Form Number 3350-666

53cm Super Recycler®
Lawnmower

Model No. 20784 - 250000001 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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Contents

Description	Page
Housing, Handle Bracket and Wheel Assembly	3
Housing, Kicker, and Washer Assembly No. 105-1309	4
Gear Case Assembly No. 104-7674	5
Gearcase and Wheel Assembly	6
Engine Assembly	7
Handle Assembly	8
Battery and Switch Assembly	9
Rear Bag Discharge Chute Assembly	10
Rear Bagger Assembly No. 11-0189	11
Cylinder Assembly Briggs and Stratton 122607-0116-E1	12
Cylinder Head Assembly Briggs and Stratton 122607-0116-E1	13
Crankshaft Assembly Briggs and Stratton 122607-0116-E1	14
Crankcase Assembly Briggs and Stratton 122607-0116-E1	15
Carburetor Assembly Briggs and Stratton 122607-0116-E1	16
Air Cleaner Assembly Briggs and Stratton 122607-0116-E1	17
Governor Assembly Briggs and Stratton 122607-0116-E1	18
Muffler and Fuel Tank Assembly Briggs and Stratton 122607-0116-E1	19
Blower Housing Assembly Briggs and Stratton 122607-0116-E1	20
Recoil Starter Assembly Briggs and Stratton 122607-0116-E1	21
Starter Assembly Briggs and Stratton 122607-0116-E1	22
Gasket Assembly Briggs and Stratton 122607-0116-E1	23
Carburetor Overhaul Kit Assembly Briggs and Stratton 122607-0116-E1	24

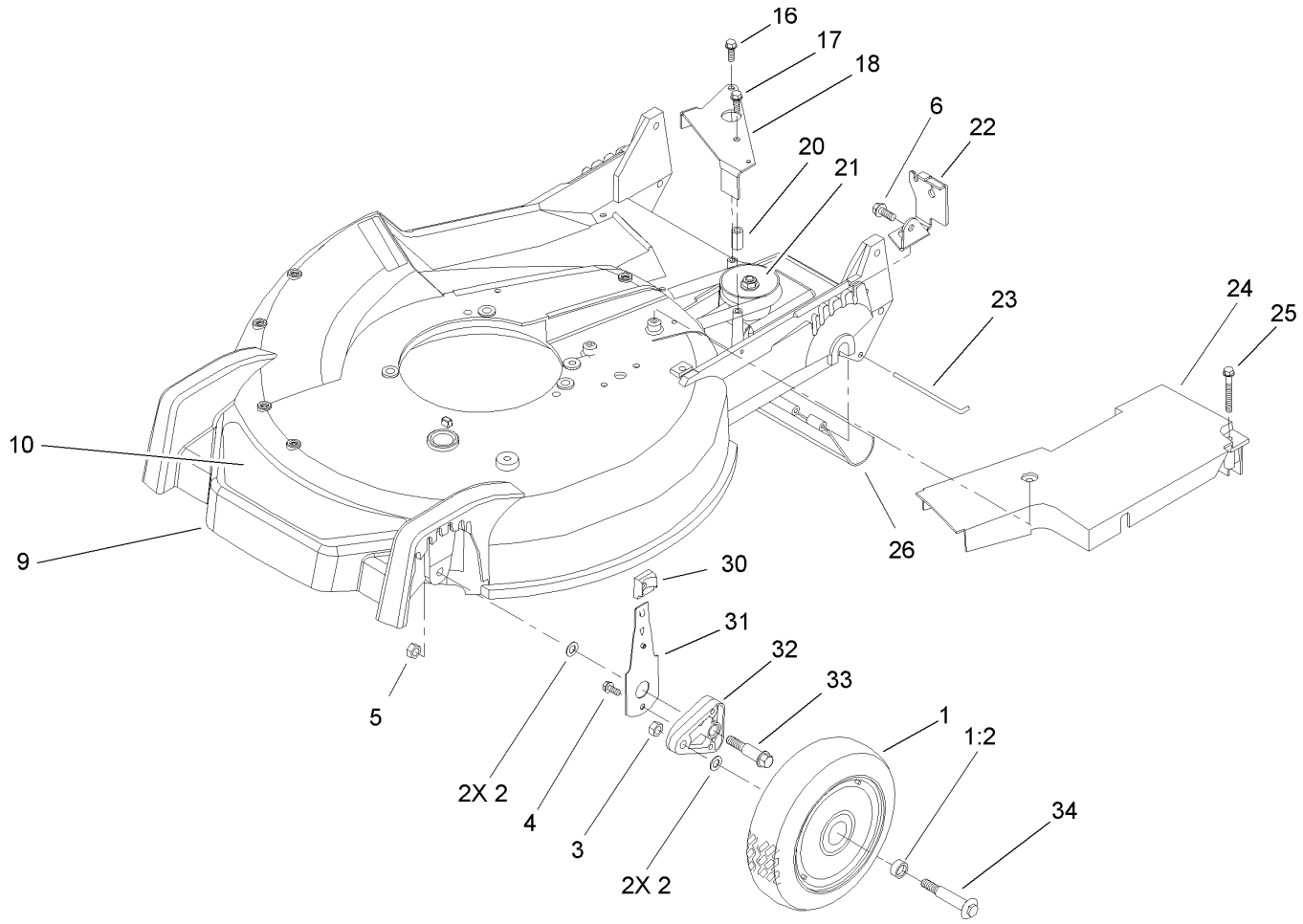
Part Description Abbreviations

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
NPTF	national pipe thread fine
PPH	phillips pan head
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
WH	wing head

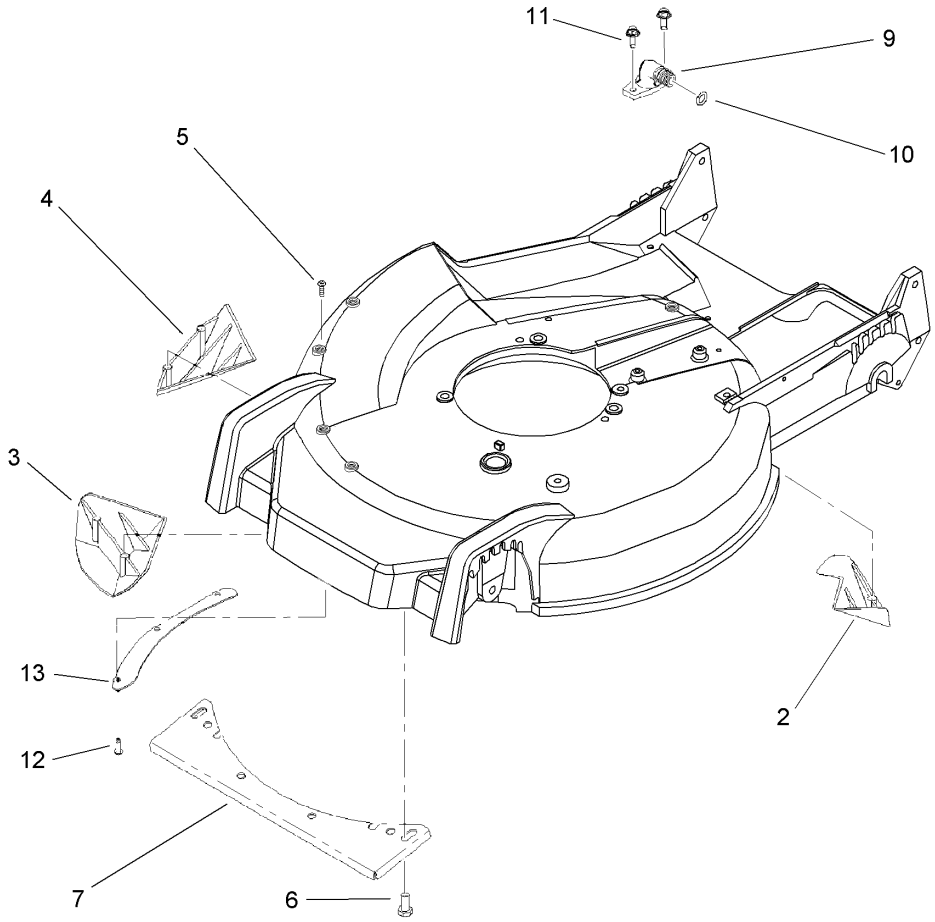
Footnotes

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 Included in Valve Overhaul Gasket Set-Ref. 1095.
❼ Obtain parts from your local Briggs & Stratton dealer



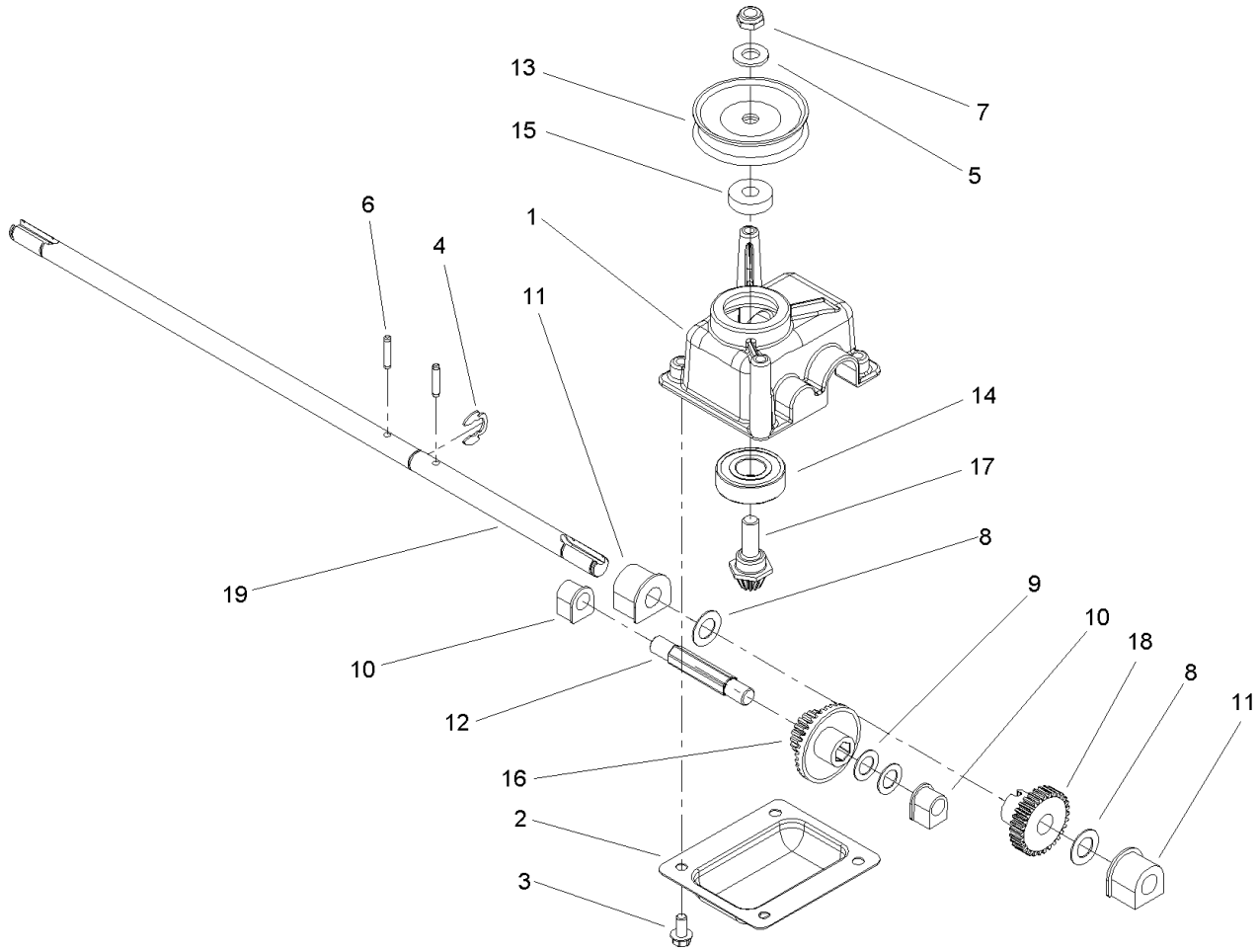
Housing, Handle Bracket and Wheel Assembly

