Form Number 3350-991

48cm Recycler®/Rear Bagging Lawnmower

Model No. 20831 - 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.

PROTOTYPE

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

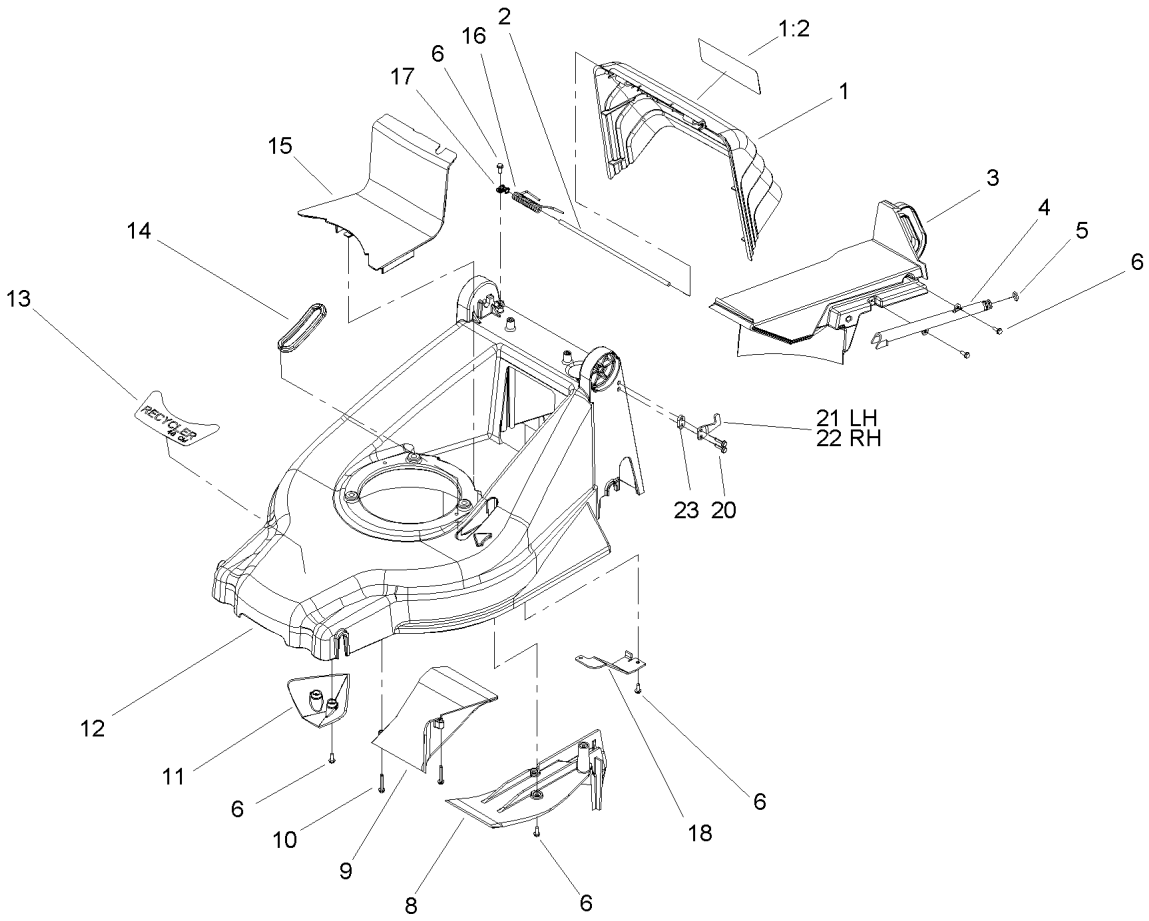
Part descriptions in this catalog may include the following abbreviations.

AR	as required
ASM	assembly
CARR	carriage
DEG	degrees
FH	flat head
GA	gauge
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
HS	hex
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
INC	incorporated
LH	left hand
NI	nylon insert
PPH	phillips pan head
PTH	phillips truss head
PTO	power take off
RH	right hand
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
WH	wing head

PROTOTYPE

Footnotes

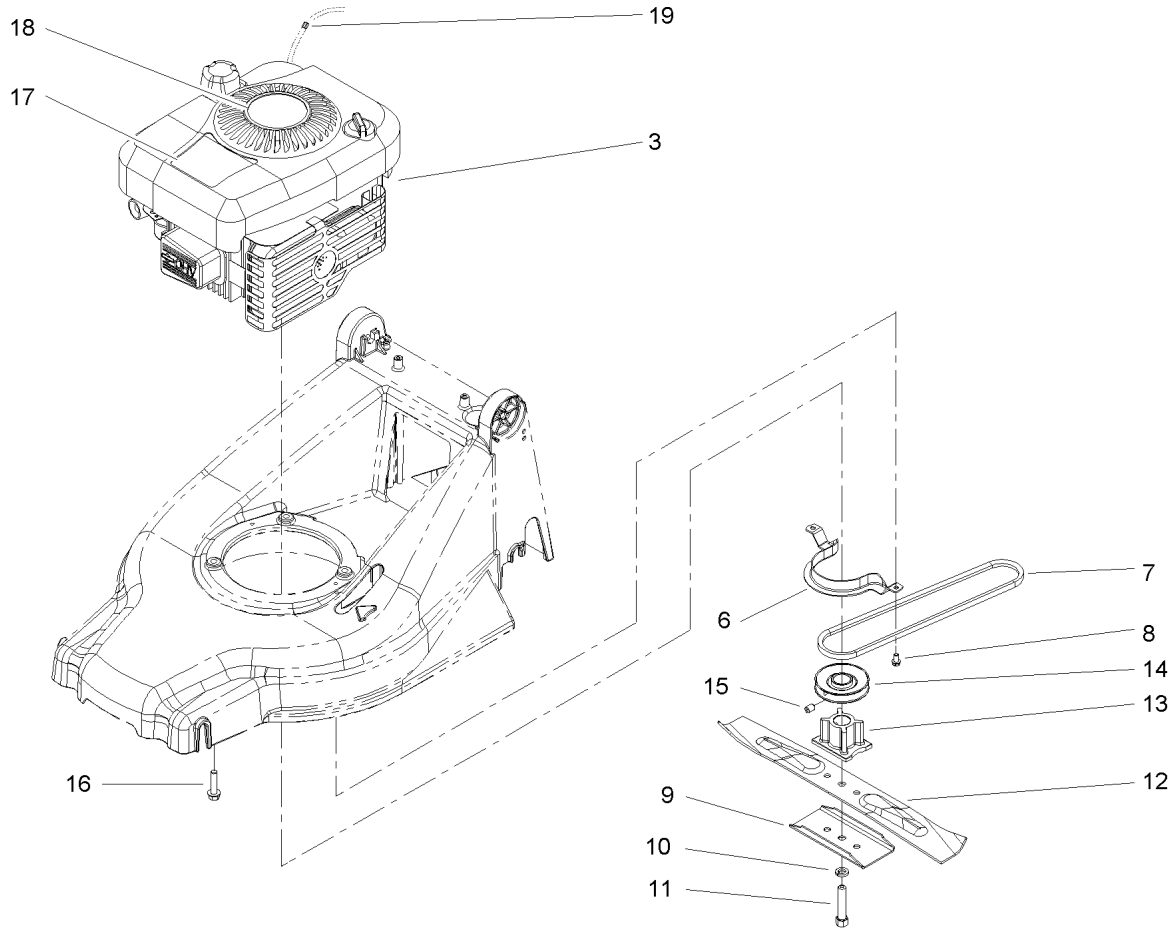
❶ Not illustrated
❷ Not serviced separately
❸ Included in Engine Gasket Set-Ref. 358.
❹ Included in Valve Gasket Set-Ref. 1095.
❺ Included in Carburetor Overhaul Kit-Ref. 121.
❻ Included in Carburetor Gasket Set-Ref. 977.
❼ Obtain parts from your local Briggs & Stratton dealer



Housing 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
3	100-1505	1	Plug-Kicker, Recycler
4	100-1522	1	Fitting-Washout
5	46-6290	1	O-Ring
6	32144-1	11	Screw-Taptite
8	99-6486	1	Cover-Kicker, Rear
9	100-1506	1	Ramp-Discharge
10	100-4352	2	Screw-HWH
11	99-6485	1	Kicker-Front
12	104-7579	1	Deck
13	107-2242	1	Decal-Recycler
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
❶22	104-7558	1	Hook-Right
23	104-7556	2	Spacer

