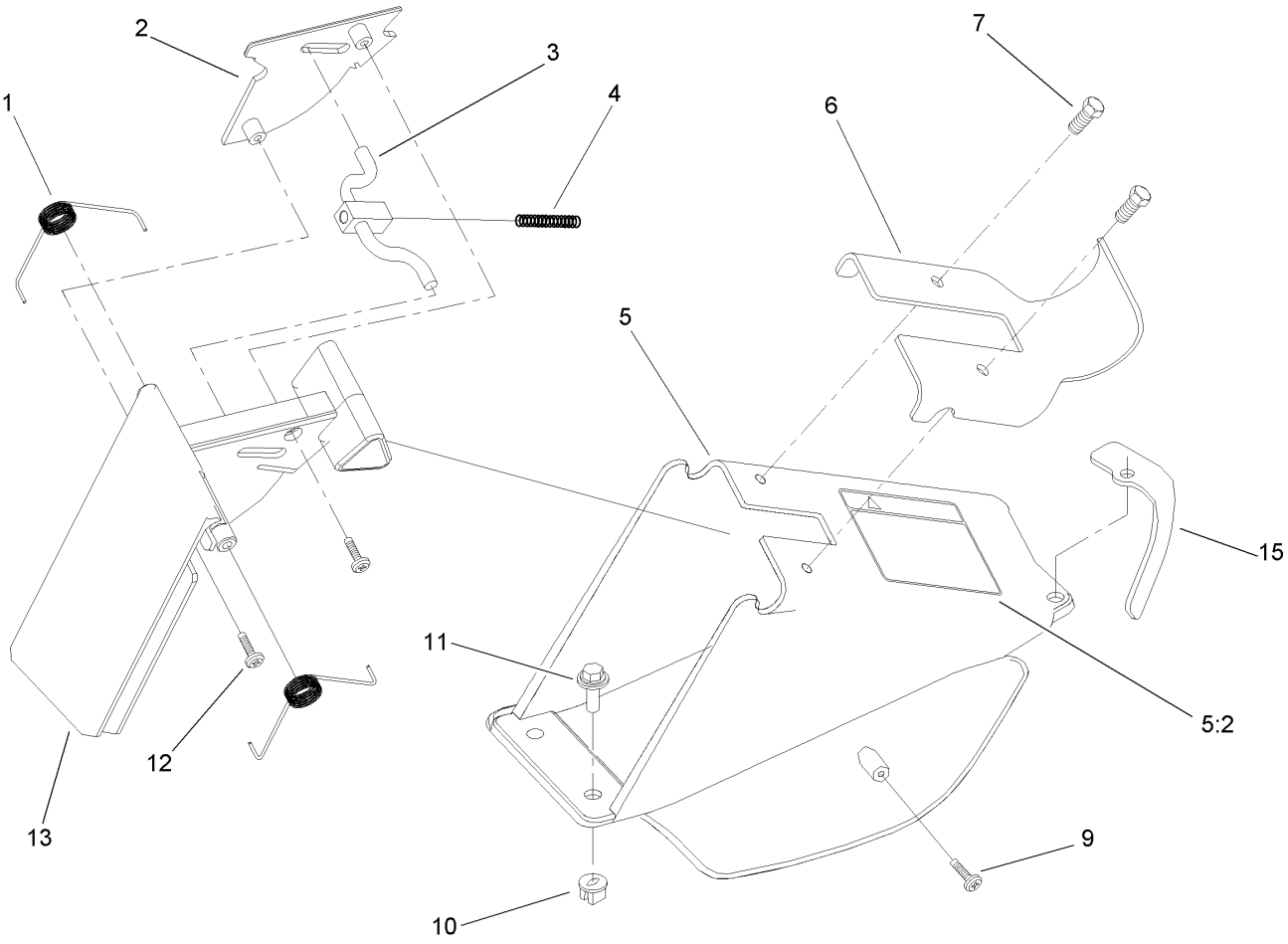
Ref	Part No.	Qty.	Description
1	93-0232	1	V-Belt
2	614447	2	Spacer-Axle Shaft
3	92-7746	2	Rear Height Adjustment Arm ASM
3:2	70-9760	1	Bushing
3:3	47-2900	1	Bushing
3:4	302-56	1	Fitting-Grease
4	65-4740	4	Washer-Thrust, Keyed
5	65-2720	4	Klipring-Locking
6	65-4710	2	Ring-Friction
7	66-6040	1	Key-Rocking, RH
8	66-6050	1	Key-Rocking, LH
9	99-6471	2	Wheel And Tire ASM
❶9:1		1	Wheel ASM
9:1:2	27-6250	2	Bushing
10	92-1057	2	Bolt-Shoulder
11	614426	2	Washer-Stepped
12	94-1609	2	Cover-Wheel
13	65-4720	2	Spring-Compression
14	65-4750	2	Gear-Pinion
15	65-4760	2	Washer-Clutch
16	65-4730	2	Washer-Arm, Pivot
17	603773	2	Nut
18	92-1004	2	Rear Spring Arm ASM
19	32144-85	2	Screw-HWH

Ref	Part No.	Qty.	Description
20	100-4366	1	Cover-Smart Wheel
21	100-1519	1	Label-Wheel, Smart
22	92-1008	2	Knob-Lever, Height Adjustment



