



48cm Recycler[®]/Rear Bagging Lawnmower

Model No. 20816 - 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.

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.

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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
HHFTF.	hex head flange thread forming	SHH.	slotted hex head
HJ.	hex jam	SHWH.	slotted hex washer head
HLH.	hex lag head	SPH.	slotted pan head
HOC.	height-of-cut	SQH.	square head
HS.	hex	SRH.	slotted round head
HSBH.	hex socket button head	STD.	standard
HSFH.	hex socket flat head	TAP.	self tapping
HSH.	hex socket head	TTH.	torx truss head
HWH.	hex washer head	WH.	wing head
HWHTF.	hex washer head thread forming		

Footnotes

- ❶

Not serviced separately
- ❷

Included in Engine Gasket Set-Ref. 358.
- ❸

Included in Valve Gasket Set-Ref. 1095.
- ❹

Included in Carburetor Overhaul Kit-Ref. 121.
- ❺

Included in Carburetor Gasket Set-Ref. 977
- ❻

Obtain Parts from Briggs and Stratton

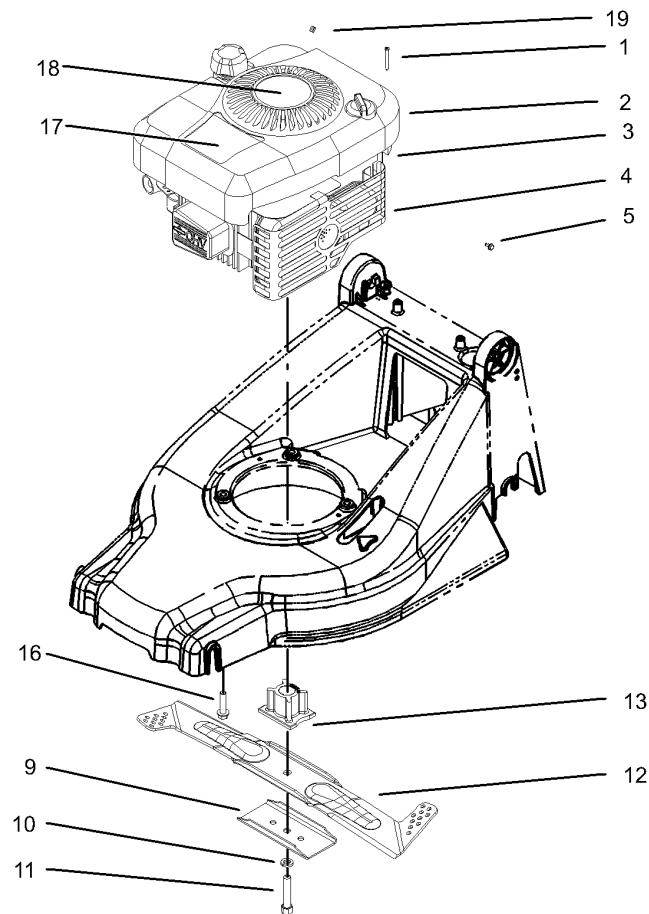
Contents

Description	Page	Description	Page
Deck and Kicker Assembly	 3	Governor Assembly Briggs and Stratton Model 12F802-1770-B1	 13
Engine and Blade Assembly	 4	Air Cleaner Assembly Briggs and Stratton Model 12F802-1770-B1	 14
Height-of-Cut and Wheel Assembly	 5	Muffler and Fuel Tank Assembly Briggs and Stratton Model 12F802-1770-B1	 15
Lower Handle and Adjusting Knob Assembly	 6	Flywheel and Blower Housing Assembly Briggs and Stratton Model 12F802-1770-B1	 16
Upper Handle and Control Assembly	 7	Starter Assembly Briggs and Stratton Model 12F802-1770-B1	 17
Grass Bag Assembly	 8	Gasket Assembly Briggs and Stratton Model 12F802-1770-B1	 18
Rear Axle Assembly	 9		
Cylinder and Cylinder Head Assembly Briggs and Stratton Model 12F802-1770-B1	 10		
Crankcase / Crankshaft / Piston / and Valve Assembly Briggs and Stratton Model 12F802-1770-B1	 11		
Carburetor Overhaul Kit Assembly Briggs and Stratton Model 12F802-1770-B1	 12		

