



53cm Recycler Mower

Model No. 20781-230000001 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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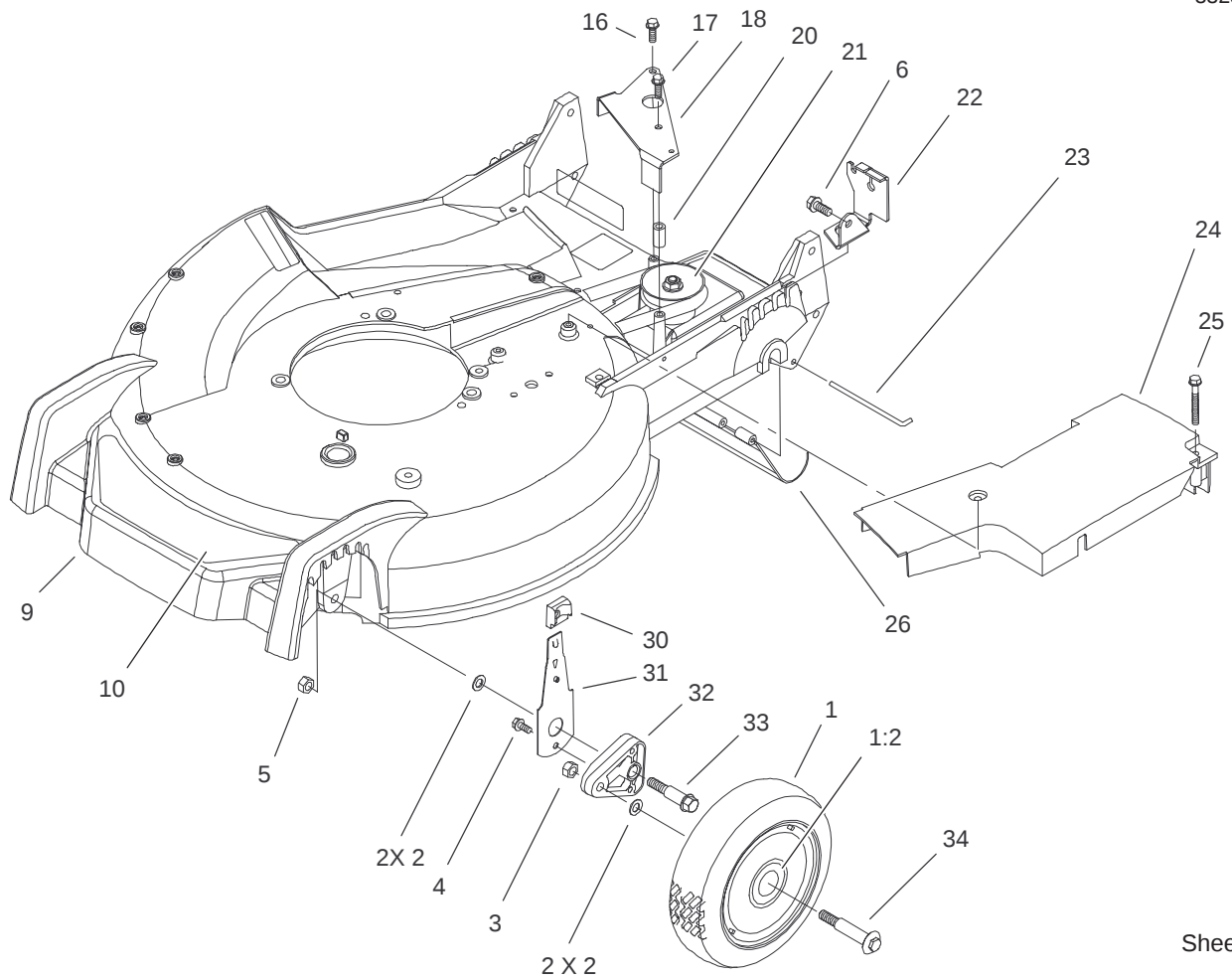
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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

Abbreviation	Meaning
AR	as required
ASM	assembly
CARR	carriage
DEG	degrees
FH	flat head
GA	gauge
HF	hex flange
HH	hex head
HHF	hex head flange
HLH	hex lag head
HJ	hex jam
HOC	height-of-cut
HS	hex socket
HSBH	hex socket button head
HSFH	hex socket flat head
HSH	hex socket head
HWH	hex washer head
HWHTF	hex washer head thread forming

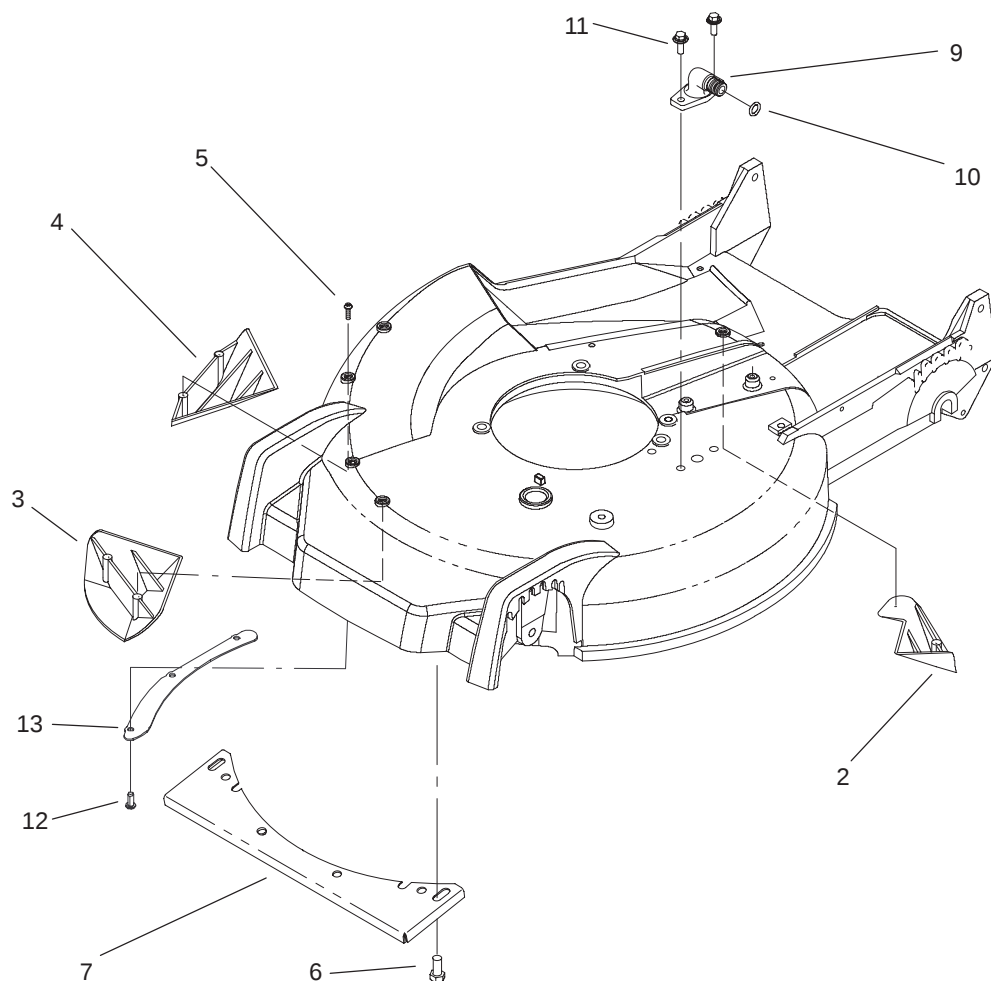
Abbreviation	Meaning
HYD	hydraulic
INC	incorporated
LH	left hand
NI	nylon insert
PPH	Phillips pan head
PTH	Phillips truss head
PTO	power take off
RH	right hand
SFH	slotted fillister head
SHH	slotted hex head
SQH	square head
SHWH	slotted hex washer head
SPH	slotted pan head
SRH	slotted round head
STD	standard
TAP	self tapping
TTH	Torx truss head
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-HWH				
5	3296-6	2	Nut-Lock, NI				
6	32144-70	5	Screw-HH				
9	105-1309	1	Housing ASM				
10	100-5953	1	Decal-Deck				
16	49-2040	1	Screw-Tapping				
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	2	Screw-HH				
26	44-0580	1	Shield-Trailing				
30	25-7740	2	Knob-Arm				
31	66-0541	2	Front Spring Arm ASM				
32	66-0580-03	2	Arm-Pivot, Front				

