



53cm Recycler Mower

Model No. 20781–220000001 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.

Contents

Description	Page	Description	Page
Deck and Wheel Assembly	4	Air Cleaner Assembly	
Housing Assembly No. 105–1309	5	Briggs and Stratton Model 12H802–1720–B1	16
Gear Case Assembly No. 104–7618	6	Governor Assembly	
Gear Case and Wheel Assembly	7	Briggs and Stratton Model 12H802–1720–B1	17
Engine and Blade Assembly	8	Muffler and Fuel Tank Assembly	
Handle and Control Assembly	9	Briggs and Stratton Model 12H802–1720–B1	18
Rear Bag Discharge Chute Assembly	10	Blower Housing Assembly	
Rear Grass Bag Assembly No. 11–0189	11	Briggs and Stratton Model 12H802–1720–B1	19
Cylinder Assembly		Starter Assembly	
Briggs and Stratton Model 12H802–1720–B1	12	Briggs and Stratton Model 12H802–1720–B1	20
Crankshaft Assembly		Gasket Assembly	
Briggs and Stratton Model 12H802–1720–B1	13	Briggs and Stratton Model 12H802–1720–B1	21
Crankcase Assembly		Carburetor Overhaul Kit Assembly	
Briggs and Stratton Model 12H802–1720–B1	14	Briggs and Stratton Model 12H802–1720–B1	22
Carburetor Assembly			
Briggs and Stratton Model 12H802–1720–B1	15		

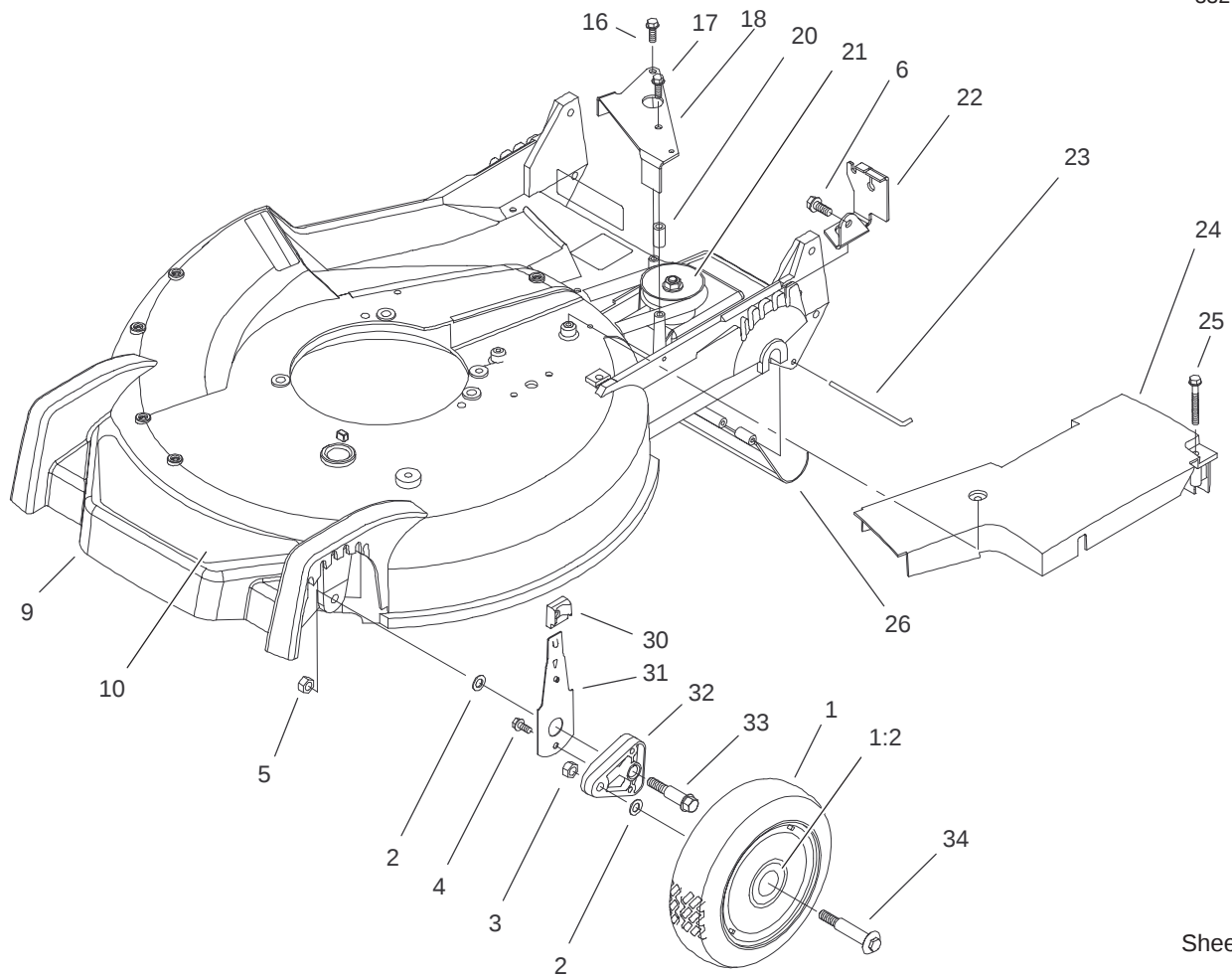
Accessories

Description	Model / Part No.	Description	Model / Part No.
Side Discharge Kit	59113	Traction Assist Handle	59196
Dethatcher Kit	59131		

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

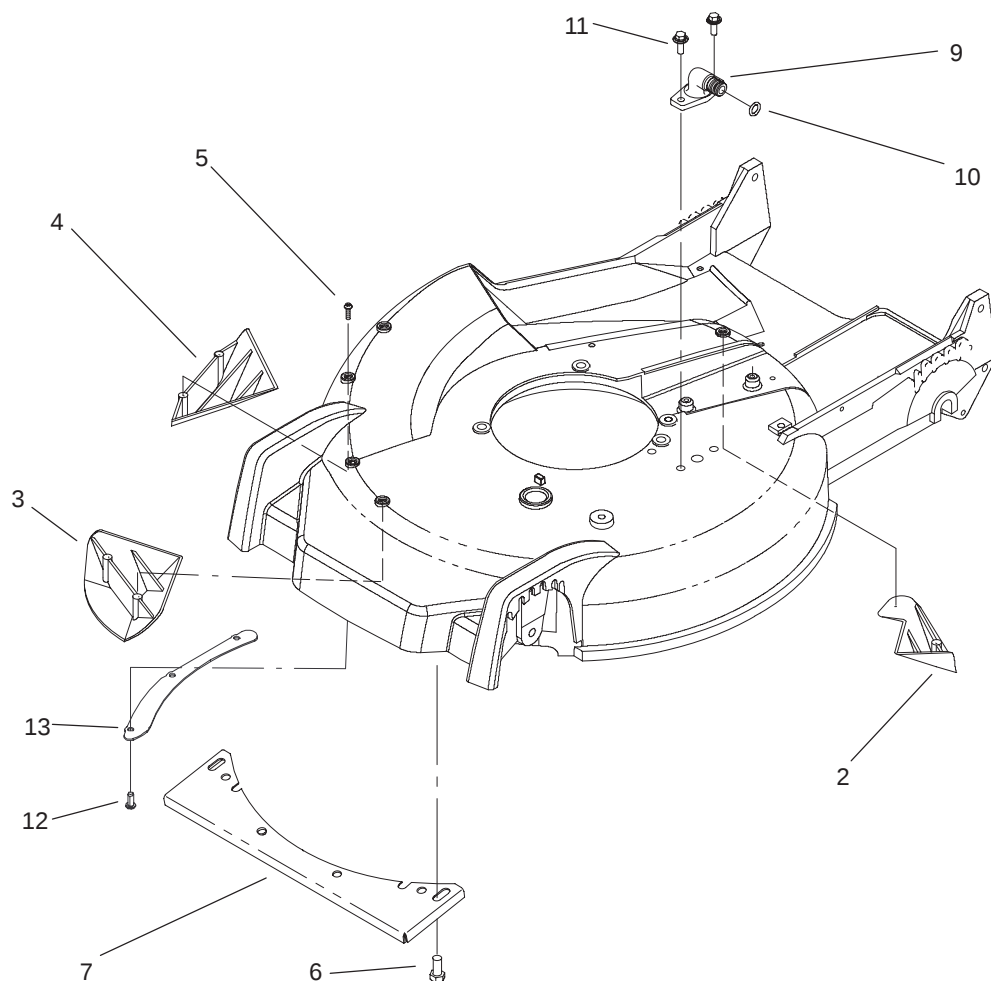
Abbreviation	Meaning	Abbreviation	Meaning
AR	as required	HYD	hydraulic
ASM	assembly	INC	incorporated
CARR	carriage	LH	left hand
DEG	degrees	NI	nylon insert
FH	flat head	PPH	Phillips pan head
GA	gauge	PTH	Phillips truss head
HF	hex flange	PTO	power take off
HH	hex head	RH	right hand
HHF	hex head flange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