PROTOTYPE

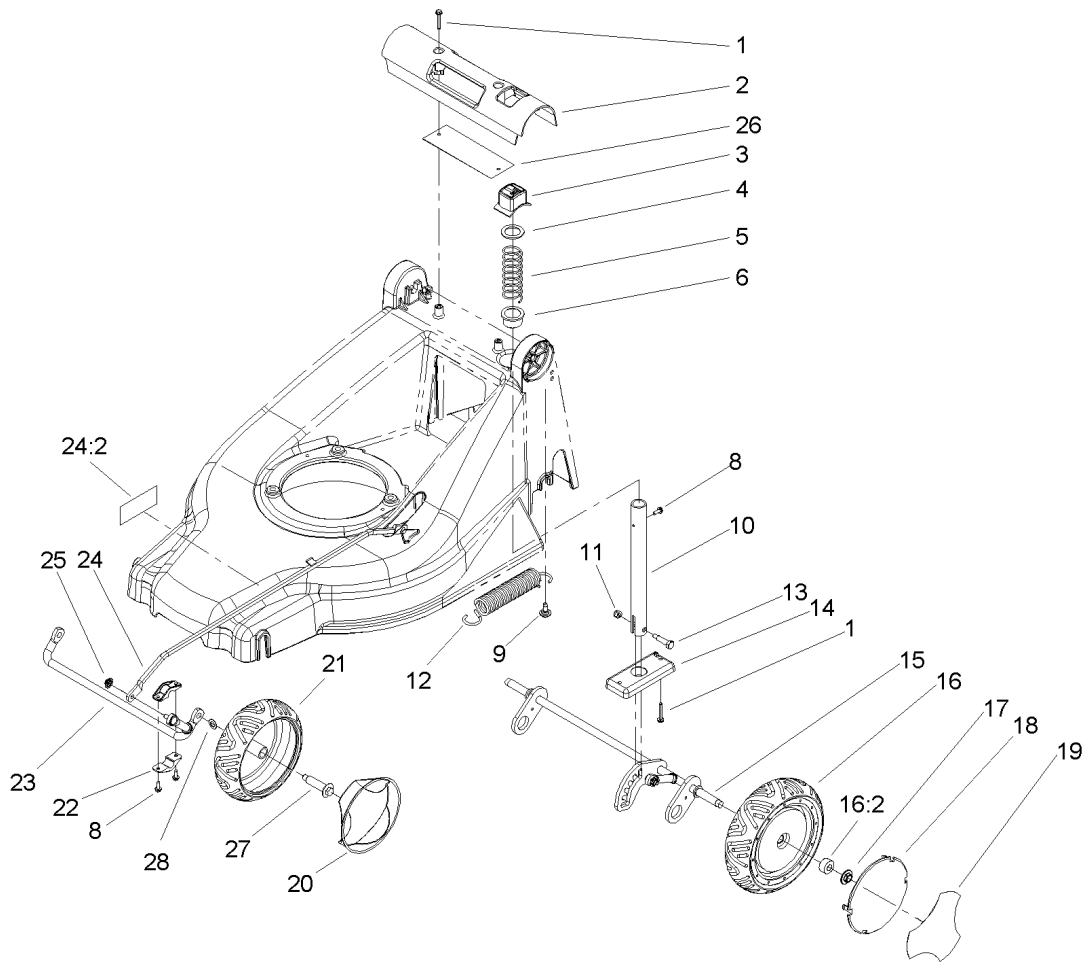


PROTOTYPE



Engine and Blade Assembly

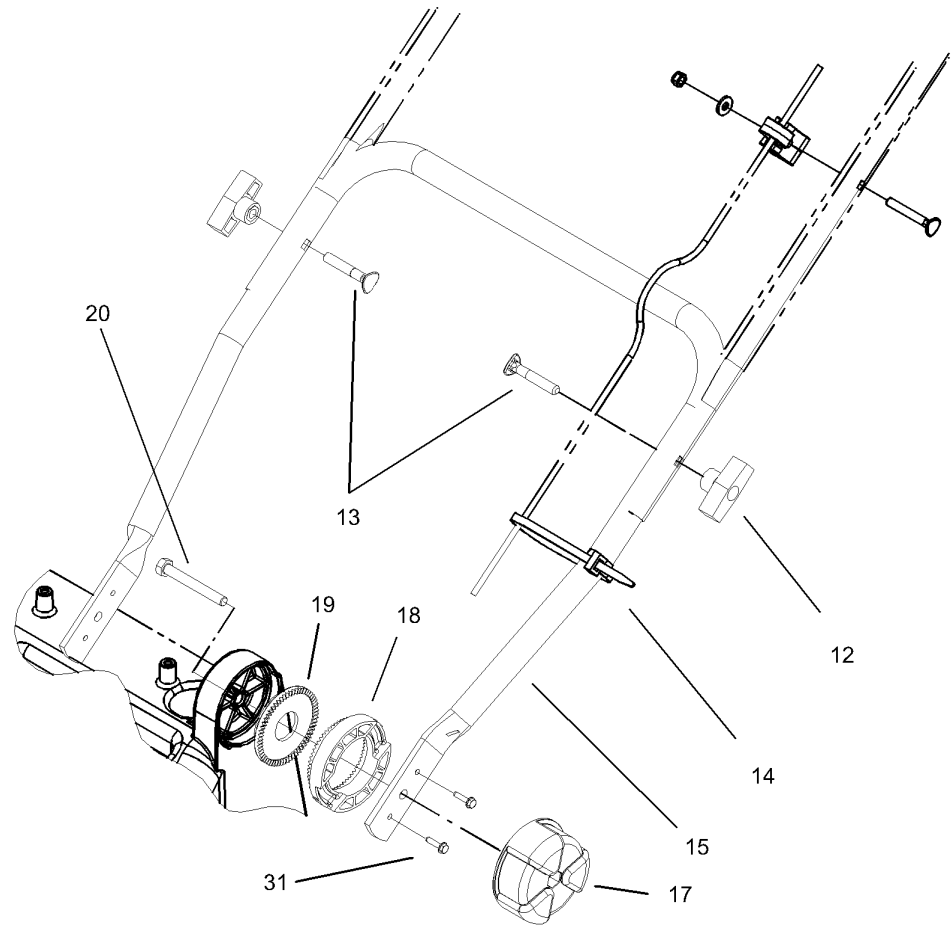
Ref	Part No.	Qty.	Description				
1	32144-97	2	Screw				
2	105-8564	1	Shroud-Quantum				
3		1	Engine-Briggs And Stratton 12f802-1770-B1				
4	104-7577-03	1	Shield-Muffler				
5	104-2065	3	Screw-HWH				
9	80-0510-03	1	Stiffener-Blade				
10	3253-22	1	Washer-Lock				
11	100-4368	1	Bolt-Blade				
12	106-5781-03	1	Blade				
13	104-7554	1	Retainer-Blade				
16	32144-102	3	Screw-HWH				
17	98-3206	1	Decal-Logo, Toro				
18	106-5789	1	Decal				
19	2210-316	1	Stop-Rope				



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
8	32144-1	5	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	100-1516	2	Wheel ASM
16:2	27-6250	2	Bushing
17	100-4370	2	Nut-Lock, Flanged
18	100-4366	2	Cover-Smart Wheel
19	106-5785	2	Decal-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
24	100-9116	1	Rod ASM

Ref	Part No.	Qty.	Description
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

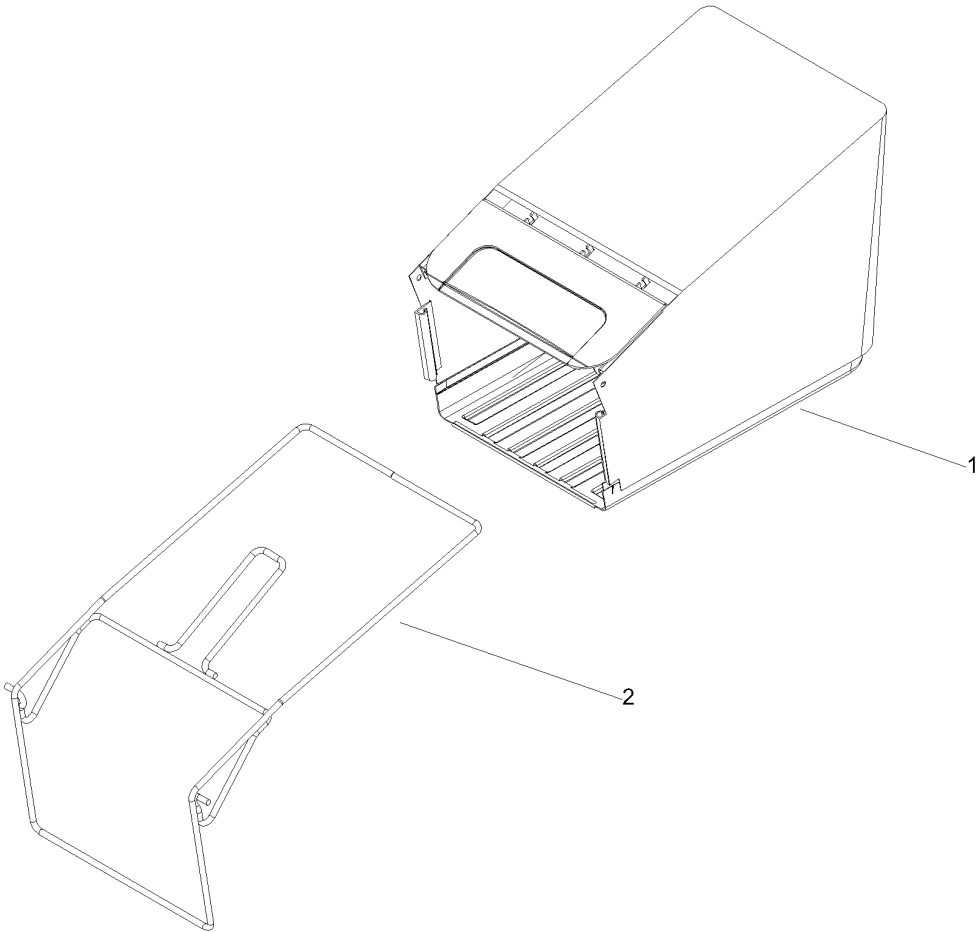


Lower Handle and Adjusting Knob Assembly

Ref	Part No.	Qty.	Description				
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				
31	100-4351	4	Screw-HWH				