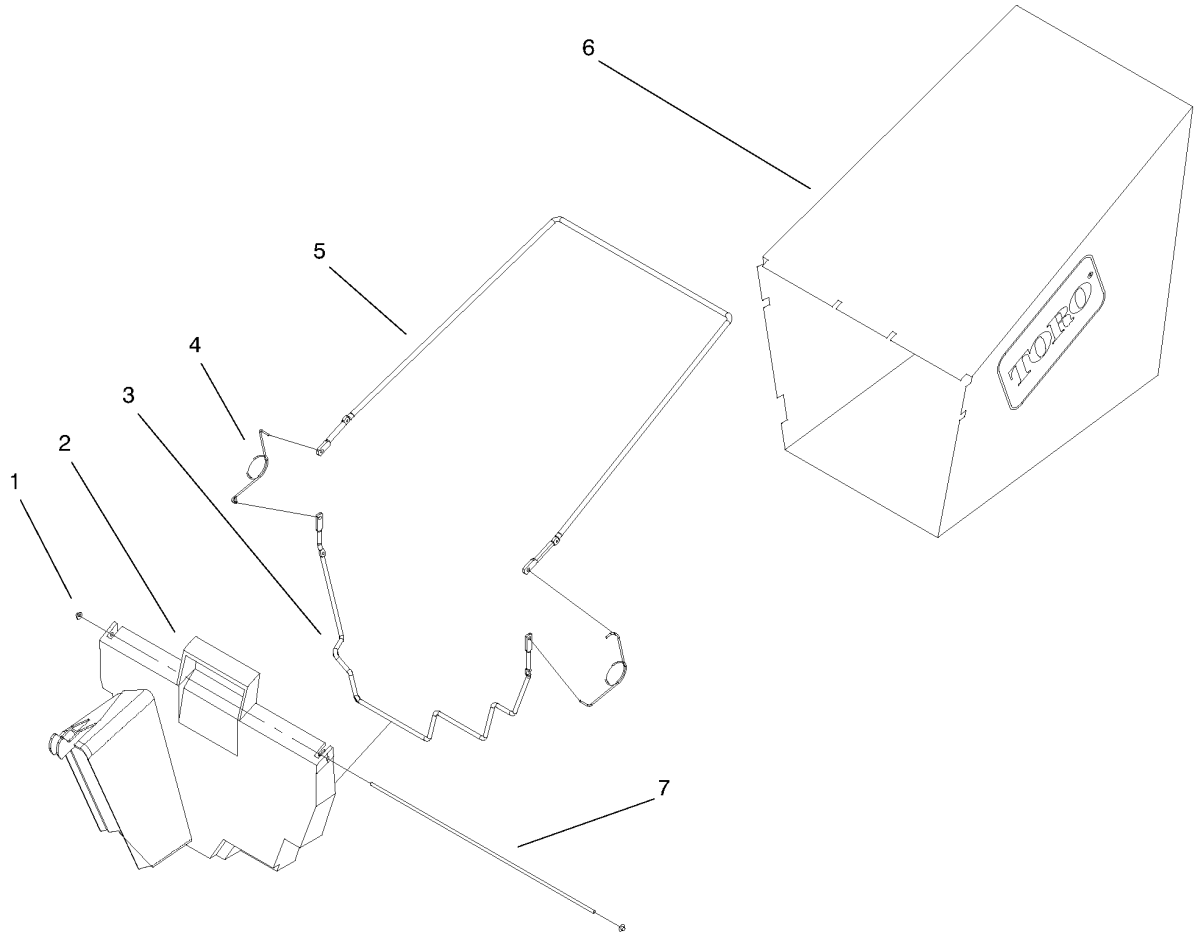
Handle and Control Assembly

Ref	Part No.	Qty.	Description
1	104-1013	1	Guard-Cable
2	614643-05	1	Handle-Lower
3	106-8349	1	Cable-Brake
4	3296-73	2	Nut-Lock, NI
5	106-8331	1	Anchor-Cable
6	106-8330	1	Guide-Rope
7	105-6841	1	Guide-RH
8	106-8327-05	1	Handle-Upper
9	104-8690	1	Spring-Torsion
10	104-8678	1	Handle-Control
11	110-7056	1	Decal-Ads, Handle
12	104-8679-03	1	Bail-Brake
13	99-1588	1	Bar-Control, Traction
14	99-1589	1	Lever-Traction
15	105-6842	1	Guide-LH
16	95-4453	1	Screw
17	92-7729	1	Anchor-Cable, Upper
18	3256-1	2	Washer-Flat
19	106-4161	2	Knob-Handle
20	614697	2	Screw
21	105-1844	1	Cable-Traction
22	93-7380	1	Anchor-Cable
23	3256-23	1	Washer-Flat



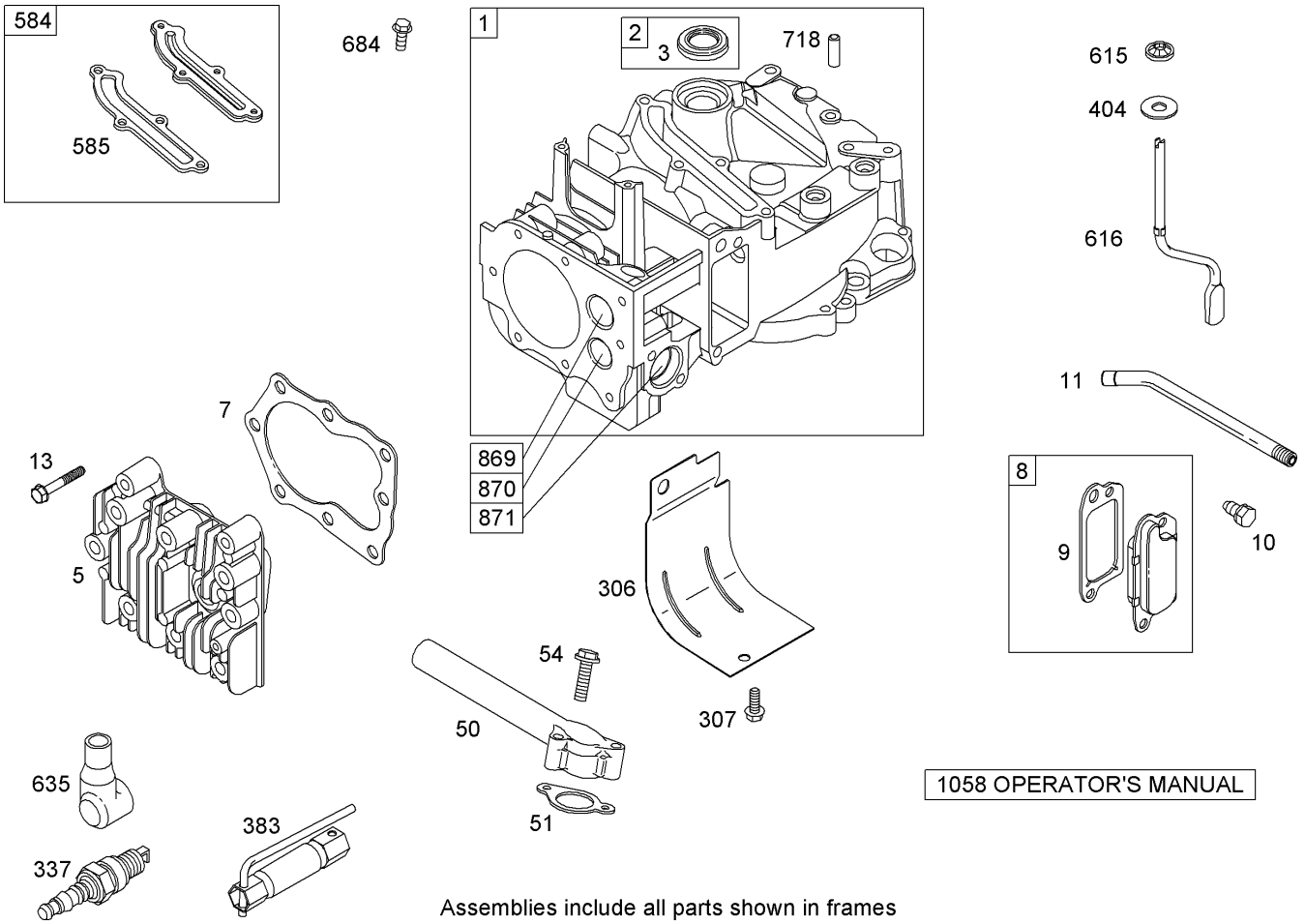
Rear Bag Discharge Chute Assembly

Ref	Part No.	Qty.	Description
1	88-1090	2	Spring-Door, RH
2	33-0441	1	Door Cover
3	88-1800	1	Latch-Door
4	33-0450	1	Spring-Compression, Latch
5	104-0217	1	Discharge Chute ASM
5:2	104-0578	1	Decal-Danger
6	98-2696-03	1	Plate-Chute, Discharge
7	46-8090	2	Screw-Plastite
9	32144-111	1	Screw-PPH
10	94-1610	4	Nut-Clip
11	46-6811	4	Screw-HWH
12	32144-32	2	Screw
13	93-0264	1	Door-Discharge
15	100-1589-03	1	Clamp-Door