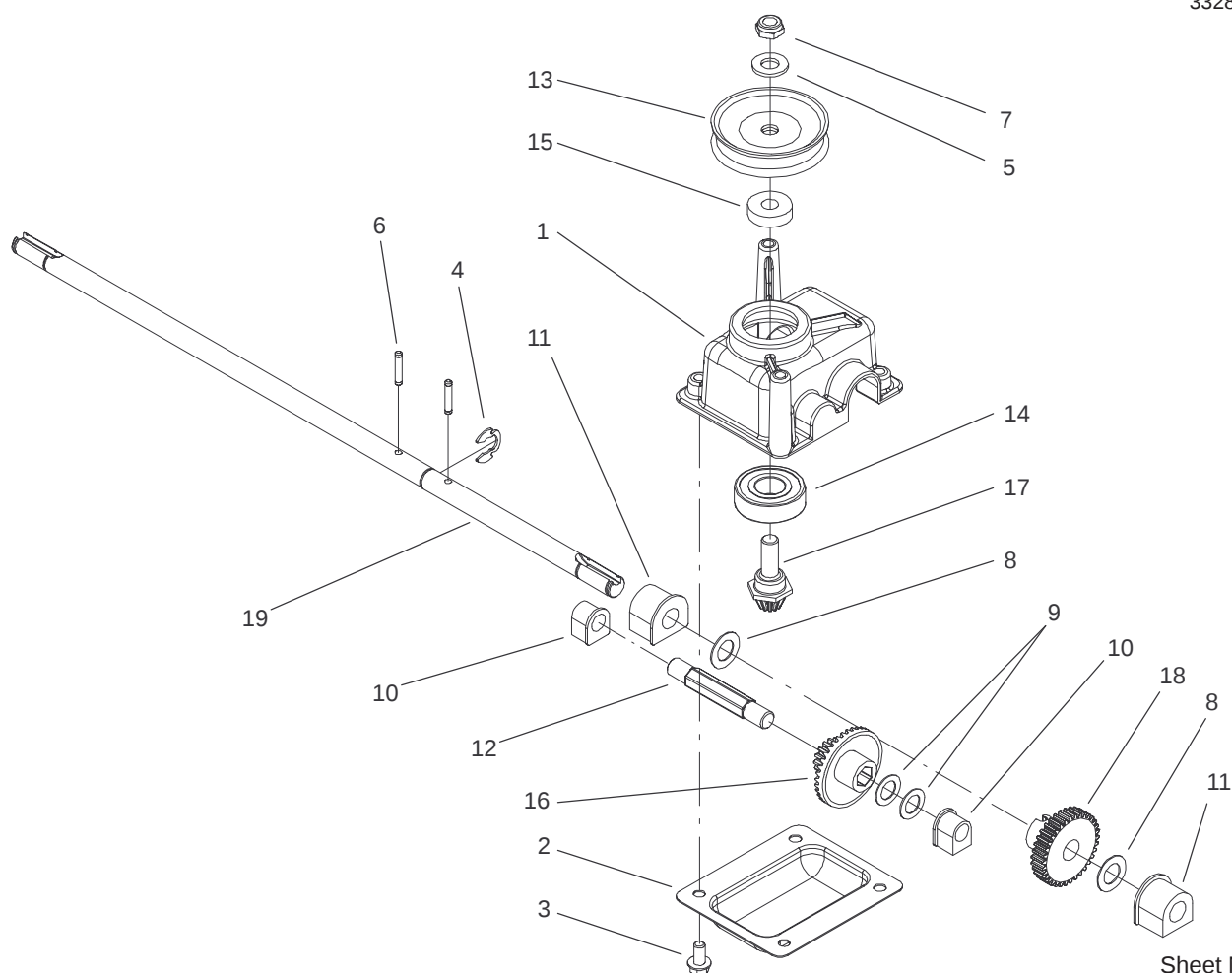


Sheet No.:A1

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

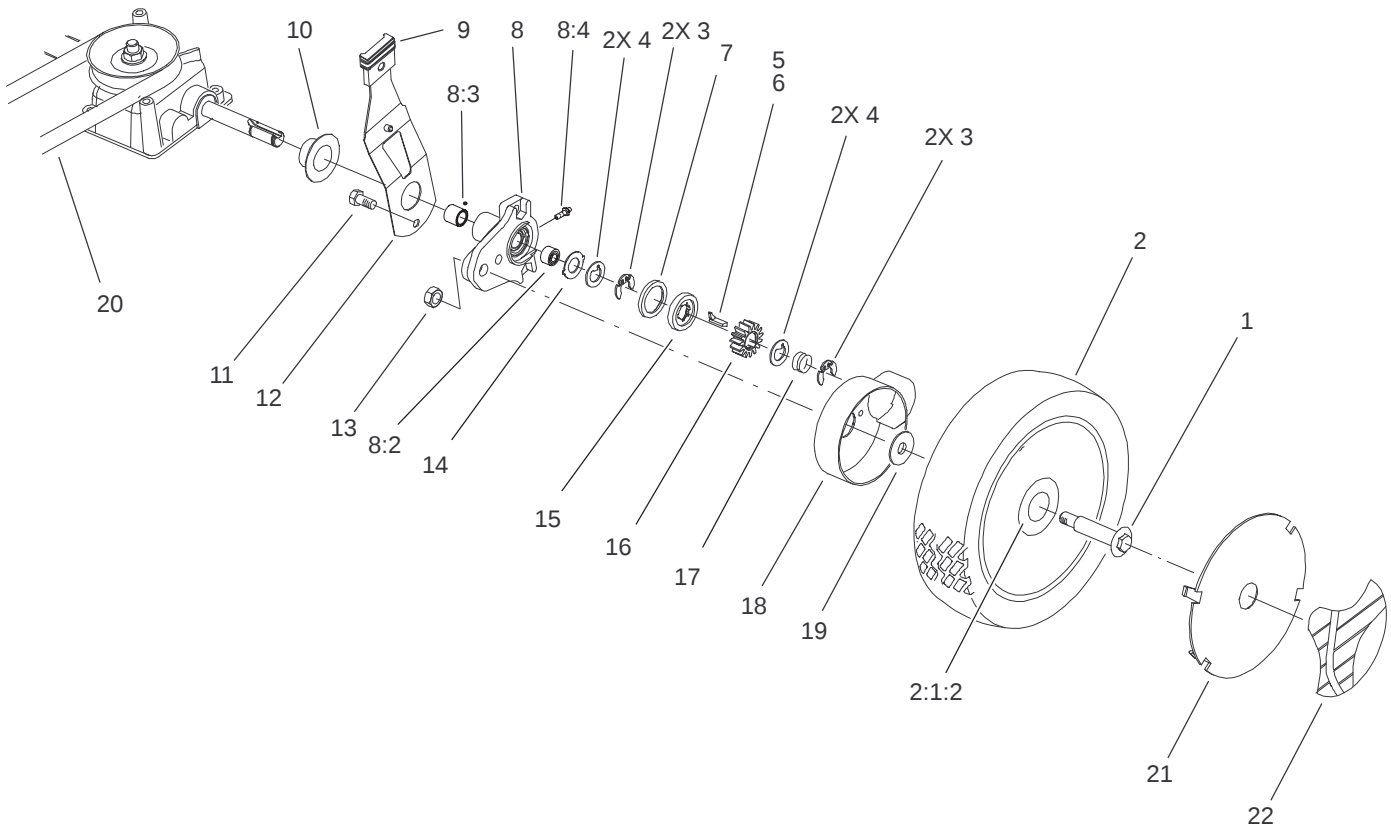


Sheet No.:A2

Gear Case Assembly No. 104-7674

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
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