Ref	Part No.	Qty.	Description
1	100-1516	2	Wheel ASM
1:2	27-6250	2	Bushing
2	40-1940	4	Washer
3	603773	2	Nut
4	32144-85	2	Screw-HWH
5	3296-6	2	Nut-Lock
6	32144-70	5	Screw-HH
9	105-1309	1	Housing ASM
10	105-8642	1	Decal-Housing
16	32144-85	1	Screw-HWH
17	92-1616	1	Screw-Hwh, Thd Form
18	99-1513-03	1	Bracket-Transmission Actuator
20	614673	1	Bushing-Plate, Actuator
21	104-7674	1	Gear Case ASM
22	99-1512-03	1	Bracket-Cable, Traction
23	33-3208	1	Rod-Shield
24	104-7906	1	Cover-Belt
25	37-7260	1	Screw-HH
26	44-0580	1	Shield-Trailing
30	25-7740	2	Knob-Arm
31	66-0541	2	Front Spring Arm ASM
32	66-0580	2	Arm-Pivot, Front
33	66-0560	2	Bolt-Shoulder
34	92-1057	2	Bolt-Shoulder



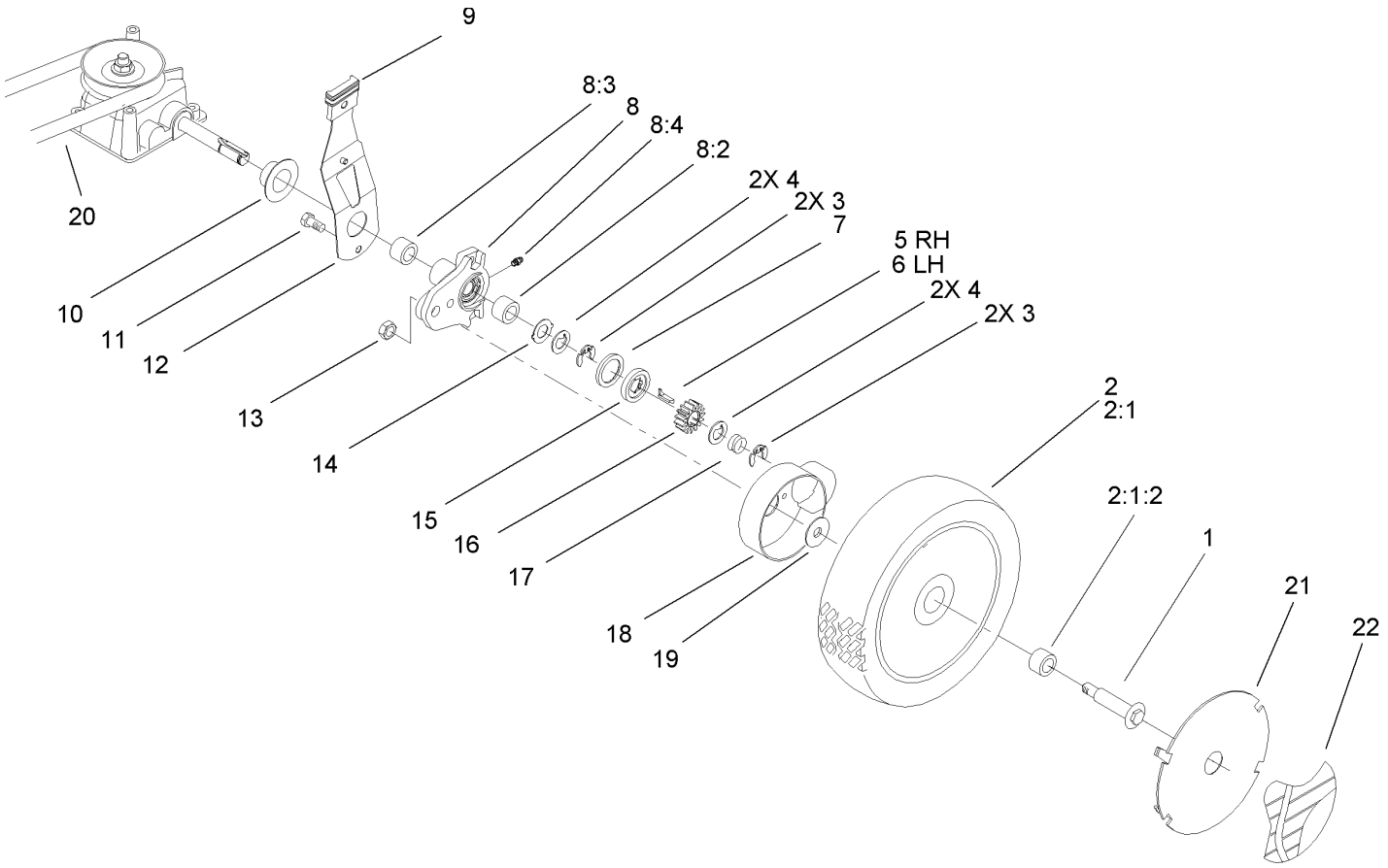
Housing, Kicker, and Washer Assembly No. 105-1309

Ref	Part No.	Qty.	Description
2	92-1750	1	Kicker-Rear
3	92-1720	1	Kicker-Front
4	92-1730	1	Kicker-RH
5	32144-111	6	Screw-PPH
6	32144-70	4	Screw-HH
7	46-5400-03	1	Shield
9	95-2747	1	Fitting-Washout
10	46-6290	1	O-Ring
11	46-6811	2	Screw-HWH
12	63-8590	3	Screw
13	105-1316-03	1	Sheet-Lip



Gear Case Assembly No. 104-7674

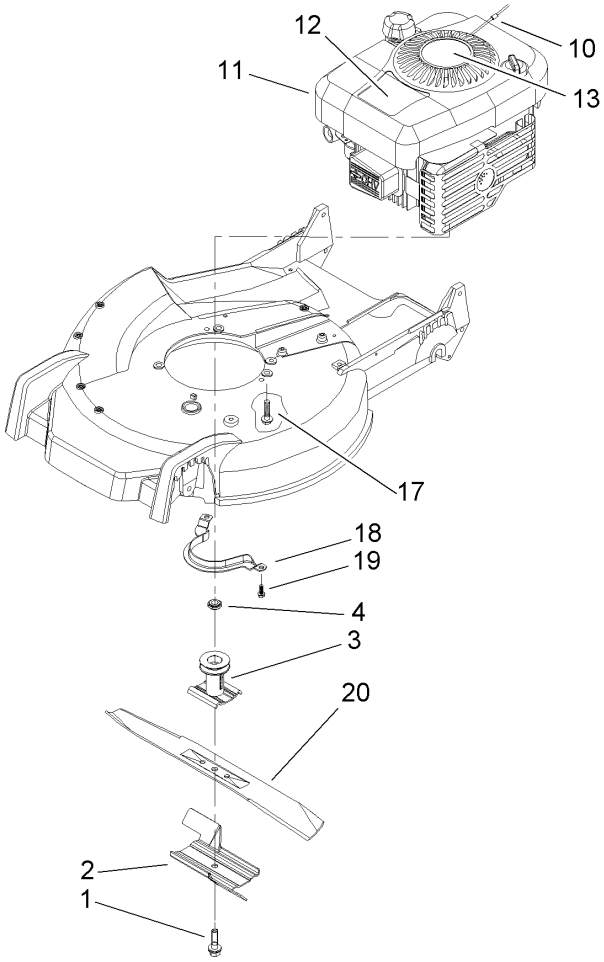
Ref	Part No.	Qty.	Description
1	104-7619	1	Case-Gear
2	614668-03	1	Cover-Case, Gear
3	32144-4	4	Screw-HWH
4	32151-68	1	Ring-Retaining
5	3256-24	1	Washer-Flat
6	3285-19	2	Pin-Groove
7	3296-5	1	Nut-Lock
8	36-4780	2	Washer
9	36-4791	2	Washer-Thrust
10	60-8750	2	Bushing
11	60-8850	2	Bushing
12	614696	1	Shaft-Intermediate
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	104-7673	1	Shaft-Output