Grass Bagging Assembly

Ref	Part No.	Qty.	Description
1	3290-422	2	Nut-Push
2	93-0266	1	Door-Bag
3	93-0282	1	Frame-Lower Bag
4	36-6910	2	Spring
5	93-0281	1	Frame-Upper Bag
6	93-0284	1	Bag-Grass
7	93-0283	1	Hinge-Bag Door

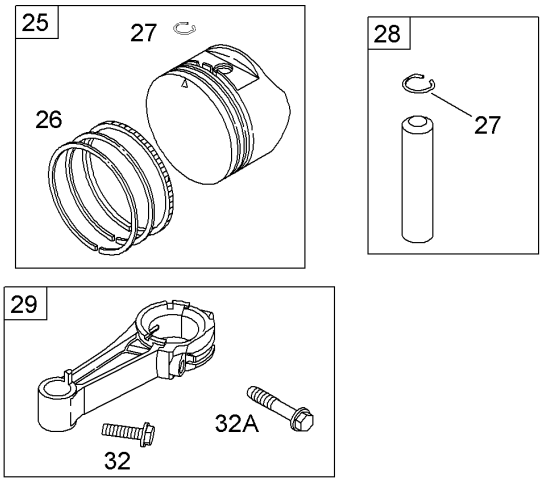


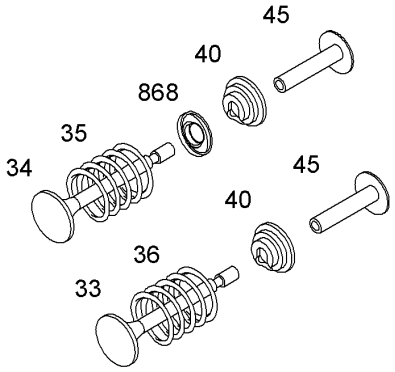
Assemblies include all parts shown in frames

Cylinder Assembly
Briggs and Stratton 12H802-2032-B1

Ref	Part No.	Qty.	Description
❷1	697322	1	Cylinder ASM
❷2	399269	1	Bushing Seal Kit
❷❹3	299819s	1	Seal-Oil (Magneto Side)
❷5	691160	1	Head-Cylinder
❷❹7	692249	1	Gasket-Head, Cylinder
❷8	696125	1	Gasket-Breather
❷9	699472	1	Gasket-Breather
❷10	691125	1	Screw (Breather)
❷11	691781	1	Tube-Breather
❷13	690912	1	Screw (Cylinder Head)
❷50	497465	1	Manifold-Intake
❷❹51	272199s	1	Gasket-Intake
❷54	691650	1	Screw (Intake Manifold)
❷306	690450	1	Cylinder Shield
❷307	690345	1	Screw (Cylinder Shield)
❷337	802592s	1	Plug-Spark
❷383	89838s	1	Wrench-Spark Plug
❷404	690272	1	Washer (Governor Crank)
❷584	697734	1	Cover-Passage, Breather
❷❹585	691879	1	Gasket-Passage, Breather
❷615	690340	1	Retainer-Shaft, Governor
❷616	698801	1	Crank-Governor
❷635	793351	1	Boot-Spark Plug
❷684	690345	1	Screw (Breather Passage Cover)

Ref	Part No.	Qty.	Description
❷718	690959	1	Pin-Locating
❷869	691155	1	Seat-Valve (Intake)
❷870	690380	1	Seat-Valve (Exhaust)
❷871	262001	1	Bushing-Guide (Exhaust)
❷871	63709	1	Bushing-Guide (Intake)
❷1058	MS3262	1	Operator's Manual





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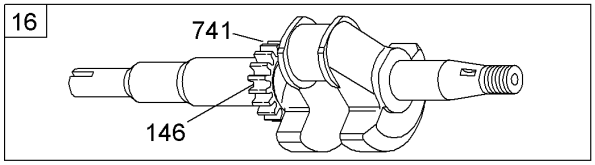
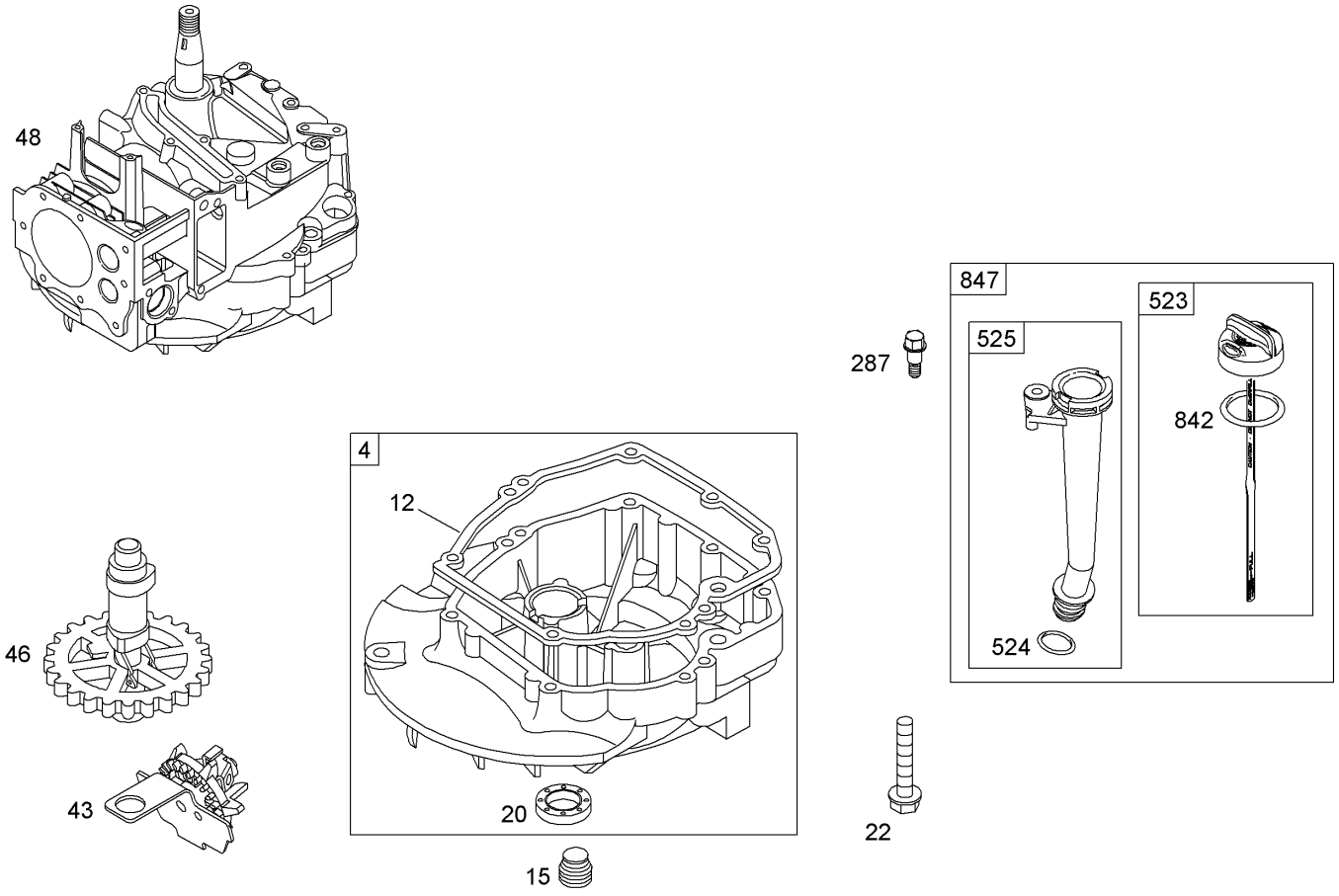