Ref. No.	Part No.	Qty.	Description



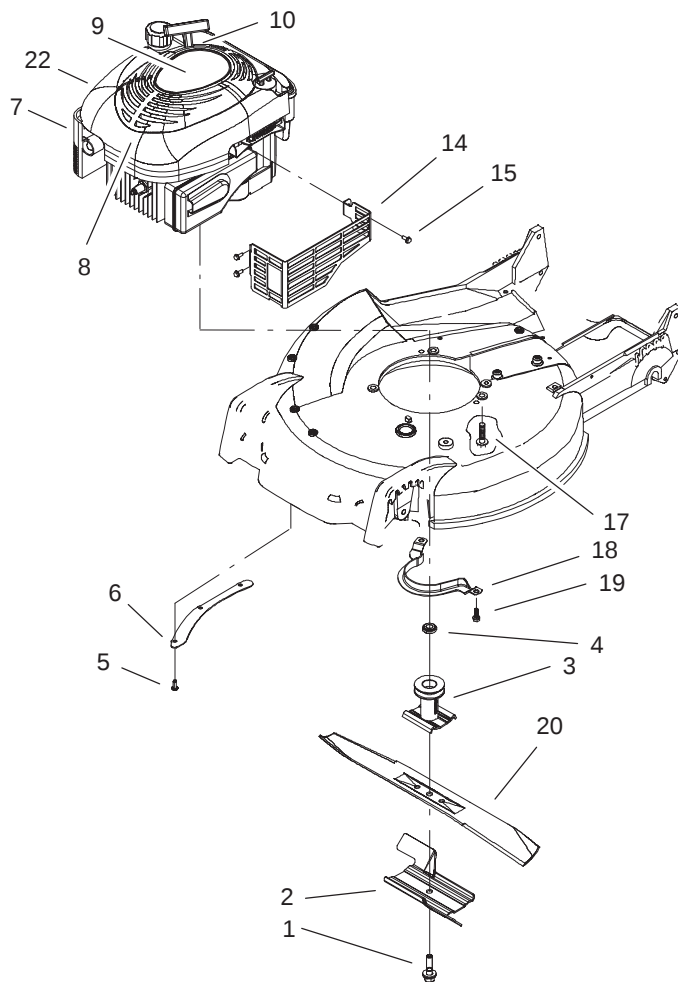
Sheet No.:3

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	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	74-1670	2	Spacer-Cover, Wheel
20	91-2258	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

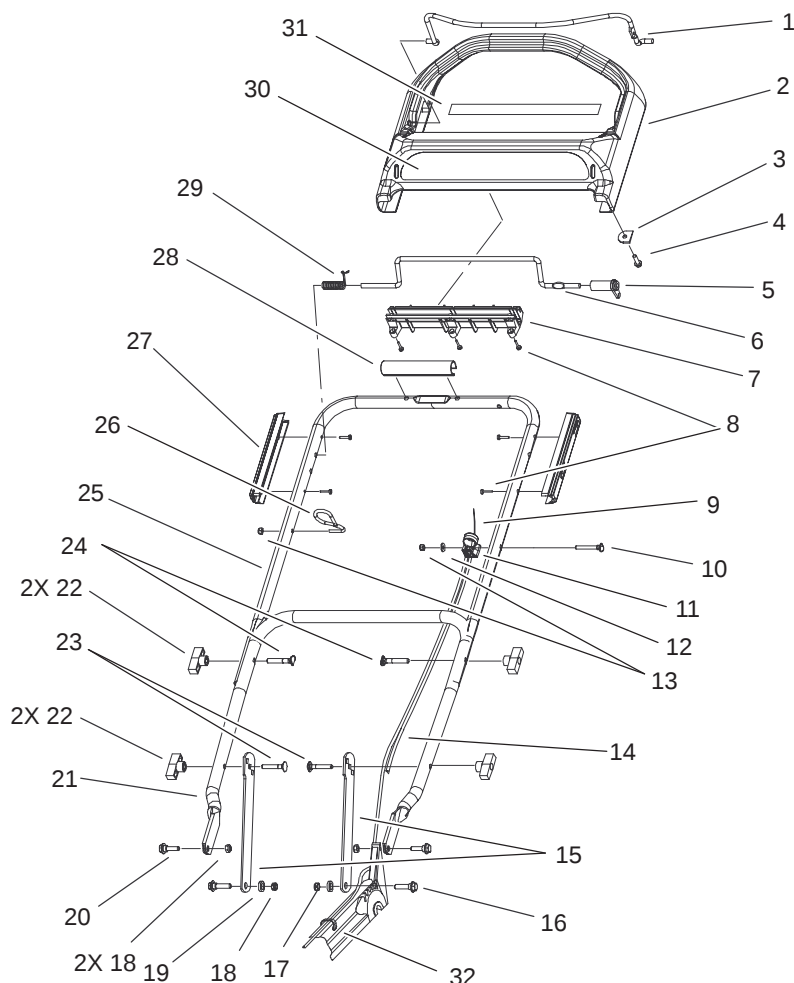


Sheet No.:4

Engine and Blade Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	105-8579	1	Bolt-Blade				
2	105-6848-03	1	Accelerator-Blade				
3	106-3987	1	Driver-Blade, ASM				
4	106-3999	1	Spacer-Driver				
5	63-8590	3	Screw				
6	105-1316-03	1	Sheet-Lip				
☆7		1	Engine-Briggs And Stratton Model No. 12h802-1720-B1				
8	98-3206	1	Decal-Logo, Toro				
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				
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-Recycler				
22	105-8564	1	Shroud-Quantum				
22	32144-97	2	Screw				

☆ Not serviced separately

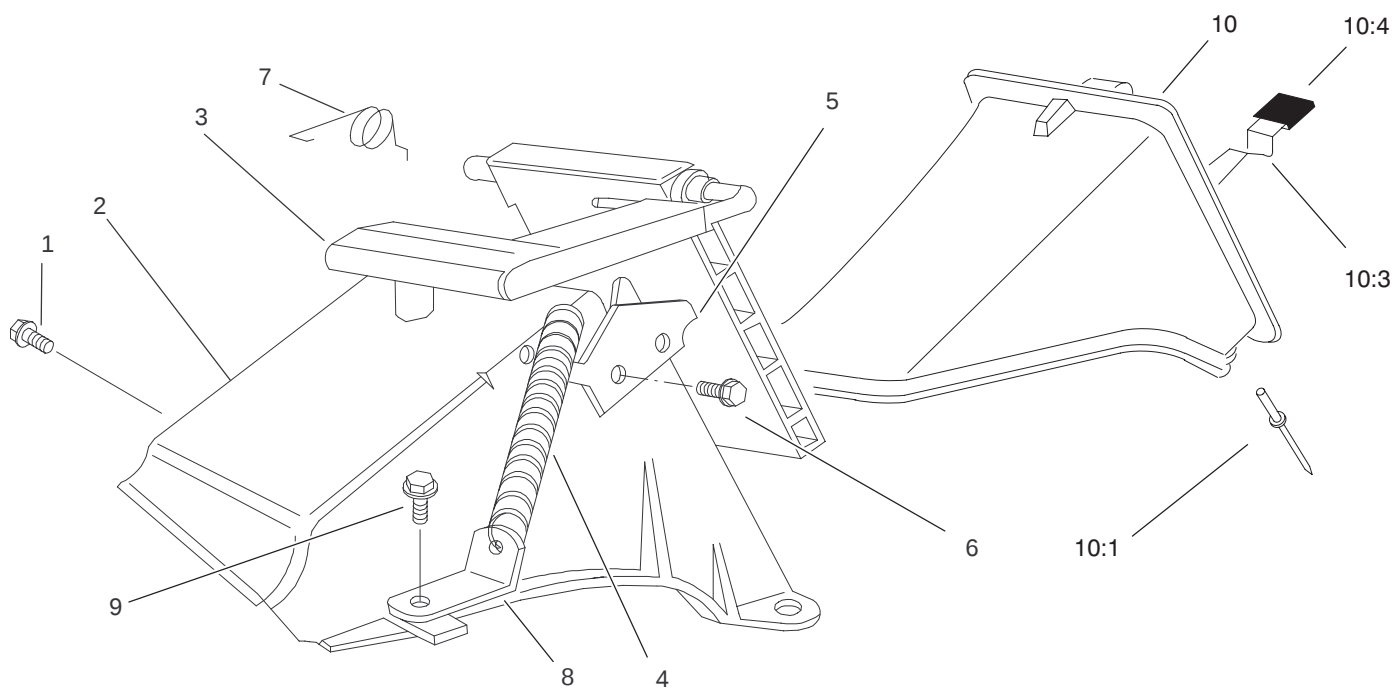


Sheet No.:5

Handle and Control Assembly

Ref. No.	Part No.	Qty.	Description
1	99-1593-03	1	Bail-Brake
2	99-1582	1	Handle-Control
3	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, NI
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
25	99-1596-05	1	Handle-Upper