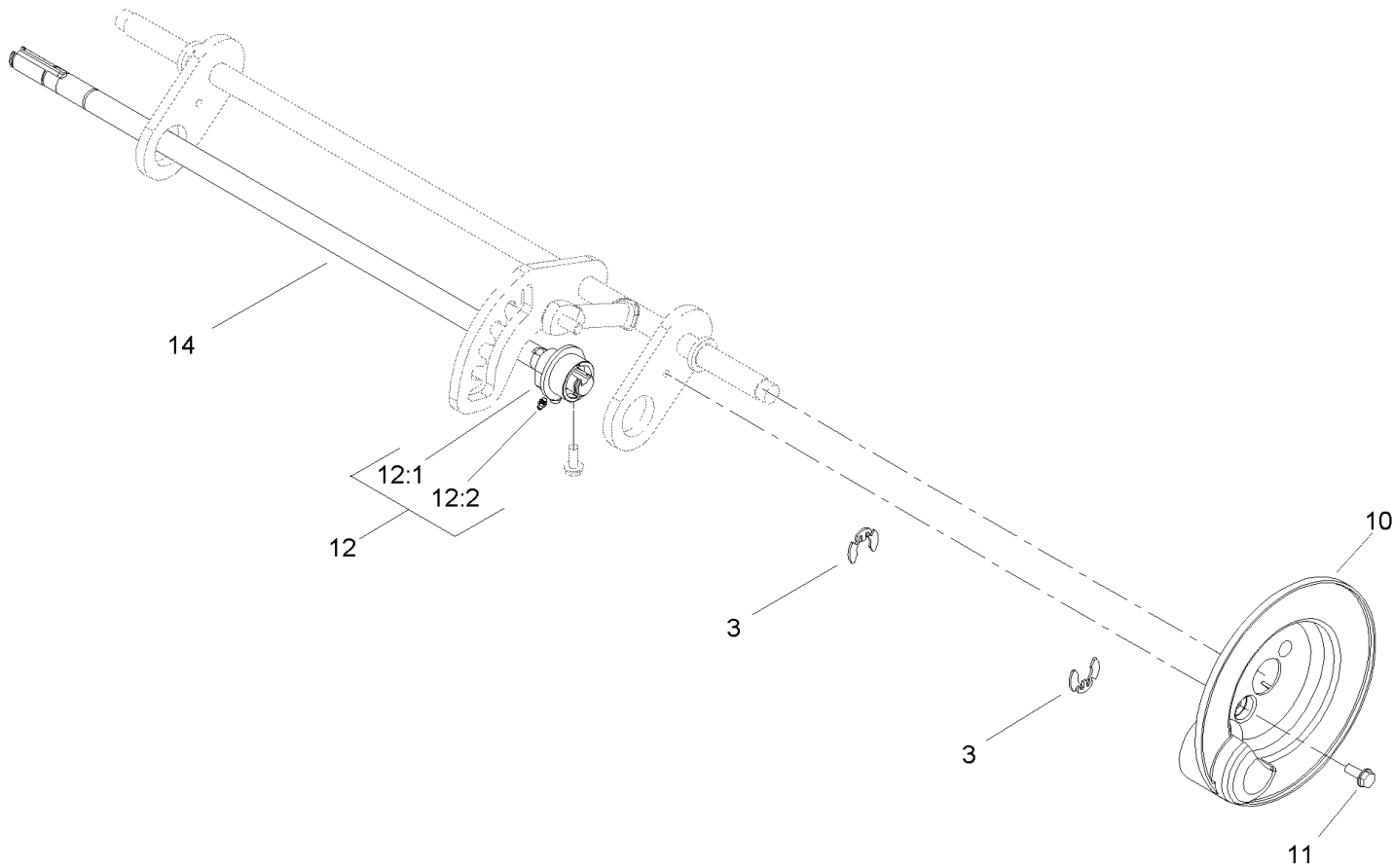


PROTOTYPE



Grass Bag Assembly

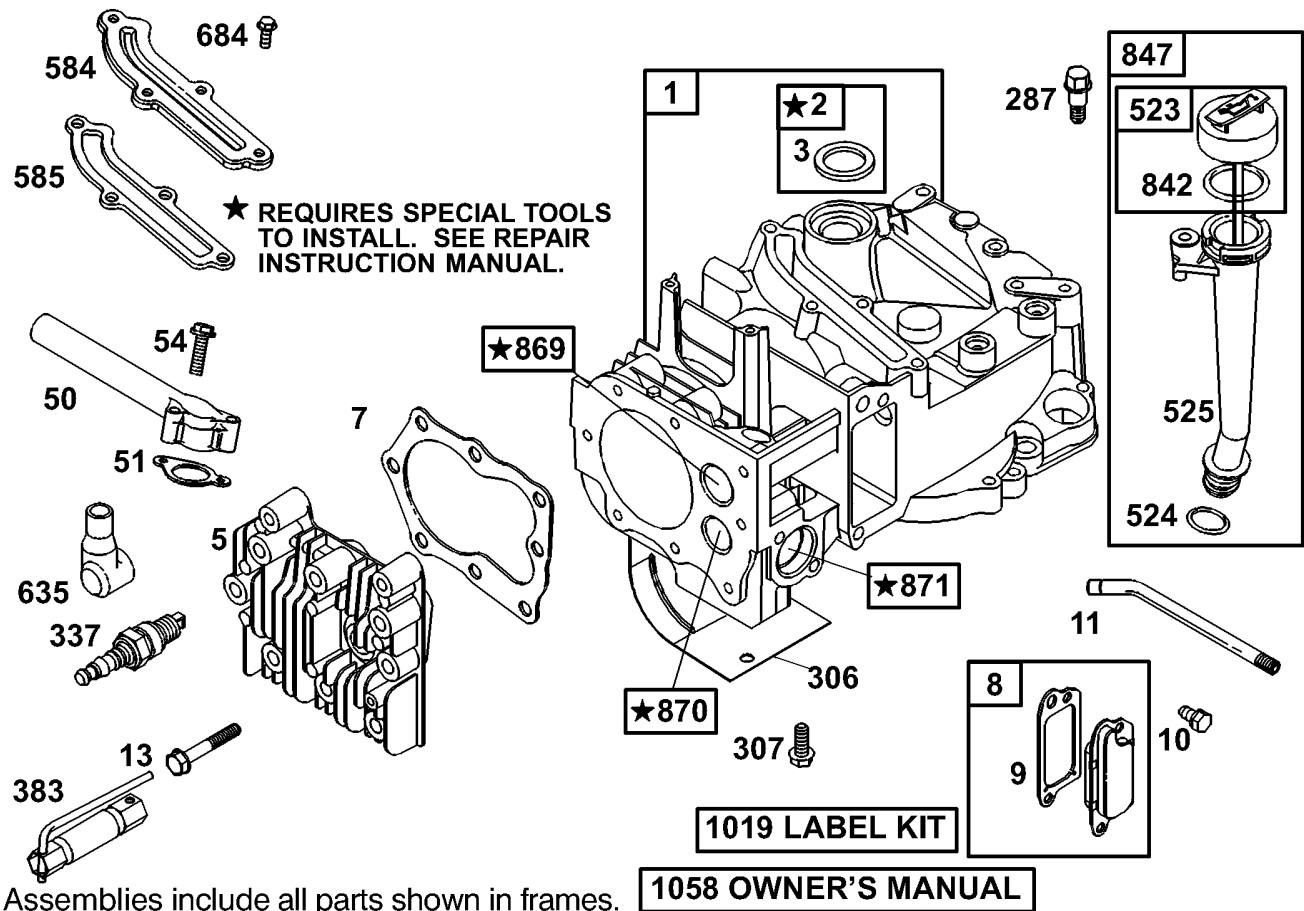
Ref	Part No.	Qty.	Description				
1	104-7578	1	Grass Bag ASM				
2	104-7560-03	1	Bag Frame ASM				
PROTOTYPE							