Sheet No.:2

Deck and Wheel Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	100-1516	2	Wheel ASM	33	66-0560	2	Bolt-Shoulder
1:2	27-6250	2	Bushing	34	92-1057	2	Bolt-Shoulder
2	40-1940	4	Washer				
3	603773	2	Nut				
4	32144-85	2	Screw-HH				
5	3296-6	2	Nut-Lock, NI				
6	32144-70	5	Screw-HH				
9	105-1309	1	Housing				
10	100-5953	1	Decal-Deck				
16	49-2040	1	Screw-Tapping				
17	92-1616	1	Screw-HWHTF				
18	99-1513-03	1	Bracket-Transmission				
20	614673	1	Bushing-Plate, Actuator				
21	104-7618	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	2	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				

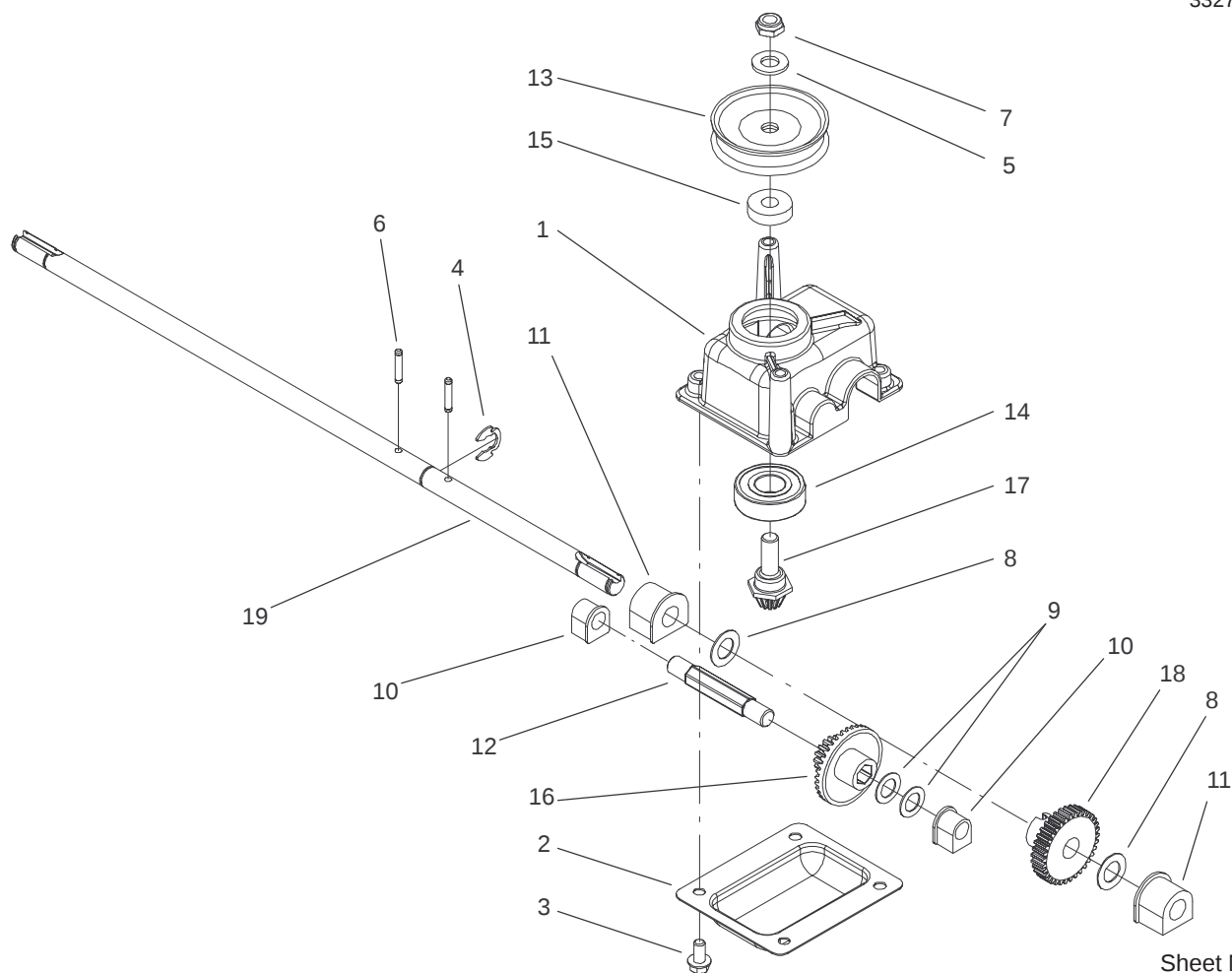


Sheet No.:A1

Housing Assembly No. 105-1309

Ref. No.	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

Ref. No.	Part No.	Qty.	Description

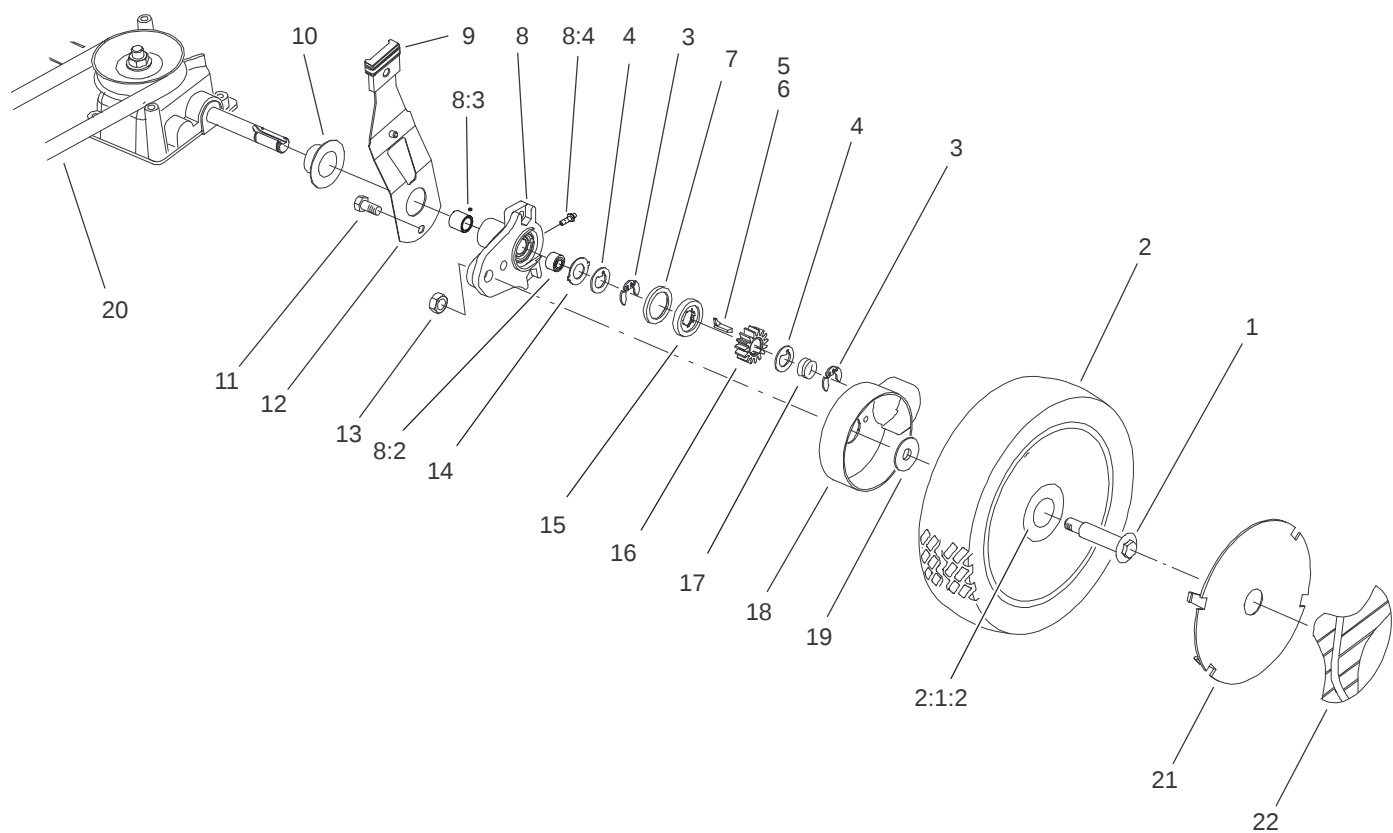


Sheet No.:A2

Gear Case Assembly No. 104-7618

Ref. No.	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-Output
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	104-7673	1	Shaft-Output