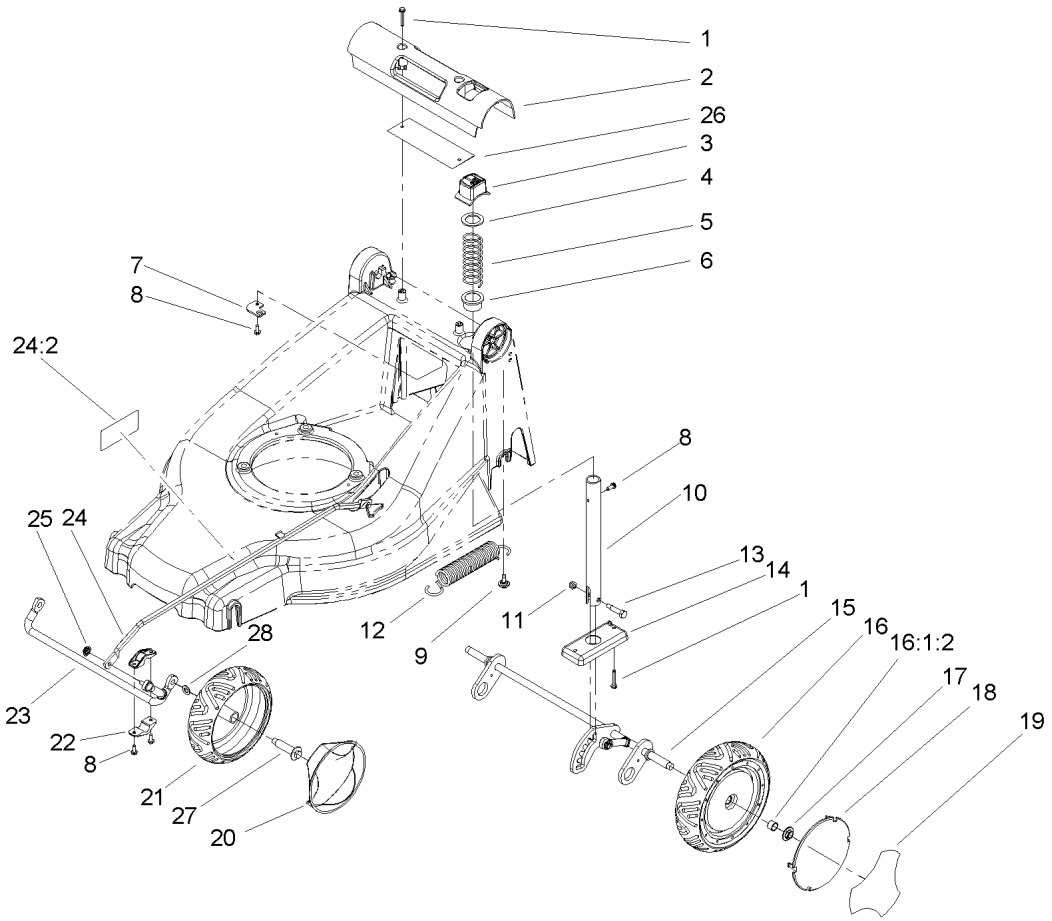
PROTOTYPE



Engine and Blade Assembly

Ref	Part No.	Qty.	Description
❷3		1	Engine-Briggs And Stratton, 122602-0120-E1
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	105-0525-03	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	99-6015	1	Decal
18	107-8921	1	Decal-Recoil, Recycler
19	2210-316	1	Stop-Rope

PROTOTYPE

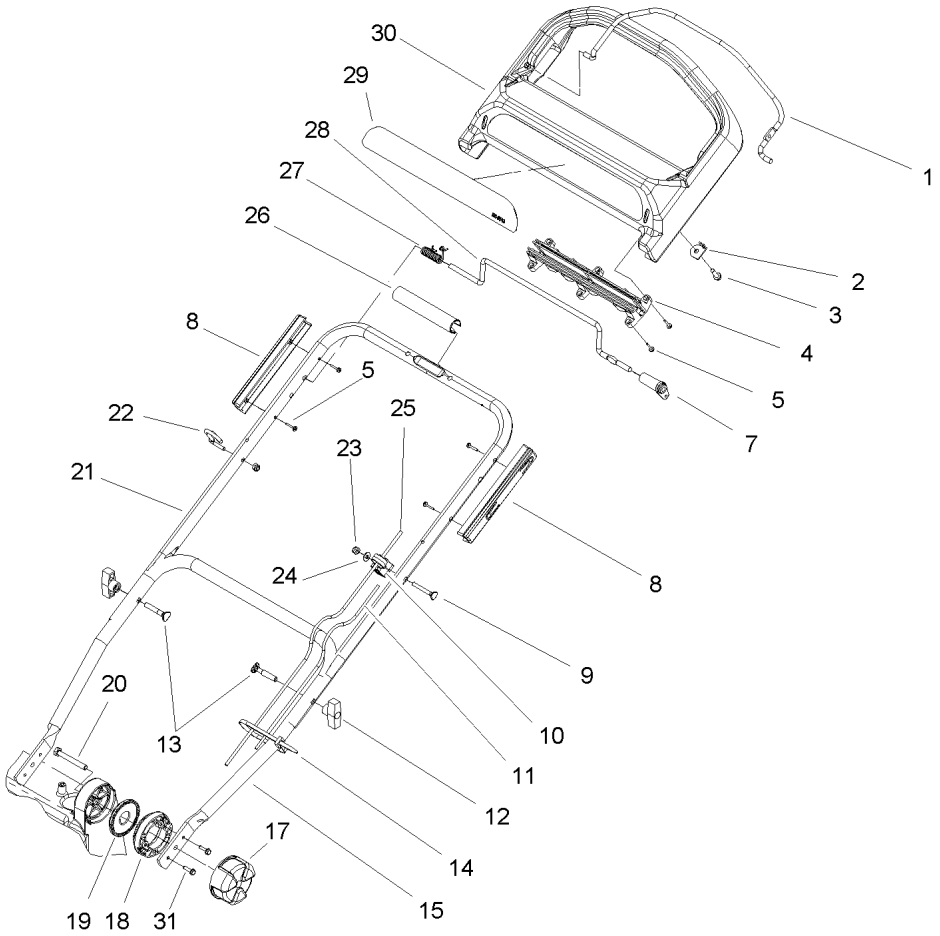


Height-Of-Cut and Wheel Assembly

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
❷16:1		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	100-9114	2	Decal-Smart 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

