Form Number 3350-990

48cm Recycler®/Rear Bagging Lawnmower

Model No. 20817 - 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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Contents

Description	Page
Deck Assembly	3
Engine and Blade Assembly	4
Height of Cut and Wheel Assembly	5
Handle Assembly	6
Grass Bag Assembly	7
Transmission Assembly	8
Gear Case Assembly No. 104-7593	9
Cylinder Assembly Briggs and Stratton 12H802-1720-B1	10
Crankshaft Assembly Briggs and Stratton 12H802-1720-B1	11
Crankcase Assembly Briggs and Stratton 12H802-1720-B1	12
Carburetor Assembly Briggs and Stratton 12H802-1720-B1	13
Air Cleaner Assembly Briggs and Stratton 12H802-1720-B1	14
Governor Assembly Briggs and Stratton 12H802-1720-B1	15
Muffler and Fuel Tank Assembly Briggs and Stratton 12H802-1720-B1	16
Blower Housing Assembly Briggs and Stratton 12H802-1720-B1	17
Starter Assembly Briggs and Stratton 12H802-1720-B1	18
Gasket Assembly Briggs and Stratton 12H802-1720-B1	19
Carburetor Overhaul Kit Assembly Briggs and Stratton 12H802-1720-B1	20

Part Description Abbreviations

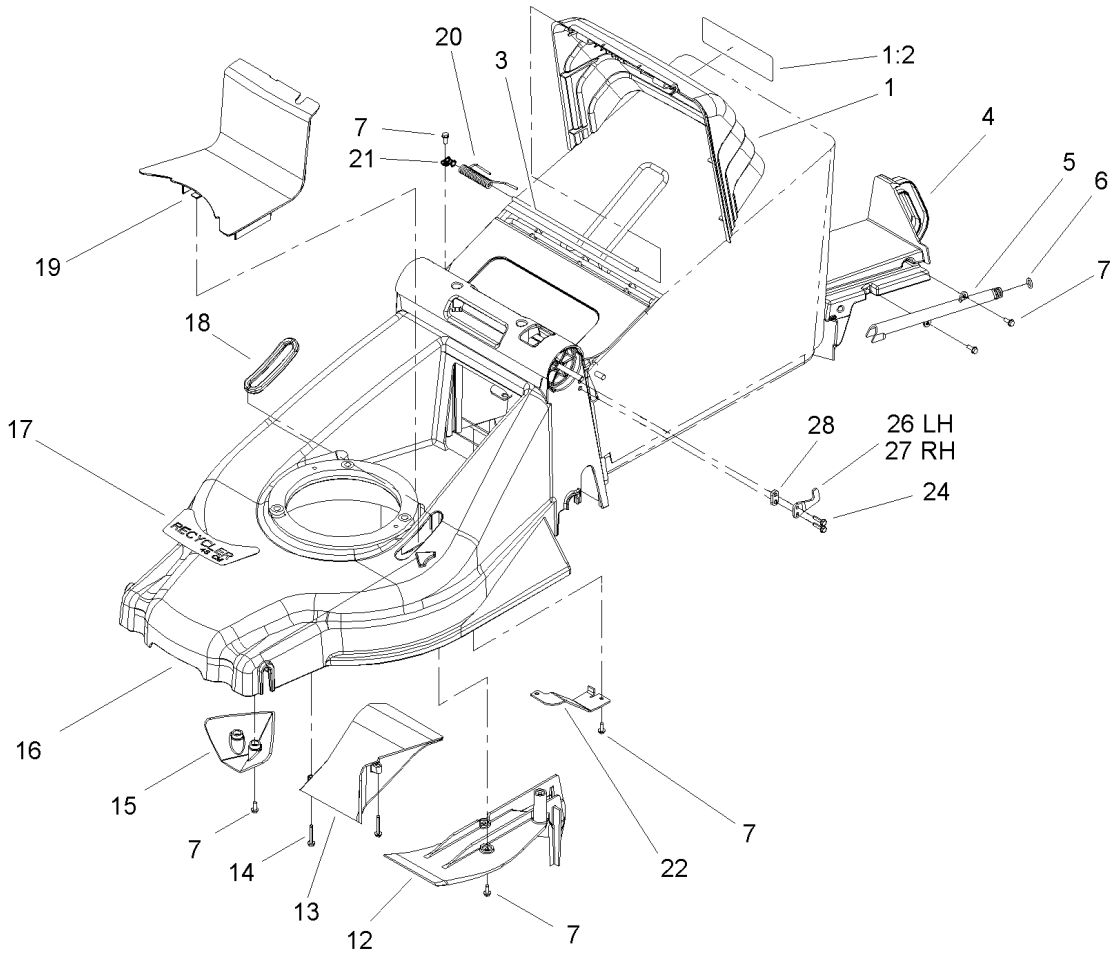
Part descriptions in this catalog may include the following abbreviations.

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

Footnotes

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

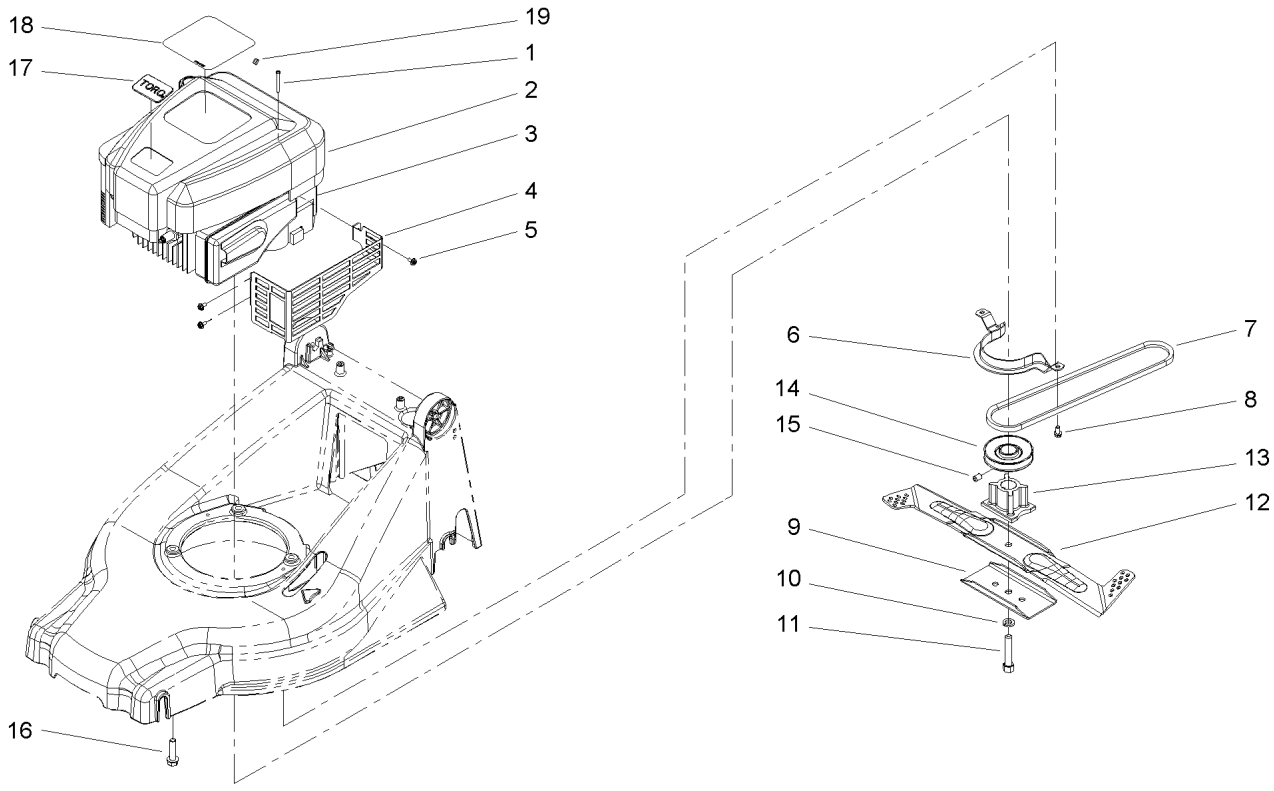
PROTOTYPE



Deck Assembly

Ref	Part No.	Qty.	Description
1	100-9115	1	Door ASM
1:2	93-4105	1	Decal-Danger
3	100-1509	1	Rod-Pivot
4	100-1505	1	Plug-Kicker, Recycler
5	100-1522	1	Fitting-Washout
6	46-6290	1	O-Ring
7	32144-1	11	Screw-Taptite
12	99-6486	1	Cover-Kicker, Rear
13	100-1506	1	Ramp-Discharge
14	100-4352	2	Screw-HWH
15	99-6485	1	Kicker-Front
16	104-7579	1	Deck
17	107-2242	1	Decal-Recycler
18	100-3932	1	Boot-HOC
19	99-6479	1	Cover-Belt
20	104-7594	1	Spring-Torsion
21	98-2256	2	Clamp
22	100-9123-03	1	Bracket-Deck
24	100-4351	4	Screw-HWH
26	104-7557	1	Hook-Left
27	104-7558	1	Hook-Right
28	104-7556	2	Spacer