Assemblies include all parts shown in frames

Crankshaft Assembly
Briggs and Stratton 12H802-2032-B1

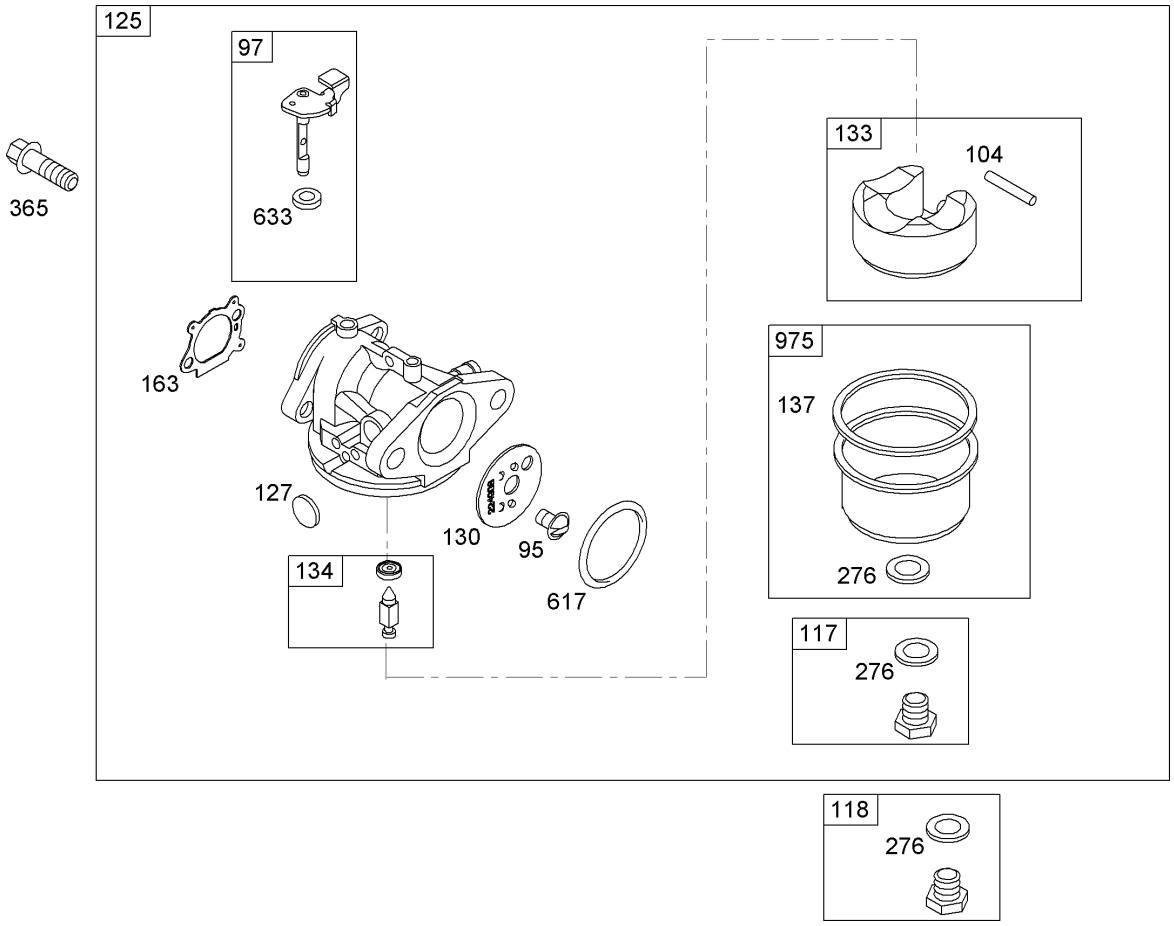
Ref	Part No.	Qty.	Description
❷16	696009	1	Crankshaft
❷24	222698s	1	Key-Flywheel
❷25	791097	1	Piston ASM (STD)
❷25	791326	1	Piston ASM (.020 O S)
❷26	791098	1	Ring Set (STD)
❷26	791324	1	Ring Set (.020 O S)
❷27	691866	1	Lock-Pin, Piston
❷28	499423	1	Pin-Piston (STD)
❷29	499424	1	Rod-Connecting (STD)
❷32	691664	1	Screw (Connecting Rod)
❷32A	695759	1	Screw (Connecting Rod)
❷33	262651	1	Valve-Exhaust
❷34	262652	1	Valve-Intake
❷35	691270	1	Spring-Valve (Intake)
❷36	691270	1	Spring-Valve (Exhaust)
❷40	692194	1	Retainer-Valve
❷45	690548	1	Tappet-Valve
❷146	690979	1	Key-Timing
❷741	691830	1	Gear-Timing
❷868	697338	1	Seal-Valve