PROTOTYPE

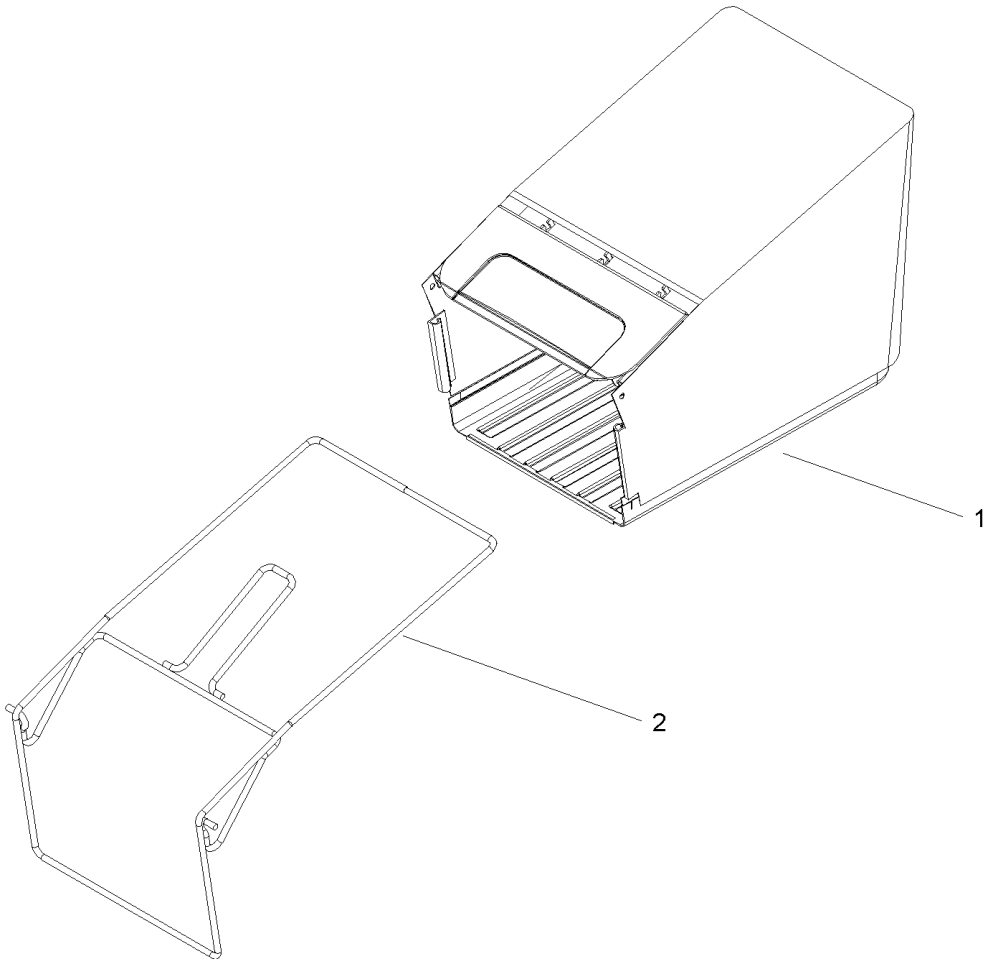


Handle Assembly

Ref	Part No.	Qty.	Description
1	99-1593-03	1	Bail-Brake
2	106-2662	1	Retainer-Cable
3	46-8091	1	Screw-HWH
4	99-6008	1	Retainer-Control Rod, Traction
5	94-4496	10	Screw-PPH
7	99-1589	1	Lever-Traction
8	99-1590	2	Guide-Handle, Control
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	99-1596-05	1	Handle-Upper
22	86-9671	1	Guide-Rope
23	3296-73	2	Nut-Lock, NI
24	3256-1	1	Washer-Flat
25	100-3937	1	Cable-Brake
26	100-5970	1	Cover-Handle

Ref	Part No.	Qty.	Description
27	99-1592	1	Spring-Torsion, RH
28	99-1588	1	Bar-Control, Traction
29	105-8643	1	Decal-Panel
30	99-1582	1	Handle-Control
31	100-4351	4	Screw-HWH