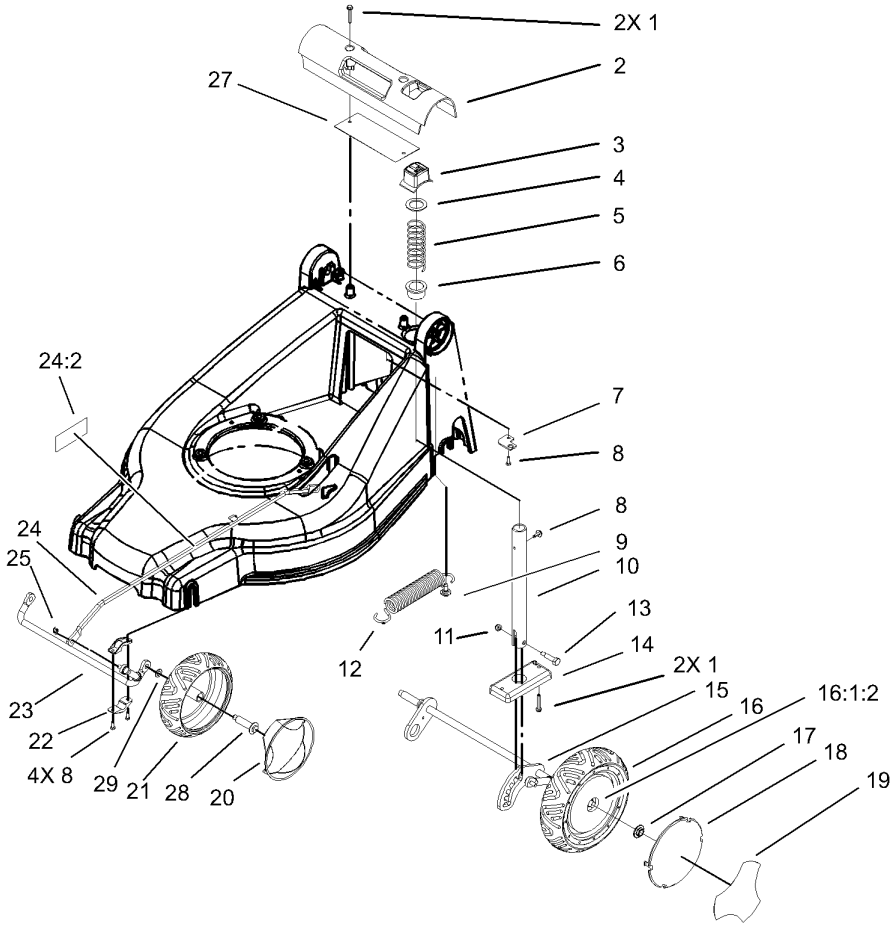
PROTOTYPE



Engine and Blade Assembly

Ref	Part No.	Qty.	Description
1	32144-121	2	Screw-PPH
2	93-0243	1	Shroud-Wedge, Quantum
❶3		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	105-0525-03	1	Blade-48 Cm, 3 In 1
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	107-2244	1	Decal-Engine
19	2210-316	1	Stop-Rope

PROTOTYPE

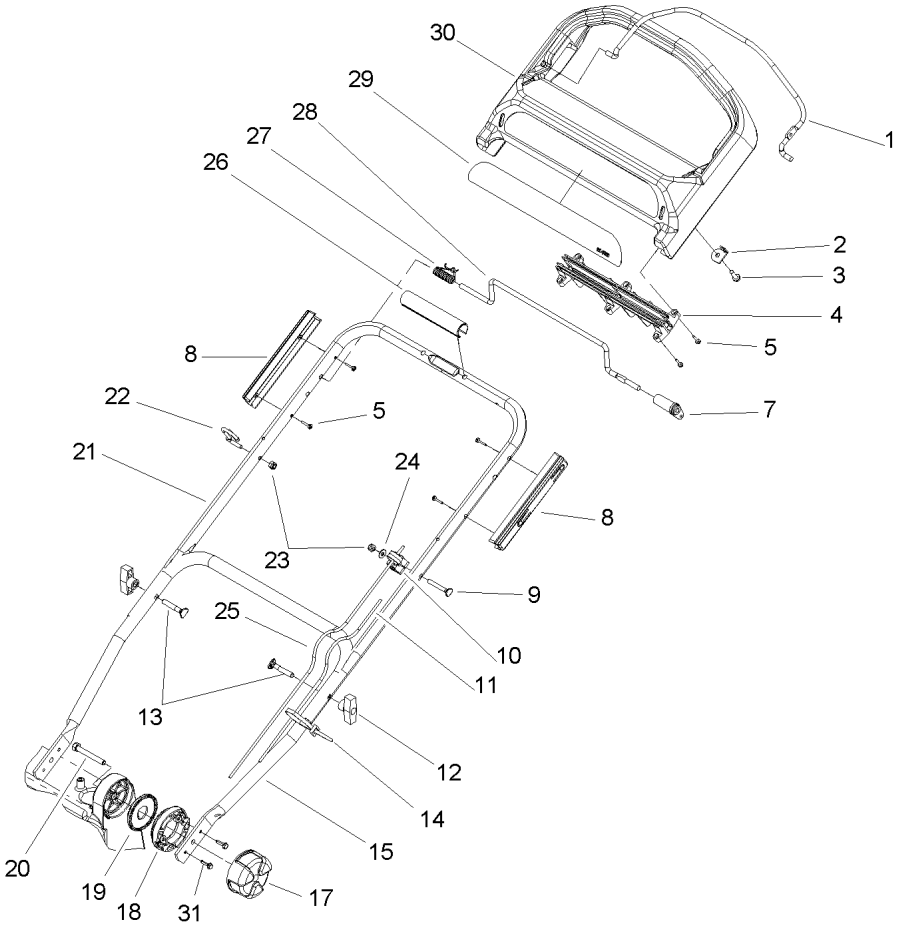


Height of Cut and Wheel Assembly

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 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
23	104-7562	1	Front Axle ASM

Ref	Part No.	Qty.	Description
24	100-9116	1	Rod ASM
24:2	100-4355	1	Decal-HOC
25	100-3939	2	Palnut
27	100-4383-03	1	Cover-Handle
28	614650	2	Bolt-Shoulder
29	40-1940	2	Washer