Gearcase and Wheel Assembly

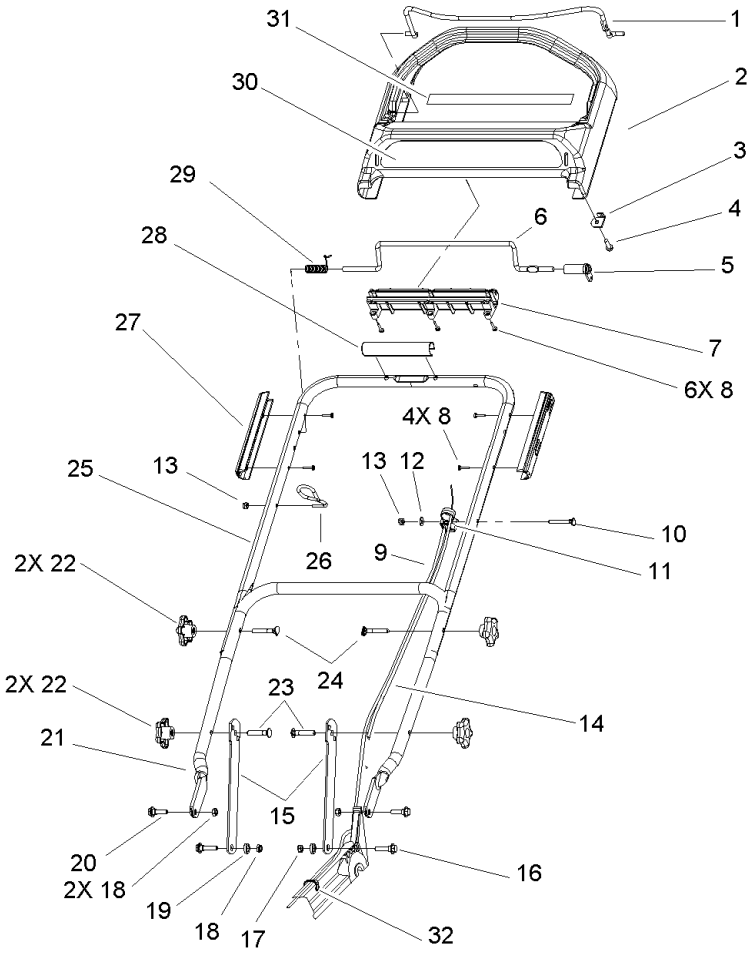
Ref	Part No.	Qty.	Description
1	92-1057	2	Bolt-Shoulder
2	100-5955	2	Wheel ASM
❷2:1		1	Wheel ASM
2:1:2	27-6250	2	Bushing
3	65-2720	4	Klipring-Locking
4	65-4740	4	Washer-Thrust, Keyed
5	66-6040	1	Key-Rocking, RH
6	66-6050	1	Key-Rocking, LH
7	65-4710	2	Ring-Friction
8	100-8774	2	Pivot Arm ASM
8:2	47-2900	1	Bushing
8:3	70-9760	1	Bushing
8:4	302-56	1	Fitting-Grease
9	25-7740	2	Knob-Arm
10	42-3520	2	Cap-End
11	32144-85	2	Screw-HWH
12	63-8721	2	Spring Arm ASM
13	603773	2	Nut
14	65-4730	2	Washer-Arm, Pivot
15	65-4760	2	Washer-Clutch
16	65-4750	2	Gear-Pinion
17	65-4720	2	Spring-Compression
18	74-1660	2	Cover-Wheel
19	74-1671	2	Spacer-Cover, Wheel

Ref	Part No.	Qty.	Description
20	91-2258	1	V-Belt
21	100-6351	1	Cover-Wheel
22	100-1519	1	Label-Wheel, Smart



Engine Assembly

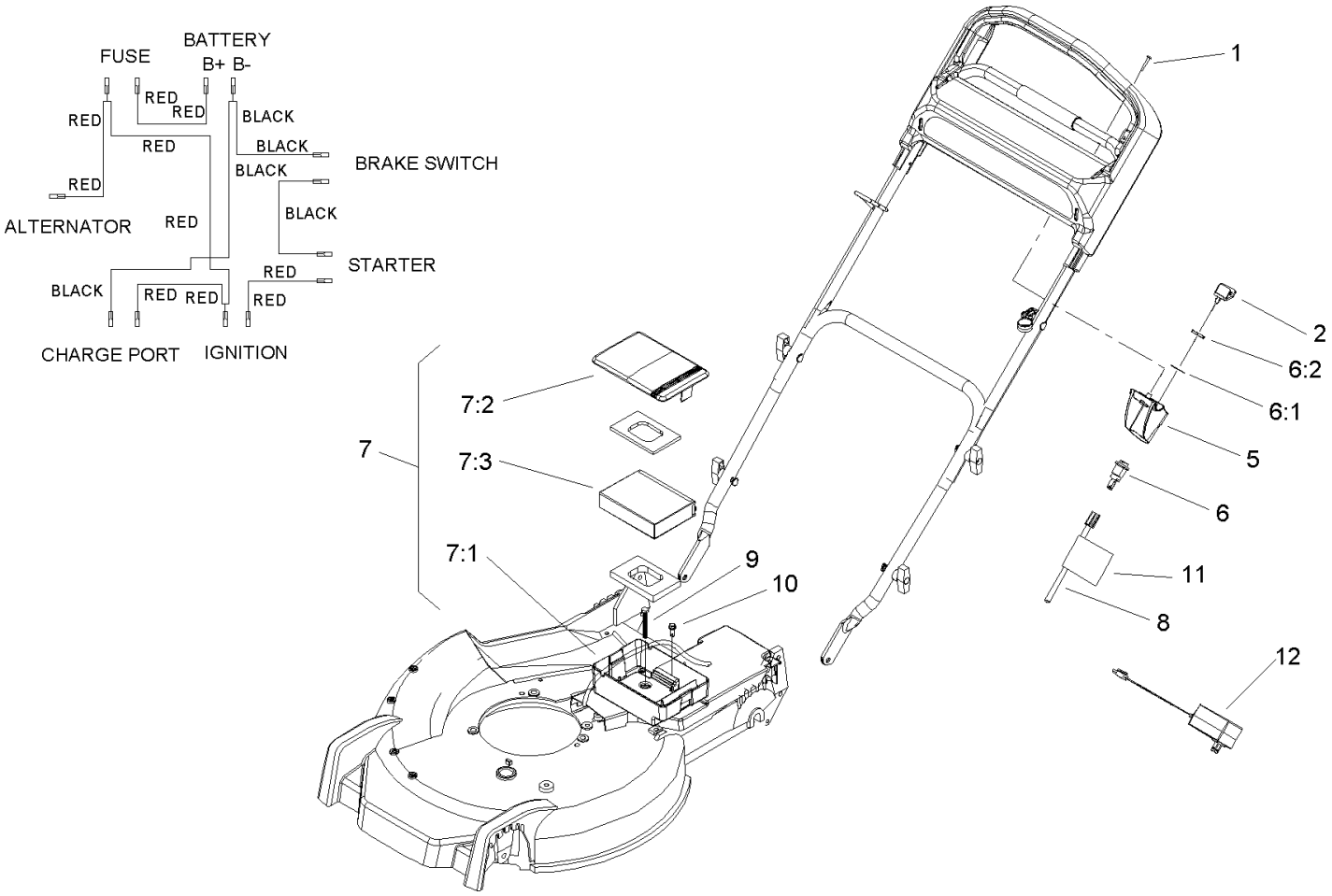
Ref	Part No.	Qty.	Description
1	105-8579	1	Bolt-Blade
2	105-6848-03	1	Accelerator-Blade
3	106-3987	1	Blade Driver ASM
4	106-3999	1	Spacer-Driver
10	2210-316	1	Stop-Rope
❷11		1	Engine-Briggs And Stratton Model 122607-0116-E1
12	99-6015	1	Decal Logo-Recoil
13	107-8921	1	Decal-Recoil, Recycler
17	32144-102	3	Screw-HWH
18	66-0570-03	1	Bracket-Guide, Belt
19	32144-70	2	Screw-HH
20	93-4106-03	1	Blade



Handle Assembly

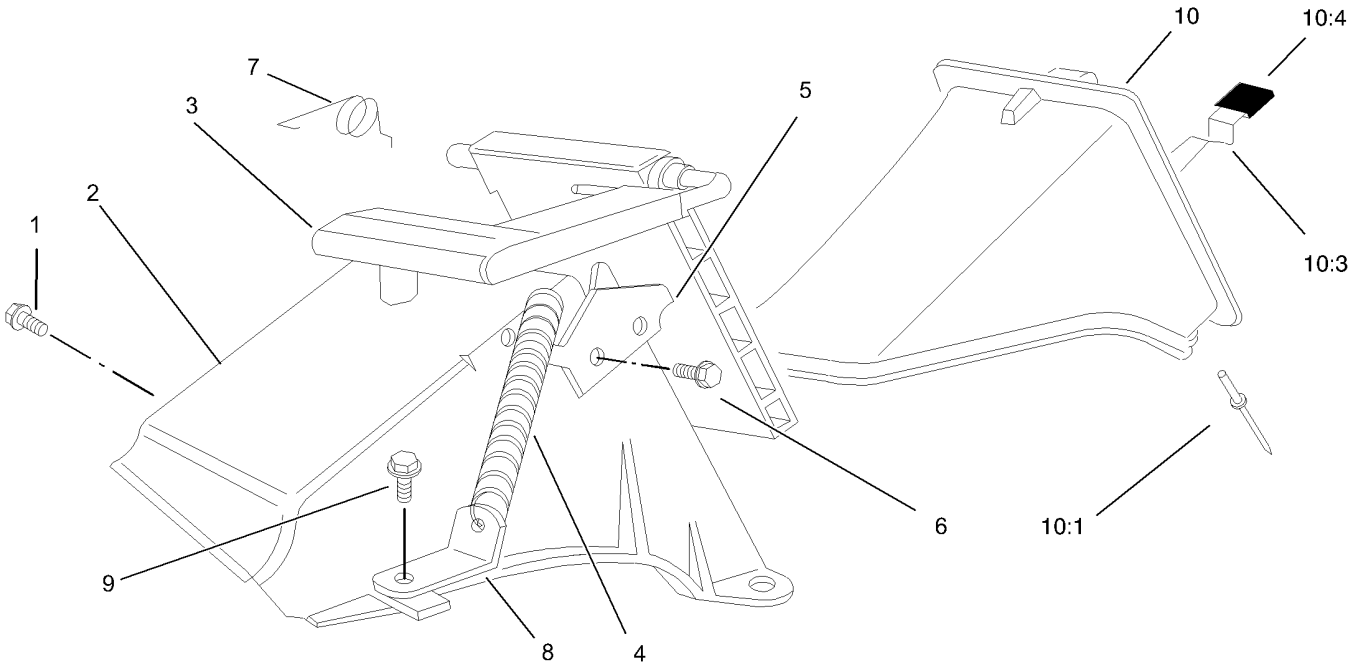
Ref	Part No.	Qty.	Description
1	99-1593-03	1	Bail-Brake
2	99-1582	1	Handle-Control
3	106-2662	1	Retainer-Cable
4	98-2682	1	Screw
5	99-1589	1	Lever-Traction
6	99-1588	1	Bar-Control, Traction
7	99-6008	1	Retainer-Control Rod, Traction
8	94-4496	10	Screw-PPH
9	100-1186	1	Cable-Brake
10	95-4453	1	Screw
11	99-5239	1	Anchor-Cable
12	3256-1	1	Washer-Flat
13	3296-73	2	Nut-Lock, NI
14	106-8300	1	Cable-Traction
15	99-5248-03	2	Latch-Handle
16	27-7210	2	Screw-Shoulder
17	3296-47	1	Nut-Lock, NI
18	3296-72	3	Nut-Lock, Ne
19	3-3287	2	Spacer-Latch, Handle
20	27-7211	2	Screw-Shoulder
21	99-5249-05	1	Handle-Lower
22	106-4161	4	Knob-Handle
23	99-6019	2	Screw-CARR
24	92-2260	2	Screw-Handle