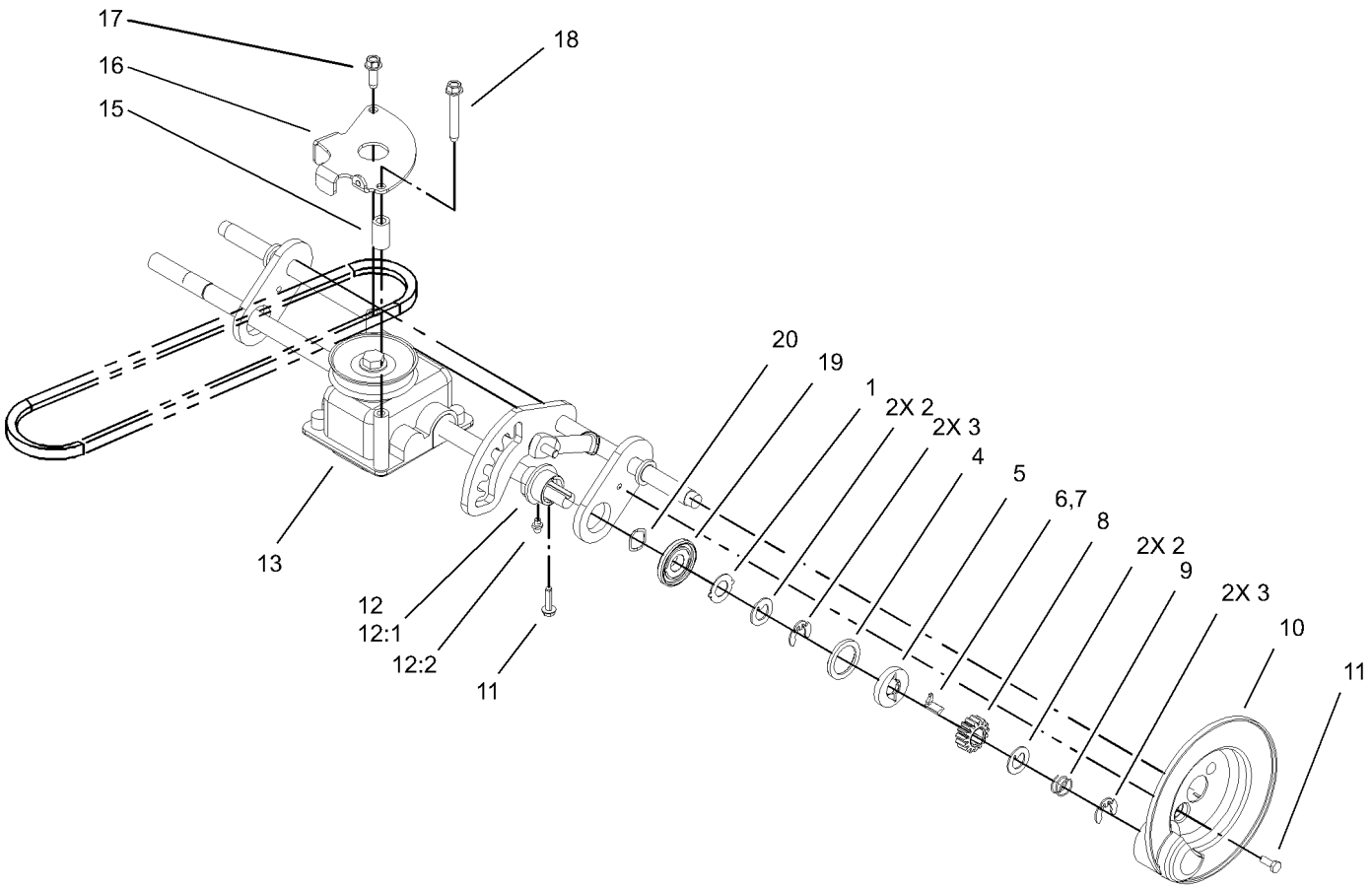
PROTOTYPE



Grass Bag Assembly

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

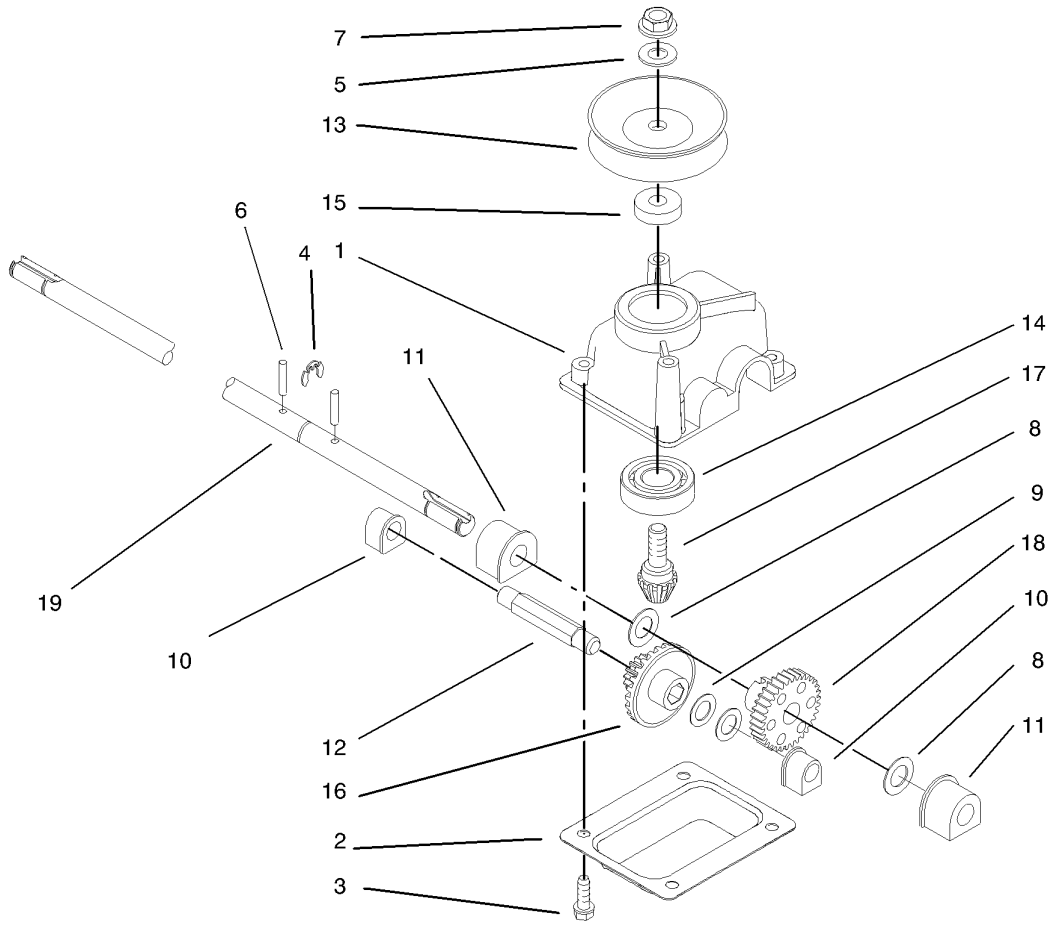
PROTOTYPE



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

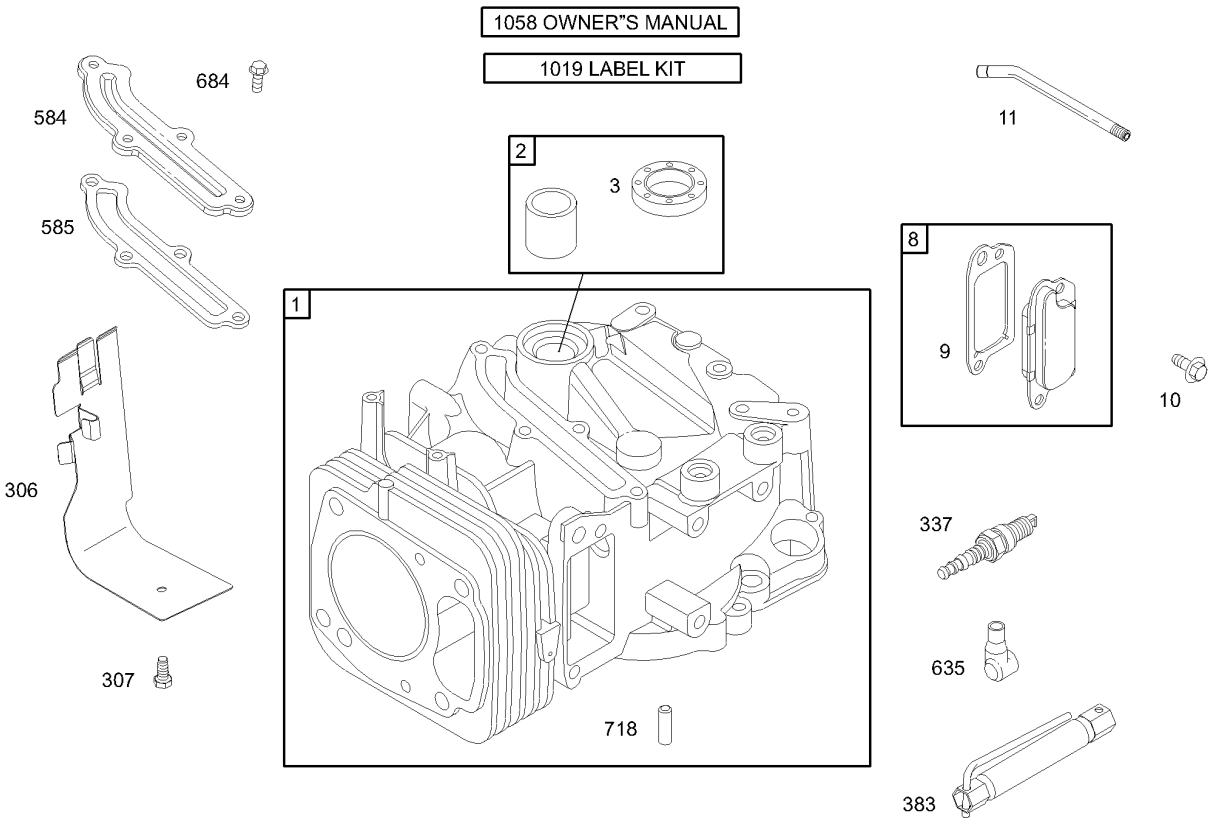
PROTOTYPE



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

PROTOTYPE

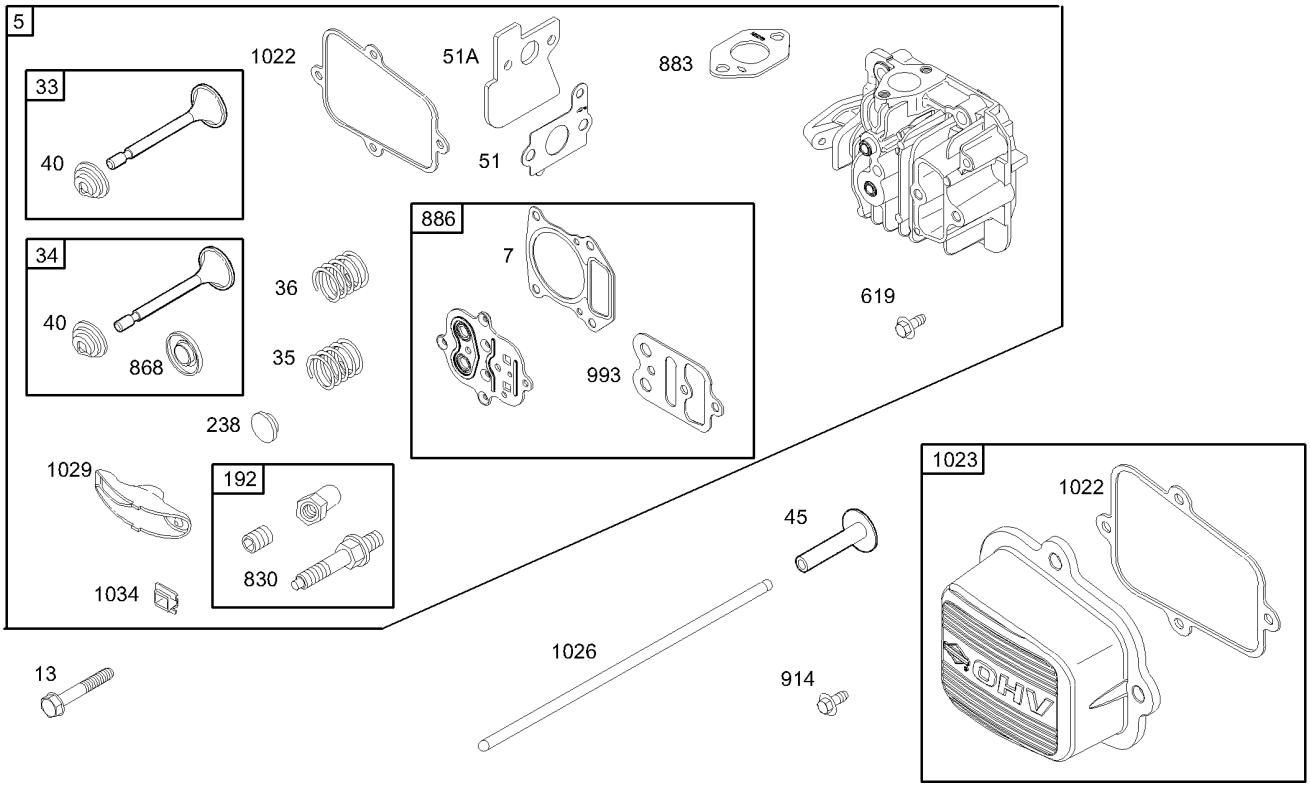


Assemblies include all parts shown in frames.

Cylinder Assembly
Briggs and Stratton 122602-0120-E1

Ref	Part No.	Qty.	Description
❼1	499678	1	Cylinder Assembly
❼2	399269	1	Bushing
❼3	299819	1	Seal-Oil
❼8	495786	1	Breather ASM
❼9	272481	1	Gasket-Breather
❼10	691125	1	Screw (Breather Assembly)
❼11	691260	1	Tube-Breather
❼306	691232	1	Shield-Cylinder
❼307	690345	1	Shield-Cylinder
❼337	692051	1	Sparkplug
❼383	19374	1	Wrench–plug, Spark
❼584	692342	1	Breather Passage
❼585	691879	1	Gasket-Breather Passage
❼635	66538	1	Spacer
❼684	690345	1	Shield-Cylinder
❼718	690959	1	Pin–locating
❼1019	695811	1	Kit-Label
❼1058	274979	1	Owners Manual