Assemblies include all parts shown in frames

Crankcase Assembly
Briggs and Stratton 12H802-2032-B1

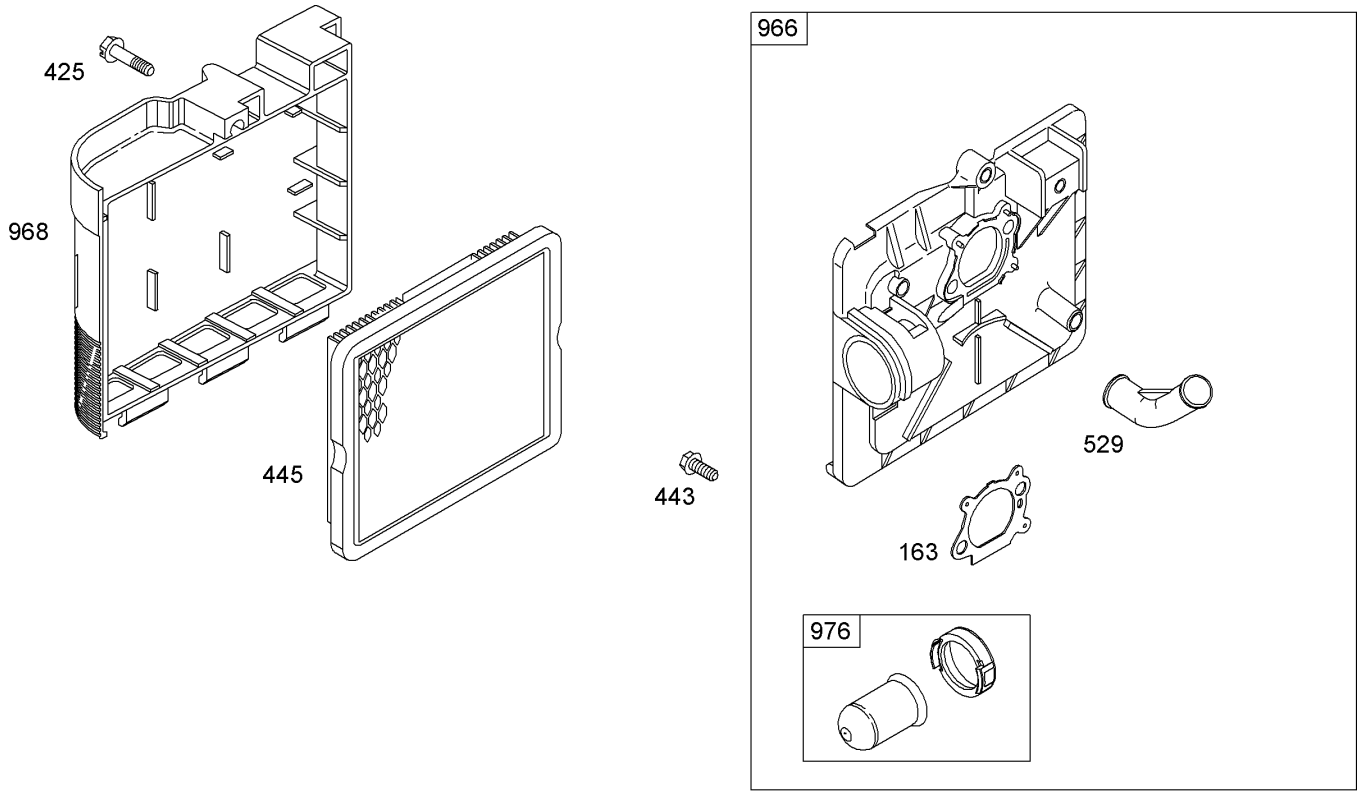
Ref	Part No.	Qty.	Description
❷4	792742	1	Sump-Engine
❷❹12	692232	1	Gasket-Crankcase (.015 STD)
❷15	691680	1	Plug-Drain, Oil
❷❹20	399781s	1	Seal-Oil
❷22	691092	1	Screw (Engine Sump)
❷43	691997	1	Slinger-Governor, Oil
❷46	691449	1	Camshaft
❷48	498829	1	Short Block
❷287	690940	1	Screw (Dipstick Tube)
❷523	499621	1	Dipstick
❷❹524	692296	1	Seal, O-Ring (Dipstick Tube)
❷525	495265	1	Tube-Dipstick
❷❹842	691031	1	Seal, O-Ring (Dipstick Tube)
❷847	692047	1	Dipstick Tube ASM



Assemblies include all parts shown in frames

Carburetor Assembly
Briggs and Stratton 12H802-2032-B1

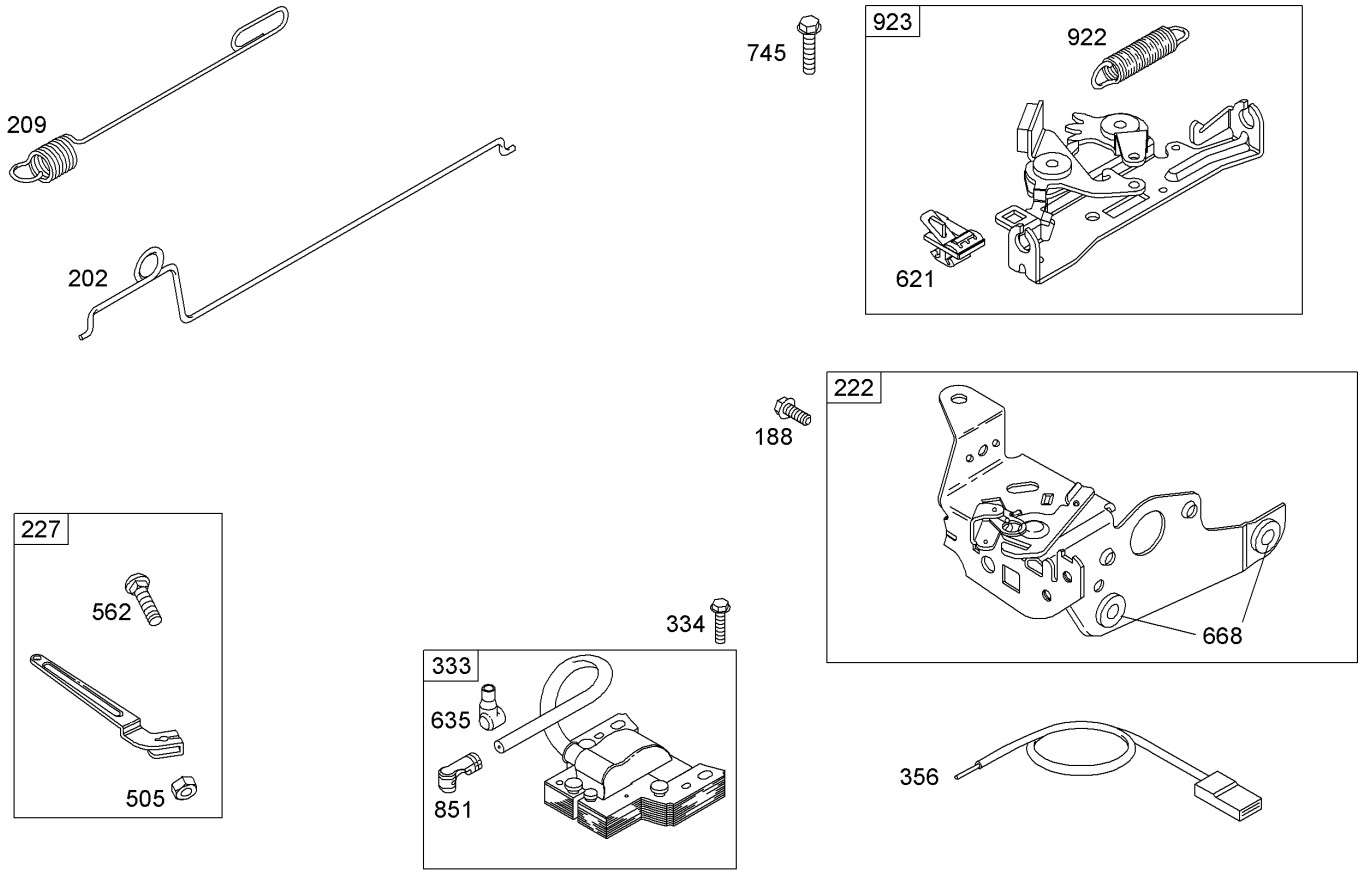
Ref	Part No.	Qty.	Description
❷95	691636	1	Screw (Throttle Valve)
❷97	696565	1	Shaft-Throttle
❷❸104	691242	1	Pin-Hinge, Float
❷117	498978	1	Jet-Main (STD)
❷118	494870	1	Jet-Main (High Altitude)
❷125	498170	1	Carburetor
❷❸127	694468	1	Plug-Welch
❷130	696564	1	Valve-Throttle
❷133	398187	1	Float-Carburetor
❷❸134	398188	1	Needle Seat Kit
❷❸137 ❺	693981	1	Gasket-Bowl, Float
❷❸163 ❹❺	272653s	1	Gasket-Cleaner, Air
❷❸276 ❺	271716	1	Washer-Sealing
❷365	692524	1	Screw (Carburetor)
❷❸617 ❺	270344s	1	Seal, O-Ring (Intake Manifold)
❷❸633 ❺	691321	1	Seal-Shaft, Choke Throttle
❷975	493640	1	Bowl-Float