Rear Axle Assembly

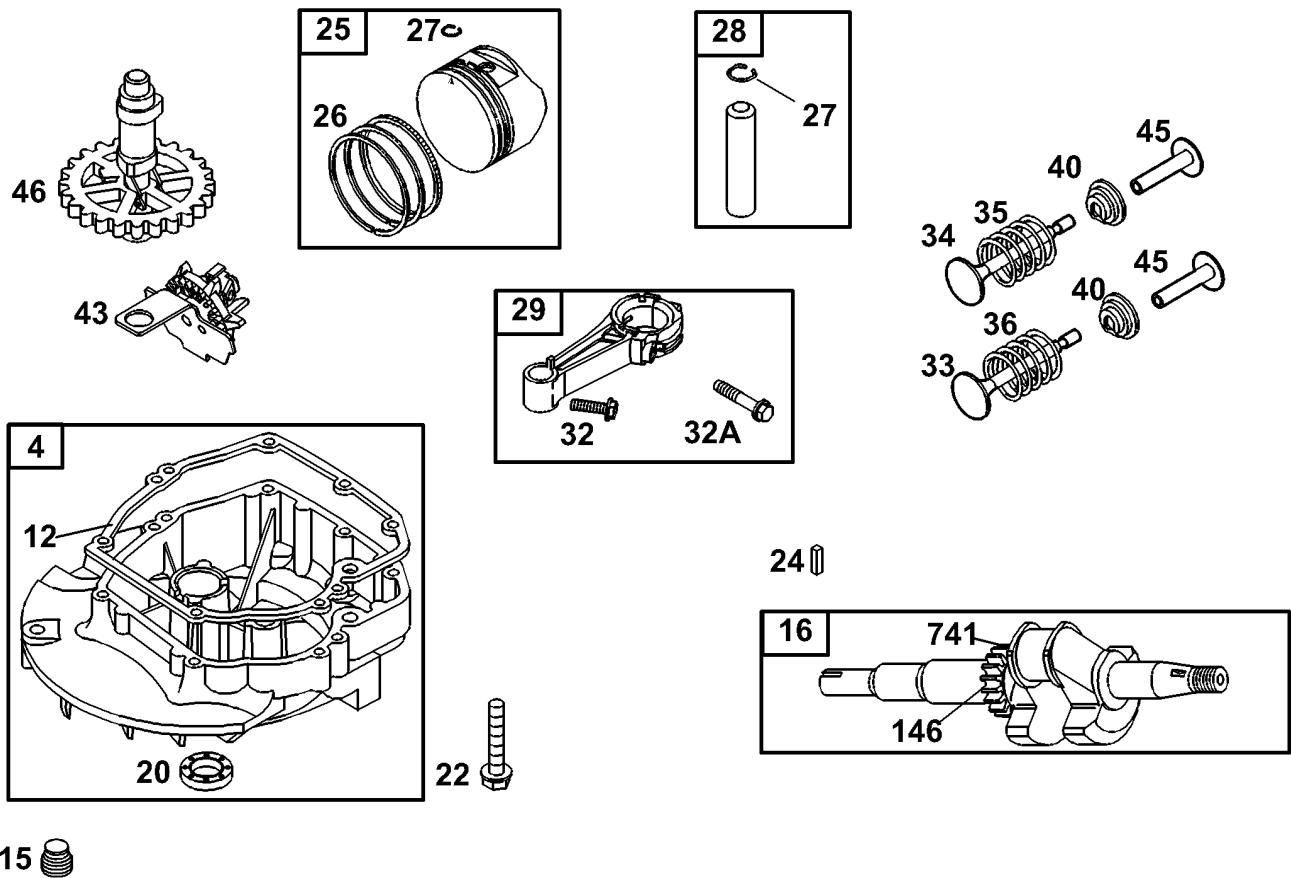
Ref	Part No.	Qty.	Description				
3	65-2720	2	Klipring-Locking				
10	100-1513	2	Cover-Gear				
11	32144-1	4	Screw-Tap				
12	100-9118	2	Bushing ASM				
12:1	99-6463	1	Bushing				
12:2	302-56	1	Fitting-Grease				
14	100-1512	1	Shaft-Pivot				