PROTOTYPE



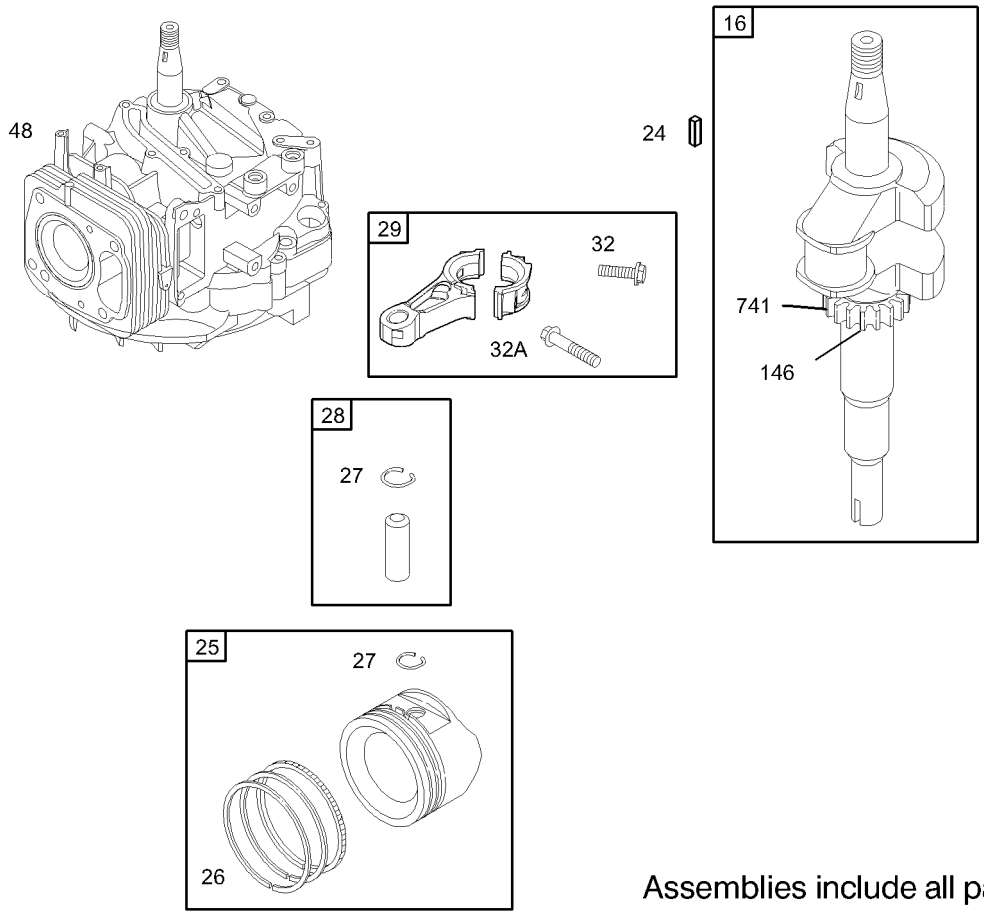
Assemblies include all parts shown in frames.

Cylinder Head Assembly
Briggs and Stratton 122602-0120-E1

Ref	Part No.	Qty.	Description
❼5	695276	1	Cylinder Head ASM
❼7	695166	1	Gasket-Cylinder Head
❼13	691137	1	Screw(Cylinder Head)
❼33	499642	1	Exhaust Valve ASM
❼34	499641	1	Intake Valve ASM
❼35	691304	1	Valve Spring (Intake)
❼36	691304	1	Valve Spring (Intake)
❼40	692194	1	Retainer-Valve
❼45	690977	1	Tappet–valve
❼51	692668	1	Gasket-Intake
❼51A	692799	1	Spacer-Carburetor
❼192	694543	1	Rocker Arm Ball ASM
❼238	691300	1	Valve Cap
❼619	691108	1	Screw (Rocker Cover)
❼830	694544	1	Stud-Rocker Arm
❼868	692044	1	Valve Seal Kit
❼883	691893	1	Gasket-Exhaust
❼886	696268	1	Cylinder Head/plategasket Kit
❼914	691127	1	Screw (Drive Cap)
❼993	694088	1	Gasket-Cylinder Head Plate
❼1022	691890	1	Gasket-Rocker Cover
❼1023	692694	1	Cover-Rocker
❼1026	692045	1	Rod-Push
❼1029	691230	1	Arm-Rocker

Ref	Part No.	Qty.	Description
❼1034	691343	1	Guide-Push Rod

PROTOTYPE

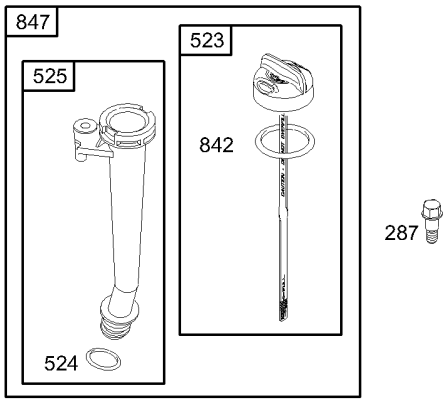


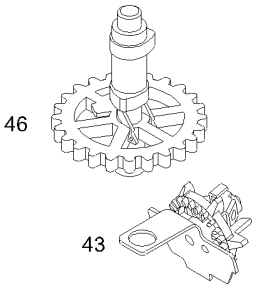
Assemblies include all parts shown in frames.

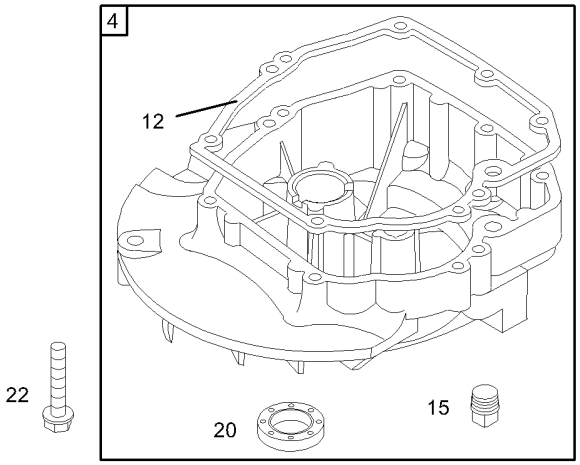
Crankshaft Assembly
Briggs and Stratton 122602-0120-E1

Ref	Part No.	Qty.	Description
❼16	695950	1	Crankshaft ASM
❼24	222698	1	Key–flywheel
❼25	499627	1	Piston Assembly (Standard)
❼	692788	1	Piston Assembly (.010 O/s)
❼	692789	1	Piston Assembly (.020 O/s)
❼	692790	1	Piston Assembly (.030 O/s)
❼26	499631	1	Ring Set(Standard)
❼	692785	1	Rimg Set(.010 O/s)
❼	692786	1	Ring Set(.020 O/s)
❼	692787	1	Ring Set(.030 O/s)
❼27	691866	1	Lock-Piston Pin
❼28	499423	1	Piston Pin ASM
❼29	499424	1	Connecting Rod ASM
❼32	691664	1	Screw(Connecting Rod)
❼32A	695759	1	Screw(Connecting Rod)
❼48	694898	1	Short Block Assembly
❼146	690979	1	Key-Timing
❼741	691830	1	Gear-Timing