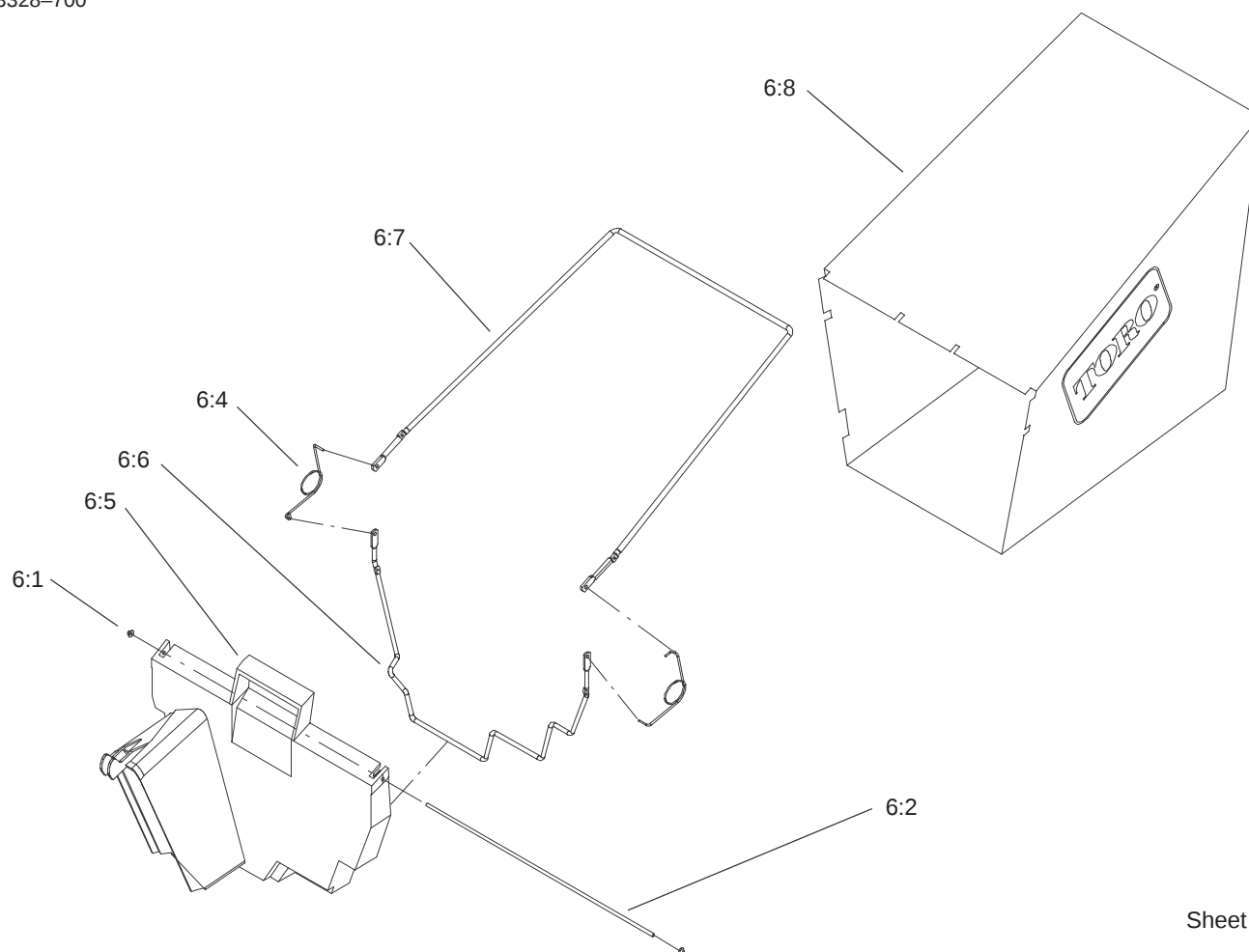
Ref. No.	Part No.	Qty.	Description
26	86-9671	1	Guide-Rope
27	99-1590	2	Guide-Handle, Control
28	100-5970	1	Cover-Handle
29	99-1592	1	Spring-Torsion, RH
30	100-5950	1	Decal-Automatic
31	93-6655	1	Decal-Panel, Rear
32	100-2894	1	Tie-Cable



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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 (Serial No. 230000001- 230000800)
3	106-8336	1	Discharge Door ASM (Serial No. 230000801 & Up)
4	76-4660	1	Spring-Door
5	93-3154	1	Latch-Plate (Serial No. 230000001- 230000800)
5	106-8334	1	Latch-Plate (Serial No. 230000801 & Up)
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