Ref. No.	Part No.	Qty.	Description



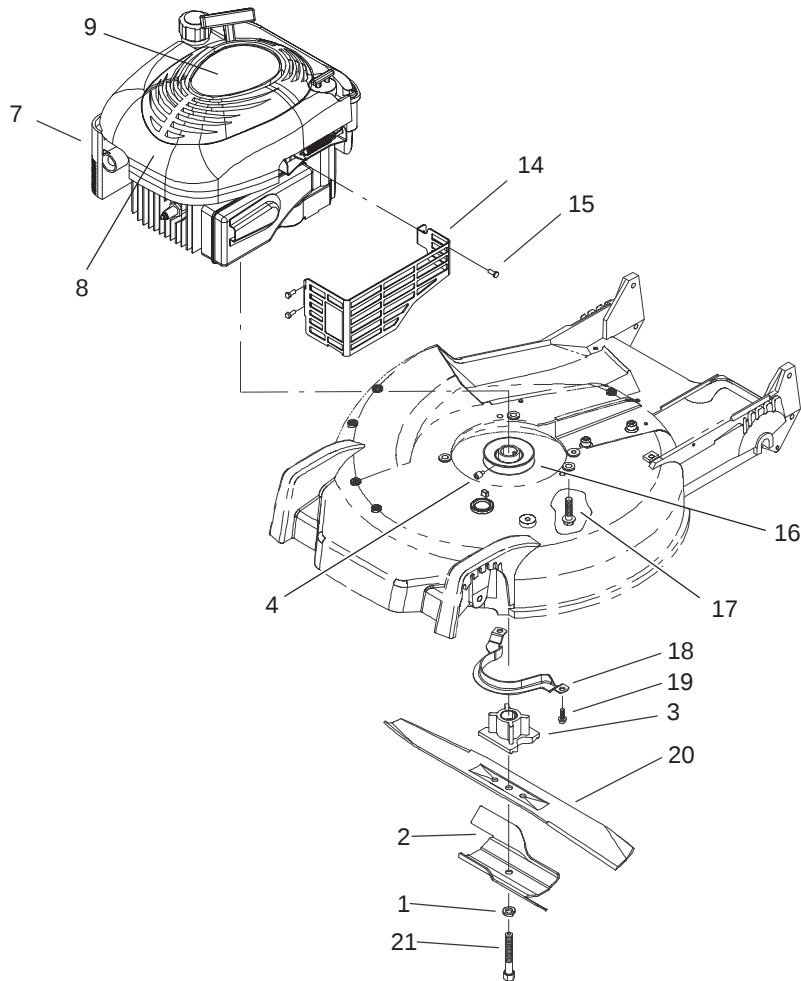
Sheet No.:3

Gear Case and Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	92-1057	2	Bolt-Shoulder
2	100-5955	2	Wheel ASM
☆2:1		1	Wheel ASM
2:1:2	27-6250	2	Bushing
3	65-2720	4	Ring-Klip
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-Zerk
9	25-7740	2	Knob-Arm
10	42-3520	2	Cap-End
11	32144-85	2	Screw-HH
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
20	99-1598	1	V-Belt

Ref. No.	Part No.	Qty.	Description
21	100-6351	1	Cover-Wheel
22	100-1519	1	Label-Wheel, Smart

☆ Not serviced separately



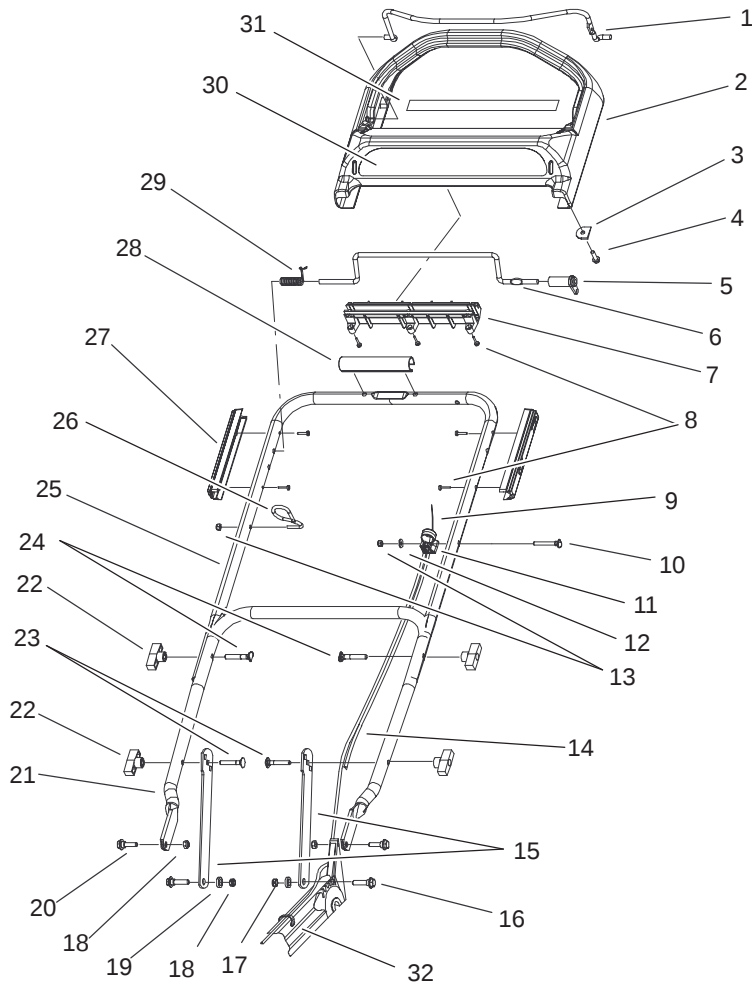
Sheet No.:4

Engine and Blade Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3253-22	1	Washer-Lock				
2	94-1608-03	1	Accelerator-Blade				
3	104-1007	1	Retainer-Blade				
4	104-0214	1	Screw-Set				
☆7		1	Engine-Quantum 6.0, (Briggs & Stratton 12h802-1720-B1)				
8	98-3206	1	Decal-Toro Logo				
9	105-8572	1	Decal-Recoil				
10	2210-316	1	Stop-Rope				
14	104-7577-03	1	Shield-Muffler				
15	32144-1	3	Screw-Taptite				
16	100-1102	1	Pulley ASM				
17	32144-102	3	Screw-HWH				
18	99-1526-03	1	Guide-Belt				
19	32144-70	2	Screw-HH				
20	93-4106-03	1	Blade-Recycler				
21	95-1748	1	Screw-Blade				
*23	32144-4	1	Screw-HWH				
*24	99-0905	1	Guard-Flywheel				

☆ Not serviced separately

* Not illustrated

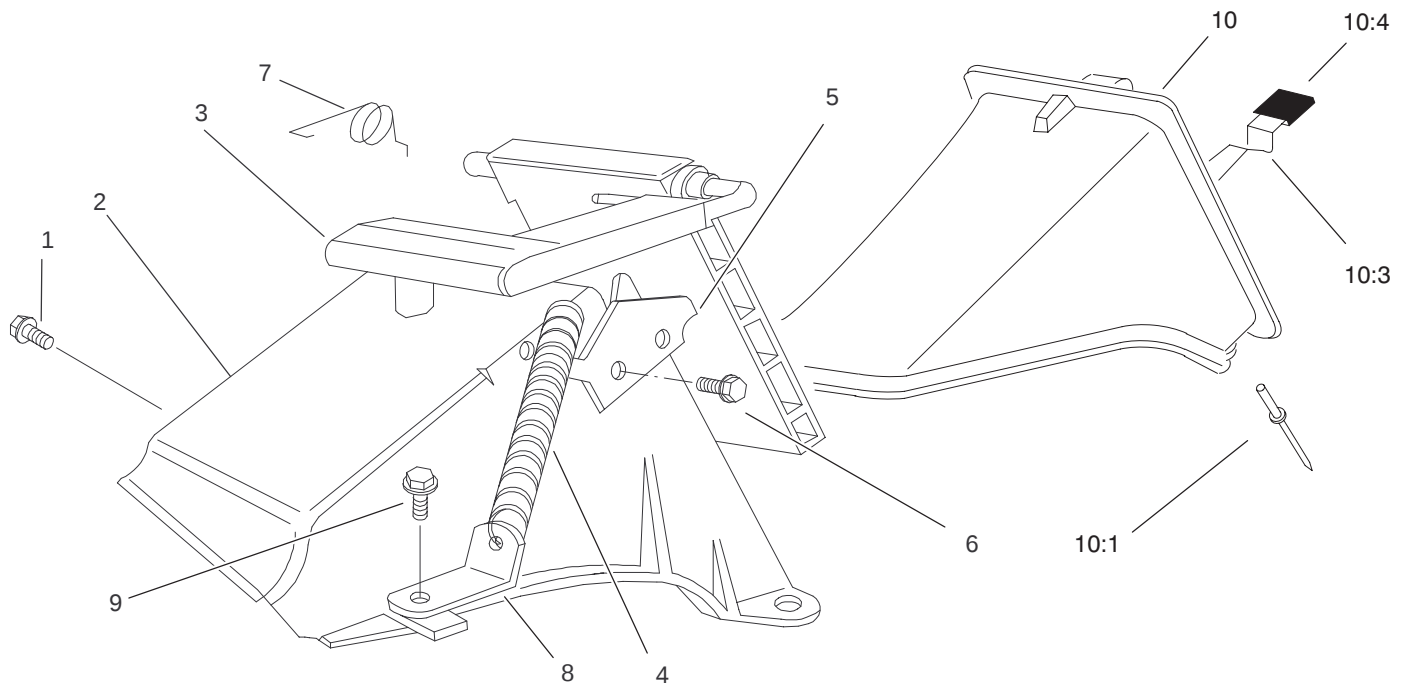


Sheet No.:5

Handle and Control Assembly

Ref. No.	Part No.	Qty.	Description
1	99-1593-03	1	Bail-Brake
2	99-1582	1	Handle-Control
3	99-1595	1	Retainer-Cable, Brake
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-Handle
11	99-5239	1	Anchor-Cable
12	3256-1	1	Washer-Flat
13	3296-73	2	Nut-Lock, NI
14	99-1584	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, NI
19	3-3287	2	Spacer-Latch, Handle
20	27-7211	2	Screw-Shoulder
21	99-5249-05	1	Handle-Lower
22	98-7134	4	Knob-Handle
23	99-6019	2	Screw-CARR
24	92-2260	2	Screw-Handle
25	99-1596-05	1	Handle-Upper