PROTOTYPE





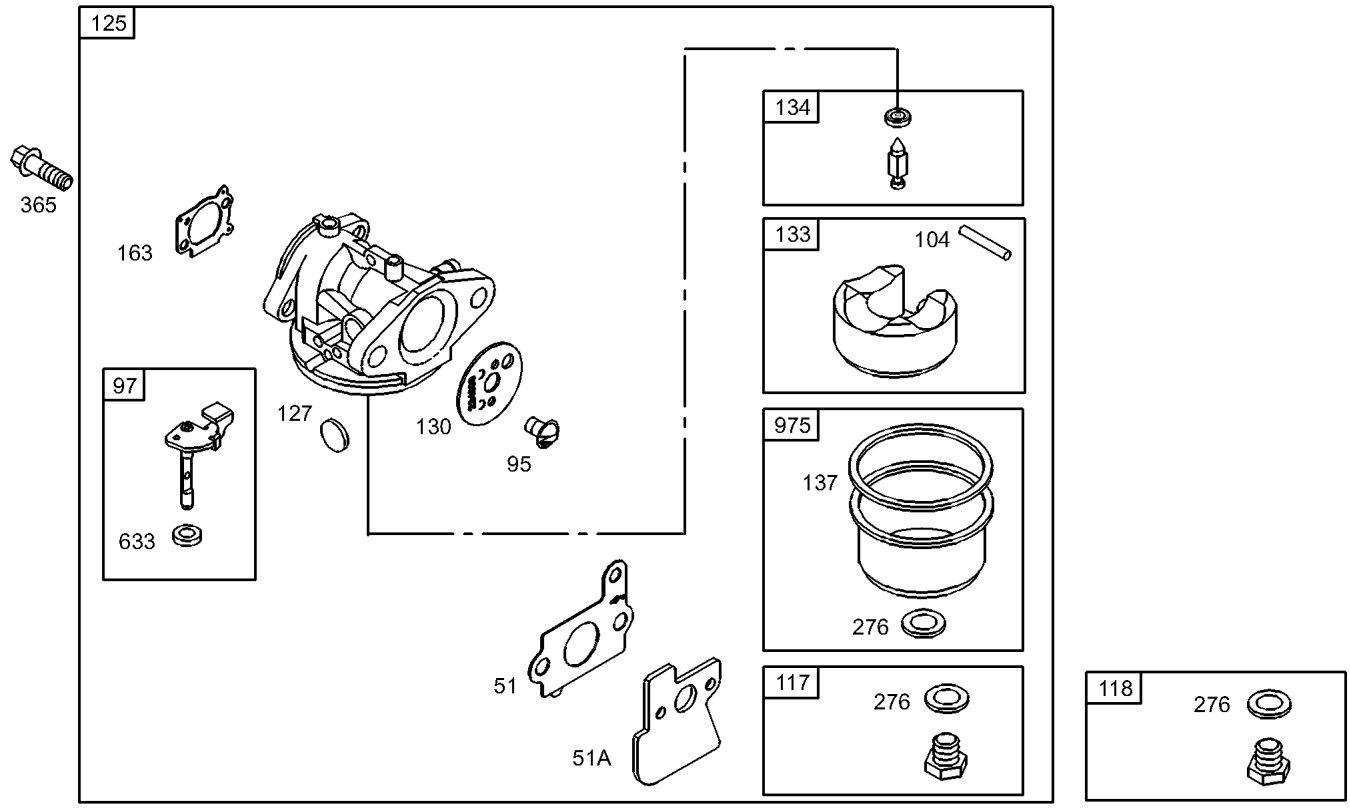


Assemblies include all parts shown in frames.

Crankcase Assembly Briggs and Stratton 122602-0120-E1

Ref	Part No.	Qty.	Description
❼4	499619	1	Engine Base
❼12	692232	1	Gasket-Crankcase
❼15	691680	1	Plug-Oil Drain
❼20	399781	1	Seal-Oil
❼22	691092	1	Screw(Engine Sump)
❼43	691997	1	Governor/oil Slinger
❼46	694039	1	Camshaft
❼287	690940	1	Screw (Fuel Tank)
❼523	499621	1	Tube-Dipstick
❼524	692296	1	Seal-Dipstick Tube
❼525	495265	1	Tube-Oil
❼842	691031	1	Seal–o Ring (Dipstick Tube)
❼847	692047	1	Dipstick And Tube ASM

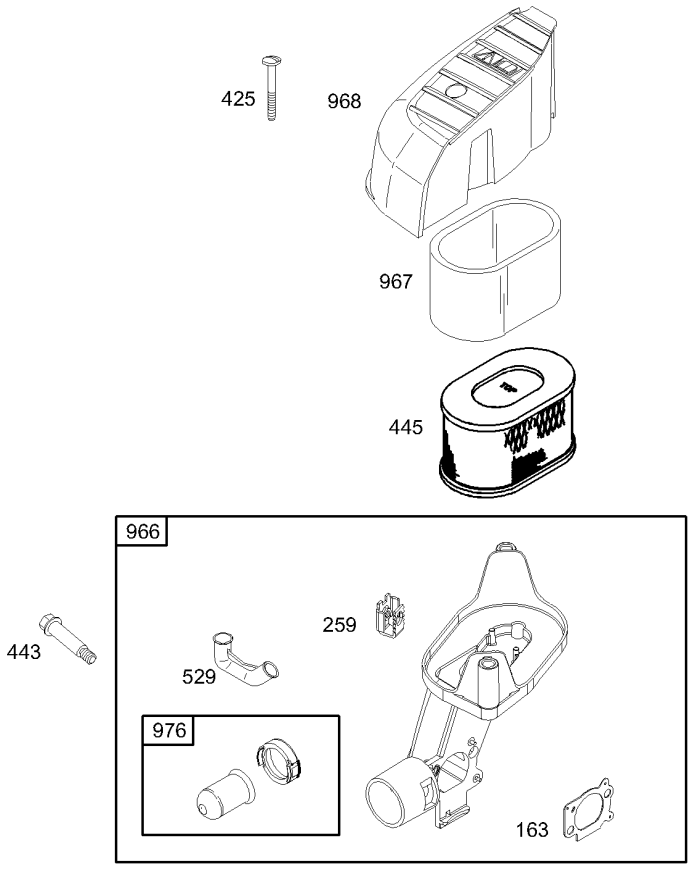
PROTOTYPE



Carburetor Assembly
Briggs and Stratton 122602-0120-E1

Ref	Part No.	Qty.	Description
❸❹51 ❺❻	692668	1	Gasket-Intake
❸❹51A ❺❻	692799	1	Spacer-Carburetor
❼95	691636	1	Screw (Throttle Valve)
❼97	499682	1	Throttle Shaft
❺❼104	691242	1	Pin-Float Hinge
❼117	498978	1	Main Jet (Standard)
❼118	498975	1	Jet-Main (Standard)
❼125	694202	1	Carburetor
❺❼127	694468	1	Welch Plug
❼130	691203	1	Valve-Throttle
❼133	398187	1	Carburetor Float ASM
❺❼134	398188	1	Valve-Inlet
❺❻137 ❼	693981	1	Gasket-Bowl
❸❹163 ❺❻	691894	1	Gasket-Air Cleaner
❺❻276 ❼	271716	1	Washer-Sealing
❼365	691136	1	Screw (Carburetor)
❺❻633 ❼	691321	1	Seal-Dust
❼975	493640	1	Bowl ASM

PROTOTYPE

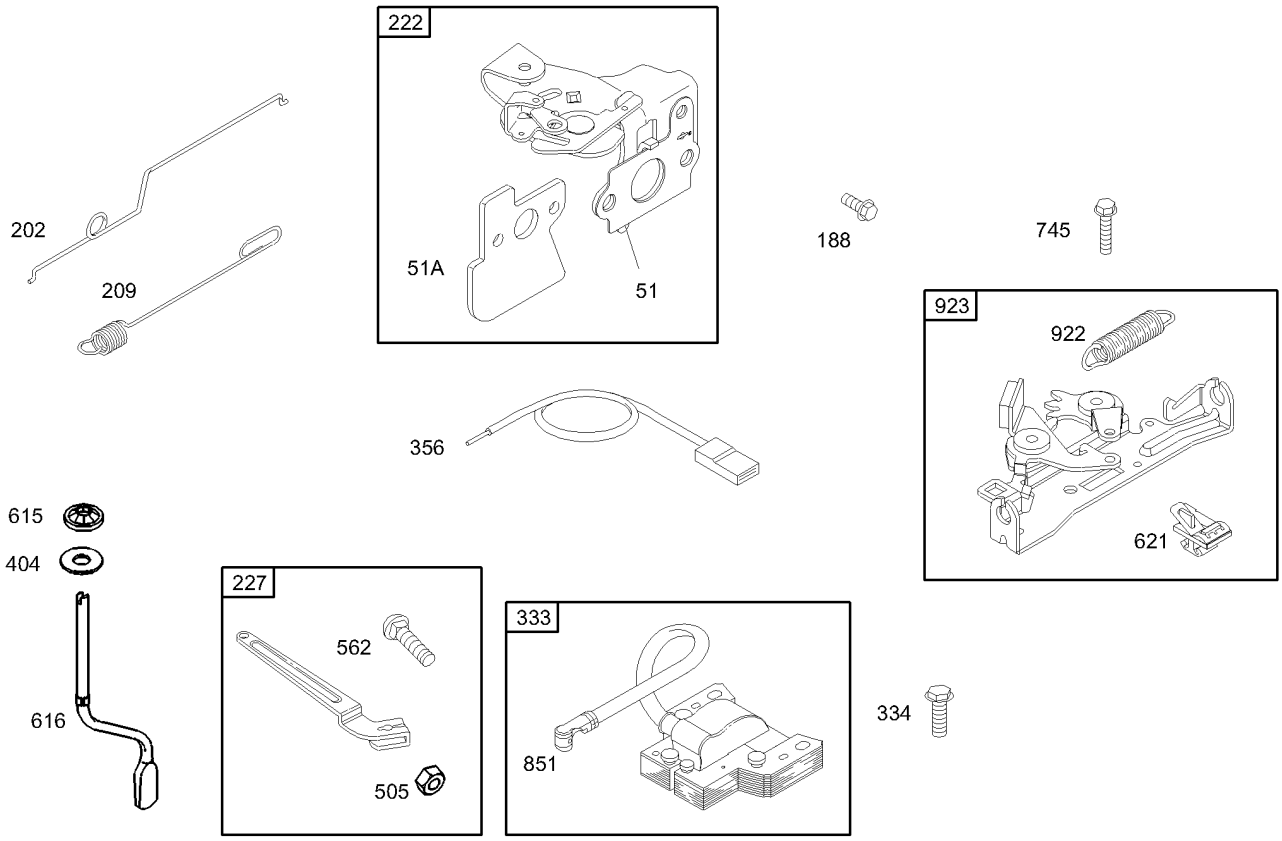


Assemblies include all parts shown in frames.