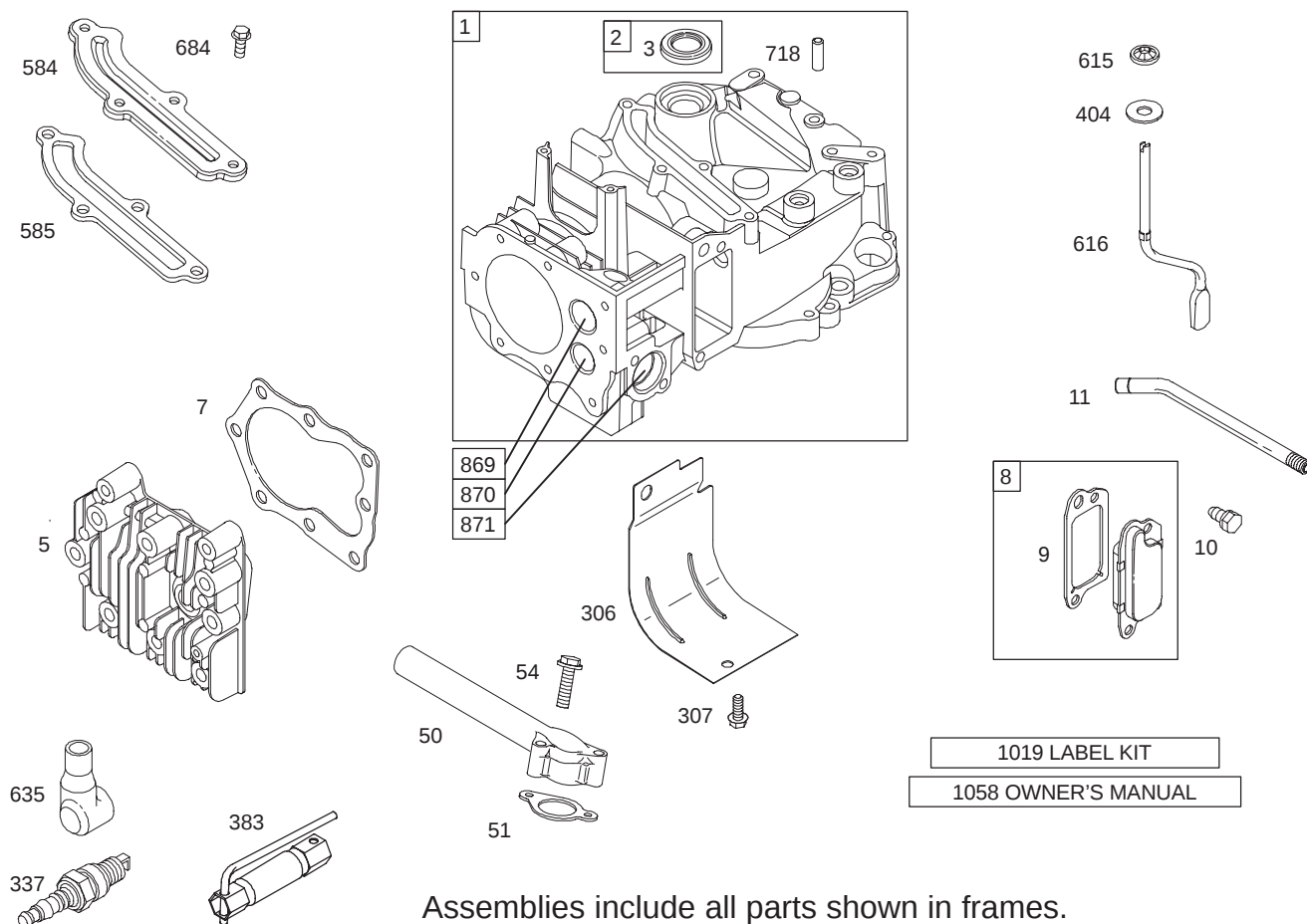
Sheet No.:9

Rear Grass Bag Assembly No. 11-0189

Ref. No.	Part No.	Qty.	Description
*6	11-0189	1	Grass Bag ASM
6:1	3290-422	2	Nut-Push
6:2	33-4820	1	Hinge-Door, Bag
6:4	36-6910	2	Spring
6:5	37-1393	1	Door-Bag
6:6	42-4020	1	Frame-Bag
6:7	42-4030	1	Frame-Bag, Upper
6:8	44-0522	1	Bag-Grass

Ref. No.	Part No.	Qty.	Description

* Not illustrated

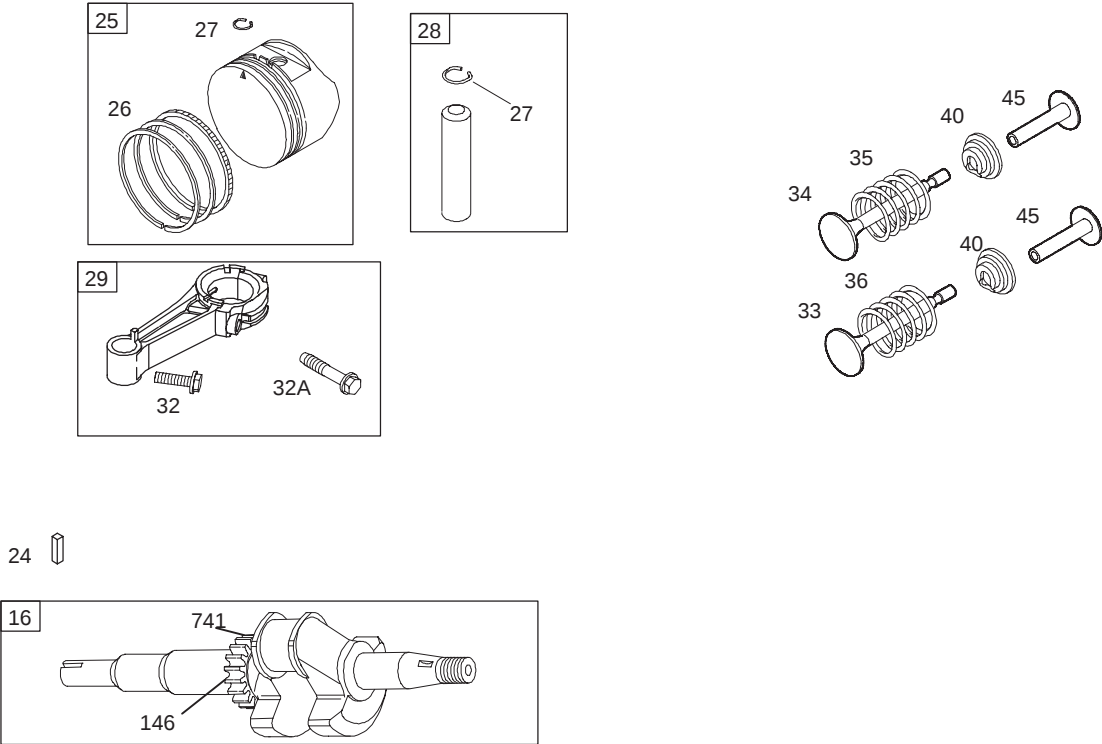


Cylinder Assembly Briggs and Stratton Model 12H802-1720-B1

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)		696276	1	Short Block
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.

Obtain Parts from Briggs and Stratton



Assemblies include all parts shown in frames.

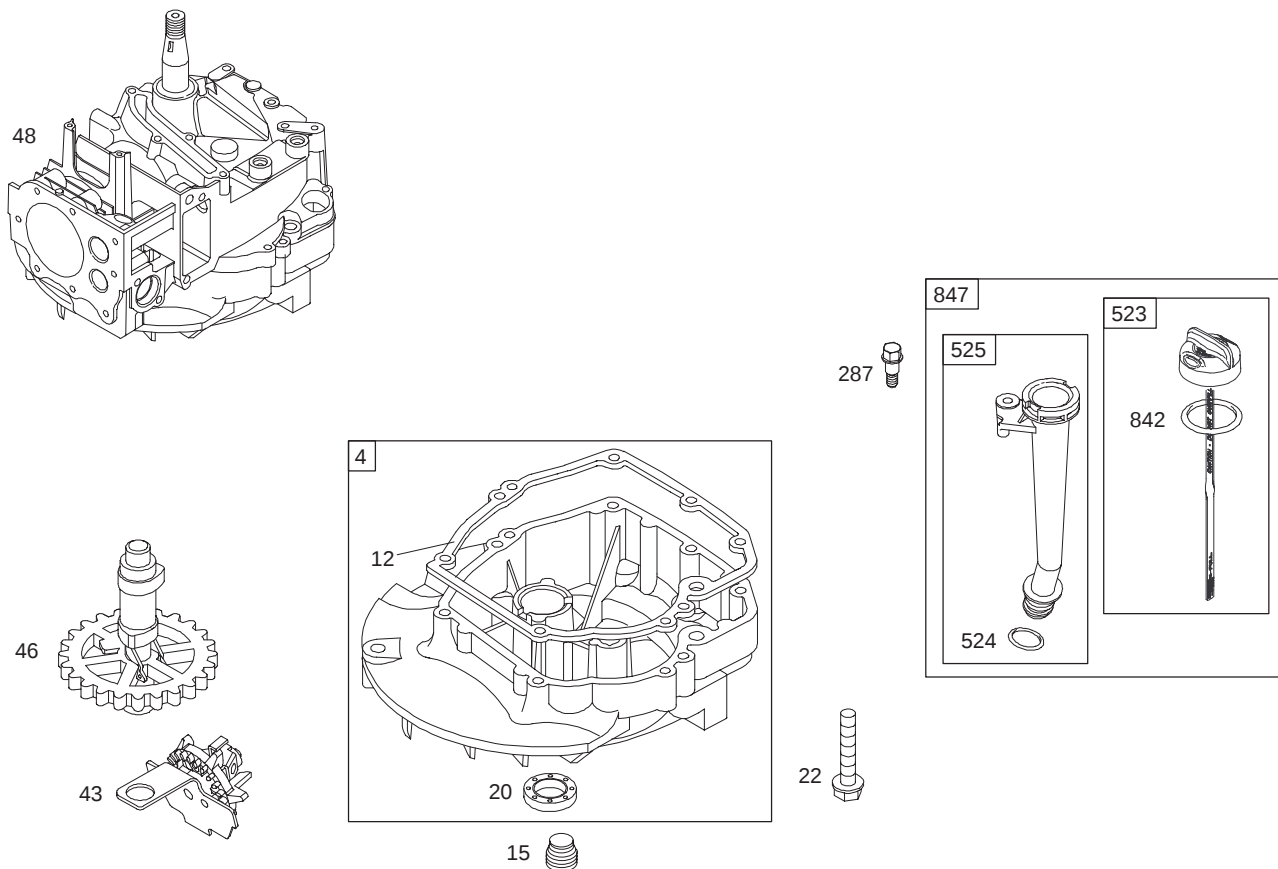
Crankshaft Assembly

Briggs and Stratton Model 12H802-1720-B1

Ref. No.	Part No.	Qty.	Description
16	696009	1	Crankshaft
24	222698	1	Flywheel Key
25	499429	1	Piston Assembly (Standard)
	499430	1	Piston Assembly (.010" Oversize)
	499431	1	Piston Assembly (.020" Oversize)
	499432	1	Piston Assembly (.030" Oversize)
26	499425	1	Ring Set (Standard)
	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)