Ref	Part No.	Qty.	Description
25	99-1596-05	1	Handle-Upper
26	86-9671	1	Guide-Rope
27	99-1590	2	Guide-Handle, Control
28	100-5970	1	Cover-Handle
29	99-1592	1	Spring-Torsion, RH
30	105-8643	1	Decal-Panel
31	93-6655	1	Decal-Panel, Rear
32	100-2894	1	Tie-Cable



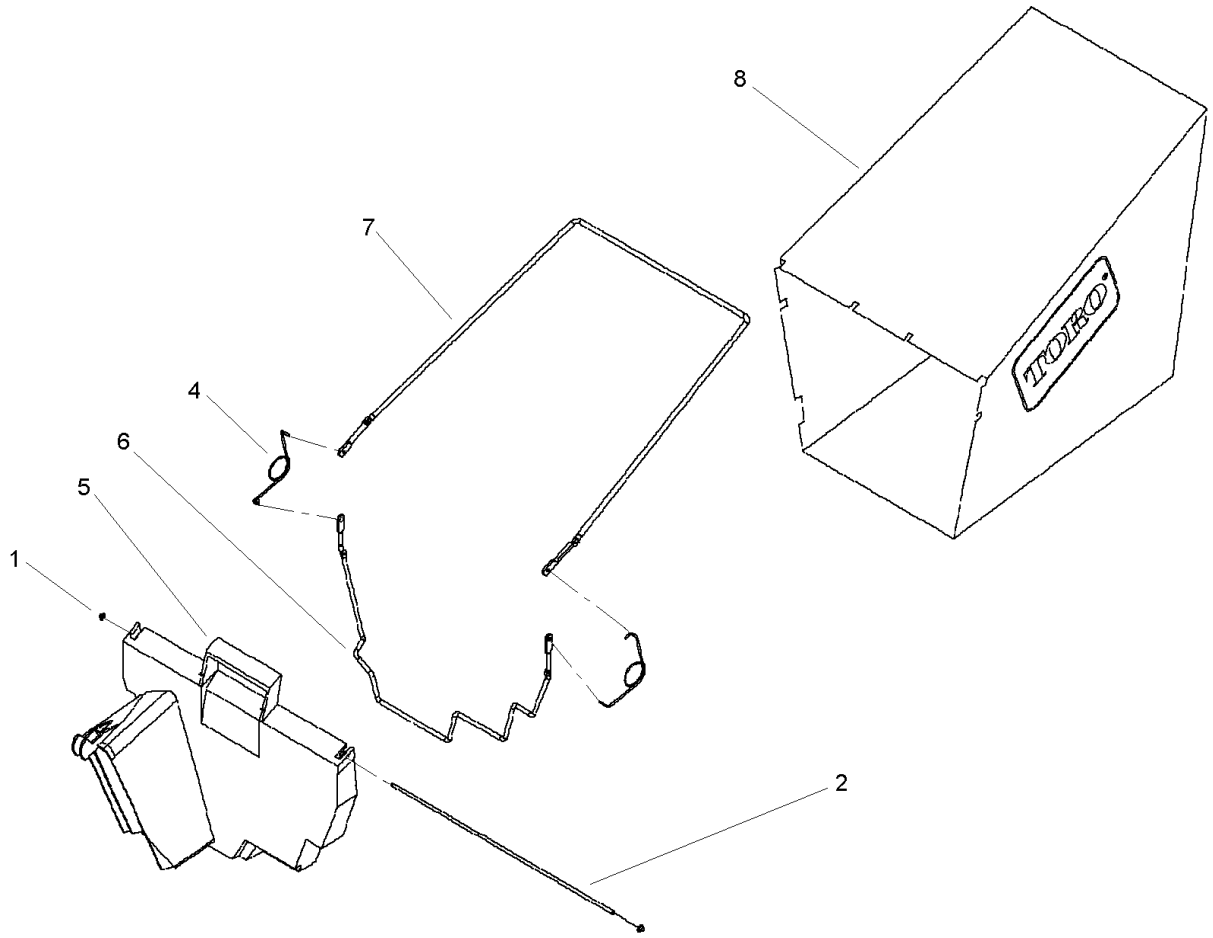
Battery and Switch Assembly

Ref	Part No.	Qty.	Description
1	32144-97	1	Screw-Pph, Plastite
2	63-8360	1	Key-Ignition
5	99-6006	1	Switch-Holder
6	46-5780	1	Switch-Starter
6:1	3254-5	1	Washer-Tooth
6:2	218-461	1	Nut-HH
❶7	105-6845	1	Battery ASM
7:1	105-6843	1	Box-Battery
7:2	105-6844	1	Cover-Battery
7:3	104-7903	1	Battery-12v
8	100-1040	1	Harness-Wire, Tc
9	37-7262	1	Screw-Special
10	32144-32	1	Screw
11	104-7953	1	Decal-Harness
12	98-2391	1	Charger-European, 12v Dc
❶13	99-6124	2	Fuse-40 Amp



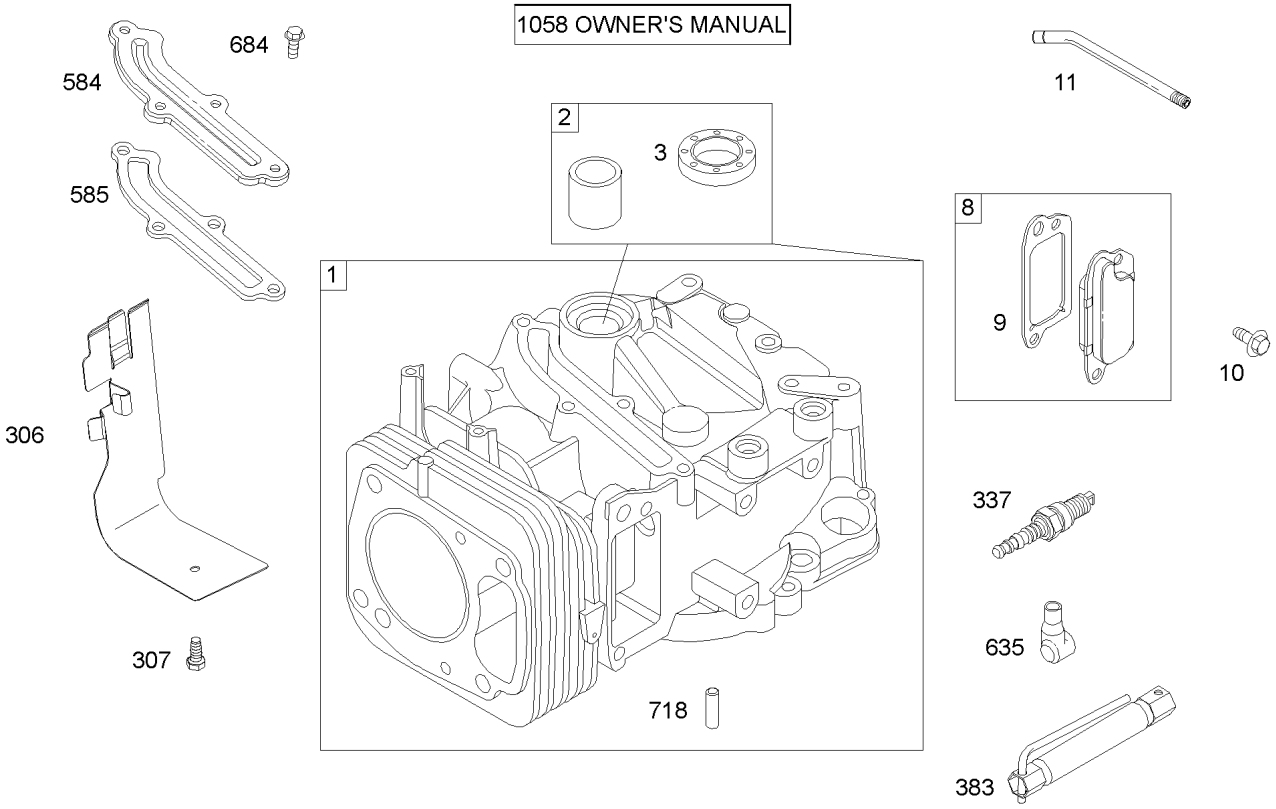
Rear Bag Discharge Chute Assembly

Ref	Part No.	Qty.	Description
1	46-6810	1	Screw And Washer ASM
2	82-9151	1	Tunnel-Discharge
3	106-8336	1	Discharge Door ASM
4	76-4660	1	Spring-Door
5	106-8334	1	Plate-Latch
6	46-8090	2	Screw-Plastite
7	80-3770	1	Retainer-Door
8	71-9350	1	Bracket-Spring
9	46-6811	3	Screw-HWH
10	77-0502	1	Discharge Plug ASM
10:1	3295-35	1	Rivet-Head, Flat
10:3	76-4640	1	Latch-Plug, Discharge
10:4	76-4650	1	Grip-Latch