Air Cleaner Assembly
Briggs and Stratton 122602-0120-E1

Ref	Part No.	Qty.	Description
❸❹163 ❺❻	691894	1	Gasket-Air Cleaner
❼259	691189	1	Bracket-Casing Clamp
❼425	690244	1	Screw (Air Cleaner)
❼443	690255	1	Screw (Air Cleanerprimer Base)
❼445	690610	1	Ac Cartridge Filter
❼529	692937	1	Grommet
❼966	690243	1	Base-Air Cleaner Primer
❼967	273356	1	Air Filter
❼968	692692	1	Cover-Air Cleaner
❼976	694395	1	Primer-Carburetor

PROTOTYPE

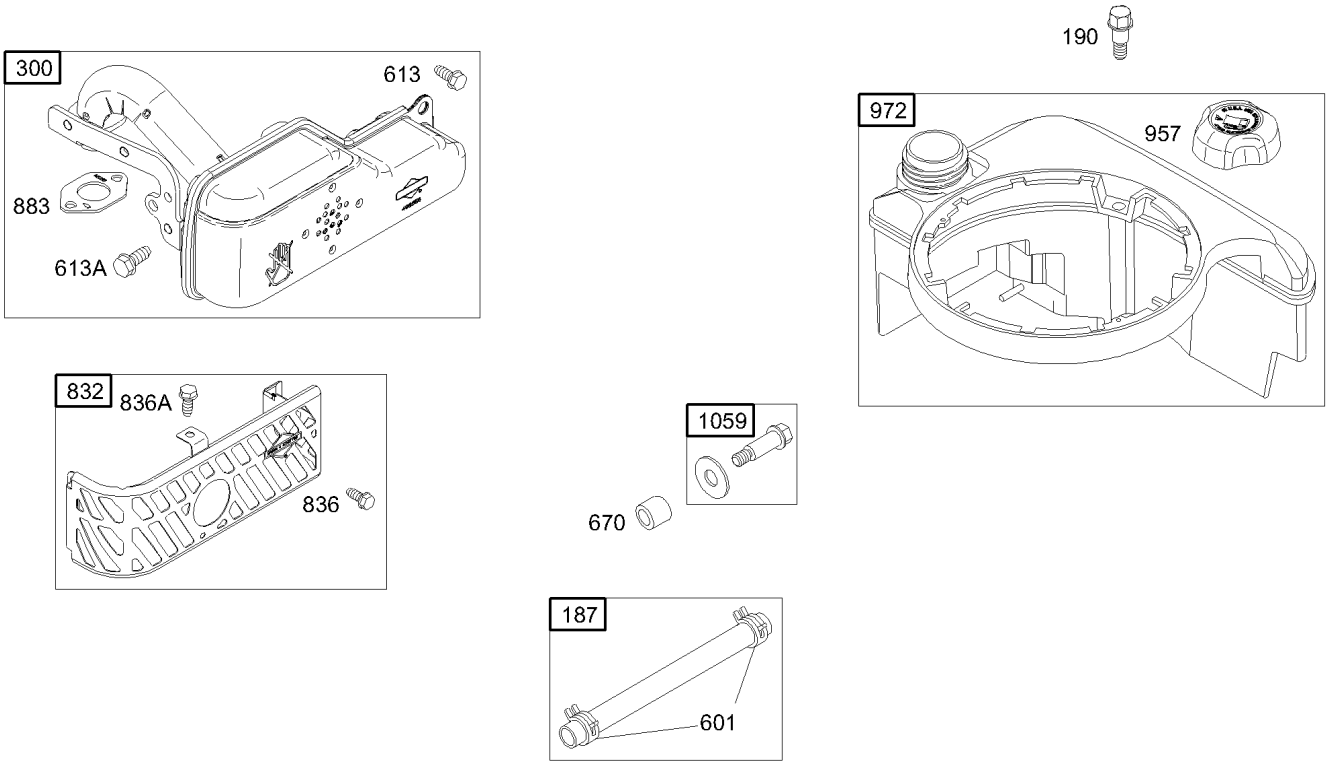


Assemblies include all parts shown in frames.

Governor Assembly
Briggs and Stratton 122602-0120-E1

Ref	Part No.	Qty.	Description
❸❹51 ❺❻	692668	1	Gasket-Intake
❸❹51A ❺❻	692799	1	Spacer-Carburetor
❼188	693168	1	Screw (Control Bracket)
❼202	691303	1	Link-Governor
❼209	691292	1	Spring-Governor
❼222	692723	1	Bracket-Control
❼227	690783	1	Control Lever-Governor
❼333	802574	1	Armature-Magneto
❼334	691061	1	Screw (Magneto Armature)
❼356	692390	1	Wire-Stop
❼404	690272	1	Washer(Governorcrank)
❼505	231082	1	Nut
❼562	92613	1	Bolt-Lever
❼615	690340	1	Shaftretainer-Governor
❼616	691308	1	Crank-Governor
❼621	692310	1	Switch-Stop
❼745	691648	1	Screw (Brake)
❼851	493880	1	Terminal-Spark Plug
❼922	691831	1	Spring-Brake
❼923	691994	1	Brake

PROTOTYPE

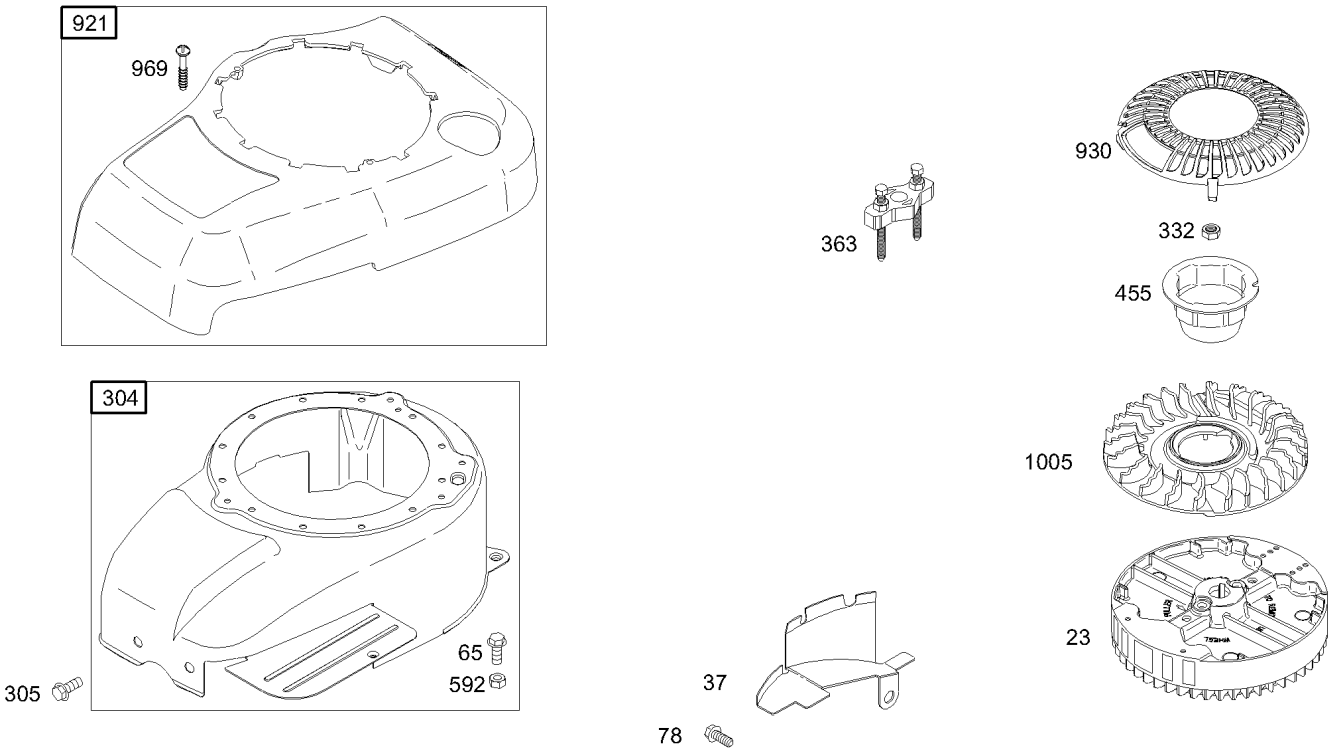


Assemblies include all parts shown in frames.