Ref. No.	Part No.	Qty.	Description
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	100-5950	1	Decal-Automatic
31	93-6655	1	Decal-Panel, Rear
32	100-2894	1	Tie-Cable

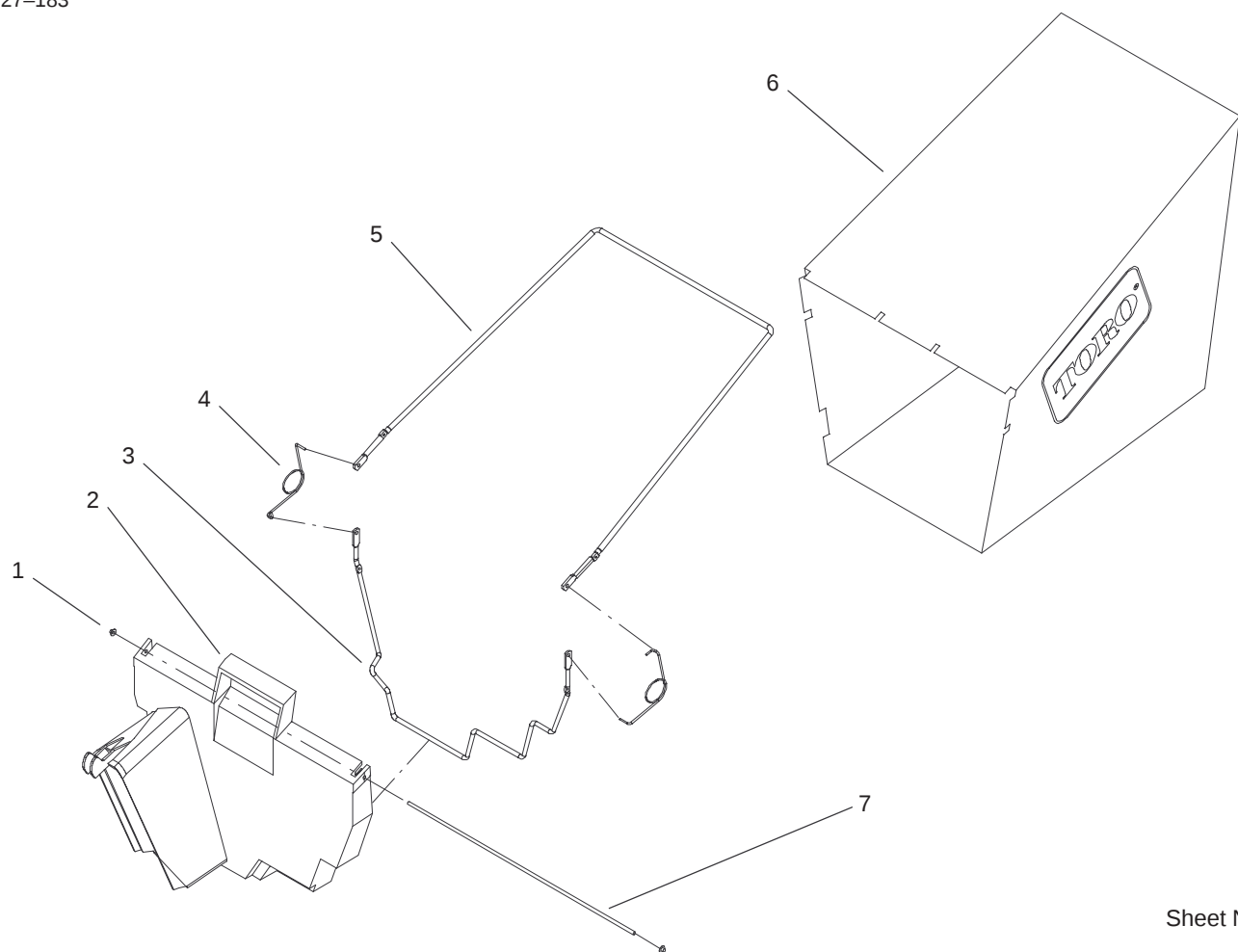


Sheet No.:8

Rear Bag Discharge Chute Assembly

Ref. No.	Part No.	Qty.	Description
1	46-6810	1	Screw And Washer ASM
2	82-9151	1	Tunnel-Discharge
3	93-7351	1	Discharge Door ASM
4	76-4660	1	Spring-Door
5	93-3154	1	Latch-Plate
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

Ref. No.	Part No.	Qty.	Description

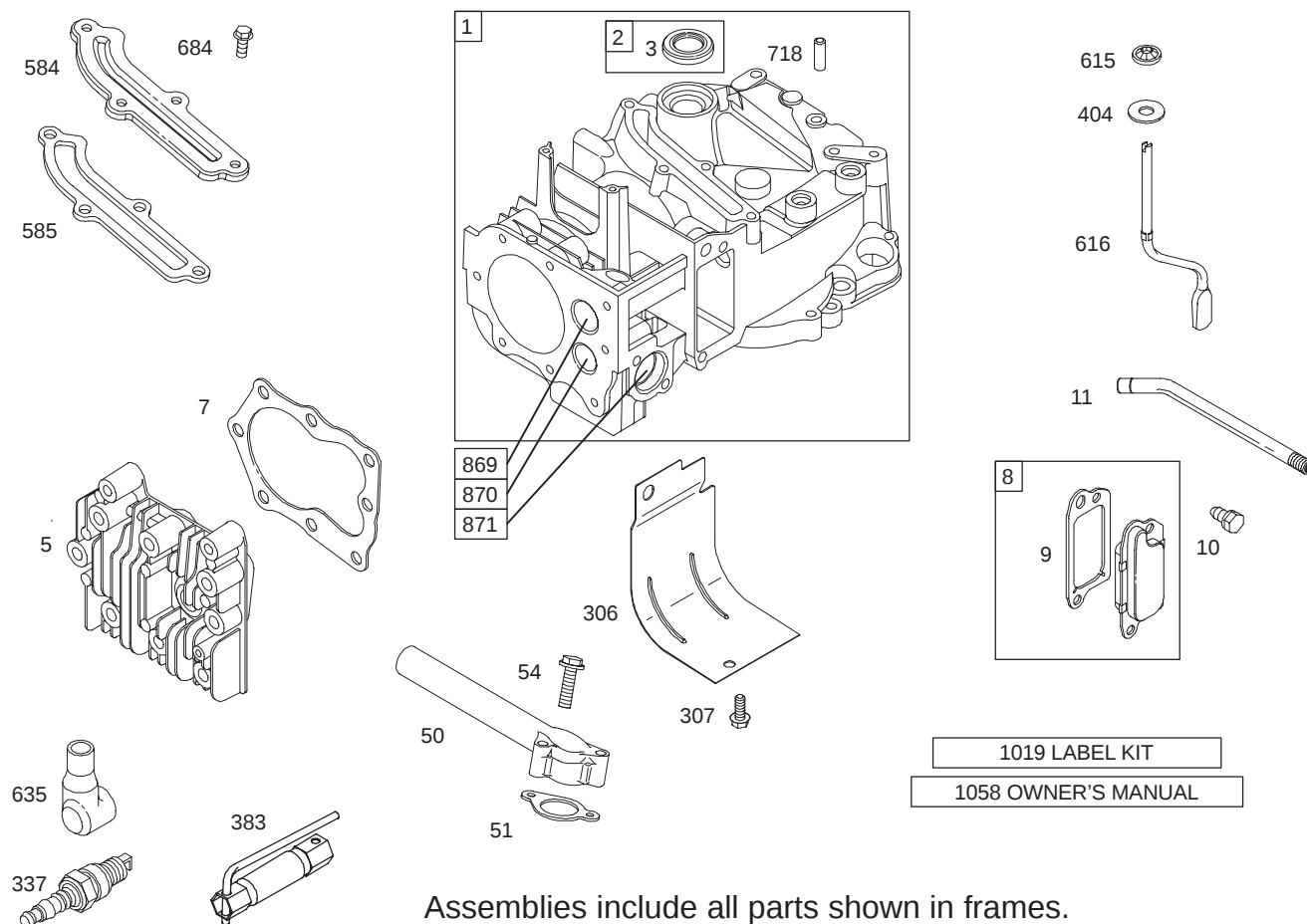


Sheet No.:9

Rear Grass Bag Assembly No. 11-0189

Ref. No.	Part No.	Qty.	Description
1	3290-422	2	Nut-Push
2	37-1393	1	Door-Bag
3	42-4020	1	Frame-Bag
4	36-6910	2	Spring
5	42-4030	1	Frame-Bag, Upper
6	44-0524	1	Grass Bag
7	33-4820	1	Hinge-Door, Bag

