Form Number 3350-993

48cm Recycler®/Rear Bagging Lawnmower

Model No. 20833 - 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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Part Description Abbreviations

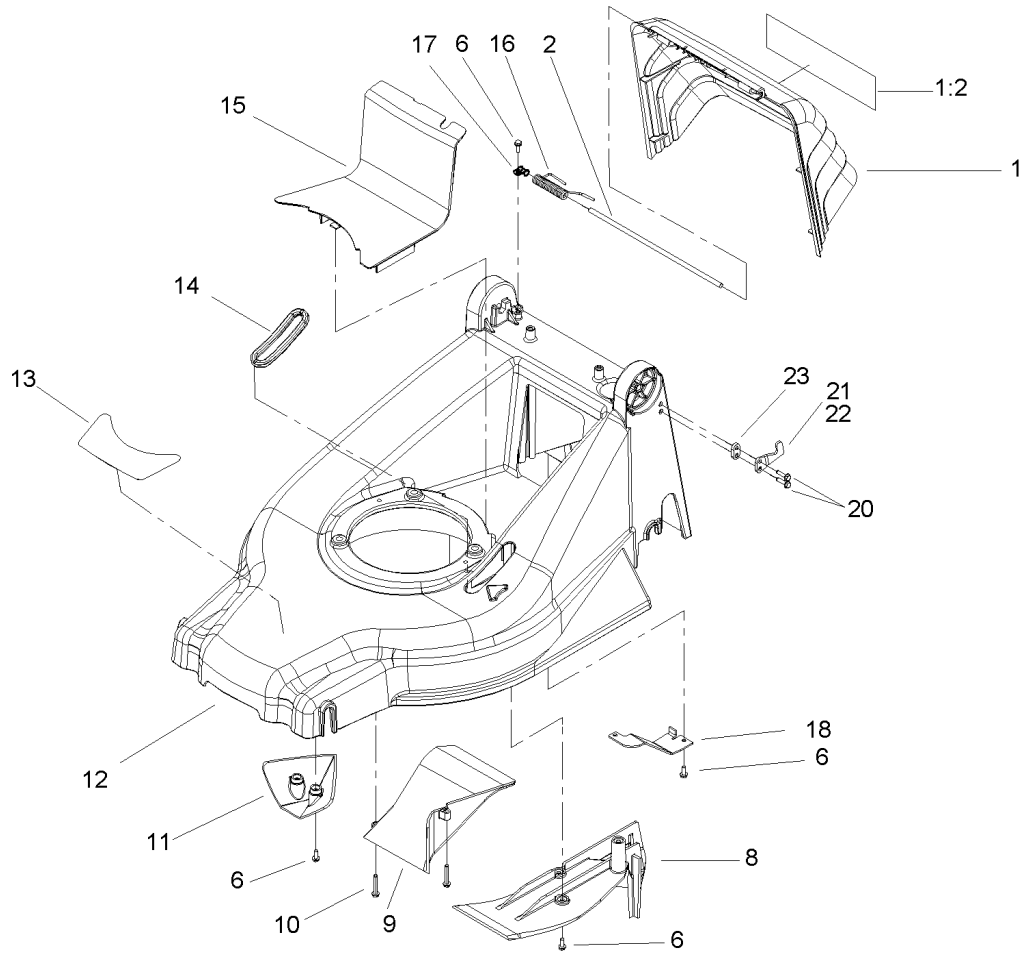
Part descriptions in this catalog may include the following abbreviations.