Ref. No.	Part No.	Qty.	Description
32	691664	1	Screw (Connecting Rod)
32A	695759	1	Screw (Connecting Rod)
33	262651	1	Exhaust Valve
34	262652	1	Intake Valve
35	691270	1	Valve Spring (Intake)
36	691270	1	Valve Spring (Exhaust)
40	692194	1	Valve Retainer
45	691811	1	Tappet-Valve
146	690979	1	Timing Key
741	691830	1	Timing Gear

Obtain Parts from Briggs and Stratton



Assemblies include all parts shown in frames.

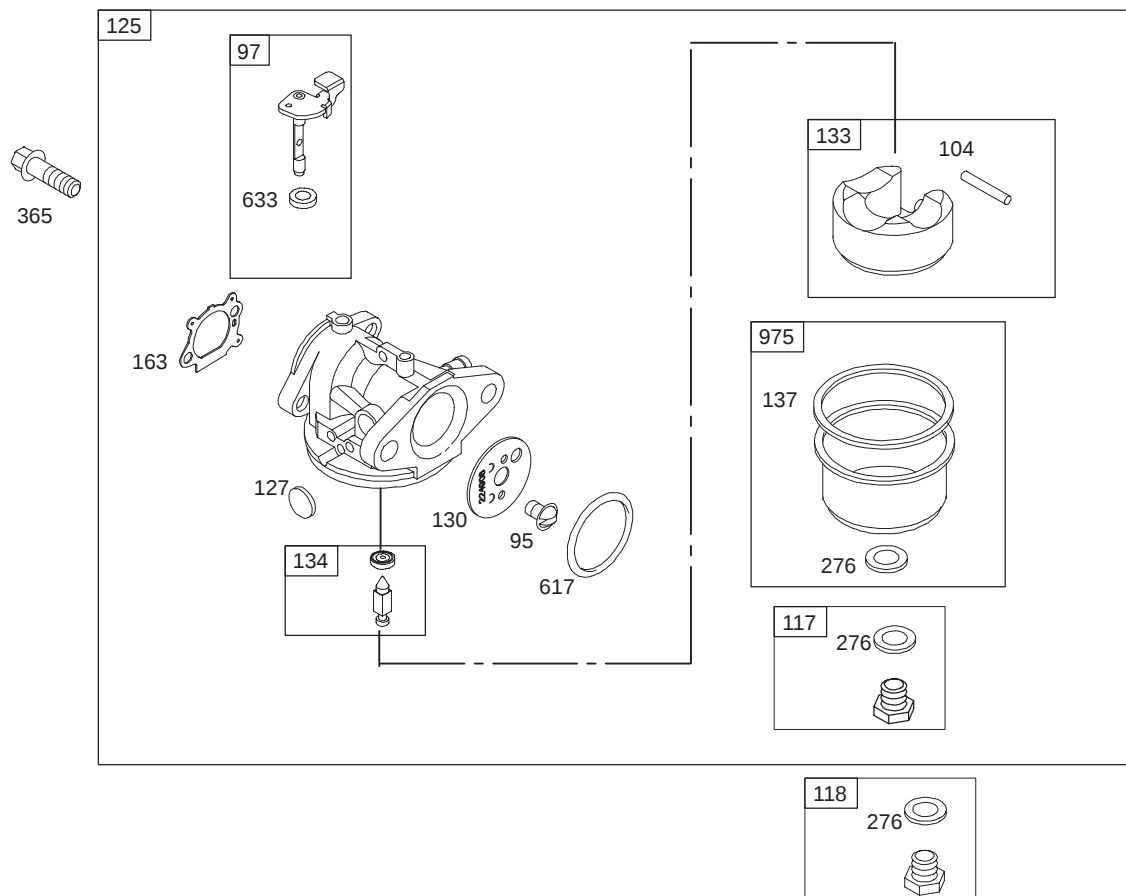
Crankcase Assembly

Briggs and Stratton Model 12H802-1720-B1

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.

Obtain Parts from Briggs and Stratton



Assemblies include all parts shown in frames.

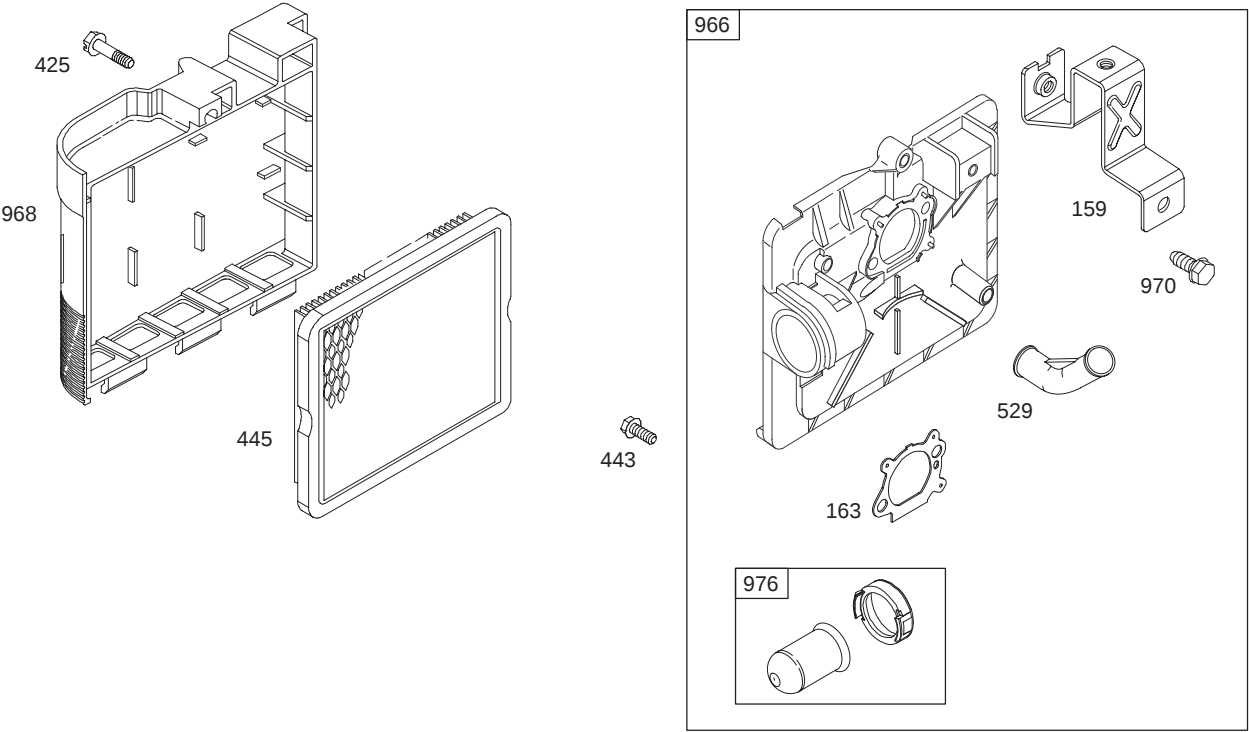
Carburetor Assembly Briggs and Stratton Model 12H802-1720-B1

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

Ref. No.	Part No.	Qty.	Description

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

- Obtain Parts from Briggs and Stratton**
◆ Included in Carburetor Gasket Set—Ref. 977.