Assemblies include all parts shown in frames

Air Cleaner Assembly
Briggs and Stratton 12H802-2032-B1

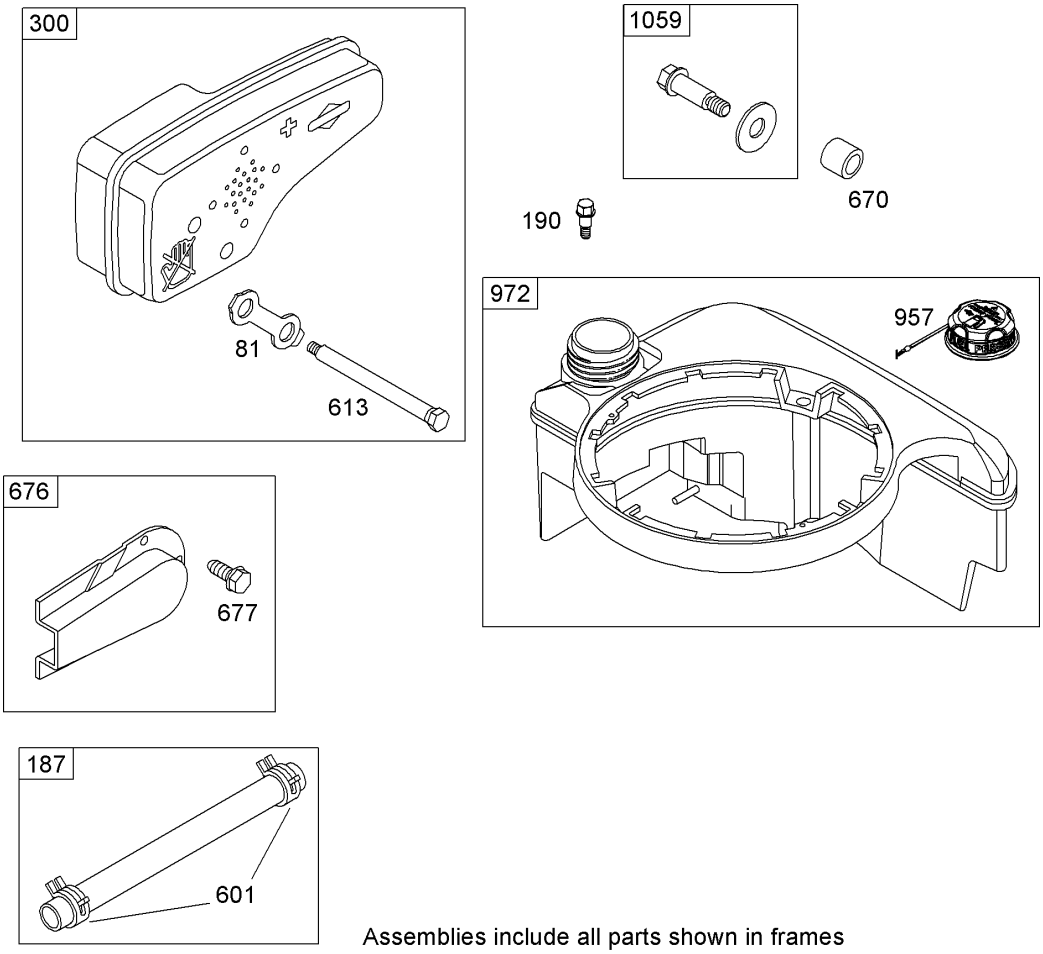
Ref	Part No.	Qty.	Description
❷❸163 ❹❺	272653s	1	Gasket-Cleaner, Air
❷425	690670	1	Screw (Air Cleaner Cover)
❷443	692523	1	Screw (Air Cleaner Primer Base)
❷445	491588s	1	Filter-Cartridge, Air Cleaner
❷529	691923	1	Grommet
❷966	496116	1	Base-Primer, Air Cleaner
❷968	692298	1	Cover-Cleaner, Air
❷976	694395	1	Primer-Carburetor