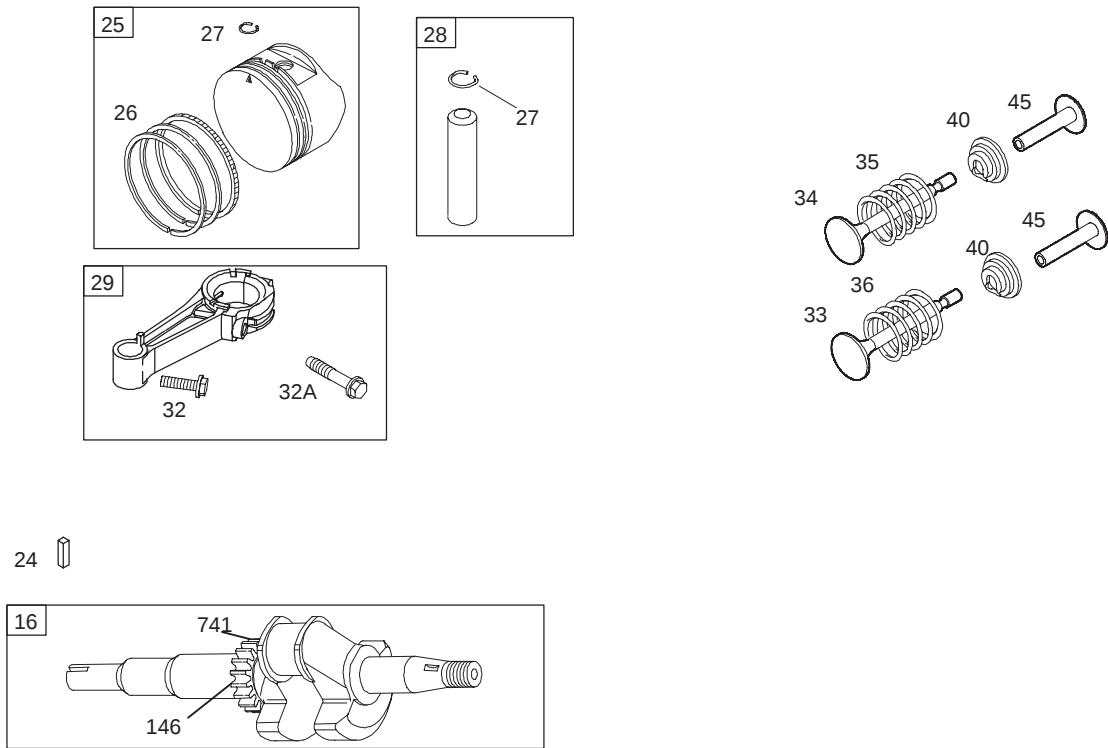
Ref. No.	Part No.	Qty.	Description



Cylinder Assembly Briggs and Stratton Model 12H802-1720-B1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	493260	1	Cylinder Assembly	616	691308	1	Crank-Governor
2	293708	1	Kit-Bushing/Seal	584	692342	1	Cover-Breather
★3	299819	1	Seal-Oil (Magneto Side)	★585	691879	1	Gasket-Breather
5	691160	1	Head-Cylinder	635	66538	1	Boot-Spark Plug
★7	692249	1	Gasket-Cylinder Head	684	690345	1	Screw (Breather Passage
8	695250	1	Breather Assembly				Cover)
9	696125	1	Gasket-Breather	718	690959	1	Pin-Locating
10	691125	1	Screw (Breather Assembly)	869	691155	1	Seat-Valve (Intake)
11	691781	1	Tube-Breather	870	690380	1	Seat-Valve (Exhaust)
50	497465	1	Manifold-Intake	871	262001	1	Bushing-Guide (Exhaust)
★51	272199	1	Gasket-Intake		63709	1	Bushing-Guide (Intake)
54	691650	1	Screw (Intake Manifold)	1019	494256	1	Kit-Label
306	690450	1	Cylinder Shield	1058	274978	1	Owner's Manual
307	690345	1	Screw (Cylinder Shield)				
337	802592	1	Plug-Spark				
383	89838	1	Wrench-Sparkplug				
404	690272	1	Washer (Governor Crank)				
615	690340	1	Retainer-Governor Shaft				

★ Included in Engine Gasket Set-Ref. 358.

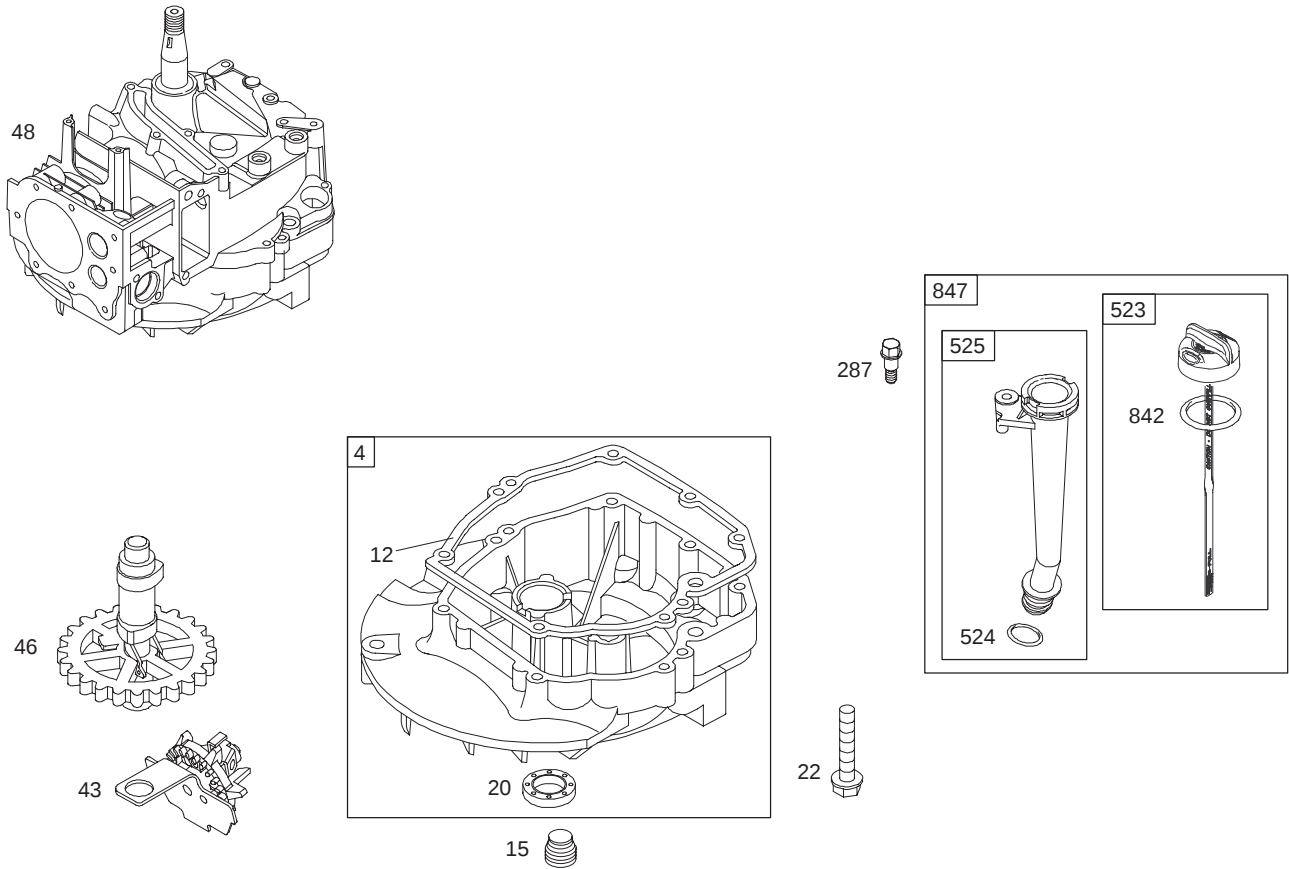


Assemblies include all parts shown in frames.

Crankshaft Assembly

Briggs and Stratton Model 12H802-1720-B1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
16	696009	1	Crankshaft	32	691664	1	Screw
24	222698	1	Flywheel Key				(Connecting Rod)
25	499429	1	Piston Assembly	32A	695759	1	Screw
			(Standard)				(Connecting Rod)
	499430	1	Piston Assembly	33	262651	1	Exhaust Valve
			(.010" Oversize)	34	262652	1	Intake Valve
	499431	1	Piston Assembly	35	691270	1	Valve Spring (Intake)
			(.020" Oversize)	36	691270	1	Valve Spring (Exhaust)
	499432	1	Piston Assembly	40	692194	1	Valve Retainer
			(.030" Oversize)	45	691811	1	Tappet-Valve
26	499425	1	Ring Set	146	690979	1	Timing Key
			(Standard)	741	691830	1	Timing Gear
	499426	1	Ring Set				
			(.010" Oversize)				
	499427	1	Ring Set				
			(.020" Oversize)				
	499428	1	Ring Set				
			(.030" Oversize)				
27	691866	1	Piston Pin Lock				
28	499423	1	Piston Pin (Standard)				
	298908	1	Piston Pin				
			(.005" Oversize)				
29	499424	1	Connecting Rod				
			(Standard)				