Assemblies include all parts shown in frames.

Air Cleaner Assembly

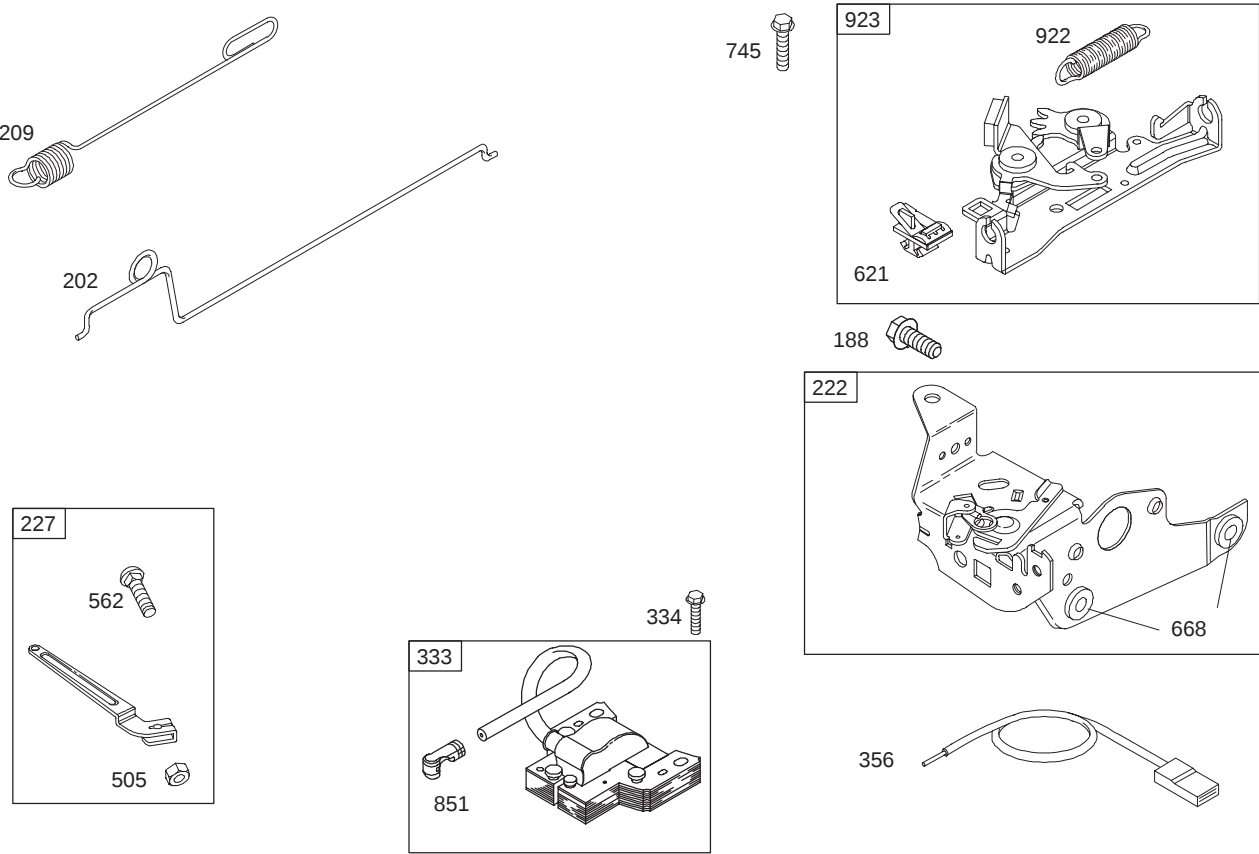
Briggs and Stratton Model 12H802-1720-B1

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.

◆ Obtain Parts from Briggs and Stratton
◆ Included in Carburetor Gasket Set-Ref. 977.

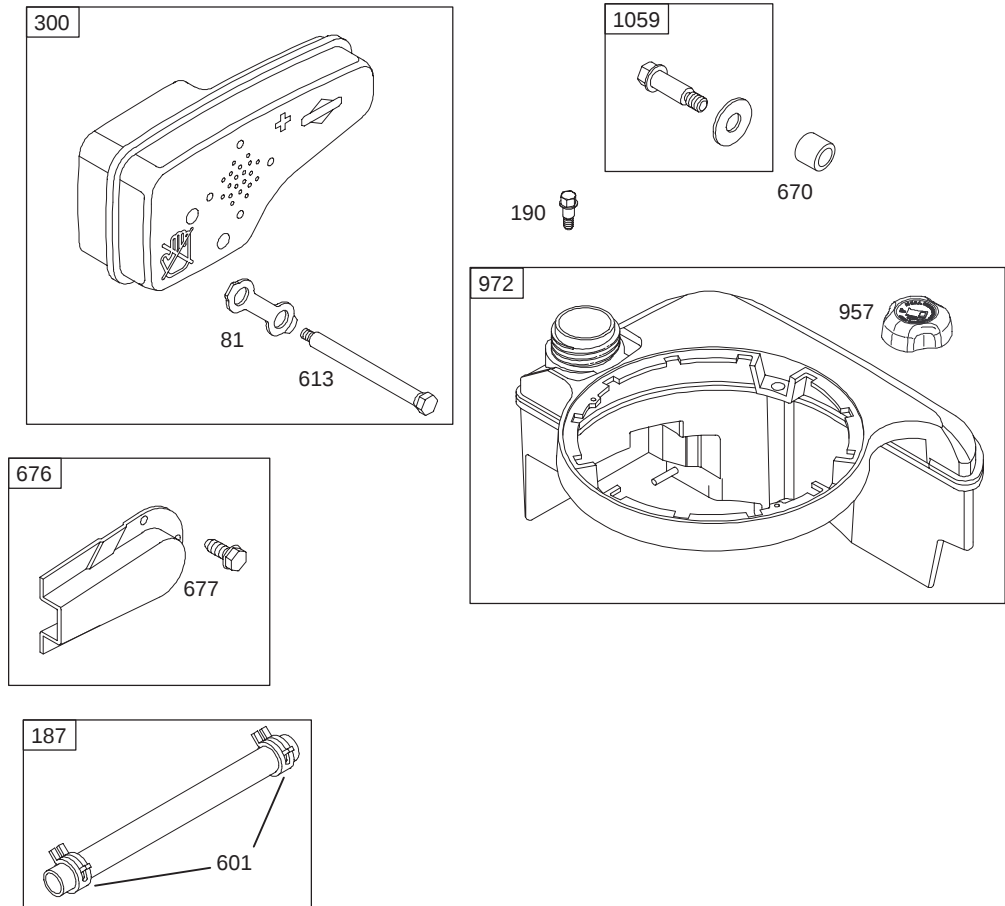


Assemblies include all parts shown in frames.