PROTOTYPE



Cylinder and Cylinder Head Assembly Briggs and Stratton Model 12F802-1770-B1

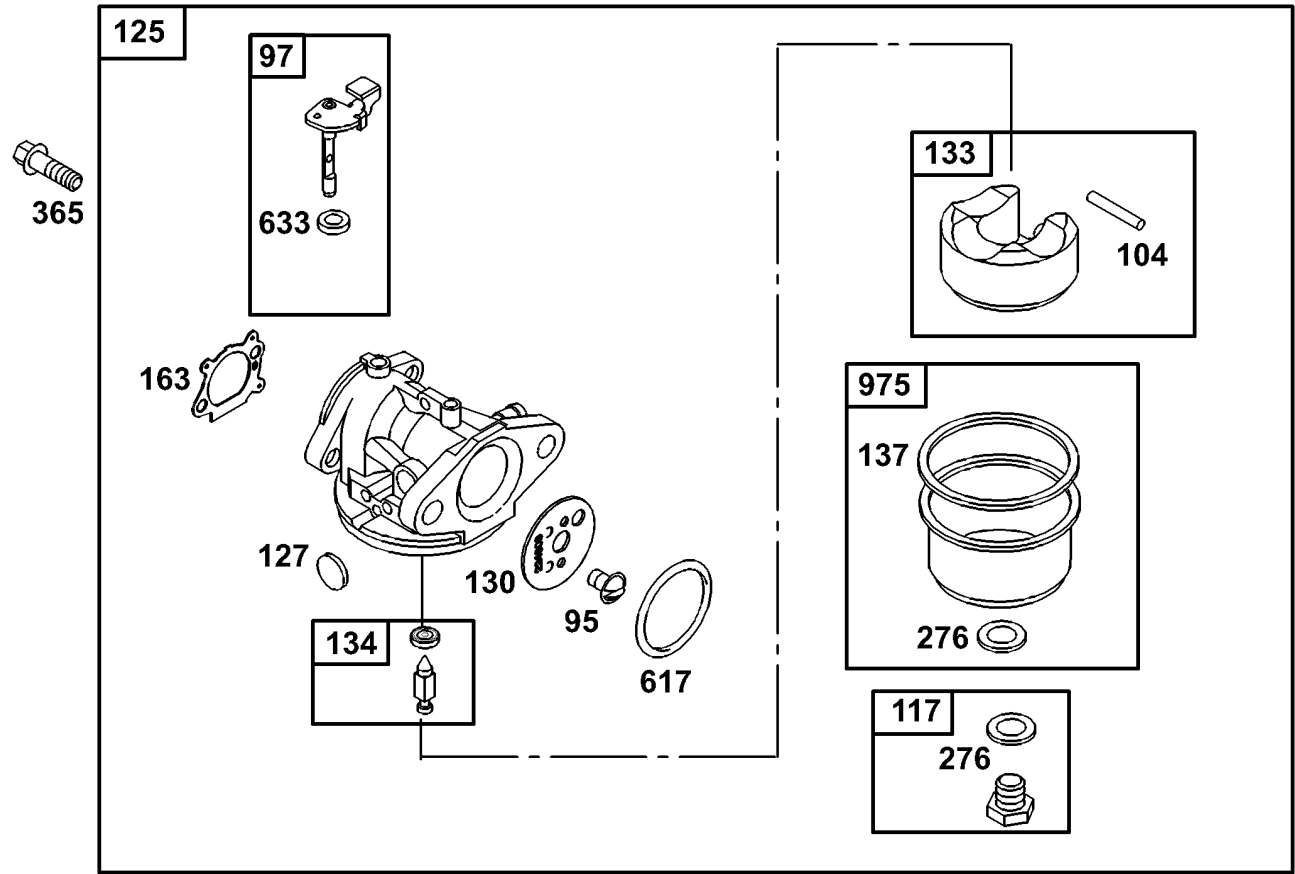
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
①	493260	1	Cylinder	⑥35	66538	1	Spacer
②	293708	1	Bushing	⑥84	690345	1	Shield-Cylinder
②③	299819	1	Seal-Oil	②③842	691031	1	Seal-O Ring (Dipstick Tube)
⑤	691160	1	Head-Cylinder	⑥847	692017	1	Dipstick/tube Assembly
②③7	692249	1	Gasket-Cylinder Head	⑥869	691155	1	Seat-Valve (Intake)
⑥				⑥870	690380	1	Seat-Valve (Exhaust)
⑥8	695250	1	Breather Assembly	⑥871	262001	1	Bushing-Guide
②③9	272481	1	Gasketbreather	⑥	63709	1	Guide Intake Valve
⑥				⑥1019	494256	1	Label Kit
⑥10	691125	1	Screw (Breather Assembly)	⑥1058	274265	1	Owner-S Manual
⑥11	691781	1	Tube-Breather				
⑥13	690912	1	Screw (Cylinder Head)				
⑥50	497465	1	Manifold-Intake				
②③51	272199	1	Gasket-Intake				
⑥54	691650	1	Screw (Intake Manifold)				
⑥287	690940	1	Screw (Fuel Tank)				
⑥306	690450	1	Shield-Cylinder				
⑥307	690345	1	Shield-Cylinder				
⑥337	802592	1	Sparkplug				
⑥383	89838	1	Wrench-Spark Plug				
⑥523	495264	1	Dipstick				
②③524	692296	1	Seal-Dipstick Tube				
⑥525	495265	1	Tube-Oil				
⑥584	692342	1	Breather Passage				
②③585	691879	1	Gasket-Breather Passage				



Assemblies include all parts shown in frames.

Crankcase / Crankshaft / Piston / and Valve Assembly Briggs and Stratton Model 12F802-1770-B1

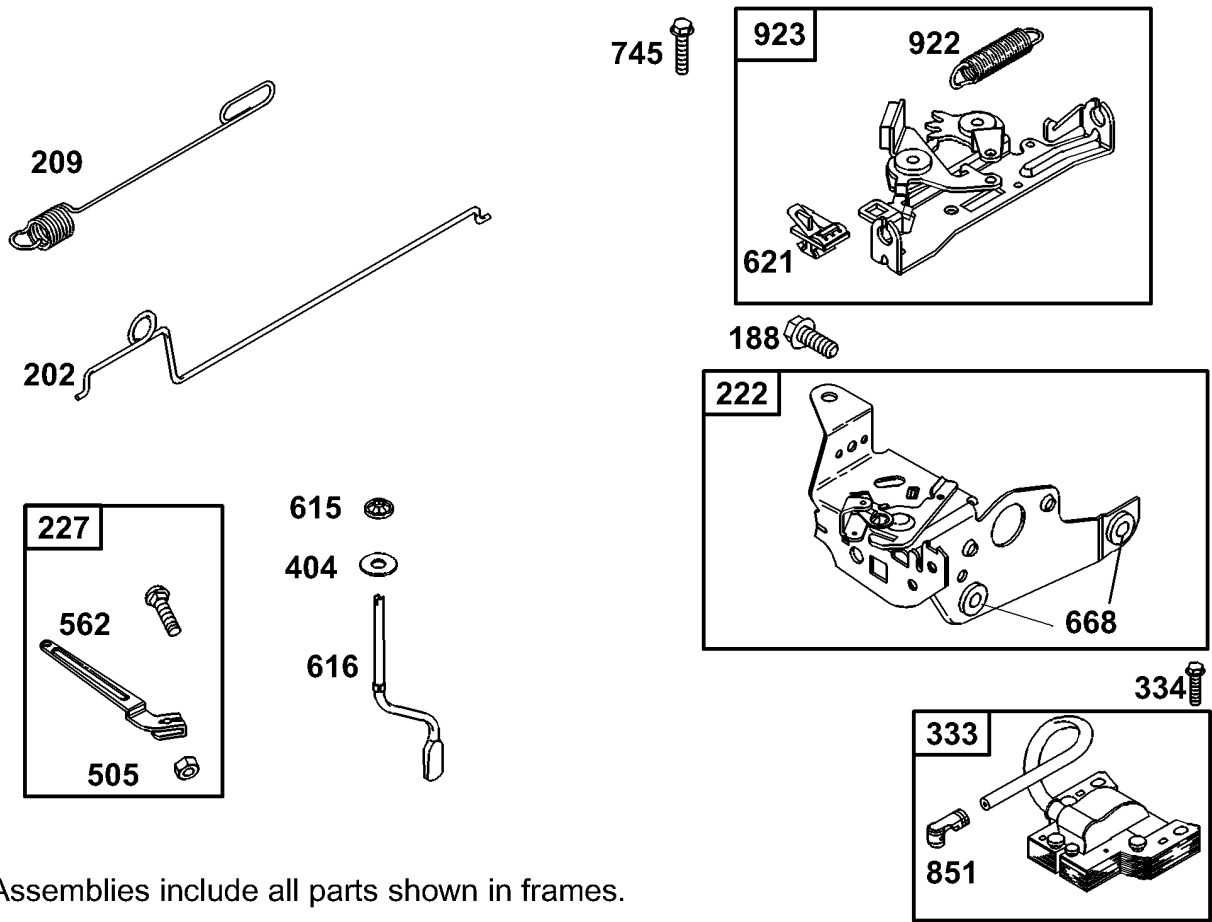
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
④	493279	1	Sump-Engine	③6	691270	1	Spring-Valve (Intake)
②④12	692232	1	Gasket-Crankcase	④0	692194	1	Retainer-Valve
④15	691680	1	Plug-Oil Drain	④3	691997	1	Governor/oil Slinger
④16	695376	1	Crankshaft	④5	690548	1	Keeper-Valve
②④20	399781	1	Seal-Oil	④6	691449	1	Camshaft
④22	691092	1	Screw(Engine Sump)	④146	690979	1	Key-Timing
④24	222698	1	Key-Flywheel	④741	691830	1	Gear-Timing
④25	499429	1	Piston Asm. (Standard)				
④	499430	1	Piston Assembly				
④	499431	1	Piston Asm. (.020" O.s.)				
④	499432	1	Piston Asm. (.030" O.s.)				
④26	499425	1	Ring Set (Standard)				
④	499426	1	Ring Set (.010" O.s.)				
④	499427	1	Ring Set (.020" O.s.)				
④	499428	1	Ring Set (.030" O.s.)				
④27	691866	1	Lock-Piston Pin				
④28	499423	1	Pin-Piston				
④	298908	1	Piston Pin (.005"				
④29	499424	1	Connecting Rod				
④32	691664	1	Screw(Connecting Rod)				
④32A	695759	1	Screw(Connecting Rod)				
④33	262651	1	Valve-Exhaust				
④34	262652	1	Valve-Intake				
④35	691270	1	Spring-Valve (Intake)				