Assemblies include all parts shown in frames

Governor Assembly
Briggs and Stratton 12H802-2032-B1

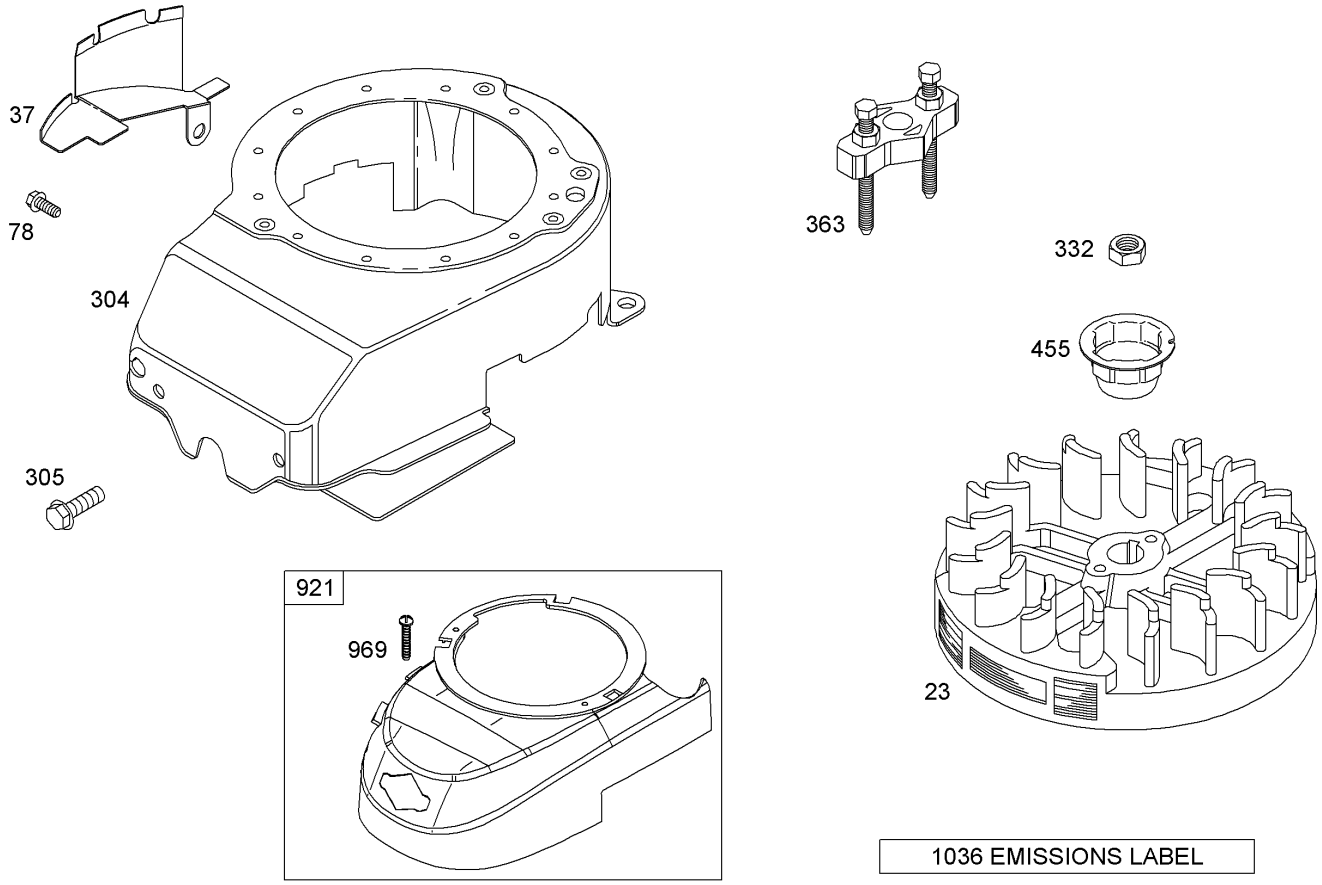
Ref	Part No.	Qty.	Description
❷188	690877	1	Screw (Control Bracket)
❷202	691829	1	Link-Governor, Mechanical
❷209	691852	1	Spring-Governor
❷222	791128	1	Bracket-Control
❷227	690783	1	Lever-Control, Governor
❷333	793353	1	Armature-Magneto
❷334	691061	1	Screw (Magneto Armature)
❷356	692390	1	Wire-Stop
❷505	691251	1	Nut (Governor Control Lever)
❷562	691119	1	Bolt (Governor Control Lever)
❷621	692310	1	Switch-Stop
❷635	793351	1	Boot-Spark Plug
❷❹668	493823	1	Spacer
❷745	691648	1	Screw (Brake)
❷851	493880	1	Terminal-Spark Plug
❷922	691831	1	Spring-Brake
❷923	691994	1	Brake ASM



Assemblies include all parts shown in frames

Muffler and Fuel Tank Assembly
Briggs and Stratton 12H802-2032-B1

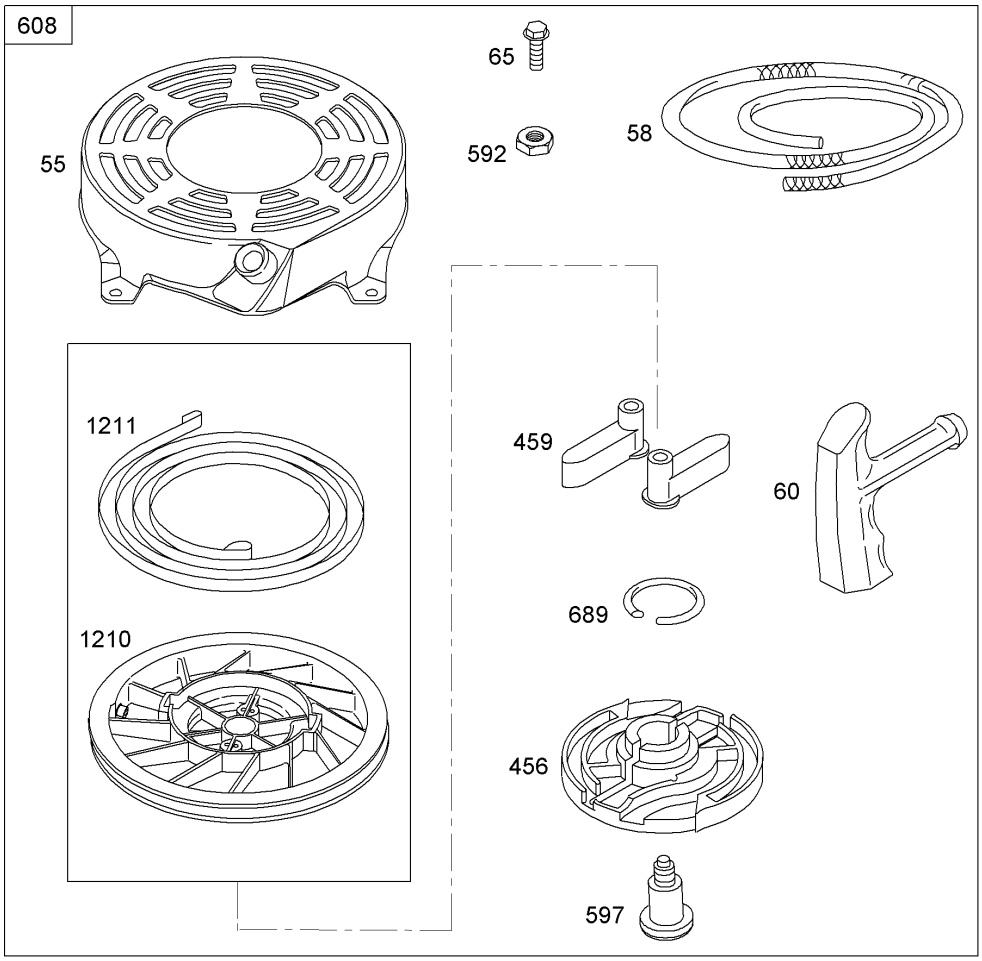
Ref	Part No.	Qty.	Description
❷81	691740	1	Lock-Screw, Muffler
❷187	791766	1	Line–Fuel (Cut To Required Length)
❷190	690940	1	Screw (Fuel Tank)
❷300	692038	1	Muffler
❷601	791850	1	Clamp-Hose
❷613	691340	1	Screw (Muffler)
❷670	692294	1	Spacer-Tank, Fuel
❷676	493871	1	Deflector-Muffler
❷677	690661	1	Screw (Muffler Deflector)
❷957	699985	1	Cap-Tank, Fuel
❷972	699374	1	Tank-Fuel
❷1059	692311	1	Screw And Washer Kit