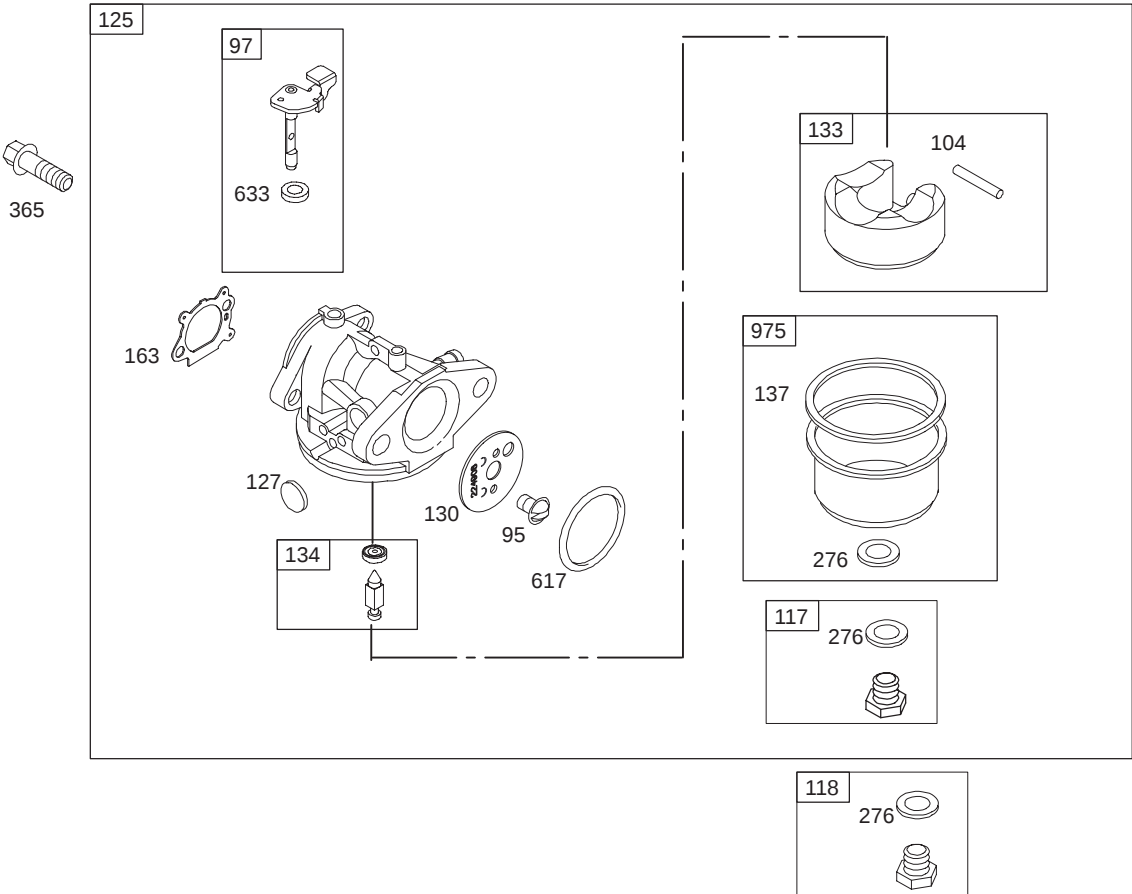
Assemblies include all parts shown in frames.

Crankcase Assembly

Briggs and Stratton Model 12H802-1720-B1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
4	493279	1	Sump-Engine				
★12	692232	1	Gasket-Crankcase (.015 Thick, Std.)				
15	691680	1	Plug-Oil Drain				
★20	399781	1	Seal-Oil				
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 (Dipstick Tube)				
523	499621	1	Dipstick				
★524	692296	1	Dipstick Tube Seal				
525	495265	1	Dipstick Tube				
★842	691031	1	O-Ring Seal (Dipstick Tube)				
847	692047	1	Dipstick/ Tube Assembly				

★ Included in Engine Gasket Set-Ref. 358.



Assemblies include all parts shown in frames.

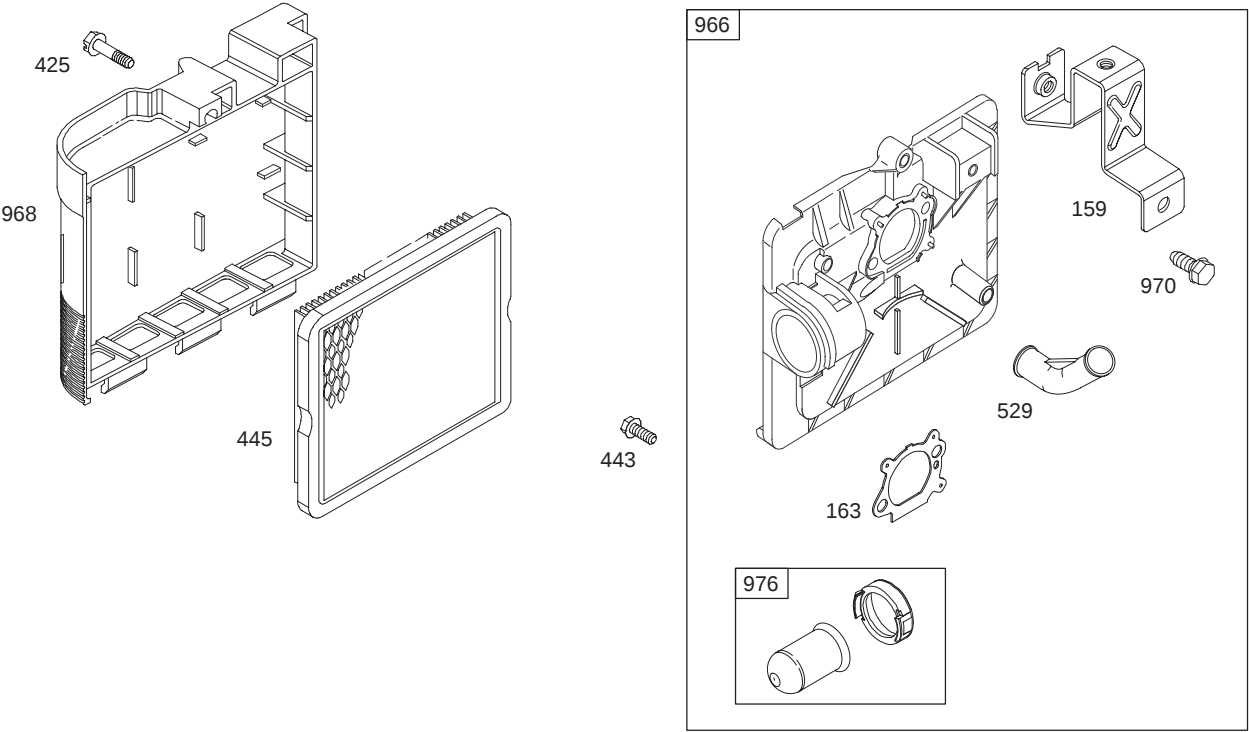
Carburetor Assembly
Briggs and Stratton Model 12H802-1720-B1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
95	691636	1	Screw (Throttle Valve)				
97	696565	1	Shaft-Throttle				
●104	691242	1	Pin-Float Hinge				
117	498978	1	Jet-Main (Standard)				
118	497466	1	Jet-Main (High Altitude)				
125	498170	1	Carburetor				
●127	694468	1	Plug-Welch				
130	696564	1	Valve-Throttle				
133	398187	1	Float-Carburetor				
●134	398188	1	Kit-Needle/Seat				
●◆137	693981	1	Gasket-Float Bowl				
★●◆163	272653	1	Gasket-Air Cleaner				
●276	271716	1	Washer-Sealing				
365	692524	1	Screw (Carburetor)				
●◆617	270344	1	Seal-O Ring (Intake Manifold)				
●◆633	691321	1	Seal-Choke/Throttle Shaft				
975	493640	1	Bowl-Float				

● Included in Carburetor Overhaul Kit-Ref. 121.

★ Included in Engine Gasket Set-Ref. 358.

◆ Included in Carburetor Gasket Set-Ref. 977.



Assemblies include all parts shown in frames.