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

PROTOTYPE

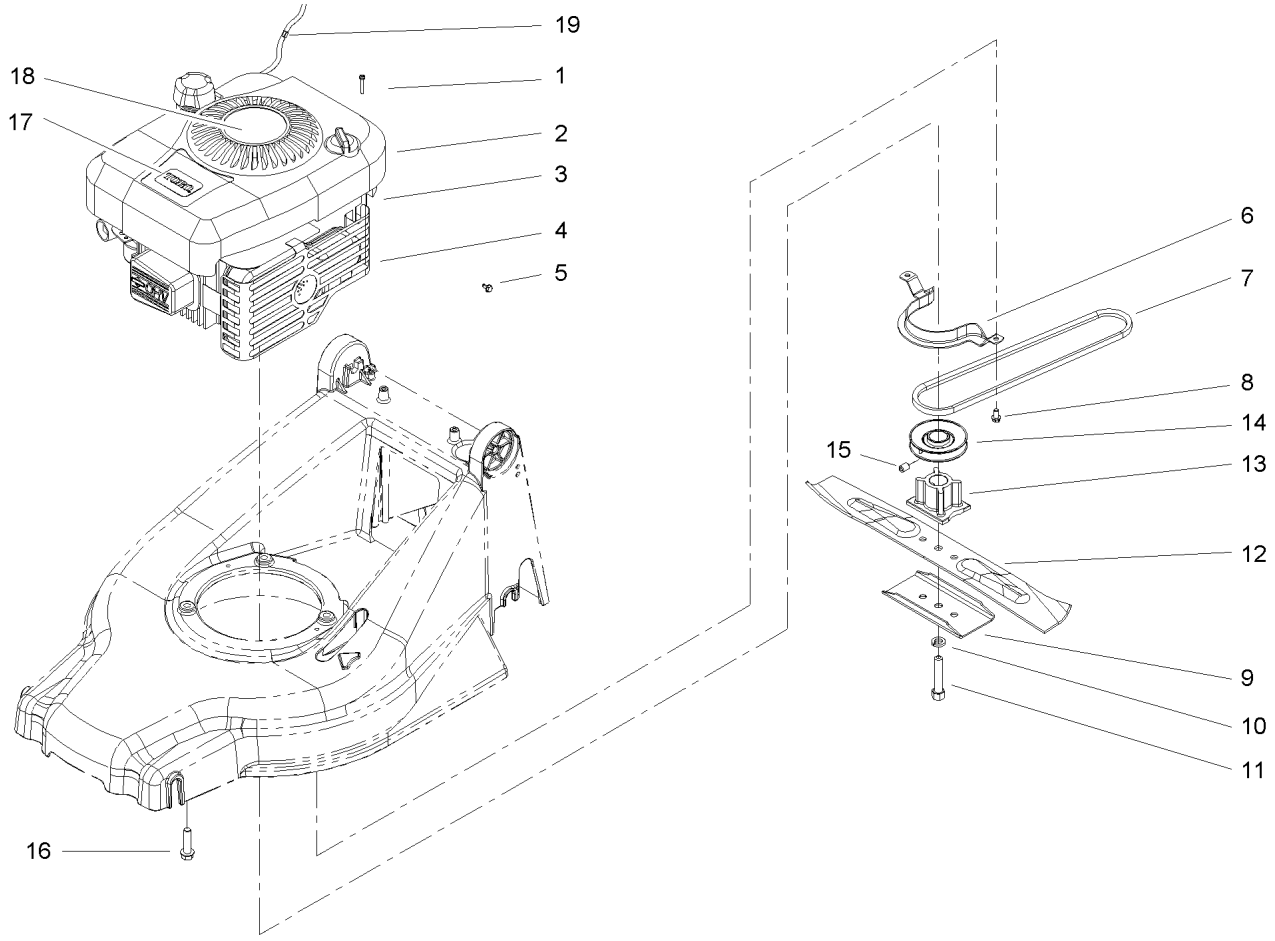
❶ Not illustrated
❷ Not serviced separately
❸ Included in Engine Gasket Set-Ref. 358.
❹ Included in Carburetor Overhaul Kit-Ref. 121.
❺ Included in Carburetor Gasket Set-Ref. 977.
❻ Obtain parts from your local Briggs & Stratton dealer



Deck and Kicker Assembly

Ref	Part No.	Qty.	Description
1	100-9115	1	Door ASM
1:2	93-4105	1	Decal-Danger
2	100-1509	1	Rod-Pivot
6	32144-1	9	Screw-Taptite
8	99-6486	1	Cover-Kicker, Rear
9	100-1506	1	Ramp-Discharge
10	100-4352	2	Screw-HWH
11	106-4189	1	Kicker
12	104-7579	1	Deck
13	106-5792	1	Decal-Deck
14	100-3932	1	Boot-HOC
15	99-6479	1	Cover-Belt
16	104-7594	1	Spring-Torsion
17	98-2256	2	Clamp
18	100-9123-03	1	Bracket-Deck
20	100-4351	4	Screw-HWH
21	104-7557	1	Hook-Left
22	104-7558	1	Hook-Right
23	104-7556	2	Spacer