PROTOTYPE

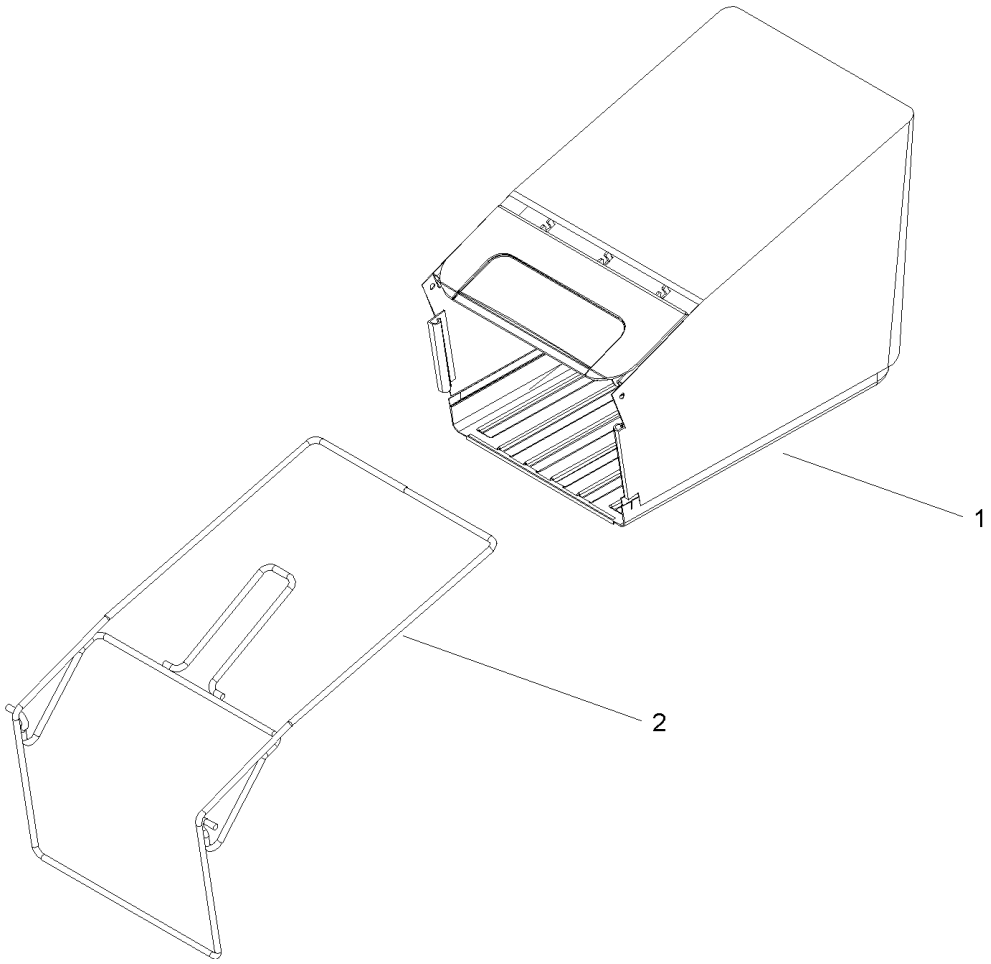


Handle Assembly

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, 7/8"
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

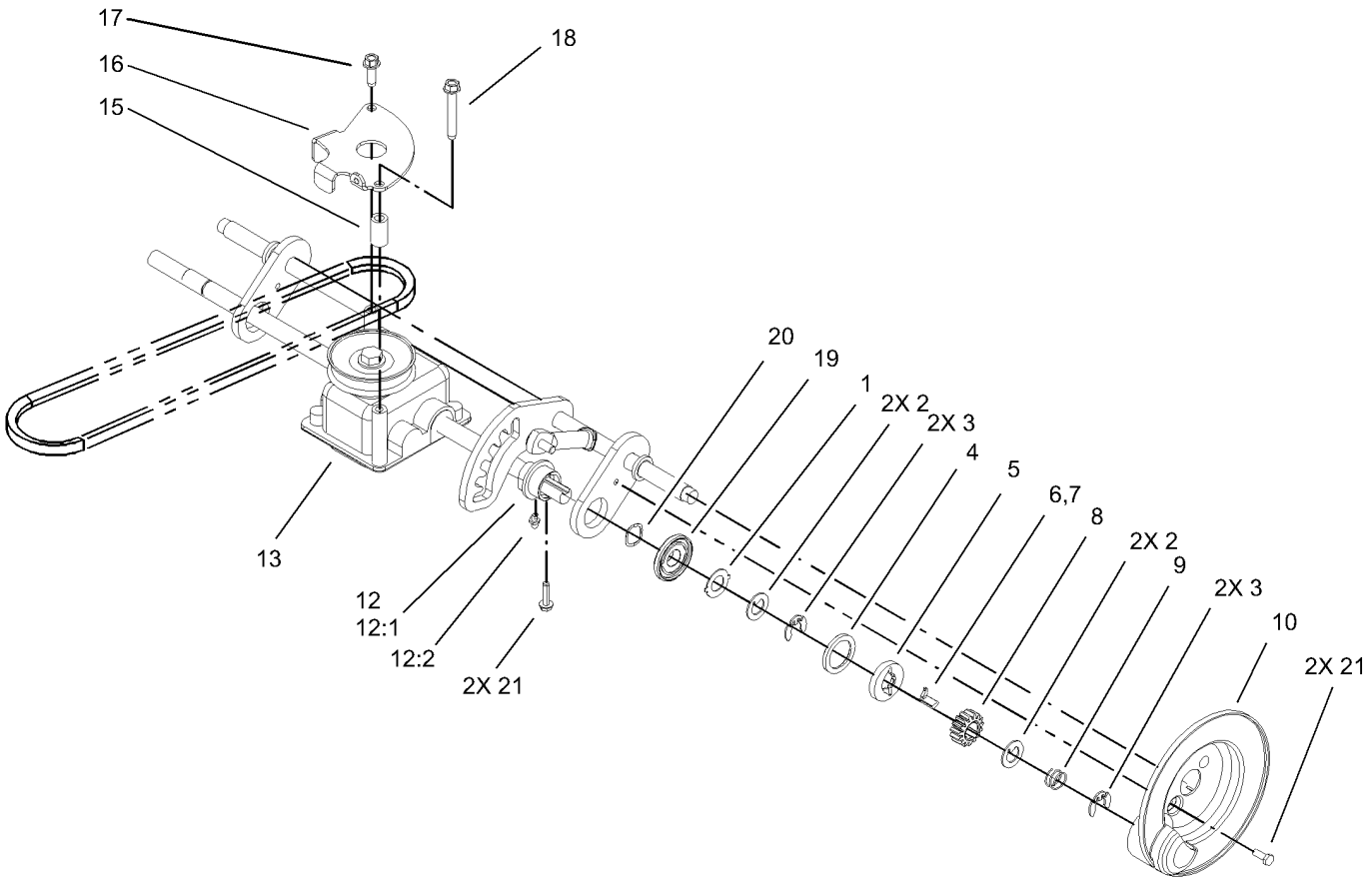
PROTOTYPE



Grass Bag Assembly

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

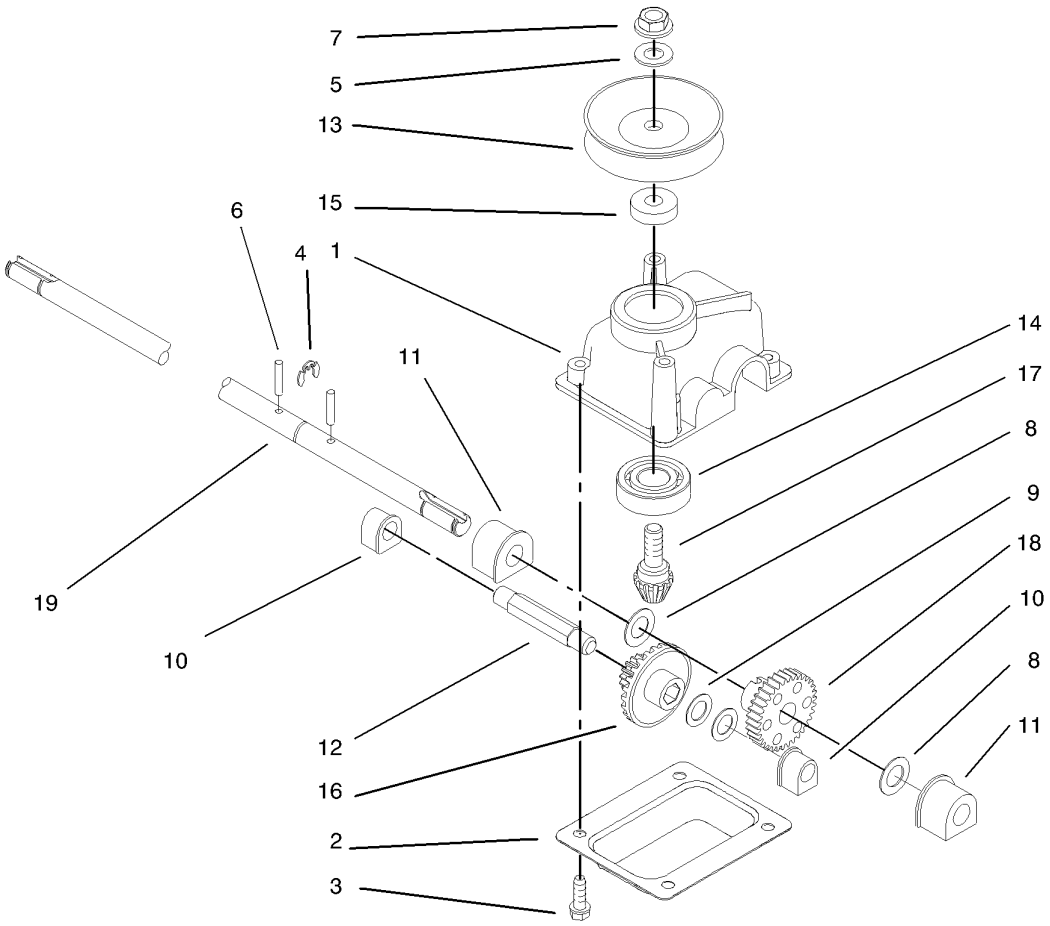
PROTOTYPE



Transmission 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
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, Thd Form
19	100-1511	2	Retainer-Ring
20	100-1515	2	Washer-Wave
21	32144-1	4	Screw-Taptite