Rear Bagger Assembly No. 11-0189

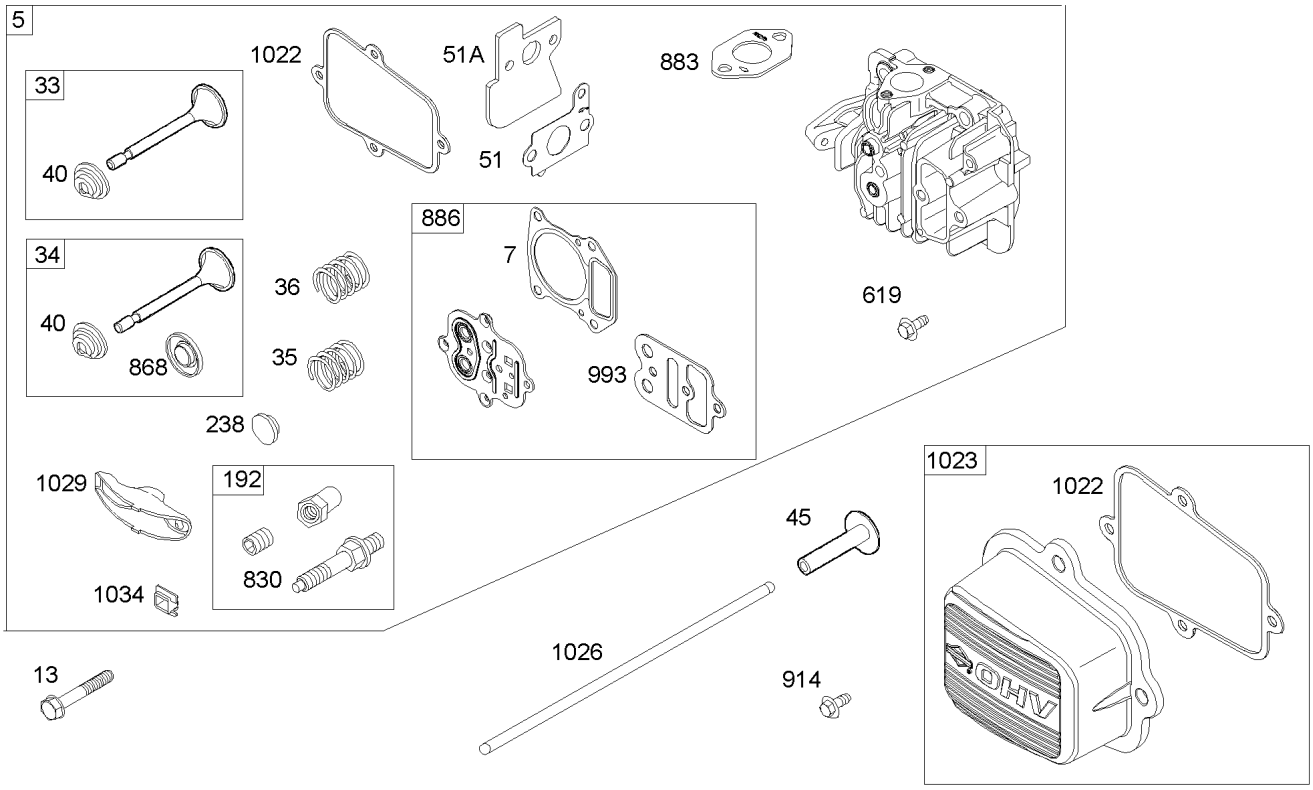
Ref	Part No.	Qty.	Description
1	3290-422	2	Nut-Push
2	33-4820	1	Hinge-Door, Bag
4	36-6910	2	Spring
5	37-1393	1	Door-Bag
6	42-4020	1	Frame-Bag
7	42-4030	1	Frame-Bag, Upper
8	44-0522	1	Bag-Grass



Assemblies include all parts shown in frames.

Cylinder Assembly
Briggs and Stratton 122607-0116-E1

Ref	Part No.	Qty.	Description
❼1	499678	1	Cylinder Assembly
❼2	399269	1	Kit–bushing/seal
❸❼3	299819	1	Seal–oil Magneto Side)
❼8	495786	1	Breather Assembly
❸❻❼9	272481	1	Gasket–breather
❼10	691125	1	Screw (Breather Asm)
❼11	691260	1	Tube–breather
❼306	691232	1	Shield–cylinder
❼307	690345	1	Screw (Cylinder Shield)
❼337	692051	1	Sparkplug
❼383	19374	1	Wrench-Spark Plug
❼584	692342	1	Cover–breather Passage
❸❼585	691879	1	Gasket–breather Passage
❼635	66538	1	Boot–spark Plug
❼684	690345	1	Screw (Cylinder Shield)
❼718	690959	1	Pin–locating
❼1058	274979	1	Owners Manual

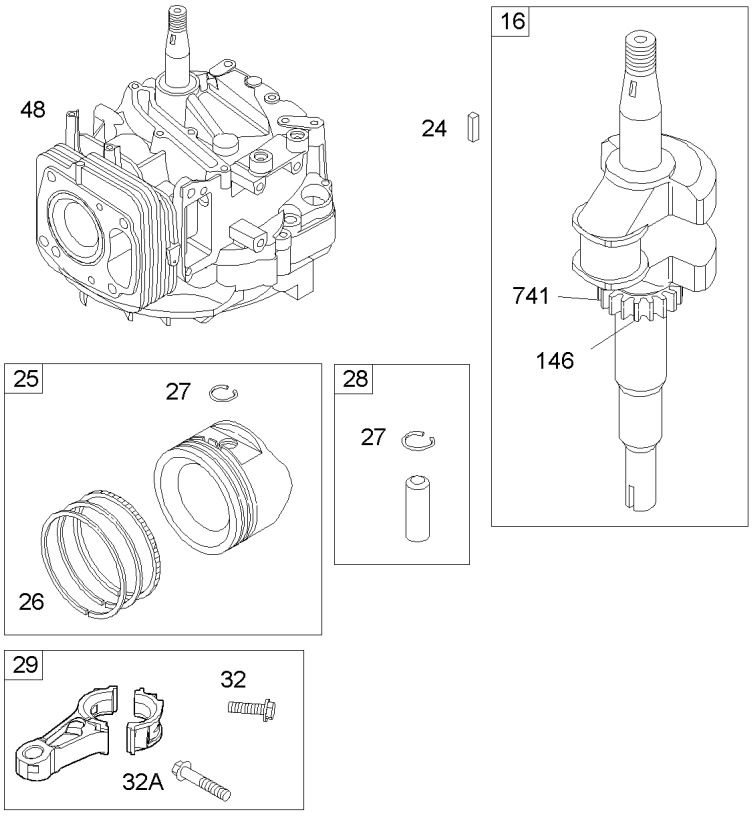


Assemblies include all parts shown in frames.

Cylinder Head Assembly
Briggs and Stratton 122607-0116-E1

Ref	Part No.	Qty.	Description
❼5	695276	1	Head–cylinder
❸❻7 ❼	695166	1	Cylinder Head Gasket
❼13	691137	1	Screw (Cylinder Head)
❼33	499642	1	Exhaust Valve
❼34	499641	1	Intake Valve
❼35	691304	1	Valve Spring (Exhaust)
❼36	691304	1	Valve Spring (Exhaust)
❼40	692194	1	Retainer–valve
❼45	690977	1	Valve Tappet
❸❹51 ❻❼	692668	1	Gasket–intake
❸❹51A ❻❼	692799	1	Gasket–intake
❼192	694543	1	Rocker Arm Adjuster
❼238	691300	1	Valve Cap
❼619	691108	1	Screw
❼830	694544	1	Rocker Arm Stud
❼868	692044	1	Valve Seal
❼883	691893	1	Exhaust Gasket
❼886	696268	1	Cylinder Head/plate Gasket Kit
❼914	691127	1	Screw (Starter Motor)
❼993	694088	1	Cylinder Head Plate Gasket
❼1022	691890	1	Rocker Cover Gasket
❼1023	692694	1	Cover–rocker

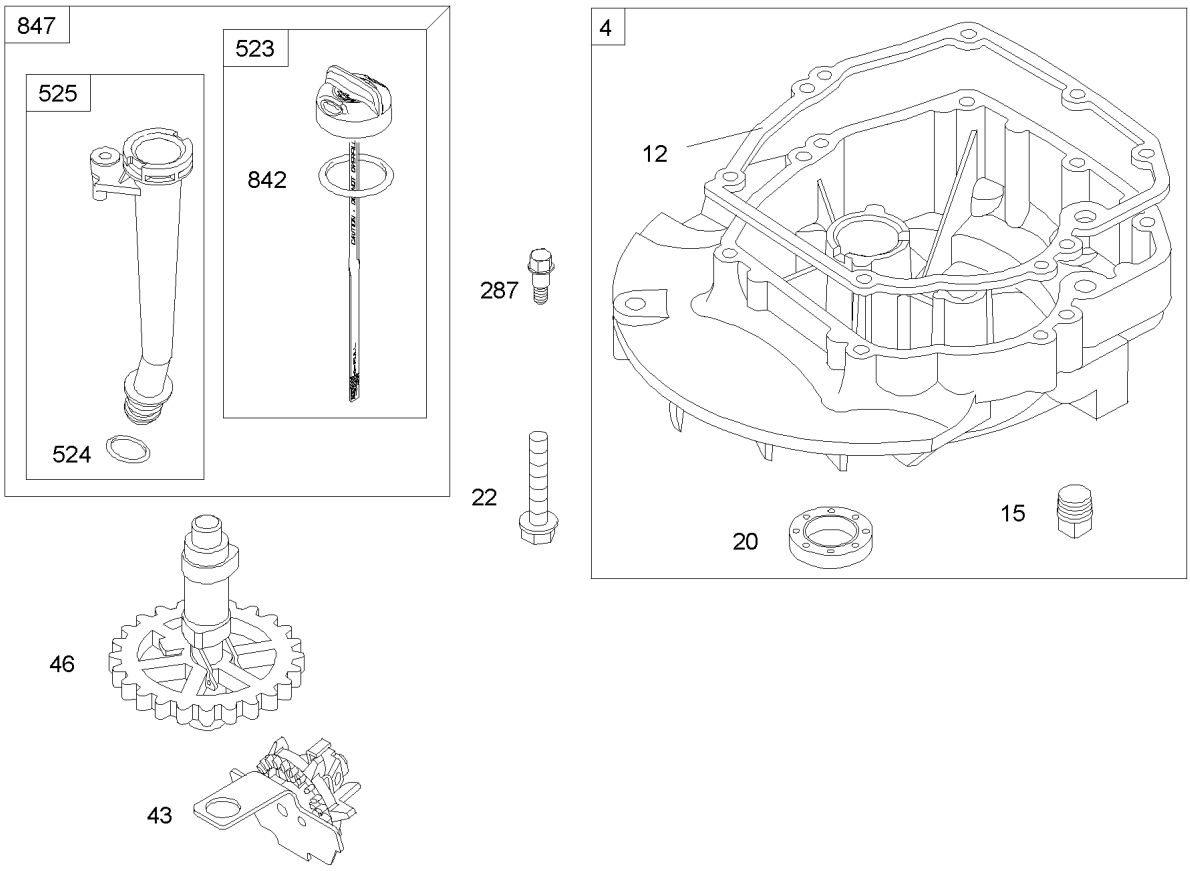
Ref	Part No.	Qty.	Description
❼1026	692045	1	Rod–push
❼1029	691230	1	Rocker Arm
❼1034	691343	1	Push Rod Guide



Assemblies include all parts shown in frames.