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				

Obtain Parts from Briggs and Stratton

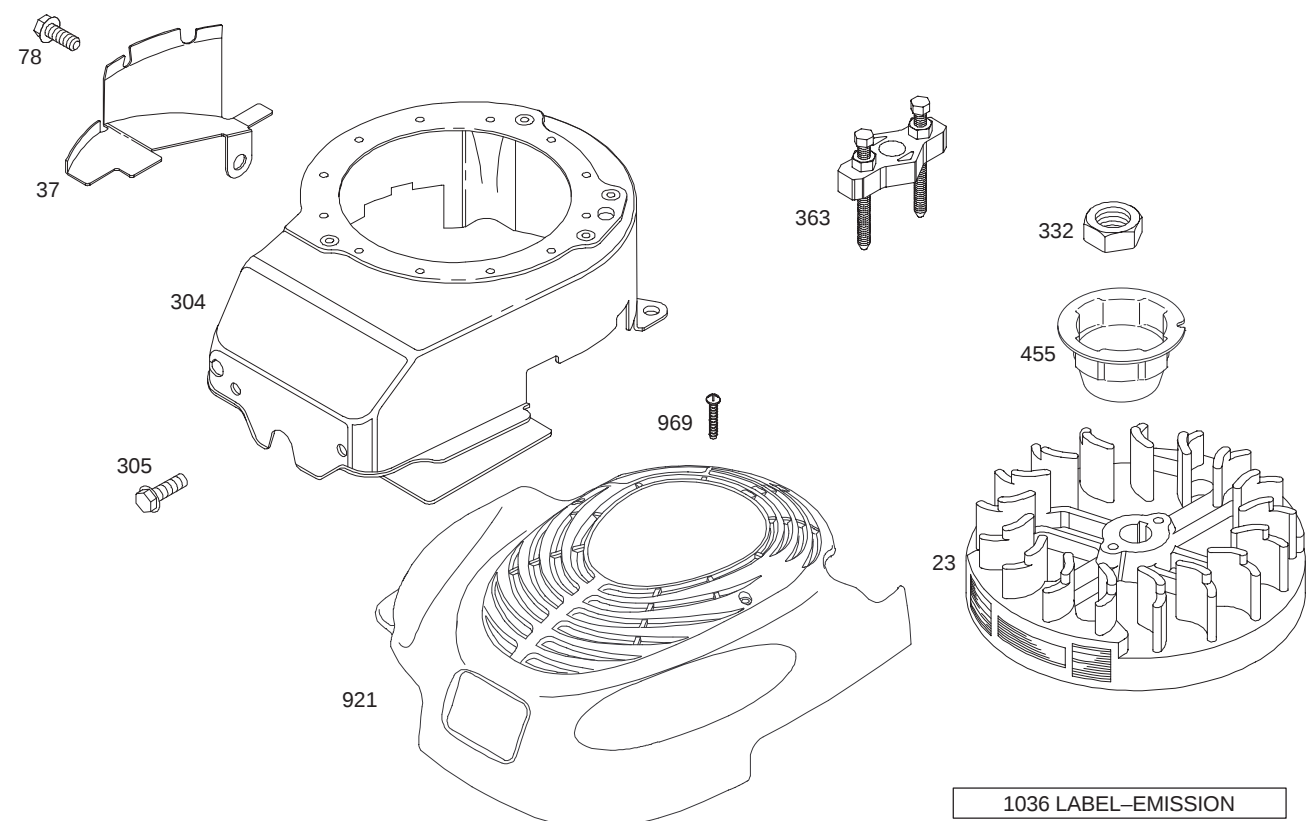


Assemblies include all parts shown in frames.

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				

Obtain Parts from Briggs and Stratton

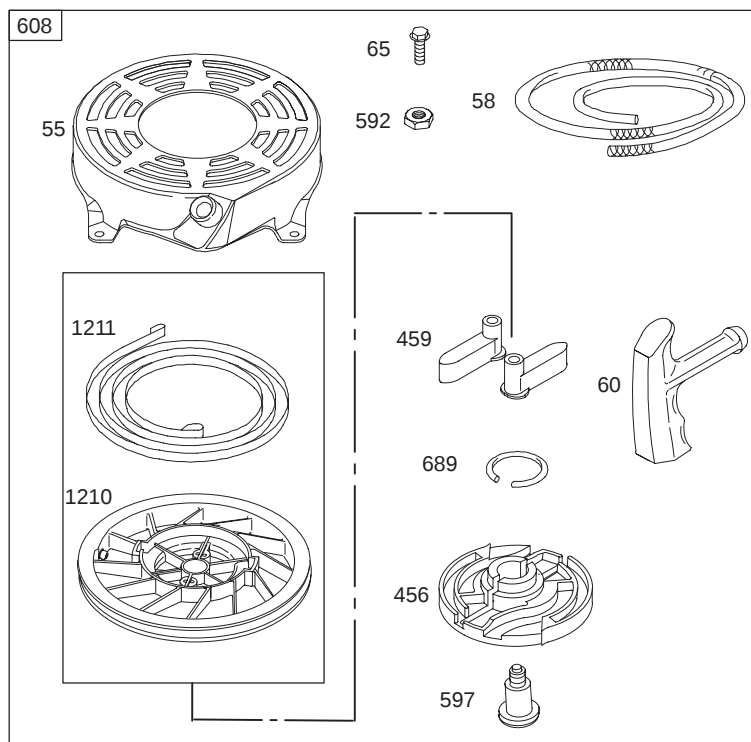


Assemblies include all parts shown in frames.

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				

Obtain Parts from Briggs and Stratton

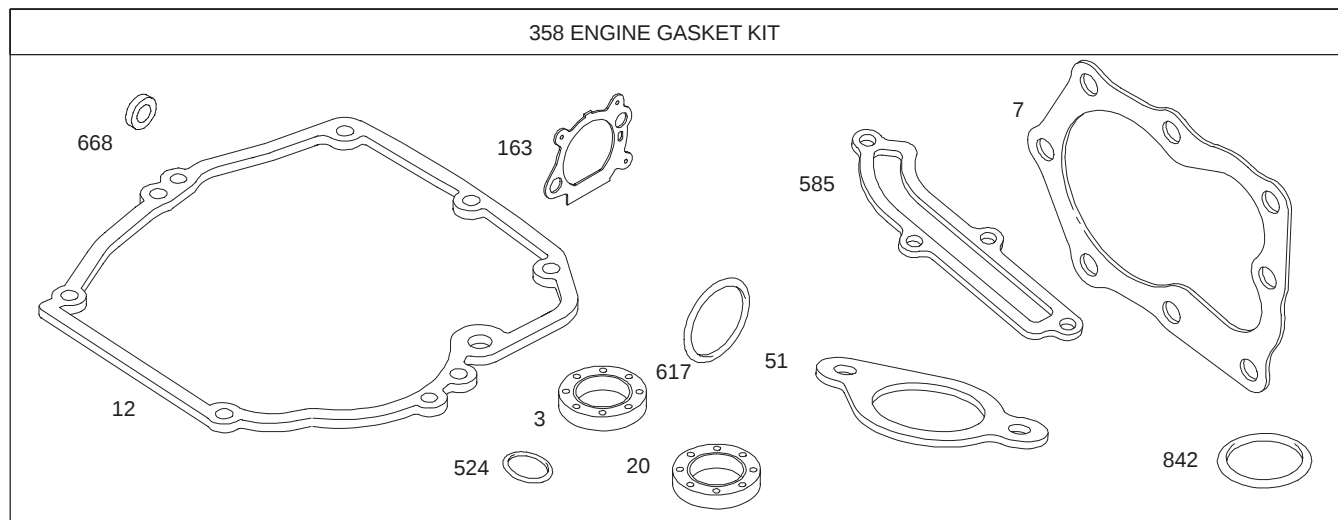


Starter Assembly

Briggs and Stratton Model 12H802-1720-B1

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)

Obtain Parts from Briggs and Stratton



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

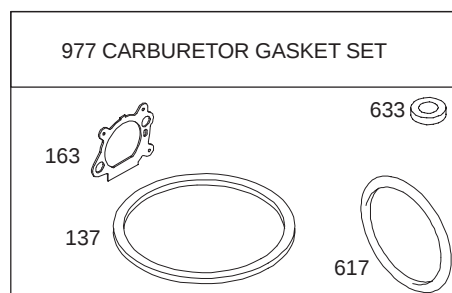
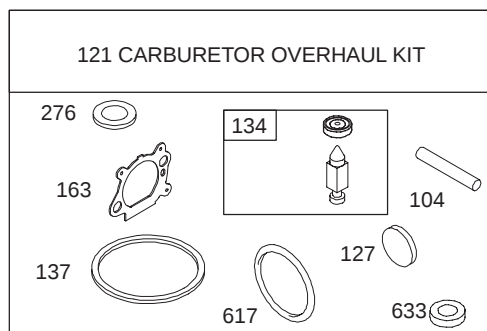
- Included in Carburetor Overhaul Kit—Ref. 121.

★ Included in Engine Gasket Set—Ref. 358.

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Obtain Parts from Briggs and Stratton

◆ 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.

- Obtain Parts from Briggs and Stratton**
◆ Included in Carburetor Gasket Set—Ref. 977.

Maintenance Record

[illegible]

Maintenance Record

[illegible]