Muffler and Fuel Tank Assembly
Briggs and Stratton 122602-0120-E1

Ref	Part No.	Qty.	Description
❼187	691050	1	Line–fuel (Cut To Required Length)
❼190	690940	1	Screw (Fuel Tank)
❼300	694248	1	Muffler
❼601	95162	1	Clamp–hose
❼613	691108	1	Screw (Rocker Cover)
❼613A	691140	1	Screw (Muffler)
❼670	692294	1	Spacer-Fuel Tank
❼832	691466	1	Guard-Muffler
❼836	690960	1	Screw (Rocker Cover)
❼836A	691147	1	Screw (Controlbracket)
❸❹883 ❼	691893	1	Gasket-Exhaust
❼957	692046	1	Cap-Fuel Tank
❼972	499618	1	Fuel Tank
❼1059	692311	1	Screw/washer Kit

PROTOTYPE



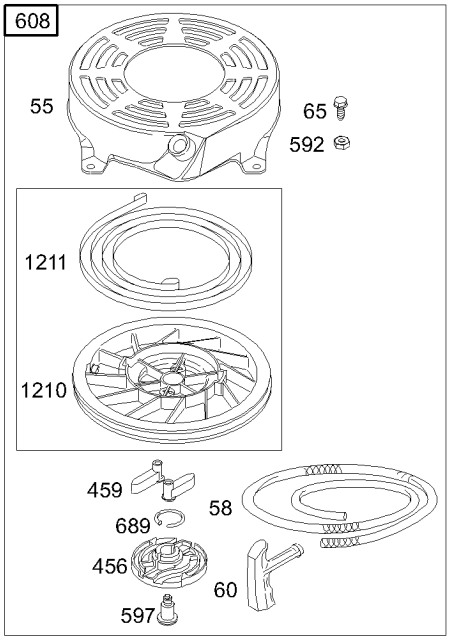
1036 Emission Label

Assemblies include all parts shown in frames.

Blower Housing Assembly
Briggs and Stratton 122602-0120-E1

Ref	Part No.	Qty.	Description
❼23	696569	1	Flywheel
❼37	694086	1	Guard-Flywheel
❼65	690837	1	Screw (Rewind Starter)
❼78	691108	1	Screw (Rocker Cover)
❼304	499677	1	Housing-Blower
❼305	690960	1	Screw (Rocker Cover)
❼332	690662	1	Nut(Flywheel)
❼363	19069	1	Puller-Flywheel
❼455	695161	1	Cup-Flywheel
❼592	690800	1	Nut(Rewind Starter)
❼921	692699	1	Cover-Blower Housing
❼930	692691	1	Guard-Rewind
❼969	691138	1	Screw (Blowerhousing)
❼1005	691346	1	Fan-Flywheel
❼1036	696767	1	Label-Emission

PROTOTYPE

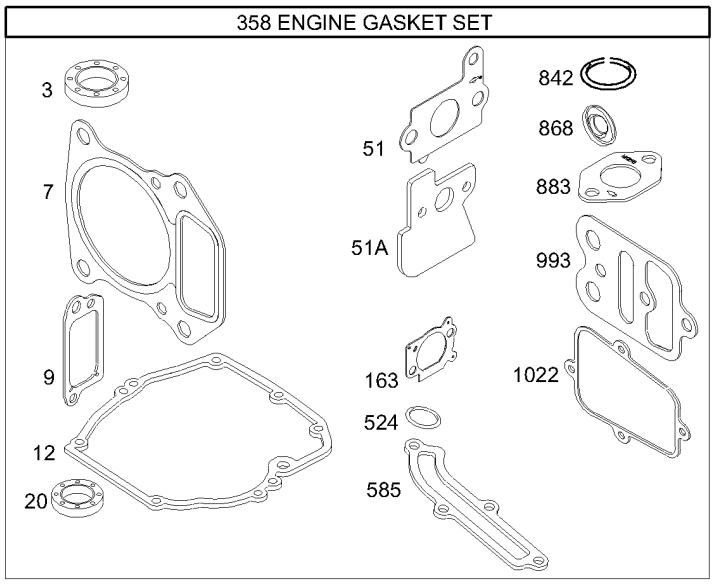


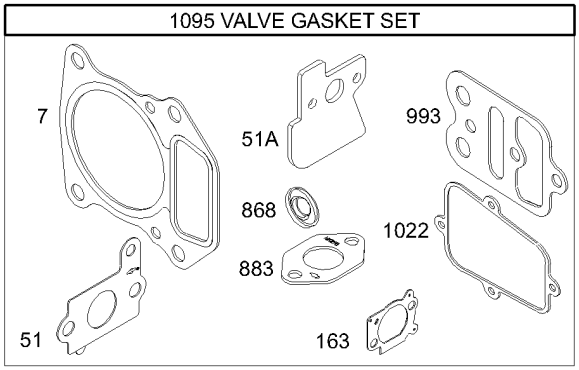
Assemblies include all parts shown in frames.

Starter Assembly
Briggs and Stratton 122602-0120-E1

Ref	Part No.	Qty.	Description
❼55	691421	1	Housing-Rewind Starter
❼58	280399	1	Rope
❼60	281434	1	Grip-Starter Rope
❼65	690837	1	Screw (Rewind Starter)
❼456	692299	1	Plate-Pawl Friction
❼459	281505	1	Pawl-Rachet
❼592	690800	1	Nut(Rewind Starter)
❼597	691696	1	Screw-Shoulder
❼608	497680	1	Starter-Rewind
❼689	691855	1	Spring-Friction
❼1210	498144	1	Pulley-Starter
❼1211	498144	1	Pulley-Starter

PROTOTYPE



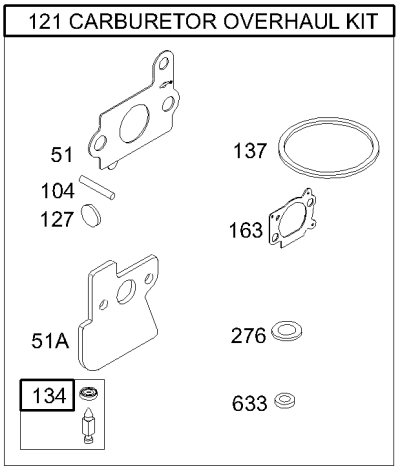


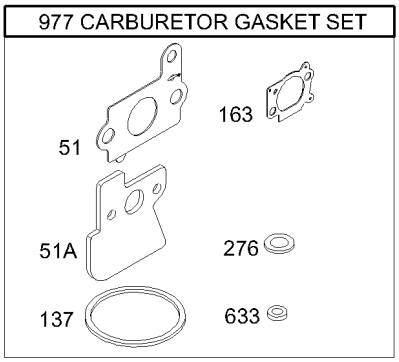
Assemblies include all parts shown in frames.

Gasket Assembly
Briggs and Stratton 122602-0120-E1

Ref	Part No.	Qty.	Description
❸❼3	299819	1	Seal-Oil
❸❹7 ❼	695166	1	Gasket-Cylinder Head
❸❼9	272481	1	Gasket-Breather
❸❼12	692232	1	Gasket-Crankcase
❸❼20	399781	1	Seal-Oil
❸❹51 ❺❻	692668	1	Gasket-Intake
❸❹51A ❺❻	692799	1	Spacer-Carburetor
❸❹163 ❺❻	691894	1	Gasket-Air Cleaner
❼358	694090	1	Gasket Set-Engine
❸❼524	692296	1	Seal-Dipstick Tube
❸❼585	691879	1	Gasket-Breather Passage
❸❼842	691031	1	Seal–o Ring (Dipstick Tube)
❸❹868 ❼	692044	1	Valve Seal Kit
❸❹883 ❼	691893	1	Gasket-Exhaust
❸❹993 ❼	694088	1	Gasket-Cylinder Head Plate
❸❹1022 ❼	691890	1	Gasket-Rocker Cover
❼1095	694091	1	Gasket Set-Valve

PROTOTYPE





Assemblies include all parts shown in frames.

Carburetor Overhaul Kit Assembly
Briggs and Stratton 122602-0120-E1

Ref	Part No.	Qty.	Description
❸❹51 ❺❻	692668	1	Gasket-Intake
❸❹51A ❺❻	692799	1	Spacer-Carburetor
❺❼104	691242	1	Pin-Float Hinge
❼121	692703	1	Carburetor Kit
❺❼127	694468	1	Welch Plug
❺❼134	398188	1	Valve-Inlet
❺❻137 ❼	693981	1	Gasket-Bowl
❸❹163 ❺❻	691894	1	Gasket-Air Cleaner
❺❻276 ❼	271716	1	Washer-Sealing
❺❻633 ❼	691321	1	Seal-Dust
❼977	692704	1	Gasket Set-Carburetor

PROTOTYPE

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PROTOTYPE

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PROTOTYPE



PROTOTYPE