Crankshaft Assembly
Briggs and Stratton 122607-0116-E1

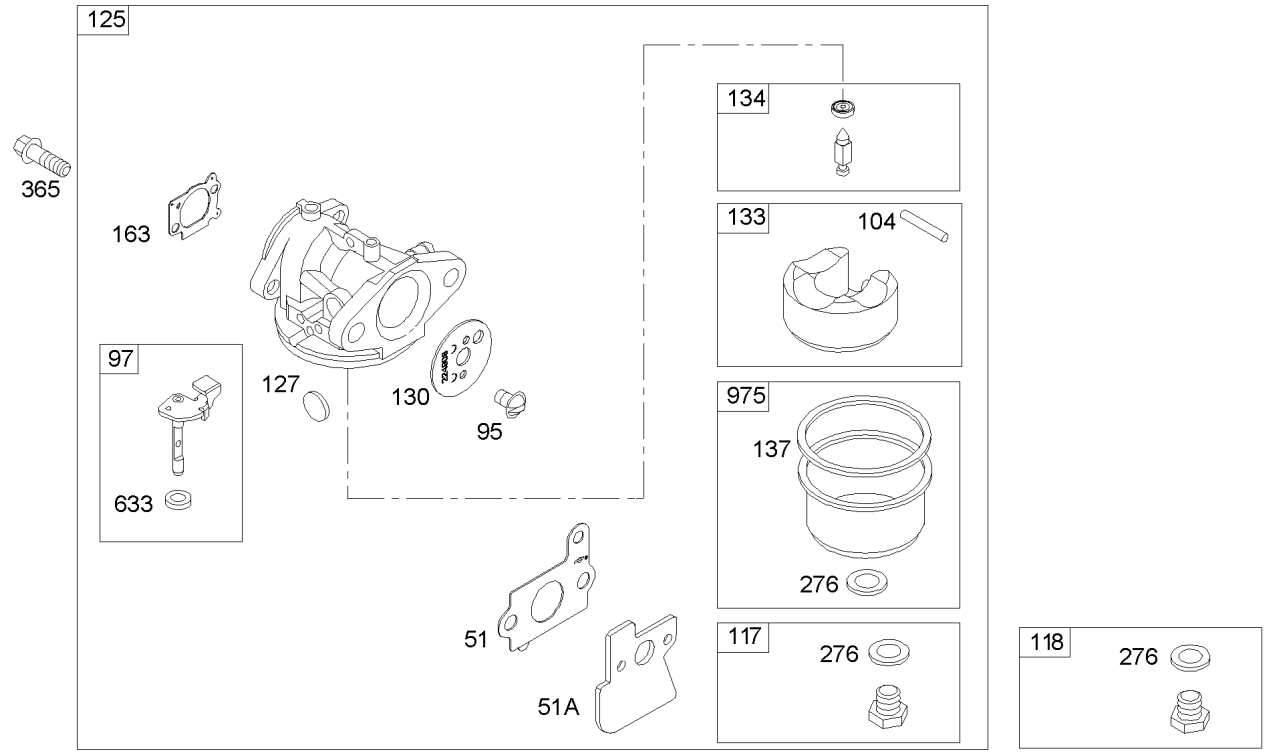
Ref	Part No.	Qty.	Description
❼16	695950	1	Crankshaft
❼24	222698	1	Key–flywheel
❼25	499627	1	Piston Assembly (Standard)
❼	692788	1	Piston Assembly (.010 Oversize)
❼	692789	1	Piston Assembly (.020 Oversize)
❼	692790	1	Piston Assembly (.030 Oversize)
❼26	499631	1	Ring Set (Standard)
❼	692785	1	Ring Set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



Assemblies include all parts shown in frames.

Crankcase Assembly
Briggs and Stratton 122607-0116-E1

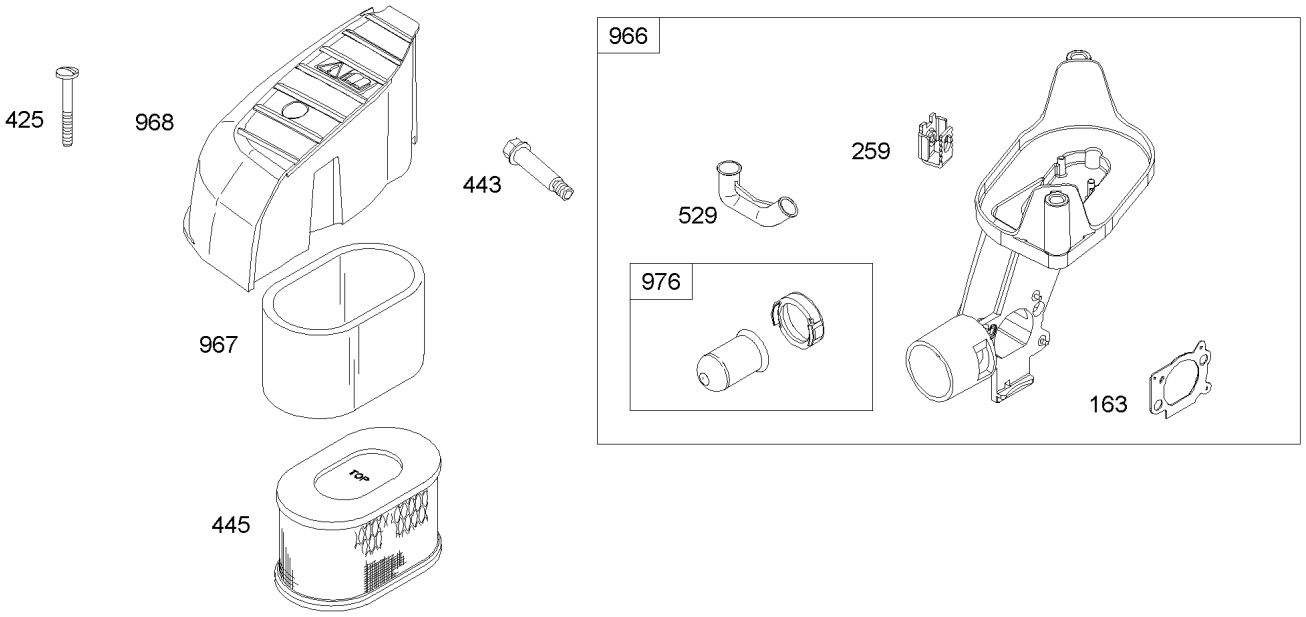
Ref	Part No.	Qty.	Description
❼4	499619	1	Sump–engine
❸❼12	692232	1	Gasket–crankcase (.015 Thick, Std.)
❼15	691680	1	Plug–drain, Oil
❸❼20	399781	1	Seal–oil
❼22	691092	1	Screw (Engine Sump)
❼43	691997	1	Slinger–governor/oil
❼46	694039	1	Camshaft
❼287	690940	1	Screw (Dipstick Tube)
❼523	499621	1	Dipstick
❸❼524	692296	1	Dipstick Tube Seal
❼525	495265	1	Dipstick Tube
❸❼842	691031	1	Seal-O Ring Seal (Dipstick Tube)
❼847	692047	1	Dipstick/ Tube ASM



Assemblies include all parts shown in frames.

Carburetor Assembly
Briggs and Stratton 122607-0116-E1

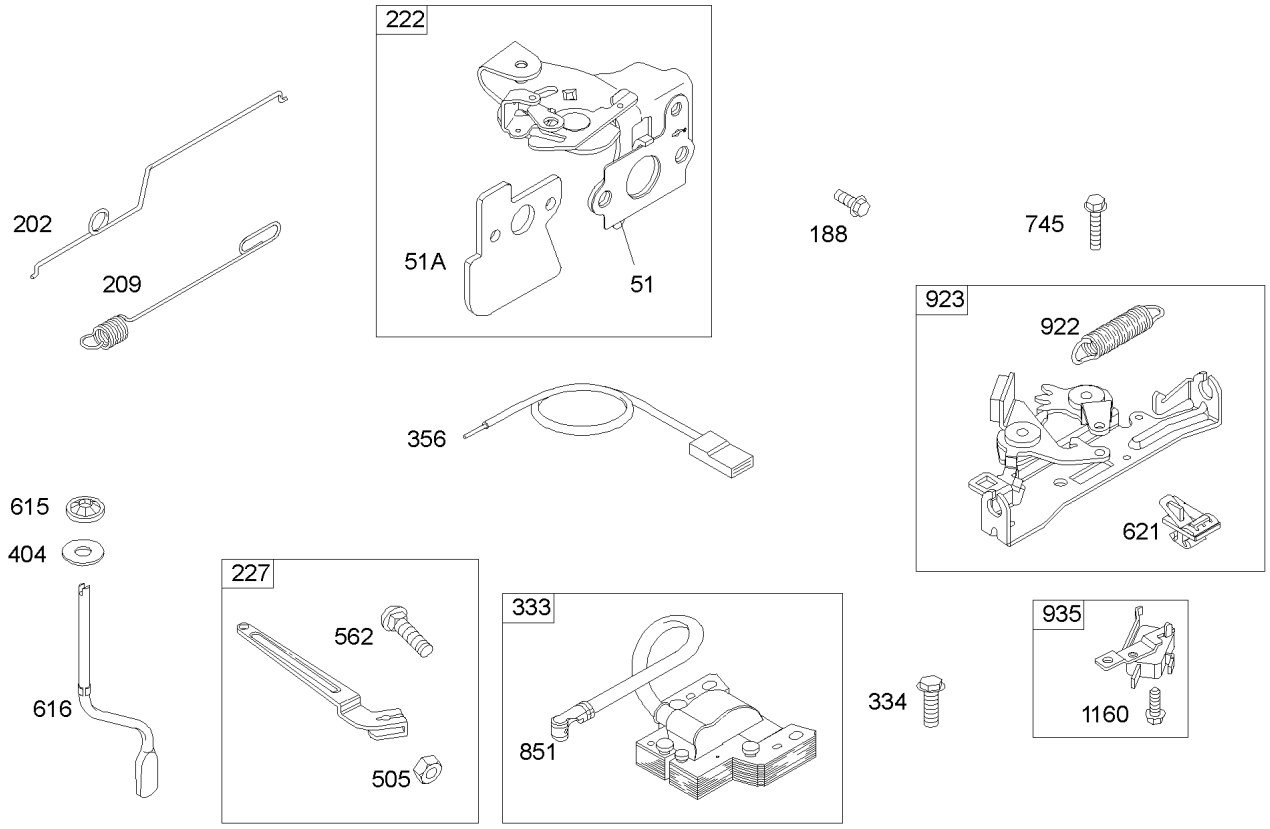
Ref	Part No.	Qty.	Description
❸❹51 ❻❼	692668	1	Gasket–intake
❸❹51A ❻❼	692799	1	Gasket–intake
❼95	691636	1	Screw
❼97	499682	1	Shaft–throttle
❺❼104	691242	1	Pin–float Hinge
❼117	498978	1	Jet–main (Standard)
❼118	498975	1	Jet–main (High Altitude)
❼125	694202	1	Carburetor
❺❼127	694468	1	Plug–welch
❼130	691203	1	Valve–throttle
❼133	398187	1	Float–carburetor
❼134	398188	1	Kit–needle/seat
❹❺137 ❼	693981	1	Gasket–float Bowl
❸❹163 ❻❼	691894	1	Gasket–air Cleaner
❹❺276 ❼	271716	1	Washer–sealing
❼365	691136	1	Screw (Carburetor)
❹❺633 ❼	691321	1	Seal–choke/throttle Shaft
❼975	493640	1	Bowl–float



Assemblies include all parts shown in frames.