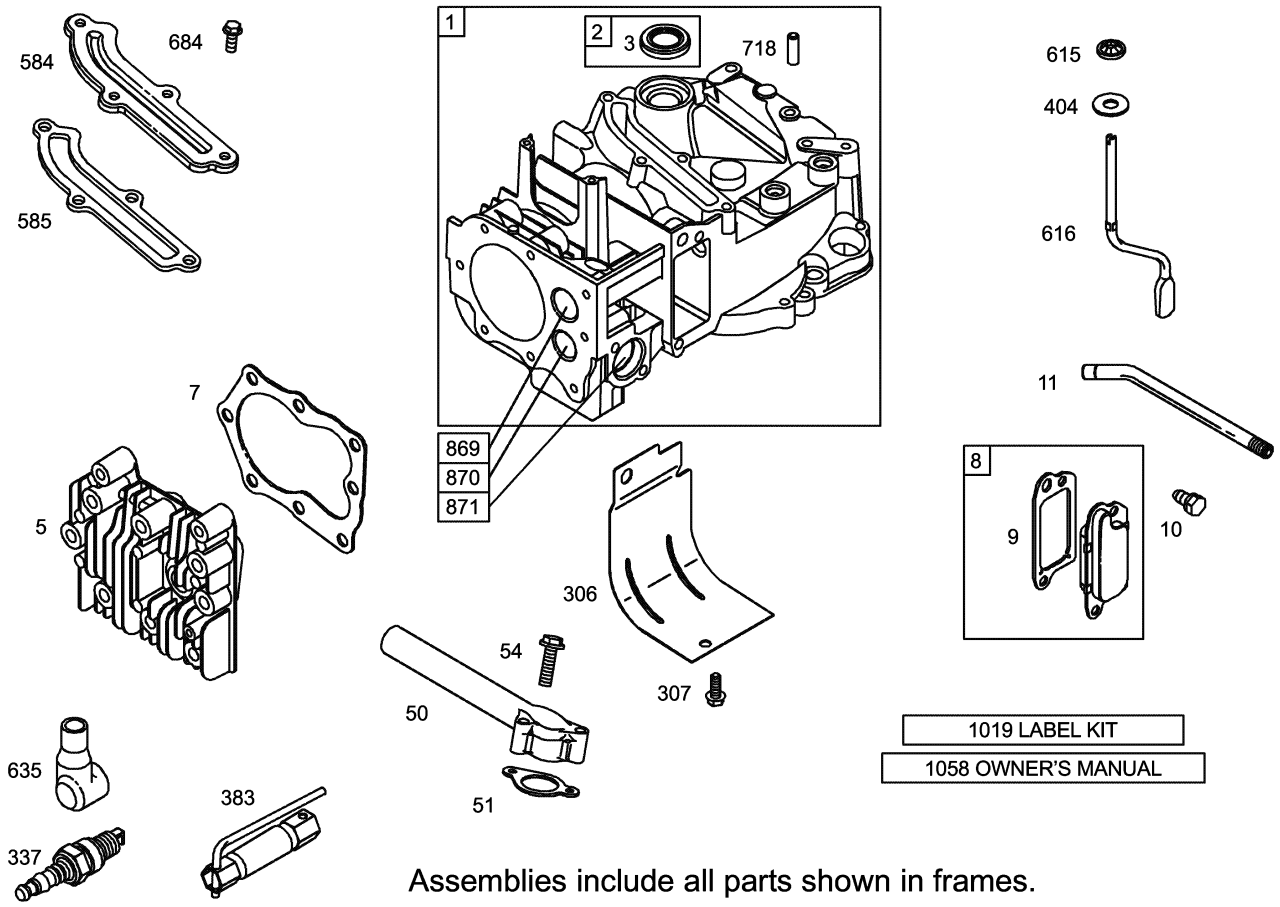
PROTOTYPE



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



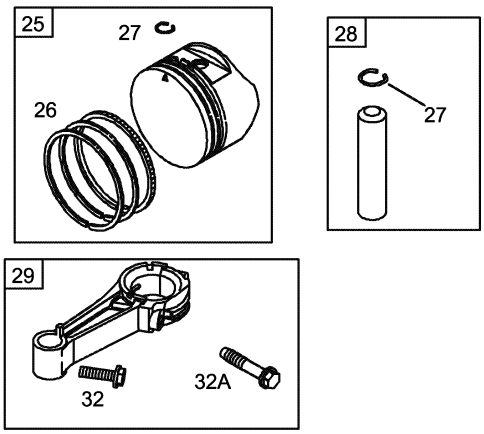
Assemblies include all parts shown in frames.

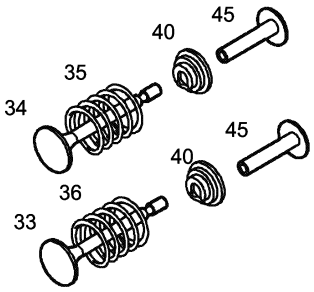
Cylinder Assembly
Briggs and Stratton 12H802-1720-B1

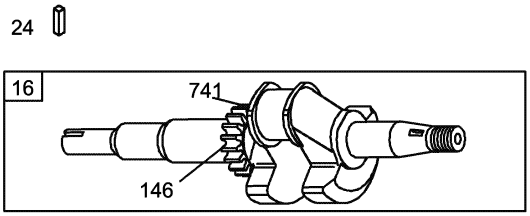
Ref	Part No.	Qty.	Description
❺1	493260	1	Cylinder
❺2	293708	1	Bushing
❷❺3	299819	1	Seal-Oil
❺5	691160	1	Head-Cylinder
❷❺7	692249	1	Gasket-Cylinder Head
❺8	695250	1	Breather Assembly
❺9	696125	1	Gasket-Breather
❺10	691125	1	Screw (Breather Assembly)
❺11	691781	1	Tube-Breather
❺50	497465	1	Manifold-Intake
❷❺51	272199	1	Gasket-Intake
❺54	691650	1	Screw (Intake Manifold)
❺306	690450	1	Shield-Cylinder
❺307	690345	1	Shield-Cylinder
❺337	802592	1	Sparkplug
❺383	89838	1	Wrench–spark Plug
❺404	690272	1	Washer(Governorcrank)
❺615	690340	1	Shaftretainer-Governor
❺616	691308	1	Crank-Governor
❺584	692342	1	Breather Passage
❷❺585	691879	1	Gasket-Breather Passage
❺635	66538	1	Spacer
❺684	690345	1	Shield-Cylinder
❺718	690959	1	Pin-Locating

Ref	Part No.	Qty.	Description
❺869	691155	1	Seat-Valve (Intake)
❺870	690380	1	Seat-Valve (Exhaust)
❺871	262001	1	Bushing-Guide
❺	63709	1	Guide Intake Valve
❺1019	494256	1	Label Kit
❺1058	274978	1	Owner-S Manual
❺	696276	1	Short Block