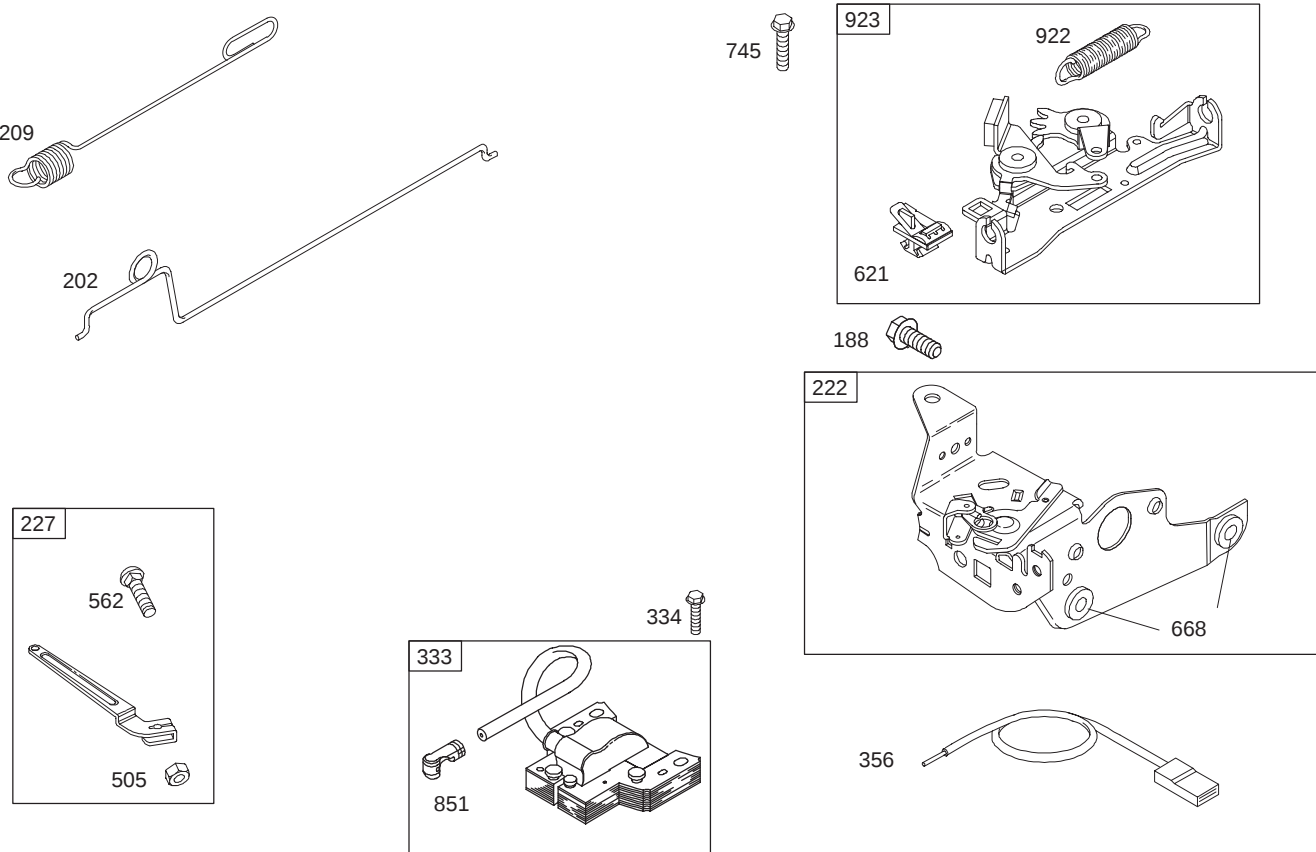
Air Cleaner Assembly

Briggs and Stratton Model 12H802-1720-B1

Ref. No.	Part No.	Qty.	Description
159	691753	1	Bracket-Air Cleaner Primer
★◆163	272653	1	Gasket-Air Cleaner
425	690670	1	Screw (Air Cleaner Cover)
443	692523	1	Screw (Air Cleaner Primer Base)
445	491588	1	Filter-Air Cleaner Cartridge
529	691923	1	Grommet
966	496116	1	Base-Air Cleaner Primer
968	692298	1	Cover-Air Cleaner
970	691669	1	Screw (Air Cleaner Primer Bracket)
976	694395	1	Primer-Carburetor

Ref. No.	Part No.	Qty.	Description

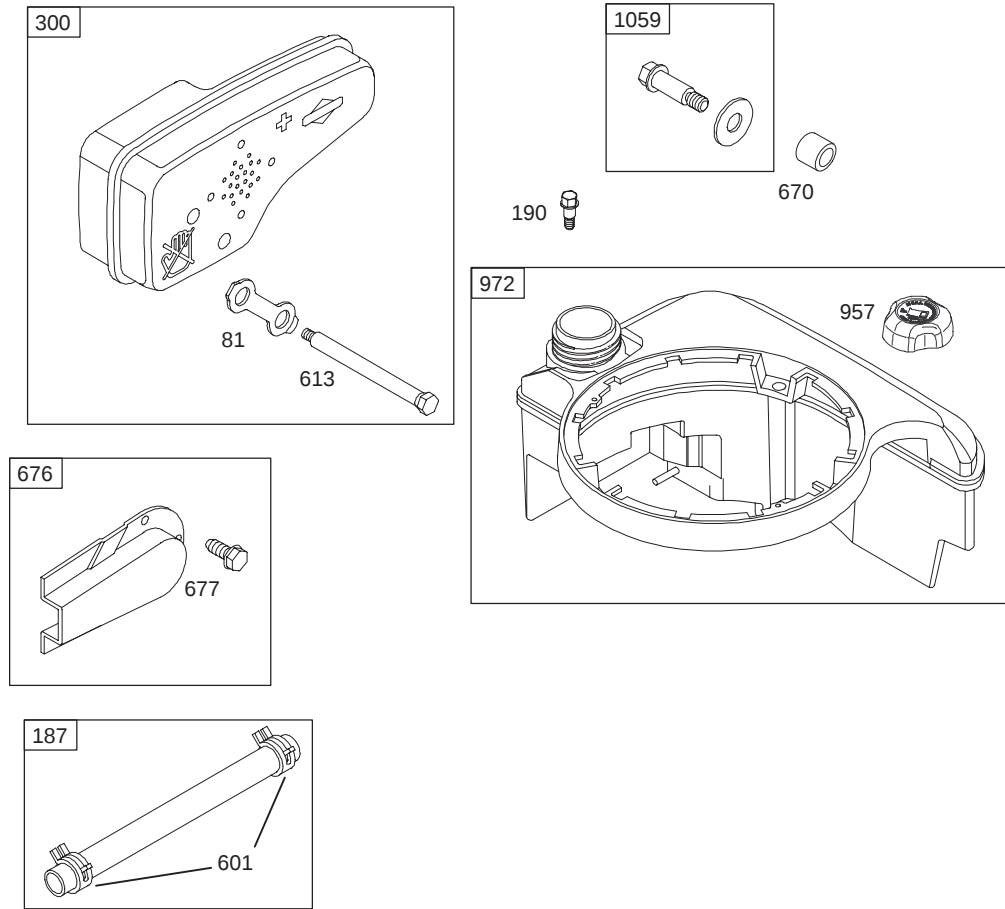
● Included in Carburetor Overhaul Kit-Ref. 121.
★ Included in Engine Gasket Set-Ref. 358.
◆ Included in Carburetor Gasket Set-Ref. 977.



Assemblies include all parts shown in frames.

Governor Assembly
Briggs and Stratton Model 12H802-1720-B1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
188	690877	1	Screw (Control Bracket)				
202	691829	1	Link-Mechanical Governor				
209	691852	1	Spring-Governor				
222	692467	1	Bracket-Control				
227	690783	1	Lever-Governor Control				
333	802574	1	Armature-Magneto				
334	691061	1	Screw (Magneto Armature)				
356	692390	1	Wire-Stop				
505	231082	1	Nut (Governor Control Lever)				
562	92613	1	Bolt (Governor Control Lever)				
621	692310	1	Switch-Stop				
668	493823	1	Spacer				
745	691648	1	Screw (Brake)				
851	493880	1	Terminal-Spark Plug				
922	691831	1	Spring-Brake				
923	691994	1	Brake				

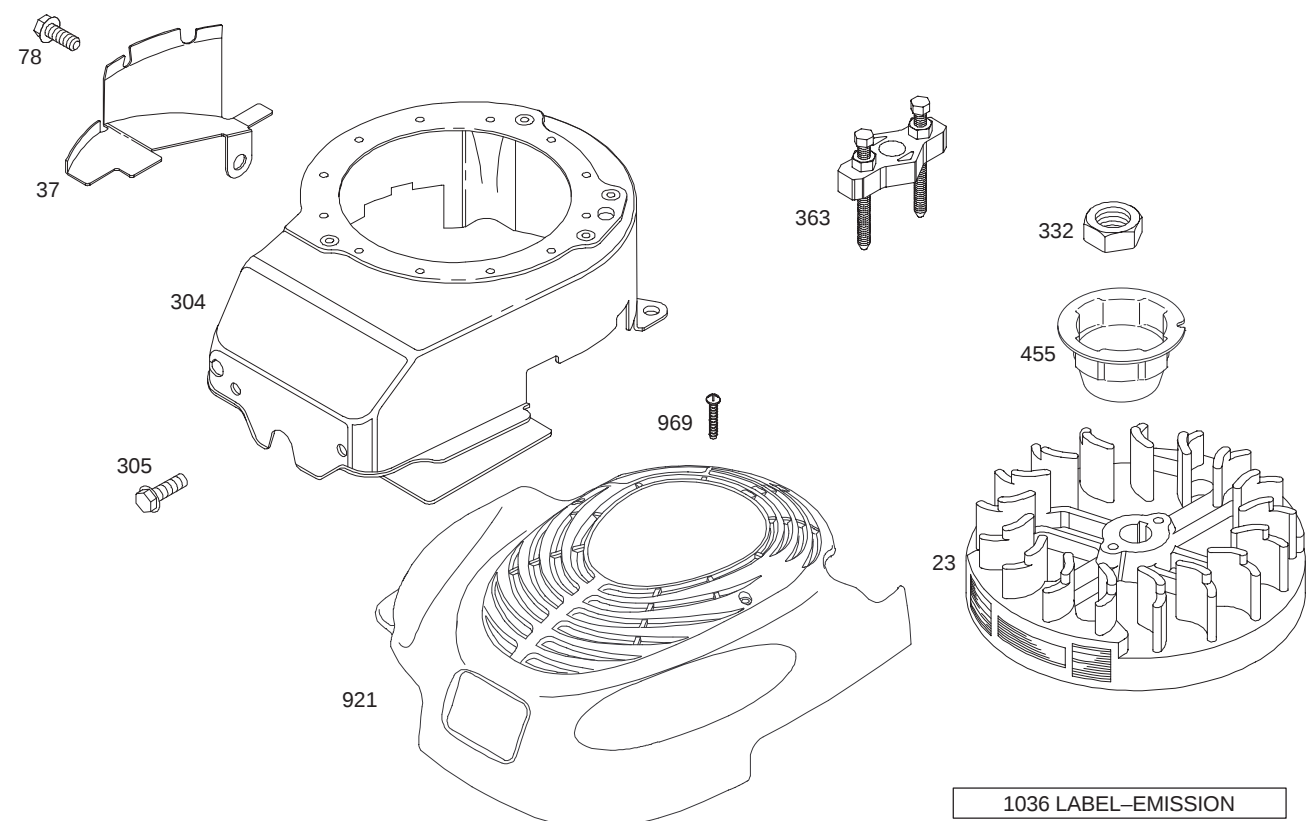


Assemblies include all parts shown in frames.