Assemblies include all parts shown in frames.

Carburetor Overhaul Kit Assembly
Briggs and Stratton Model 12F802-1770-B1

Ref	Part No.	Qty.	Description
95	691636	1	Screw (Throttle Valve)
97	493267	1	Shaft And Lever
104	691242	1	Pin-Float Hinge
117	494870	1	Main Jet (Standard)
125	498170	1	Carburetor
127	694468	1	Welch Plug
130	691203	1	Valve-Throttle
133	398187	1	Float-Carburetor
134	398188	1	Valve-Inlet
137	693981	1	Gasket-Bowl
163	272653	1	Gasket-Aircleaner
276	271716	1	Washer-Sealing
365	692524	1	Screw (Carburetor)
617	270344	1	Tube-Intake
633	691321	1	Seal-Dust
975	493640	1	Bowl Asm.

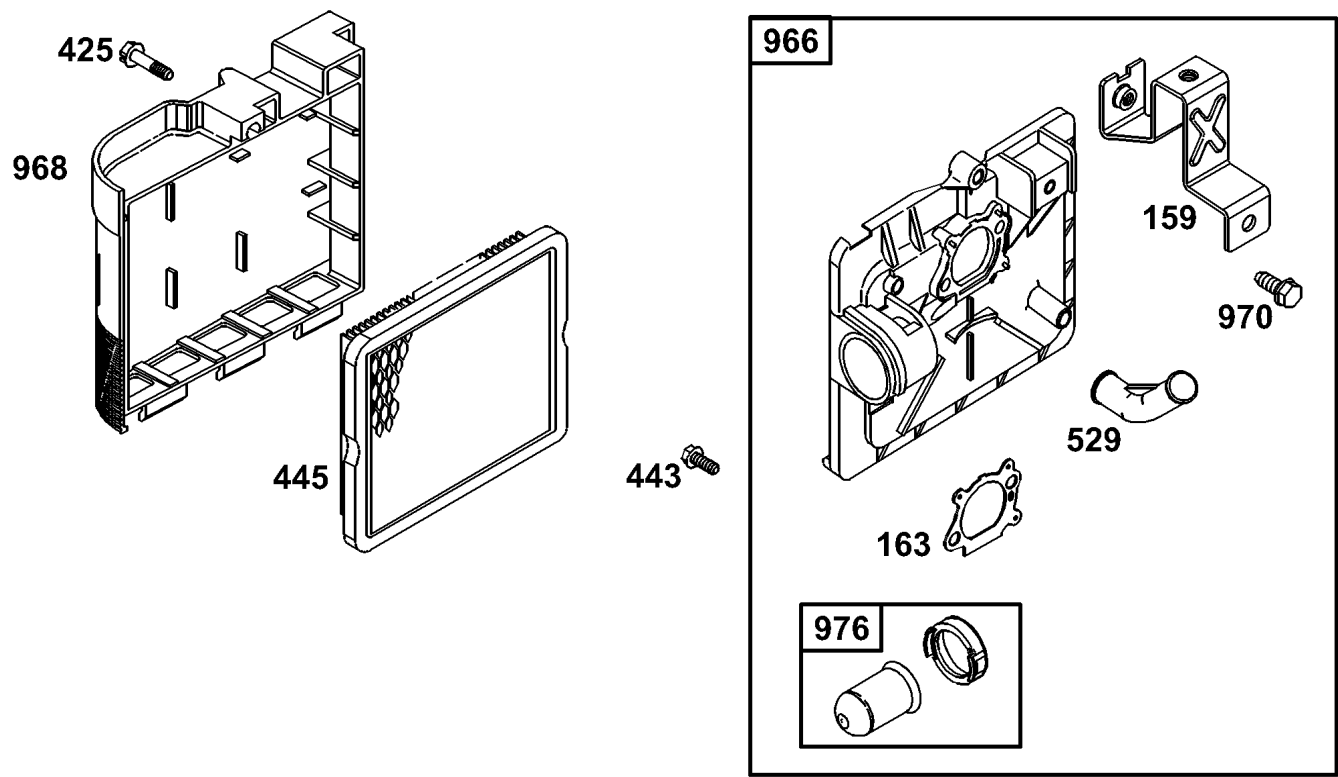


Assemblies include all parts shown in frames.