PROTOTYPE





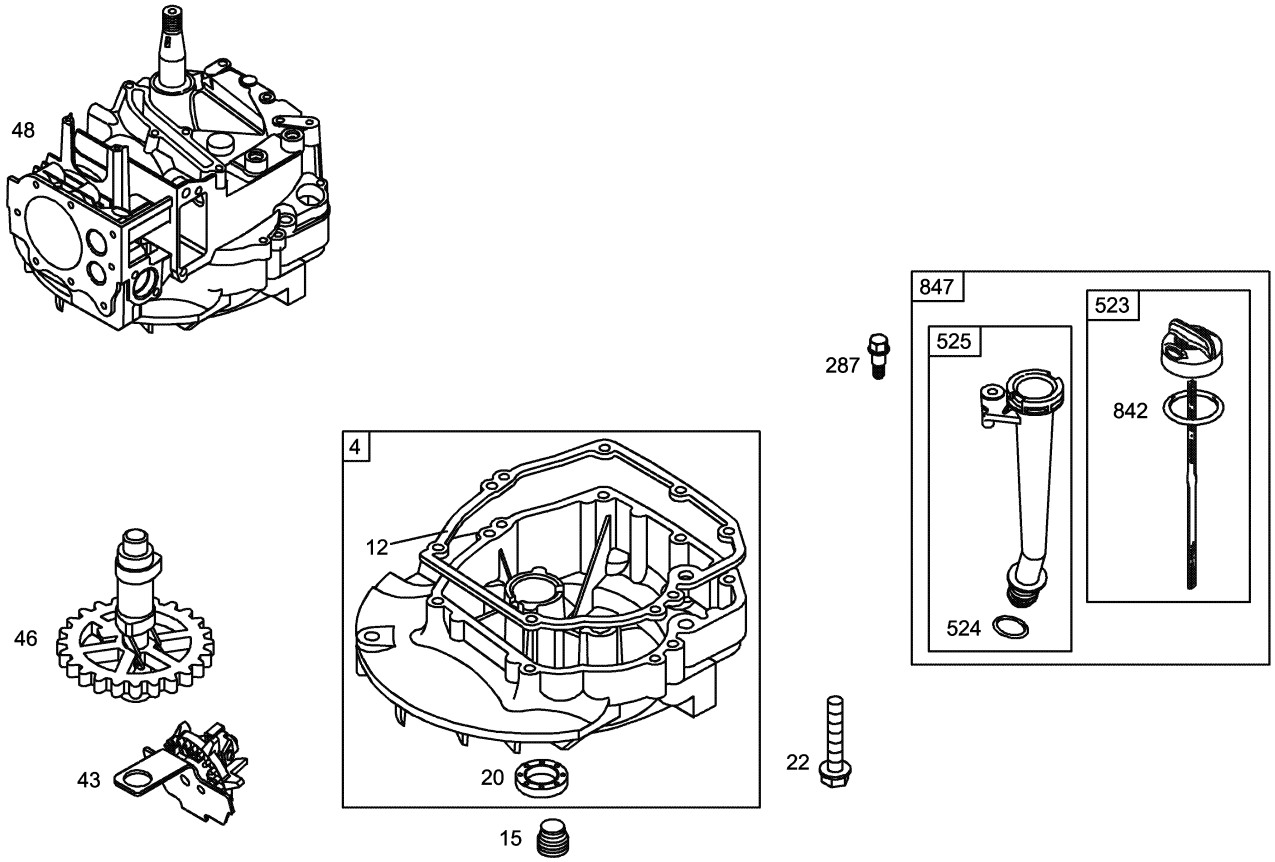


Assemblies include all parts shown in frames.

Crankshaft Assembly
Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
S16	696009	1	Crankshaft
S24	222698	1	Key–flywheel
S25	499429	1	Piston Asm. (Standard)
S	499430	1	Piston Assembly
S	499431	1	Piston Asm. (.020" O.s.)
S	499432	1	Piston Asm. (.030" O.s.)
S26	499425	1	Ring Set (Standard)
S	499426	1	Ring Set (.010" O.s.)
S	499427	1	Ring Set (.020" O.s.)
S	499428	1	Ring Set (.030" O.s.)
S27	691866	1	Lock-Piston Pin
S28	499423	1	Pin-Piston
S	298908	1	Piston Pin (.005"
S29	499424	1	Connecting Rod
S32	691664	1	Screw(Connecting Rod)
S32A	695759	1	Screw(Connecting Rod)
S33	262651	1	Valve-Exhaust
S34	262652	1	Valve-Intake
S35	691270	1	Spring-Valve (Intake)
S36	691270	1	Spring-Valve (Intake)
S40	692194	1	Retainer-Valve
S45	691811	1	Valve Keeper
S146	690979	1	Key-Timing
S741	691830	1	Gear-Timing

PROTOTYPE

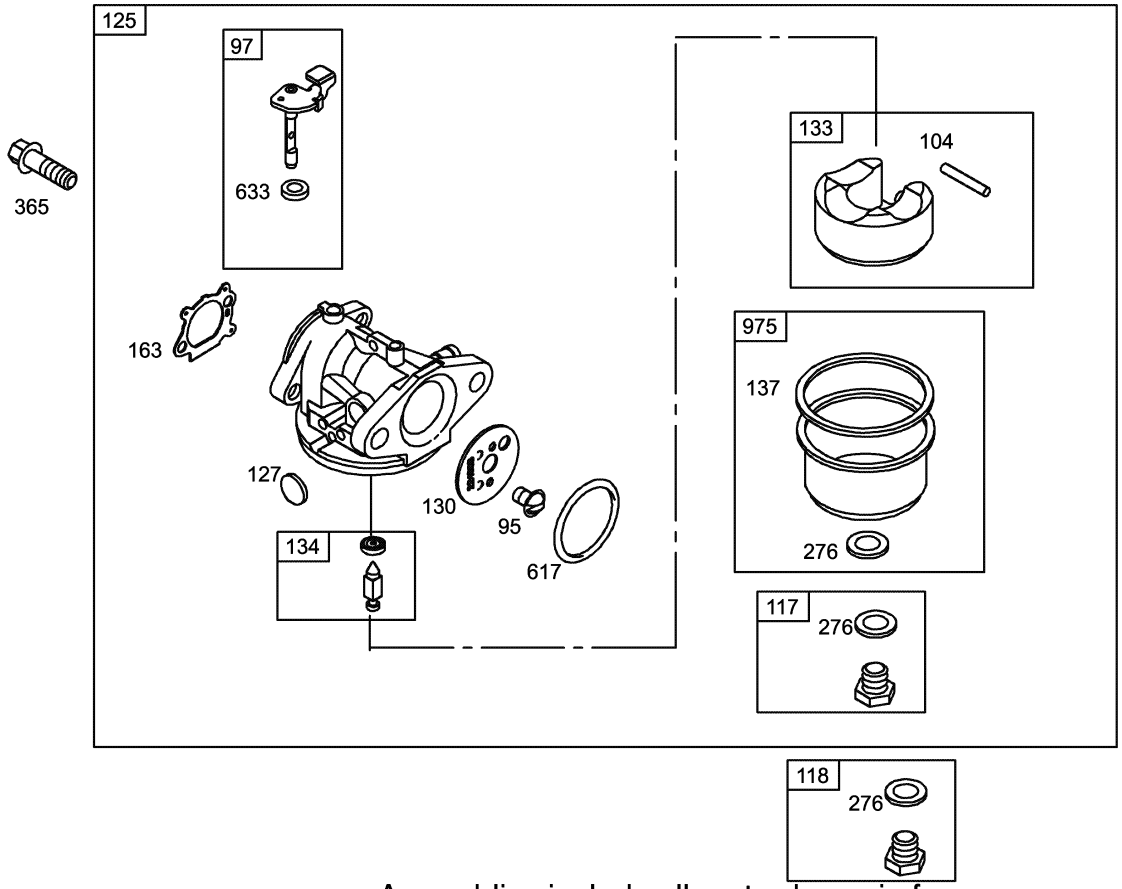


Assemblies include all parts shown in frames.