Muffler and Fuel Tank Assembly

Briggs and Stratton Model 12H802-1720-B1

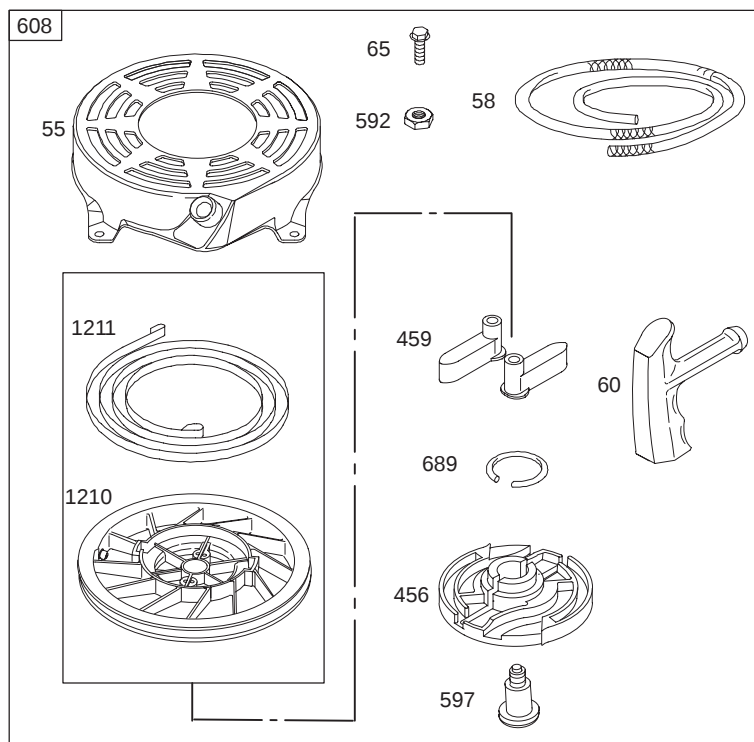
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
81	691740	1	Lock-Muffler Screw				
187	691050	1	Line-Fuel (Cut to Required Length)				
190	690940	1	Screw (Fuel Tank)				
300	692038	1	Muffler				
601	95162	1	Clamp-Hose				
613	691340	1	Screw (Muffler)				
670	692294	1	Spacer-Fuel 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				



Assemblies include all parts shown in frames.

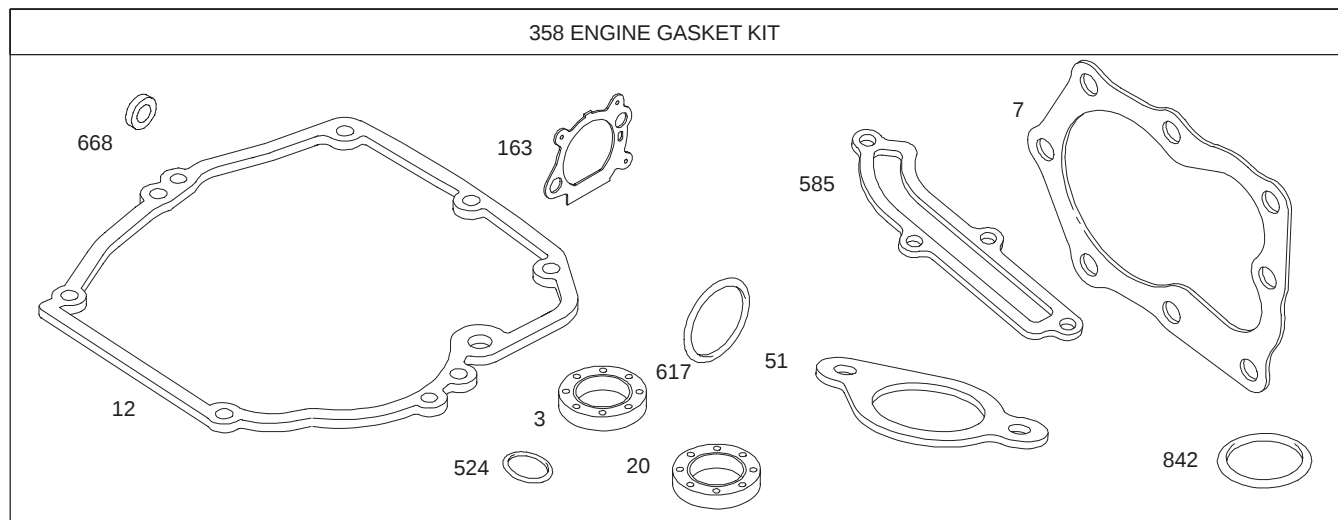
Blower Housing Assembly
Briggs and Stratton Model 12H802-1720-B1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
23	692315	1	Flywheel				
37	694086	1	Guard-Flywheel				
78	691108	1	Screw				
			(Flywheel Guard)				
304	493293	1	Housing-Blower				
305	691108	1	Screw				
			(Blower Housing)				
332	690877	1	Nut				
			(Flywheel)				
363	19069	1	Puller-Flywheel				
455	695161	1	Cup-Flywheel				
921	697343	1	Cover-Blower Housing				
969	690700	1	Screw				
			(Blower Housing Cover)				
1036	695111	1	Label-Emission				



Starter Assembly Briggs and Stratton Model 12H802-1720-B1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
55	691421	1	Housing-Rewind Starter				
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 (Pulley)				
1211	498144	1	Pulley/Spring Assembly (Spring)				



Assemblies include all parts shown in frames.

Gasket Assembly

Briggs and Stratton Model 12H802-1720-B1

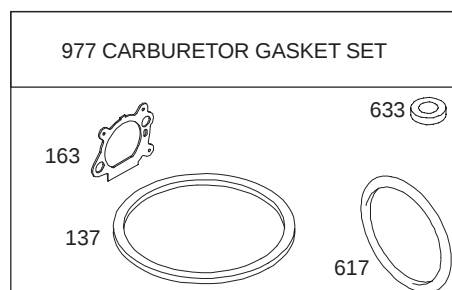
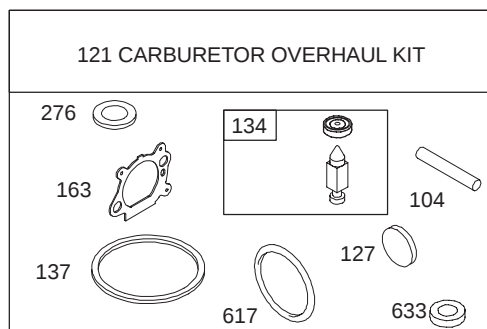
Ref. No.	Part No.	Qty.	Description
★3	299819	1	Seal—Oil (Magneto Side)
★7	692249	1	Gasket—Cylinder Head
★12	692232	1	Crankcase Gasket (.015 Thick, Standard)
★20	399781	1	Seal—Oil (PTO Side)
★△51	272199	1	Gasket—Intake
★●◆163	272653	1	Gasket—Air Cleaner
358	497316	1	Gasket Set—Engine
★524	692296	1	Seal—O Ring (Dipstick Tube)
★585	691879	1	Gasket—Breather Passage
★●◆617	270344	1	Seal—O Ring (Intake Manifold)
★668	493823	1	Spacer
★842	691031	1	Seal—O Ring (Dipstick)

Ref. No.	Part No.	Qty.	Description

- Included in Carburetor Overhaul Kit—Ref. 121.

★ Included in Engine Gasket Set—Ref. 358.

◆ Included in Carburetor Gasket Set—Ref. 977.



Assemblies include all parts shown in frames.

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

Ref. No.	Part No.	Qty.	Description
●104	691242	1	Pin—Float Hinge
121	498260	1	Kit—Carburetor Overhaul
●127	694468	1	Plug—Welch
●134	398188	1	Kit—Needle/Seat
●◆137	693981	1	Gasket—Float Bowl
★●◆163	272653	1	Gasket—Air Cleaner
●276	271716	1	Washer—Sealing
★●◆617	270344	1	Seal—O Ring (Intake Manifold)
●◆633	691321	1	Seal—Choke/Throttle Shaft
977	498261	1	Gasket Set—Carburetor

- Included in Carburetor Overhaul Kit—Ref. 121.
- ★ Included in Engine Gasket Set—Ref. 358.

- ◆ Included in Carburetor Gasket Set—Ref. 977.

Maintenance Record

[illegible]

Maintenance Record

[illegible]