Assemblies include all parts shown in frames

Blower Housing Assembly
Briggs and Stratton 12H802-2032-B1

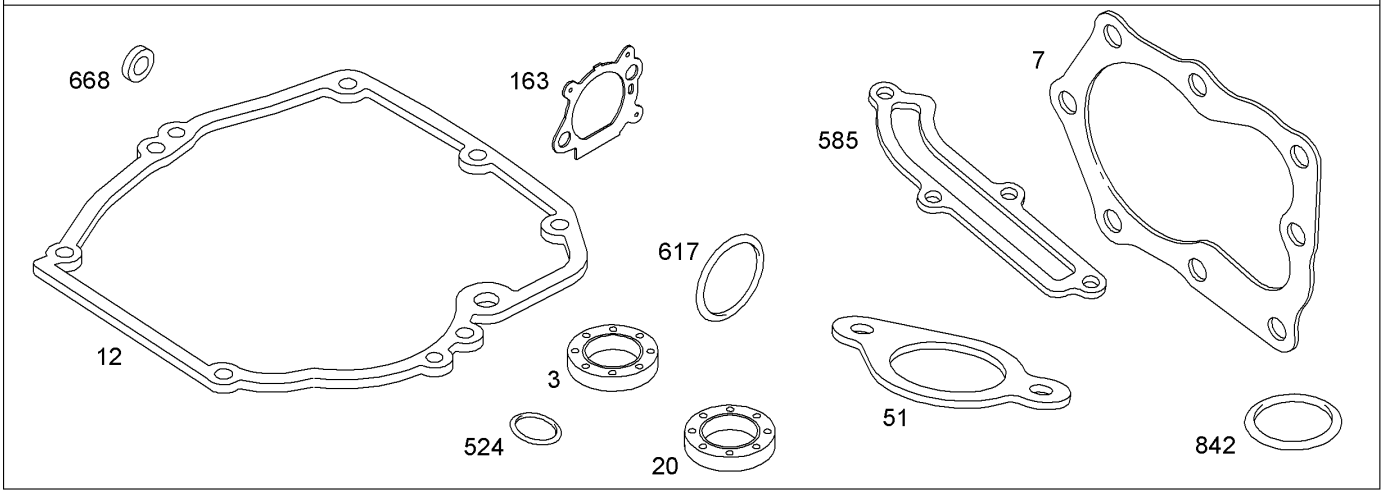
Ref	Part No.	Qty.	Description
❷23	691987	1	Flywheel
❷37	694086	1	Guard-Flywheel
❷78	691108	1	Screw (Flywheel Guard)
❷304	493293	1	Housing-Blower
❷305	691108	1	Screw (Blower Housing)
❷332	690662	1	Nut (Flywheel)
❷363	19069	1	Puller-Flywheel
❷455	791960	1	Cup-Flywheel
❷921	790036	1	Cover-Housing, Blower
❷969	691138	1	Screw (Blower Housing Cover)
❷1036		1	Label-Emissions (Available From An Authorized Briggs And Stratton Service Dealer)



Starter Assembly
Briggs and Stratton 12H802-2032-B1

Ref	Part No.	Qty.	Description
❷55	691421	1	Housing-Starter, Rewind
❷58	697316	1	Rope-Starter (Cut To Required Length)
❷60	281434s	1	Grip-Rope, Starter
❷65	690837	1	Screw (Rewind Starter)
❷456	692299	1	Plate-Friction, Pawl
❷459	281505s	1	Ratchet-Pawl
❷592	690800	1	Nut (Rewind Starter)
❷597	691696	1	Screw (Pawl Friction Plate)
❷608	497680	1	Starter-Rewind
❷689	691855	1	Spring-Friction
❷1210	498144	1	Pulley And Spring ASM (Pulley)
❷1211	498144	1	Pulley And Spring ASM (Spring)

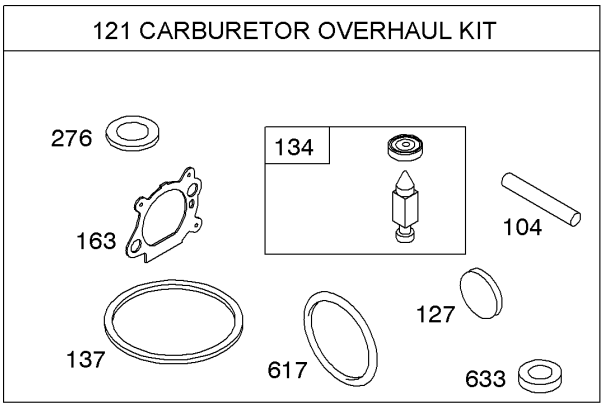
358 ENGINE GASKET SET

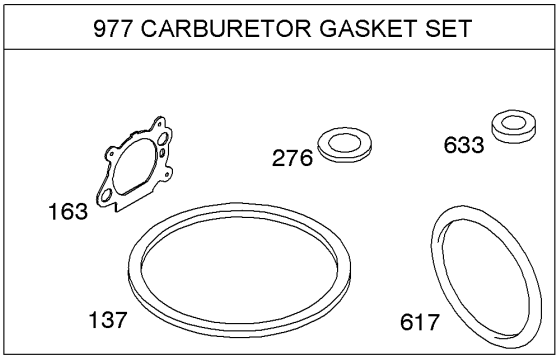


Assemblies include all parts shown in frames

Gasket Kit
Briggs and Stratton 12H802-2032-B1

Ref	Part No.	Qty.	Description
❷❹3	299819s	1	Seal-Oil (Magneto Side)
❷❹7	692249	1	Gasket-Head, Cylinder
❷❹12	692232	1	Gasket-Crankcase (.015 STD)
❷❹20	399781s	1	Seal-Oil (PTO Side)
❷❹51	272199s	1	Gasket-Intake
❷❺163 ❹❺	272653s	1	Gasket-Cleaner, Air
❷❹358	497316	1	Gasket Set-Engine
❷❹524	692296	1	Seal, O-Ring (Dipstick Tube)
❷❹585	691879	1	Gasket-Passage, Breather
❷❺617 ❹❺	270344s	1	Seal, O-Ring (Intake Manifold)
❷❹668	493823	1	Spacer
❷❹842	691031	1	Seal, O-Ring (Dipstick)





Assemblies include all parts shown in frames

Carburetor Overhaul Kit
Briggs and Stratton 12H802-2032-B1

Ref	Part No.	Qty.	Description
❷❸104	691242	1	Pin-Hinge, Float
❷121	498260	1	Carburetor Overhaul Kit
❷❸127	694468	1	Plug-Welch
❷❸134	398188	1	Needle Seat Kit
❷❸137 ❺	693981	1	Gasket-Bowl, Float
❷❸163 ❹❺	272653s	1	Gasket-Cleaner, Air
❷276	271716	1	Washer-Sealing
❷❸617 ❹❺	270344s	1	Seal, O-Ring (Intake Manifold)
❷❸633 ❺	691321	1	Seal-Shaft, Choke Throttle
❷977	498261	1	Carburetor Gasket Set

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