Crankcase Assembly
Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
❺4	493279	1	Sump-Engine
❷❺12	692232	1	Gasket-Crankcase
❺15	691680	1	Plug-Oil Drain
❷❺20	399781	1	Seal-Oil
❺22	691092	1	Screw(Engine Sump)
❺43	691997	1	Governor/oil Slinger
❺46	691449	1	Camshaft
❺48	696276	1	Short Block
❺287	690940	1	Screw (Fuel Tank)
❺523	499621	1	Tube-Dipstick
❷❺524	692296	1	Seal-Dipstick Tube
❺525	495265	1	Tube-Oil
❷❺842	691031	1	Seal–o Ring (Dipstick Tube)
❺847	692047	1	Assembly-Dipstick/tube

PROTOTYPE

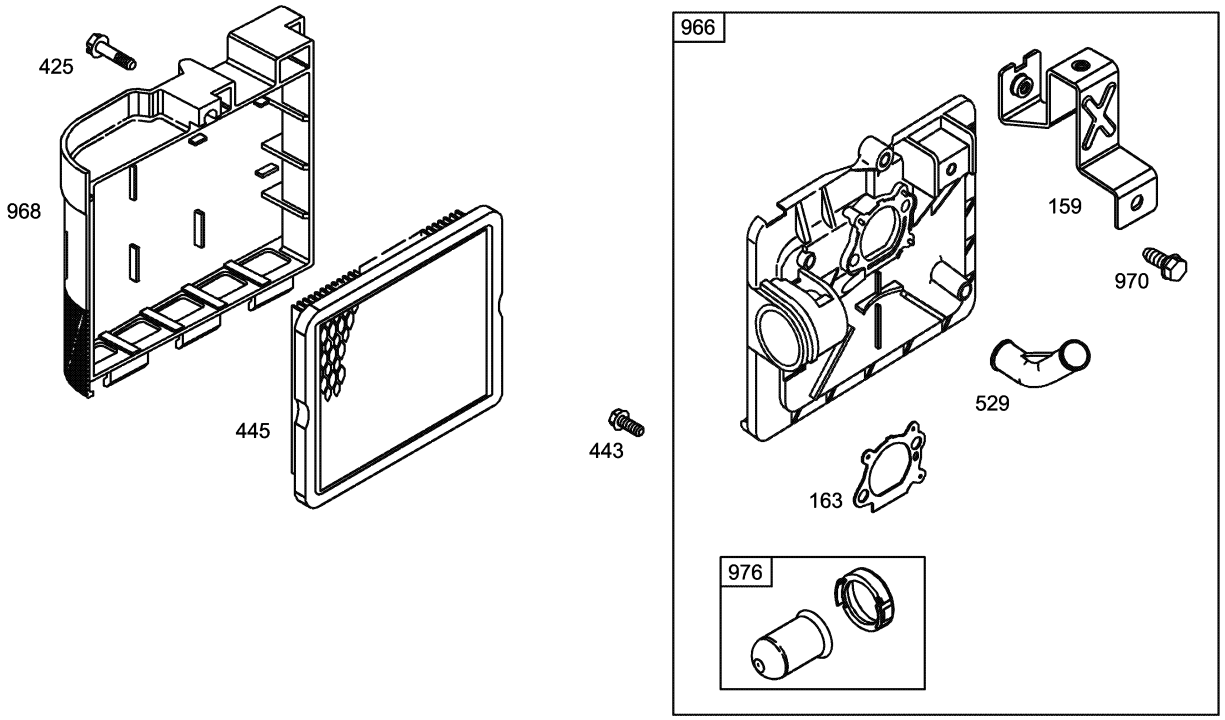


Assemblies include all parts shown in frames.

Carburetor Assembly
Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
❺95	691636	1	Screw (Throttle Valve)
❺97	696565	1	Shaft-Throttle
❸❺104	691242	1	Pin-Float Hinge
❺117	498978	1	Main Jet (Standard)
❺118	497466	1	Screw-Bowl Mtg. (Std.) Note: 496495 Screw Bowl Mtg. (High Altitude)
❺125	498170	1	Carburetor
❸❺127	694468	1	Welch Plug
❺130	696564	1	Valve-Throttle
❺133	398187	1	Float-Carburetor
❸❺134	398188	1	Valve-Inlet
❸❹137 ❺	693981	1	Gasket-Bowl
❷❸163 ❹❺	272653	1	Gasket-Aircleaner
❸❺276	271716	1	Washer-Sealing
❺365	692524	1	Screw (Carburetor)
❸❹617 ❺	270344	1	Tube-Intake
❸❹633 ❺	691321	1	Seal-Dust
❺975	493640	1	Bowl Asm.

PROTOTYPE

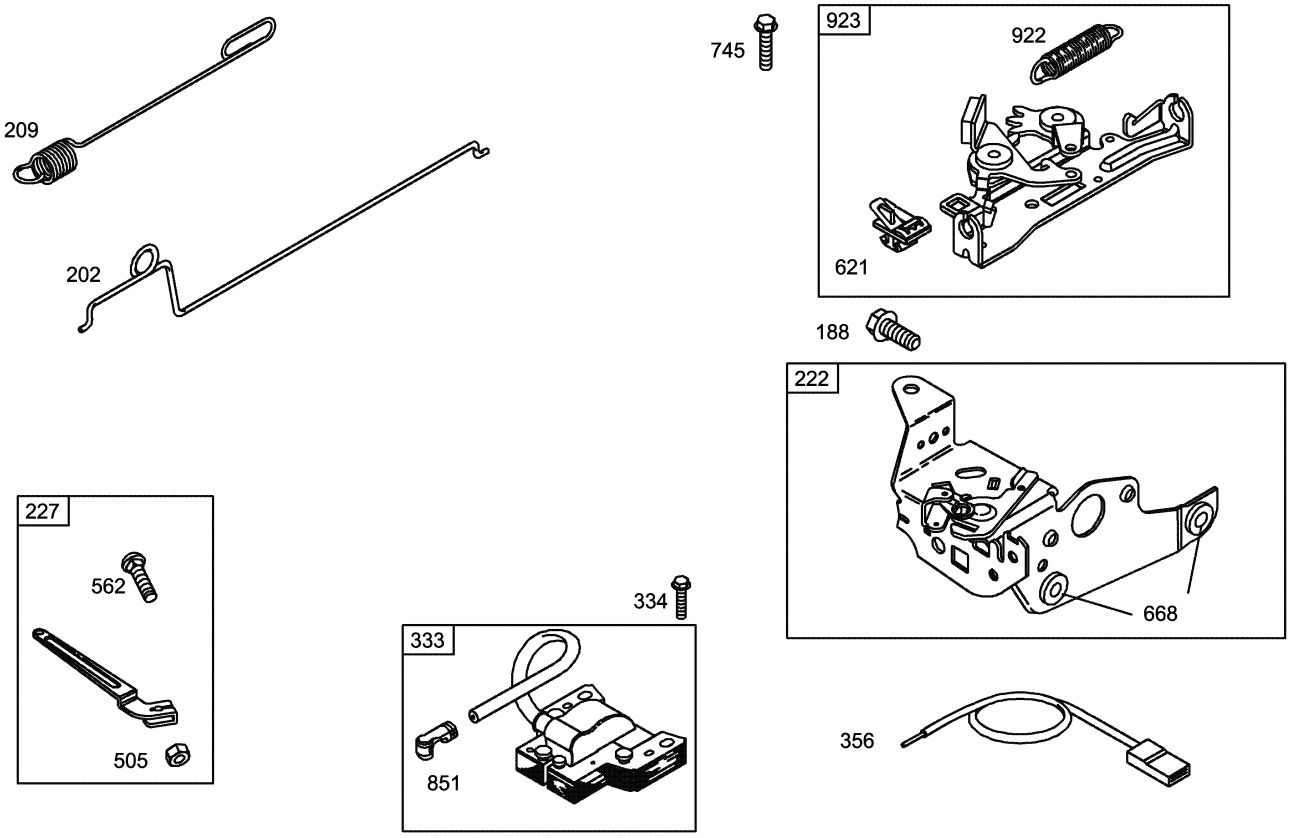


Assemblies include all parts shown in frames.