Air Cleaner Assembly
Briggs and Stratton 122607-0116-E1

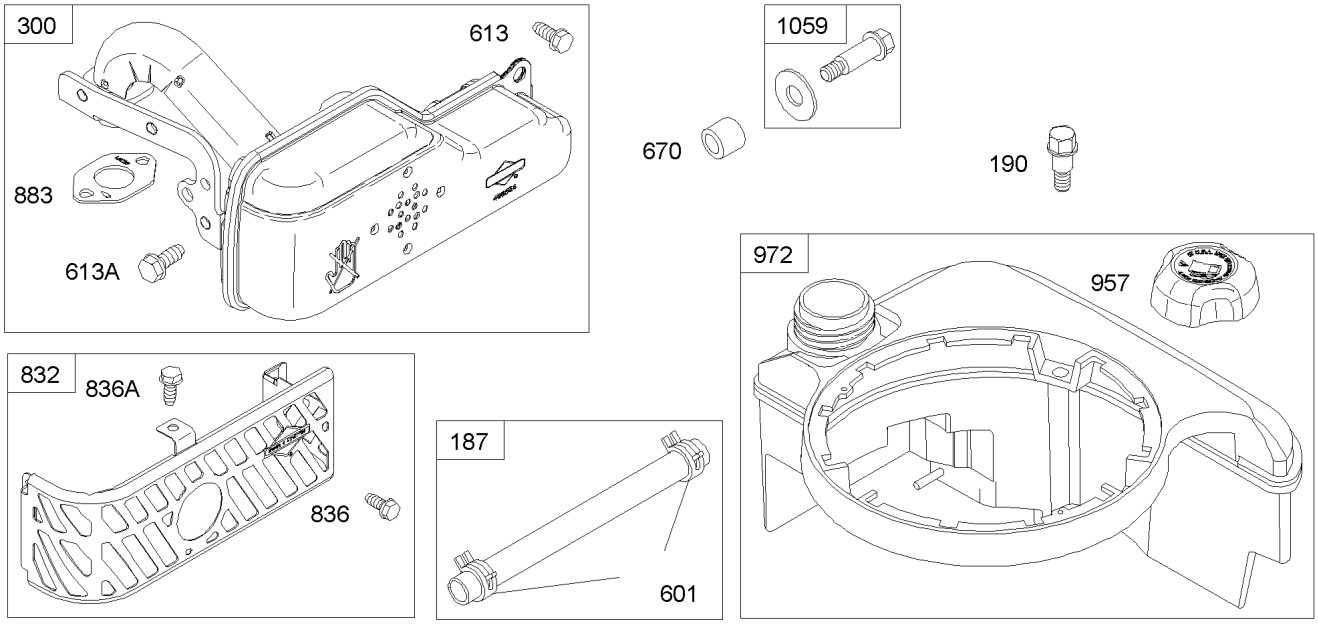
Ref	Part No.	Qty.	Description
❸❹163 ❻❼	691894	1	Gasket–air Cleaner
❼259	691189	1	Bracket–casing Clamp
❼425	690244	1	Screw (Air Cleaner Cover)
❼443	690255	1	Screw (Air Cleaner Primer Bracket)
❼445	690610	1	Filter–air Cleaner Cartridge
❼529	692937	1	Grommet
❼966	690243	1	Base–air Cleaner Primer
❼967	273356	1	Pre–cleaner Filter
❼968	692692	1	Cover–air Cleaner
❼976	694395	1	Primer–carburetor



Assemblies include all parts shown in frames.

Governor Assembly
Briggs and Stratton 122607-0116-E1

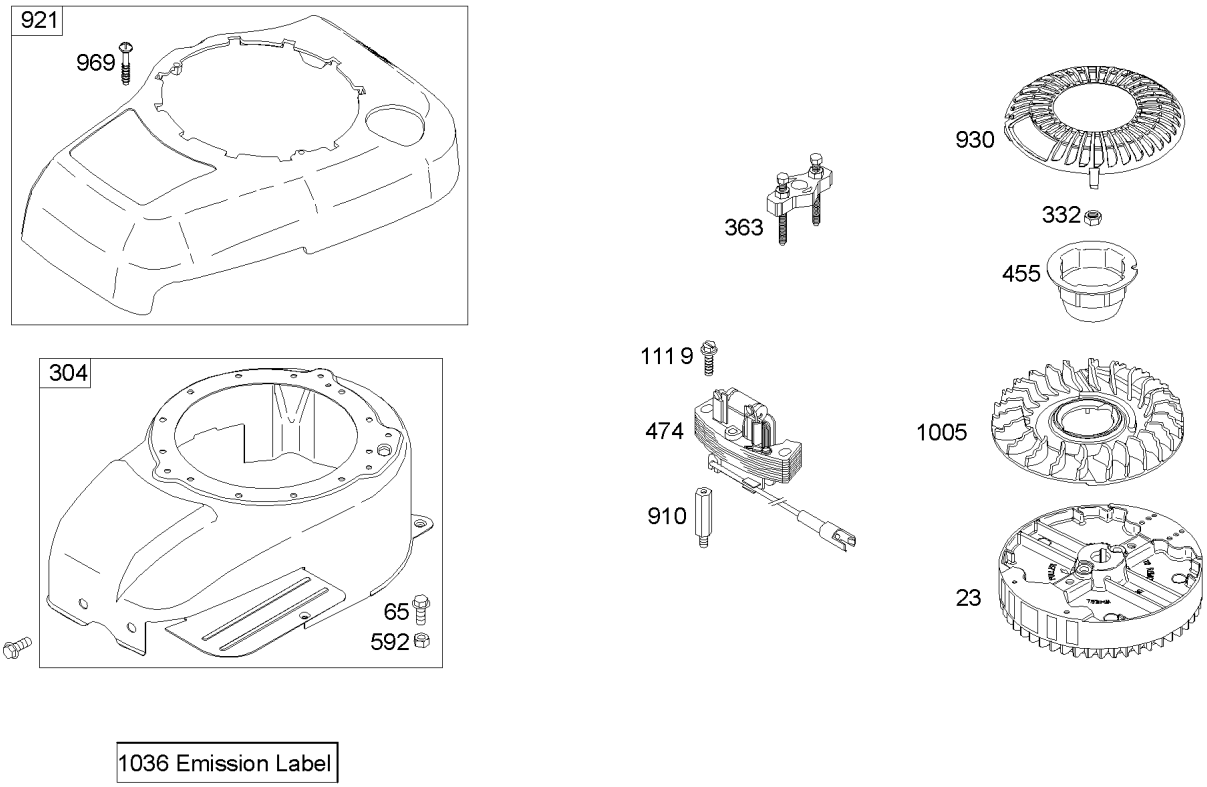
Ref	Part No.	Qty.	Description
❸❹51 ❻❼	692668	1	Gasket–intake
❸❹51A ❻❼	692799	1	Gasket–intake
❼188	693168	1	Screw (Control Bracket)
❼202	691303	1	Link–mechanical Governor
❼209	691292	1	Spring–governor
❼222	692723	1	Bracket–control
❼227	691467	1	Lever–governor Control
❼333	802574	1	Armature–magneto
❼334	691061	1	Screw
❼356	692390	1	Stop Wire
❼404	690272	1	Washer (Governor Crank)
❼505	231082	1	Nut (Governor Control Lever)
❼562	94852	1	Screw (Governor Control Lever)
❼615	690340	1	Retainer–governor Shaft
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
❼935	499421	1	Switch–interlock
❼1160	691627	1	Screw Interlock Switch)



Assemblies include all parts shown in frames.

Muffler and Fuel Tank Assembly
Briggs and Stratton 122607-0116-E1

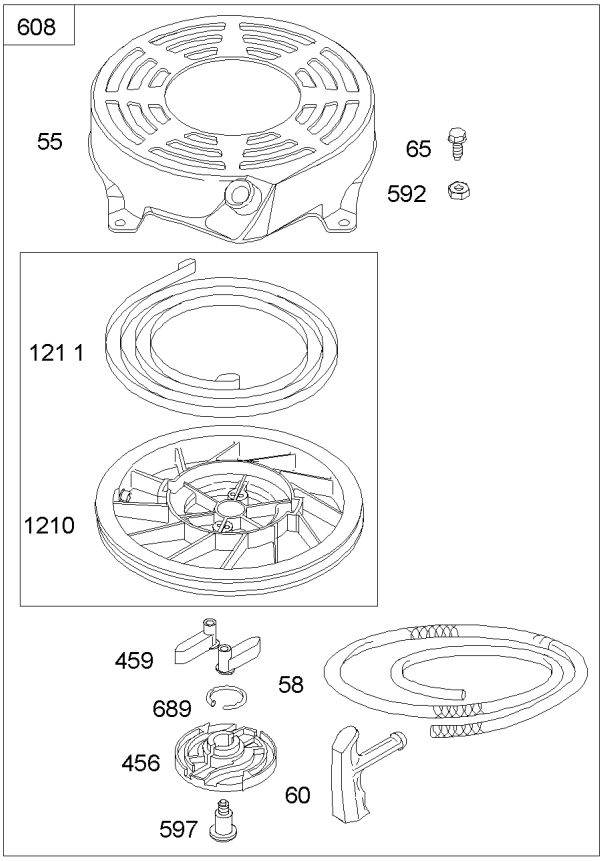
Ref	Part No.	Qty.	Description
❼187	691050	1	Line–fuel Cut To Required Length
❼190	690940	1	Screw (Dipstick Tube)
❼300	694248	1	Muffler
❼601	95162	1	Clamp–hose
❼613	691108	1	Screw
❼613A	691140	1	Screw (Muffler)
❼670	692294	1	Spacer–fuel Tank
❼832	691466	1	Guard–muffler
❼836	690960	1	Screw
❼836A	691147	1	Screw (Muffler Guard)
❸❻883 ❼	691893	1	Exhaust Gasket
❼957	692046	1	Cap–fuel Tank
❼972	499618	1	Tank–fuel
❼1059	692311	1	Kit–screw/washer



Assemblies include all parts shown in frames.