Governor Assembly

Briggs and Stratton Model 12F802-1770-B1

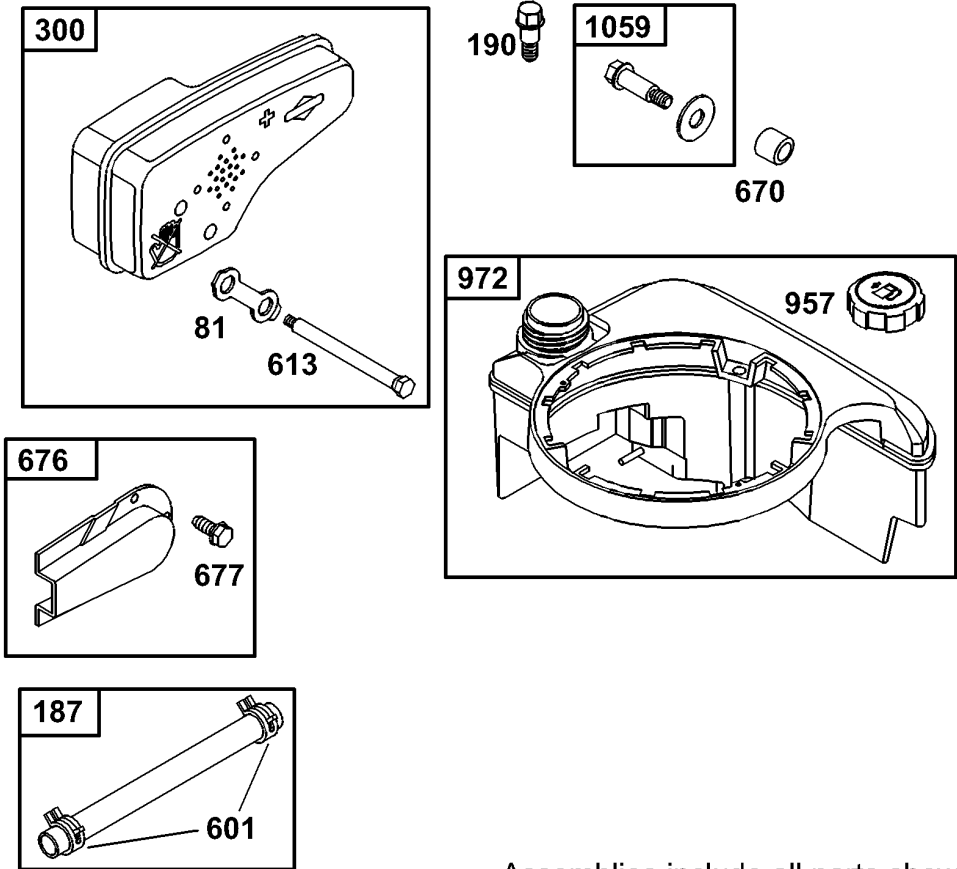
Ref	Part No.	Qty.	Description				
188	690877	1	Nut (Flywheel)				
202	691829	1	Mechanical Governorlink				
209	691852	1	Spring-Governor				
222	692467	1	Bracket-Control				
227	690783	1	Control Lever-Governor				
333	802574	1	Armature-Magneto				
334	691061	1	Screw (Magneto Armature)				
404	690272	1	Washer(Governorcrank)				
505	231082	1	Nut				
562	92613	1	Bolt-Lever				
615	690340	1	Shaftretainer-Governor				
616	691306	1	Crank-Governor				
621	692310	1	Switch-Stop				
668	493823	1	Spacer (Includes 2)				
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.

Air Cleaner Assembly
Briggs and Stratton Model 12F802-1770-B1

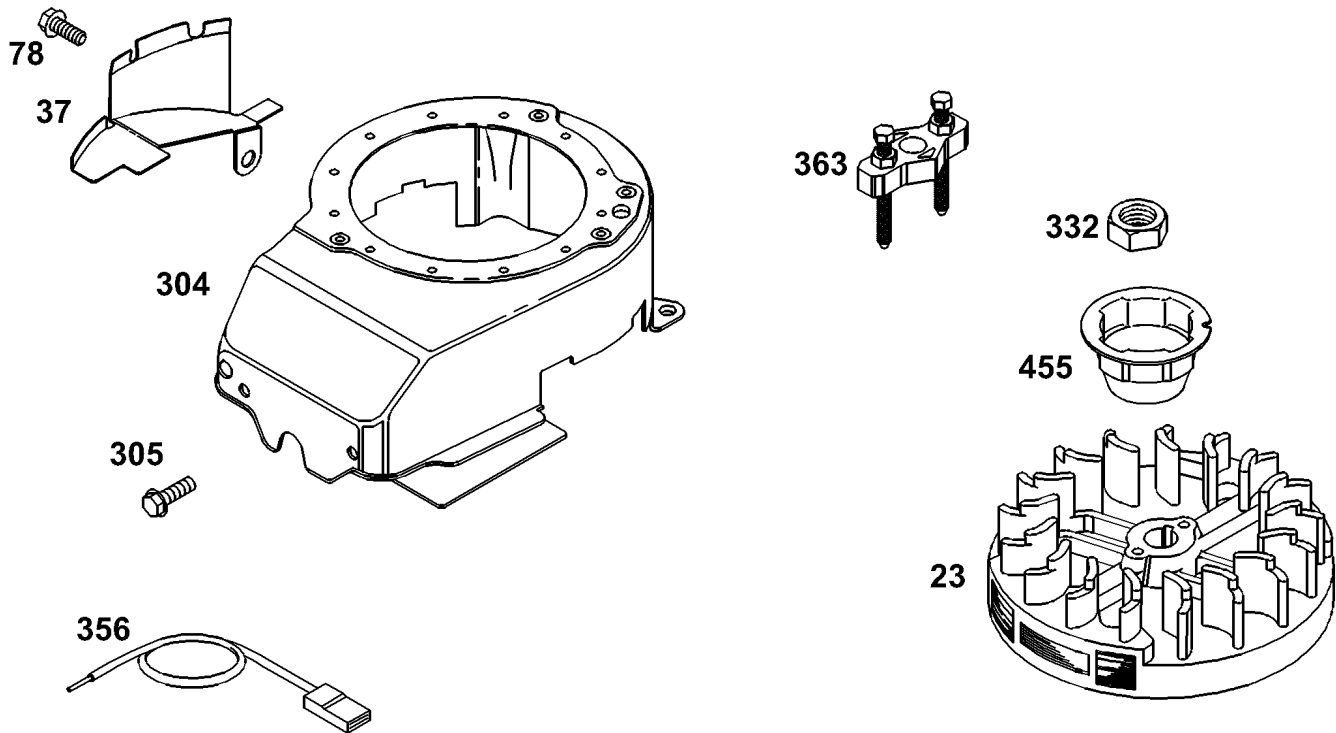
Ref	Part No.	Qty.	Description				
⑥ 159	691753	1	Air Cleaner Primerbracket				
② ④ 163	272653	1	Gasket-Aircleaner				
⑤ ⑥							
⑥ 425	690670	1	Screw (Air Cleaner Cover)				
⑥ 443	692523	1	Screw (Air Cleaner Base)				
⑥ 445	491588	1	Filter-Air				
⑥ 529	691923	1	Grommet				
⑥ 966	496116	1	A/c Primer Base				
⑥ 968	692298	1	Air Cleaner Cover				
⑥ 970	691669	1	Screw (Air Cleanerprimer Bracket)				
⑥ 976	694395	1	Carburetor Primer				



Assemblies include all parts shown in frames.

Muffler and Fuel Tank Assembly
Briggs and Stratton Model 12F802-1770-B1

Ref	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	496106	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 (Flywheel Guard)				
⌚957	397974	1	Cap-Fuel				
⌚972	495224	1	Tank-Fuel				
⌚1059	692311	1	Screw/washer Kit				