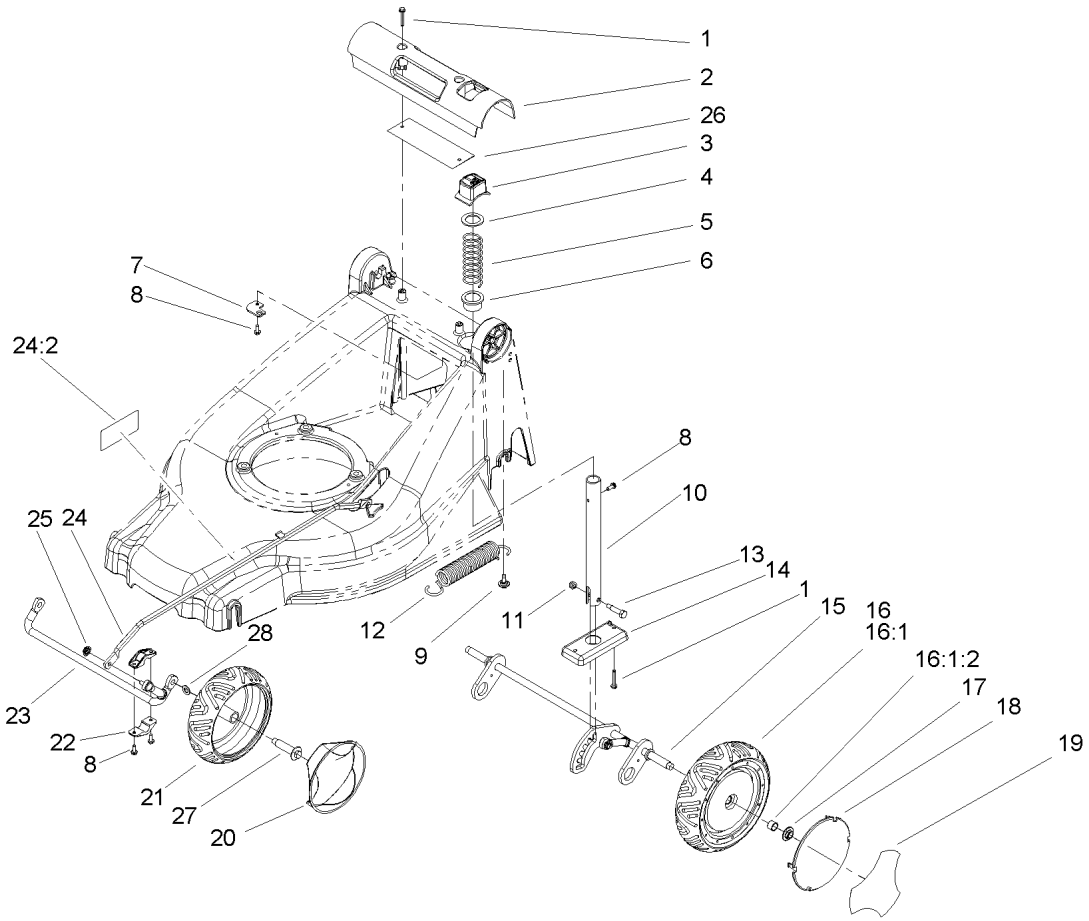
PROTOTYPE



Engine and Blade Assembly

Ref	Part No.	Qty.	Description
1	32144-97	2	Screw-Pph, Plastite
2	105-8564	1	Shroud-Quantum
❷3		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	106-5781-03	1	Blade
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	106-5790	1	Decal
19	2210-316	1	Stop-Rope

PROTOTYPE

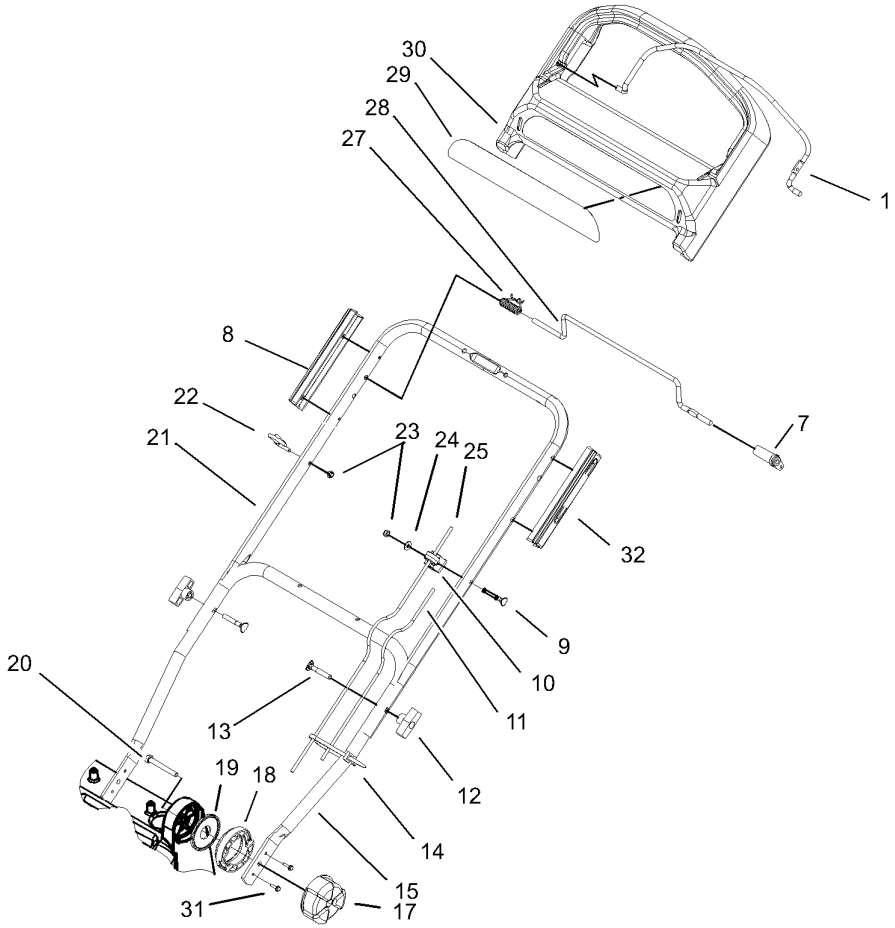


Height of Cut Wheel Assembly

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 And Tire ASM
❶16:1		1	Wheel ASM
16:1:2	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