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

Ref	Part No.	Qty.	Description
❺159	691753	1	Air Cleaner Primerbracket
❷❺163	272653	1	Gasket-Aircleaner
❺425	690670	1	Screw (Air Cleaner Cover)
❺443	692523	1	Screw (Air Cleaner Base)
❺445	491588	1	Fiiter-Air
❺529	691923	1	Grommet
❺966	496116	1	A/c Primer Base
❺968	692298	1	Air Cleaner Cover
❺970	691669	1	Screw (Air Cleanerprimer Bracket)
❺976	694395	1	Carburetor Primer

PROTOTYPE

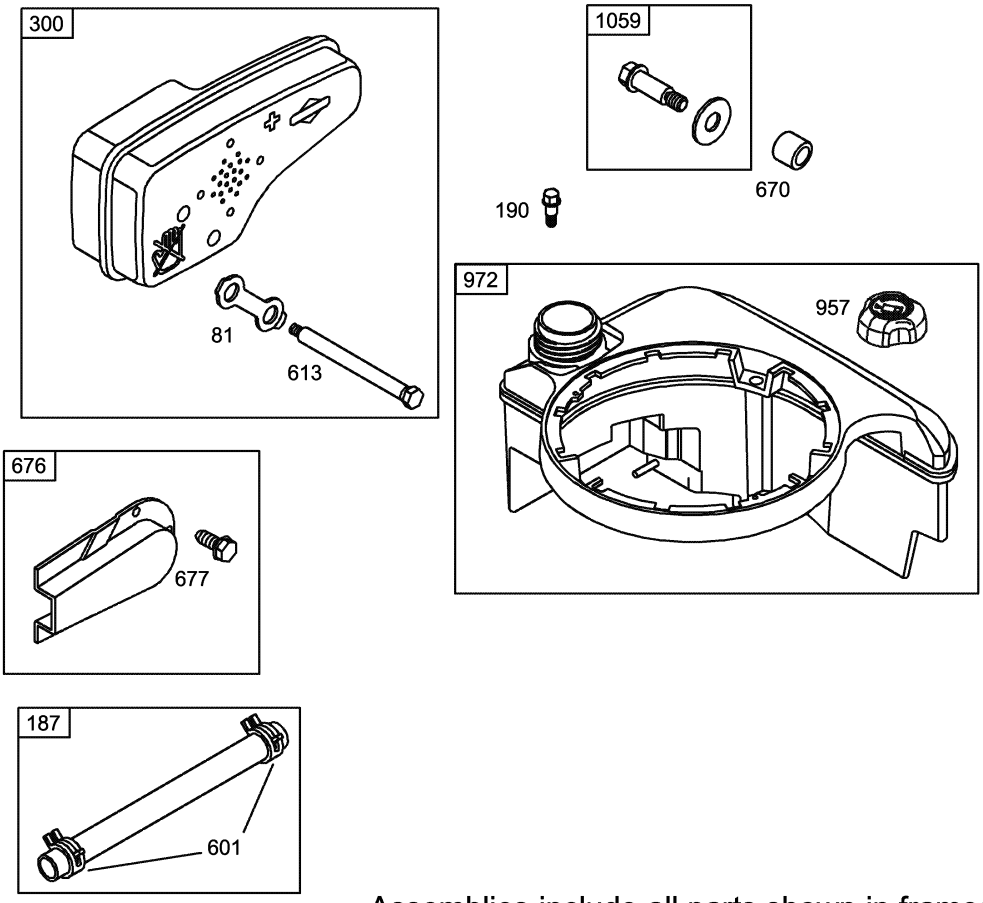


Assemblies include all parts shown in frames.

Governor Assembly
Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
❺188	690877	1	Nut (Flywheel)
❺202	691829	1	Mechanical Governorlink
❺209	691852	1	Spring-Governor
❺222	692467	1	Bracket-Control
❺227	690783	1	Control Lever-Governor
❺333	802574	1	Armature-Magneto
❺334	691061	1	Screw (Magneto Armature)
❺356	692390	1	Wire-Stop
❺505	231082	1	Nut
❺562	92613	1	Bolt-Lever
❺621	692310	1	Switch-Stop
❺668	493823	1	Bracket Spacer
❺745	691648	1	Screw (Brake)
❺851	493880	1	Terminal-Spark Plug
❺922	691831	1	Spring-Brake
❺923	691994	1	Brake

PROTOTYPE

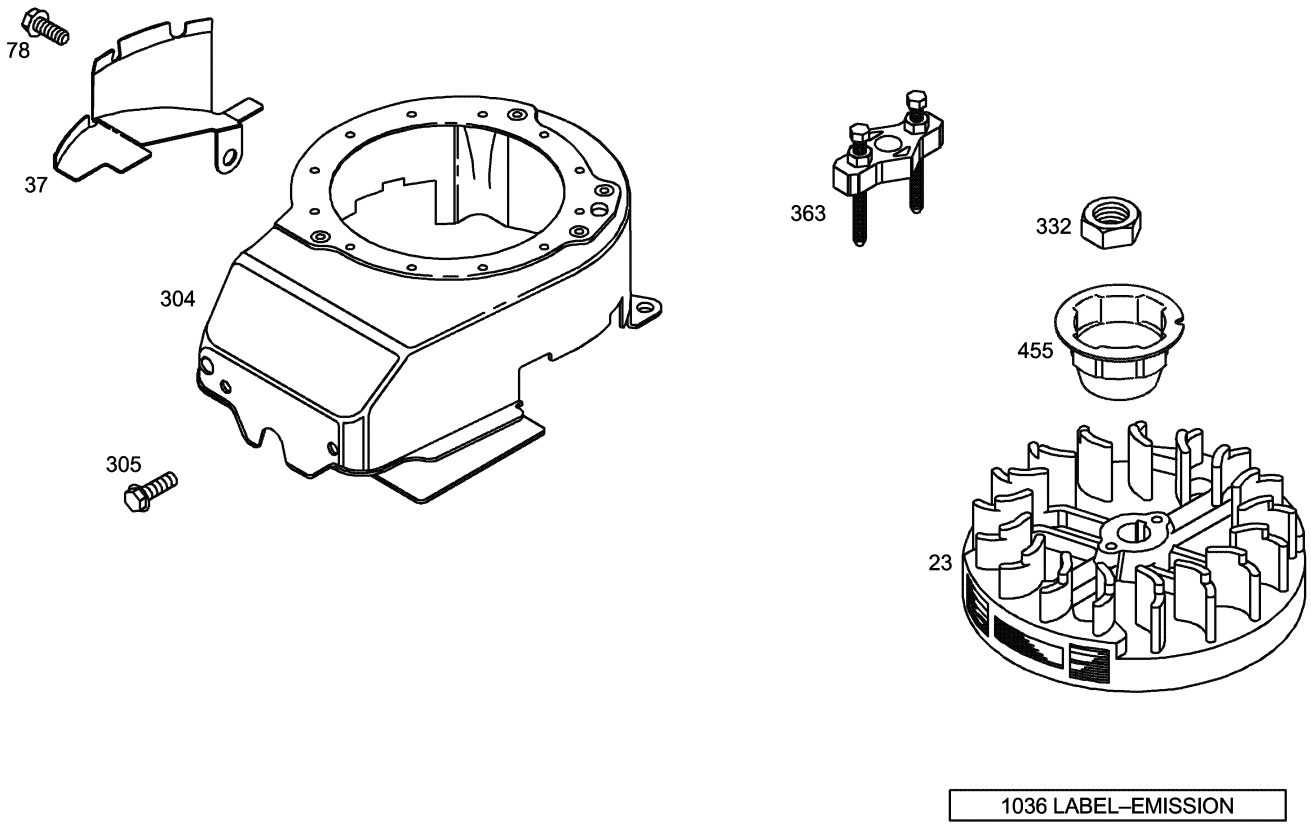


Assemblies include all parts shown in frames.