Blower Housing Assembly
Briggs and Stratton 122607-0116-E1

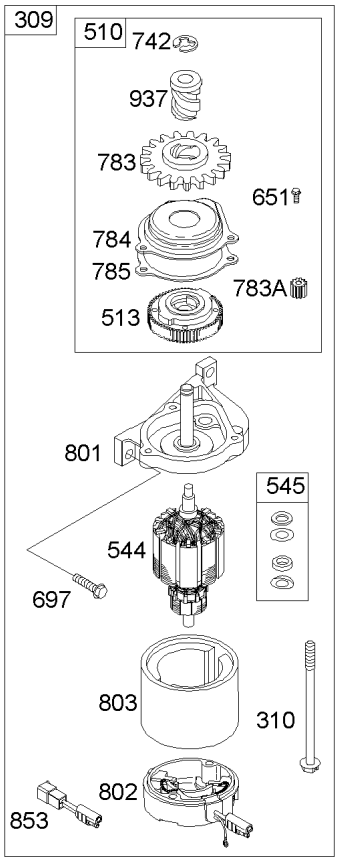
Ref	Part No.	Qty.	Description
❼23	696569	1	Flywheel
❼65	690837	1	Screw (Rewind Starter)
❼304	499677	1	Housing–blower
❼305	690960	1	Screw
❼332	690662	1	Nut Flywheel)
❼363	19069	1	Puller–flywheel
❼455	695161	1	Cup/screen ASM
❼474	691991	1	Alternator
❼592	690800	1	Nut (Rewind Starter)
❼910	691094	1	Stud (Alternator)
❼921	692699	1	Cover–blower Housing
❼930	692691	1	Guard–rewind
❼969	691138	1	Screw Blower Housing Cover)
❼1005	691346	1	Fan–flywheel
❼1036	696767	1	Label–emission
❼1119	691648	1	Screw Brake)



Assemblies include all parts shown in frames.

Recoil Starter Assembly
Briggs and Stratton 122607-0116-E1

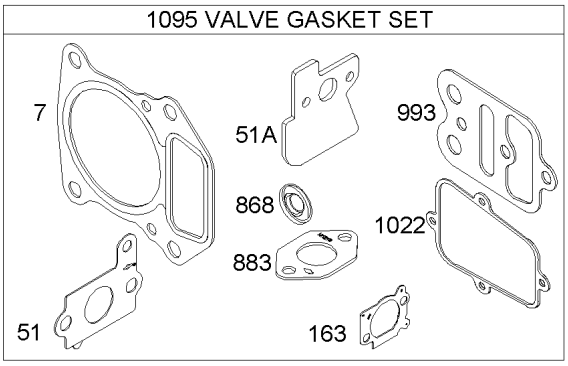
Ref	Part No.	Qty.	Description
❼55	691421	1	Housing–rewind Starter
❼58	280399	1	Rope–starter (Cut To Required Length)
❼60	281434	1	Grip–starter Rope
❼65	690837	1	Screw (Rewind Starter)
❼456	692299	1	Plate–pawl Friction
❼459	281505	1	Ratchet–pawl
❼592	690800	1	Nut (Rewind Starter)
❼597	691696	1	Screw (Pawl Friction Plate)
❼608	497680	1	Starter–rewind
❼689	691855	1	Spring–friction
❼1210	498144	1	Pulley/spring ASM (Spring)
❼1211	498144	1	Pulley/spring ASM (Spring)

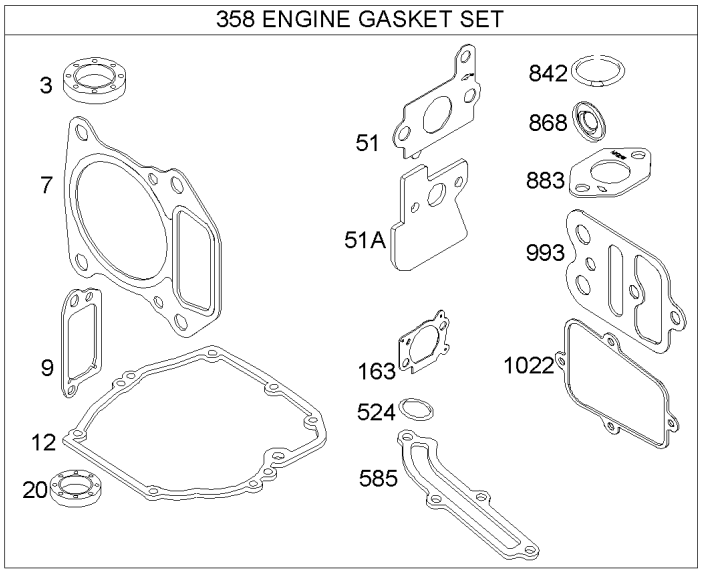


Assemblies include all parts shown in frames.

Starter Assembly
Briggs and Stratton 122607-0116-E1

Ref	Part No.	Qty.	Description
❼309	695550	1	Motor–starter
❼310	692327	1	Bolt (Starter Motor)
❼510	494147	1	Drive–starter
❼513	692358	1	Clutch–drive
❼544	690786	1	Armature–starter
❼545	492919	1	Washer Set
❼651	690345	1	Screw (Cylinder Shield)
❼697	691127	1	Screw (Starter Motor)
❼742	93941	1	Retainer–e Ring
❼783	691918	1	Gear–pinion
❼783A	691269	1	Gear–pinion
❼784	692341	1	Cover–starter Gear
❼785	692352	1	Gasket–starter Cover
❼801	690782	1	Cap–drive
❼802	695267	1	Cap–end
❼803	695266	1	Housing–starter
❼853	695268	1	Adapter–wire
❼937	691325	1	Spline–starter

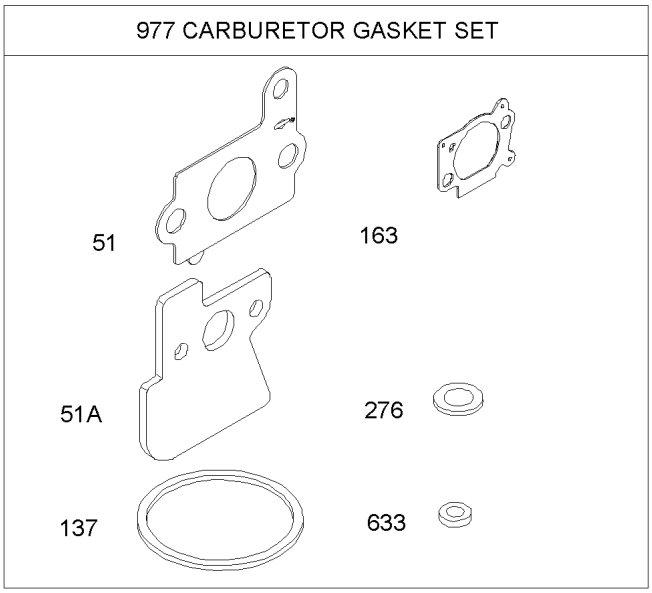


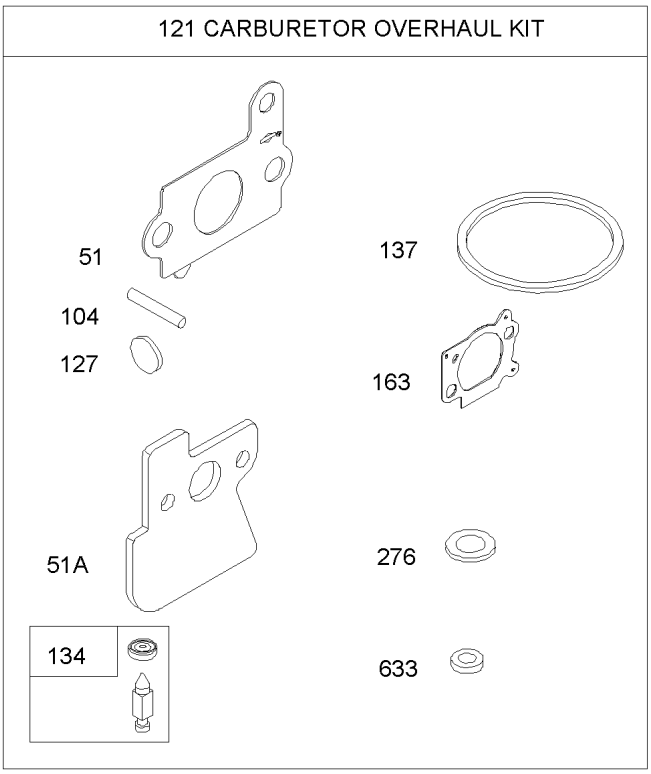


Assemblies include all parts shown in frames.

Gasket Assembly
Briggs and Stratton 122607-0116-E1

Ref	Part No.	Qty.	Description
❸❼3	299819	1	Seal–oil Magneto Side)
❸❻7 ❼	695166	1	Cylinder Head Gasket
❸❼9	272481	1	Gasket–breather
❸❼12	692232	1	Gasket–crankcase (.015 Thick, Std.)
❸❼20	399781	1	Seal–oil
❸❹51 ❻❼	692668	1	Gasket–intake
❸❹51A ❻❼	692799	1	Gasket–intake
❸❹163 ❻❼	691894	1	Gasket–air Cleaner
❼358	694090	1	Gasket Set–engine
❸❼524	692296	1	Dipstick Tube Seal
❸❼585	691879	1	Gasket–breather Passage
❸❼842	691031	1	Seal-O Ring Seal (Dipstick Tube)
❸❻868 ❼	692044	1	Valve Seal
❸❻883 ❼	691893	1	Exhaust Gasket
❸❻993 ❼	694088	1	Cylinder Head Plate Gasket
❸❻1022 ❼	691890	1	Rocker Cover Gasket
❼1095	694091	1	Gasket Set–valve





Assemblies include all parts shown in frames.

Carburetor Overhaul Kit Assembly
Briggs and Stratton 122607-0116-E1

Ref	Part No.	Qty.	Description
❸❹51 ❻❼	692668	1	Gasket–intake
❸❹51A ❻❼	692799	1	Gasket–intake
❹❼104	691242	1	Pin–float Hinge
❼121	692703	1	Kit–carburetor Overhaul
❹❼127	694468	1	Plug–welch
❹❼134	398188	1	Kit–needle/seat
❹❺137 ❼	693981	1	Gasket–float Bowl
❸❹163 ❻❼	691894	1	Gasket–air Cleaner
❹❺276 ❼	271716	1	Washer–sealing
❹❺633 ❼	691321	1	Seal–choke/throttle Shaft
❼977	692704	1	Gasket Set–carburetor

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