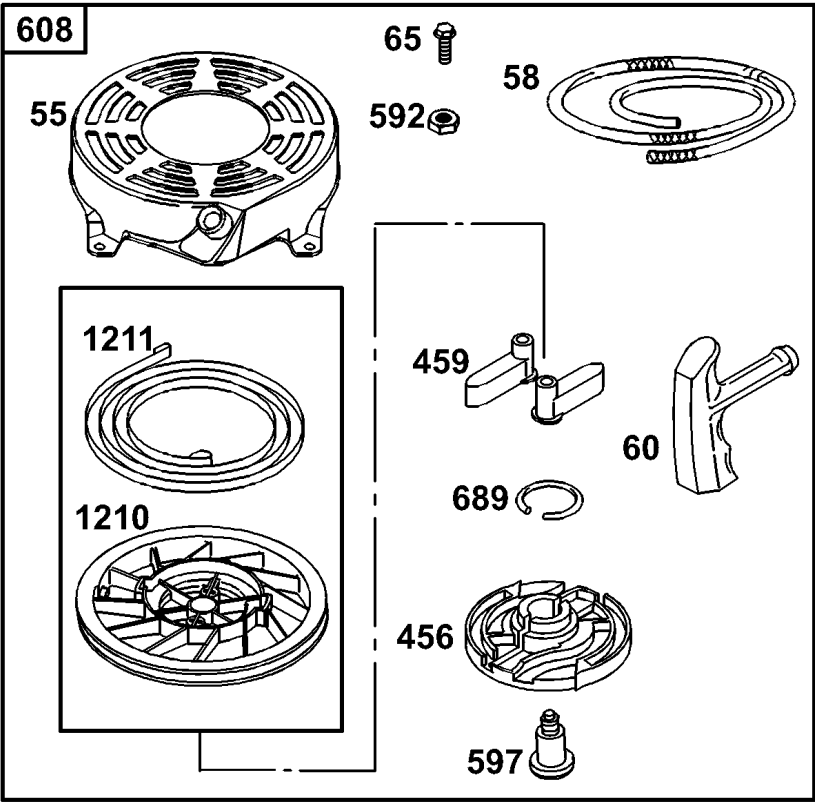


1036 EMISSIONS LABEL

Assemblies include all parts shown in frames.

Flywheel and Blower Housing Assembly
Briggs and Stratton Model 12F802-1770-B1

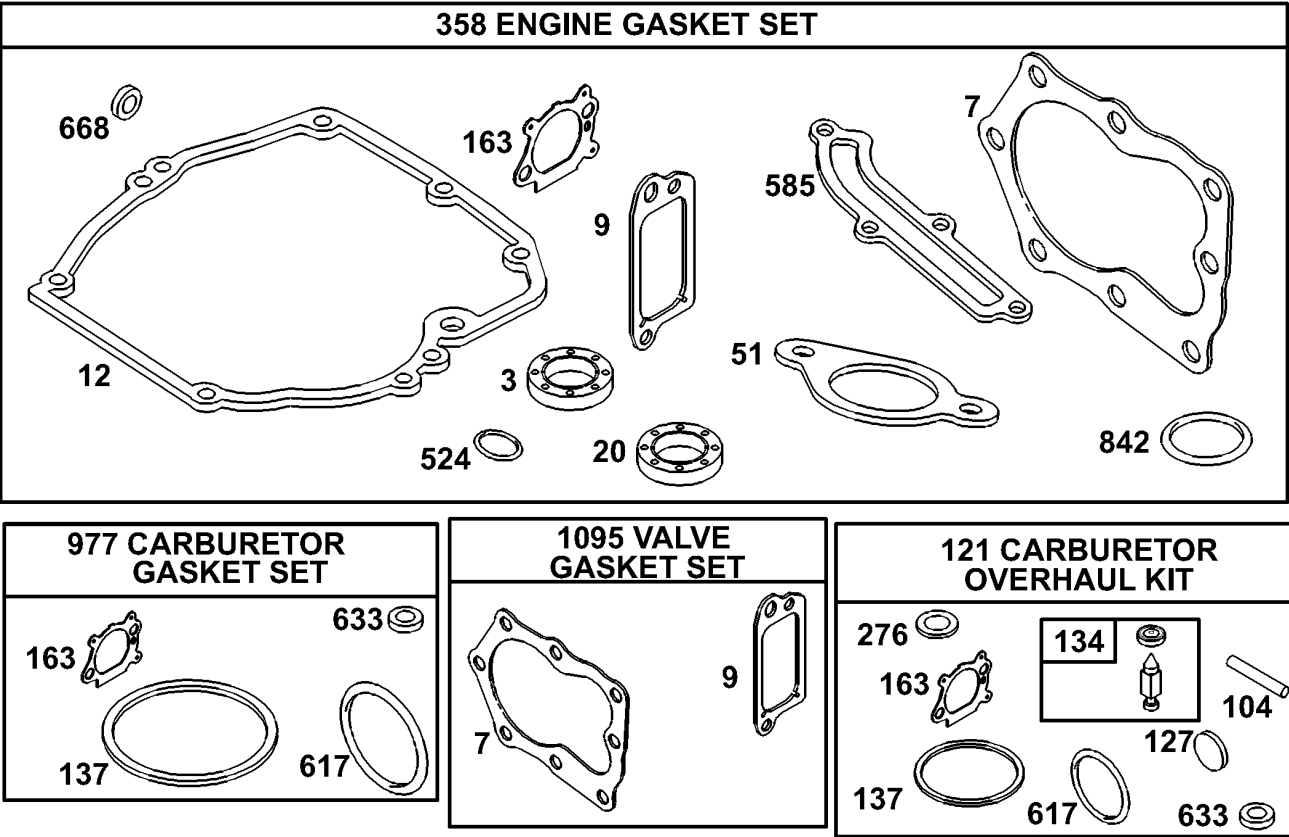
Ref	Part No.	Qty.	Description				
23	692315	1	Flywheel				
37	694086	1	Guard-Flywheel				
78	691108	1	Screw (Muffler)				
304	493293	1	Housing-Blower				
305	691108	1	Screw (Muffler)				
332	690877	1	Nut (Flywheel)				
356	692390	1	Wire-Stop				
363	19069	1	Puller-Flywheel				
455	691219	1	Cup-Flywheel				
1036	695111	1	Label-Emissions				



Assemblies include all parts shown in frames.

Starter Assembly
Briggs and Stratton Model 12F802-1770-B1

Ref	Part No.	Qty.	Description				
55	691421	1	Housing-Rewind Starter				
58	280399	1	Rope				
60	281434	1	Grip-Starter Rope				
65	690837	1	Screw (Rewindstarter)				
456	692299	1	Plate-Pawl Friction				
459	281505	1	Pawl-Ratchet				
592	690800	1	Nut(Rewind Starter)				
597	691696	1	Screw-Shoulder				
608	497680	1	Starter-Rewind				
689	691855	1	Spring-Friction				
1210	498144	1	Pulley-Starter				
1211	498144	1	Pulley-Starter				



Assemblies include all parts shown in frames.

Gasket Assembly
Briggs and Stratton Model 12F802-1770-B1

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
263	299819	1	Seal-Oil	977	498261	1	Carburetor Gasket Set
247	692249	1	Gasket-Cylinder Head	1095	498528	1	Valve Gasket Set
6							
249	272481	1	Gasketbreather				
6							
2612	692232	1	Gasket-Crankcase				
2620	399781	1	Seal-Oil				
2651	272199	1	Gasket-Intake				
46104	691242	1	Pin-Float Hinge				
6121	498260	1	Carburetor Kit				
46127	694468	1	Welch Plug				
46134	398188	1	Valve-Inlet				
45137	693981	1	Gasket-Bowl				
6							
24163	272653	1	Gasket-Aircleaner				
56							
46276	271716	1	Washer-Sealing				
6358	497316	1	Gasket Set				
26524	692296	1	Seal-Dipstick Tube				
26585	691879	1	Gasket-Breather Passage				
46617	270344	1	Tube-Intake				
6							
45633	691321	1	Seal-Dust				
6							
26668	493823	1	Spacer (Includes 2)				
26842	691031	1	Seal-O Ring (Dipstick Tube)				

NOTES

PROTOTYPE



PROTOTYPE