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

Ref	Part No.	Qty.	Description
❺81	691740	1	Lock-Muffler Screw
❺187	691050	1	Line–fuel (Cut To Required Length)
❺190	690940	1	Screw (Fuel Tank)
❺300	692038	1	Muffler
❺601	95162	1	Clamp–hose
❺613	691340	1	Screw (Muffler)
❺670	692294	1	Spacer-Fuel Tank
❺676	493871	1	Deflector-Muffler
❺677	690661	1	Screw (Flywheel Guard)
❺957	692046	1	Cap-Fuel Tank
❺972	499618	1	Fuel Tank
❺1059	692311	1	Screw/washer Kit

PROTOTYPE

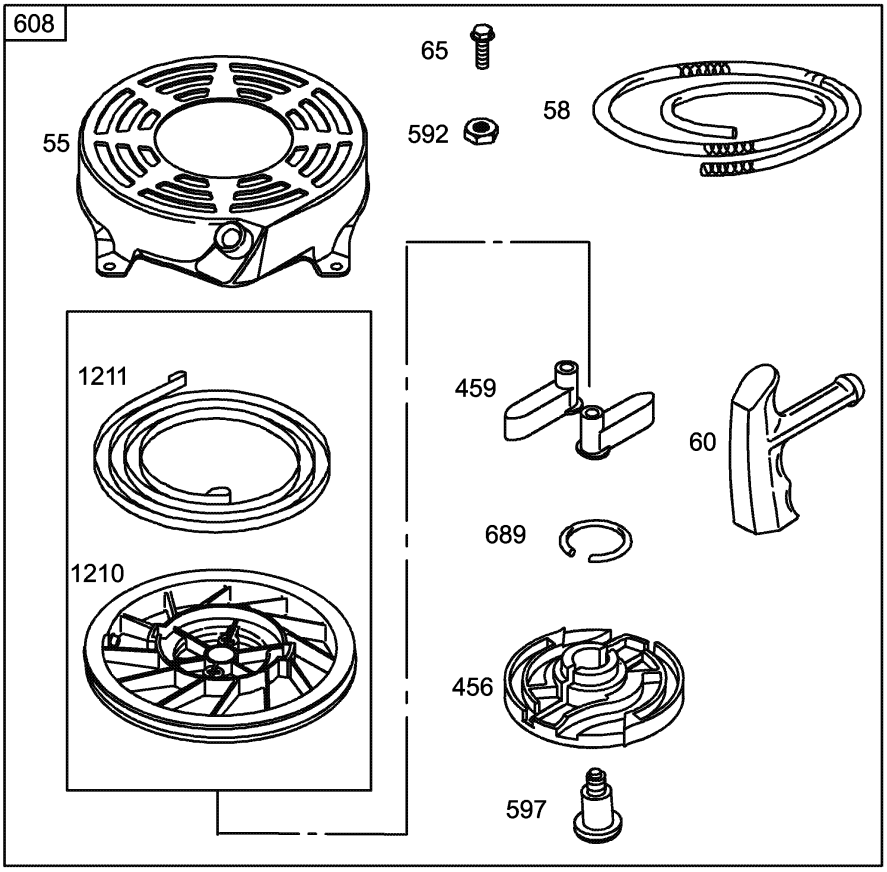


Assemblies include all parts shown in frames.

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

Ref	Part No.	Qty.	Description
❺23	692315	1	Flywheel
❺37	694086	1	Guard-Flywheel
❺78	691108	1	Screw (Rocker Cover)
❺304	493293	1	Housing-Blower
❺305	691108	1	Screw (Rocker Cover)
❺332	690877	1	Nut (Flywheel)
❺363	19069	1	Puller-Flywheel
❺455	695161	1	Cup-Flywheel
❺1036	695111	1	Label-Emissions

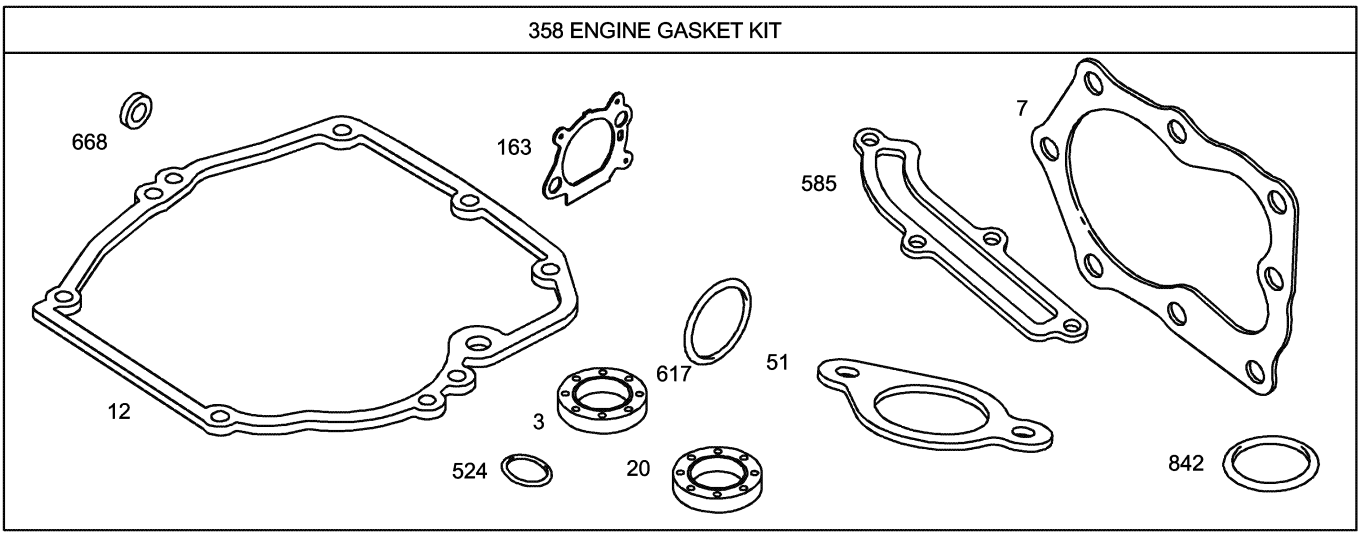
PROTOTYPE



Starter Assembly
Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
❺55	691421	1	Housing-Rewind Starter
❺58	280399	1	Rope
❺60	281434	1	Grip-Starter Rope
❺65	690837	1	Screw (Rewindstarter)
❺456	692299	1	Plate-Pawl Friction
❺459	281505	1	Pawl-Rachet
❺592	690800	1	Nut(Rewind Starter)
❺597	691696	1	Screw-Shoulder
❺608	497680	1	Starter-Rewind
❺689	691855	1	Spring-Friction
❺1210	498144	1	Pulley-Starter
❺1211	498144	1	Pulley-Starter

PROTOTYPE

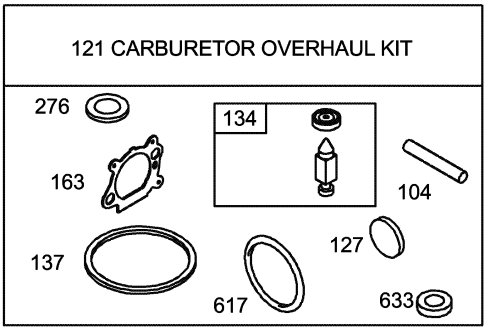


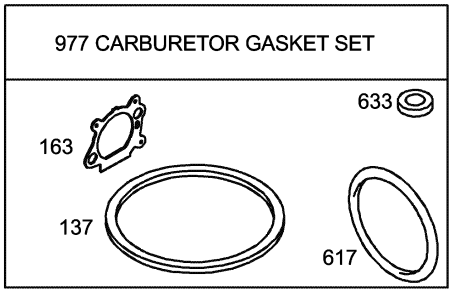
Assemblies include all parts shown in frames.

Gasket Assembly Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
❷❺3	299819	1	Seal-Oil
❷❺7	692249	1	Gasket-Cylinder Head
❷❺12	692232	1	Gasket-Crankcase
❷❺20	399781	1	Seal-Oil
❷❺51	272199	1	Gasket-Intake
❷❸163	272653	1	Gasket-Aircleaner
❹❺ ❺358	497316	1	Gasket Set
❷❺524	692296	1	Seal-Dipstick Tube
❷❺585	691879	1	Gasket-Breather Passage
❷❸617	270344	1	Tube-Intake
❹❺ ❷❺668	493823	1	Bracket Spacer
❷❺842	691031	1	Seal–o Ring (Dipstick Tube)

PROTOTYPE





Assemblies include all parts shown in frames.

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

Ref	Part No.	Qty.	Description
❸❺104	691242	1	Pin-Float Hinge
❺121	498260	1	Carburetor Kit
❸❺127	694468	1	Welch Plug
❸❺134	398188	1	Valve-Inlet
❸❹137 ❺	693981	1	Gasket-Bowl
❷❸163 ❹❺	272653	1	Gasket-Aircleaner
❸❺276	271716	1	Washer-Sealing
❷❸617 ❹❺	270344	1	Tube-Intake
❸❹633 ❺	691321	1	Seal-Dust
❺977	498261	1	Carburetor Gasket Set

PROTOTYPE

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