Ref	Part No.	Qty.	Description
23	104-7562	1	Front Axle ASM
24	100-9116	1	Rod ASM
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

PROTOTYPE

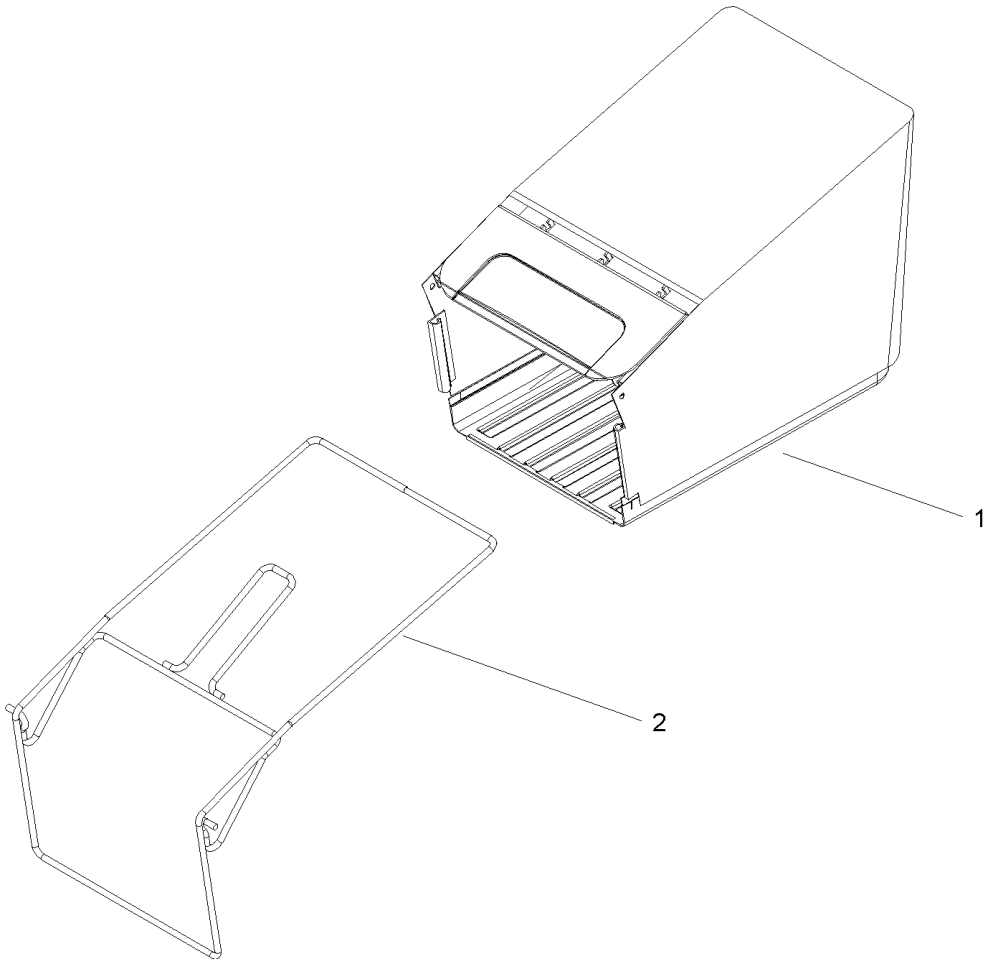


Lower Handle and Adjusting Knob Assembly

Ref	Part No.	Qty.	Description
1	104-8679-03	1	Bail-Brake
7	99-1589	1	Lever-Traction
8	105-6841	1	Guide-RH
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
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	104-8680-05	1	Handle-Upper
22	86-9671	1	Guide-Rope
23	3296-73	2	Nut-Lock, NI
24	3256-1	1	Washer-Flat
25	106-8551	1	Cable-Brake
27	104-8690	1	Spring-Torsion
28	99-1588	1	Bar-Control, Traction
29	106-5791	1	Decal-Automatic
30	104-8678	1	Handle-Control
31	100-4351	4	Screw-HWH

Ref	Part No.	Qty.	Description
32	105-6842	1	Guide-LH

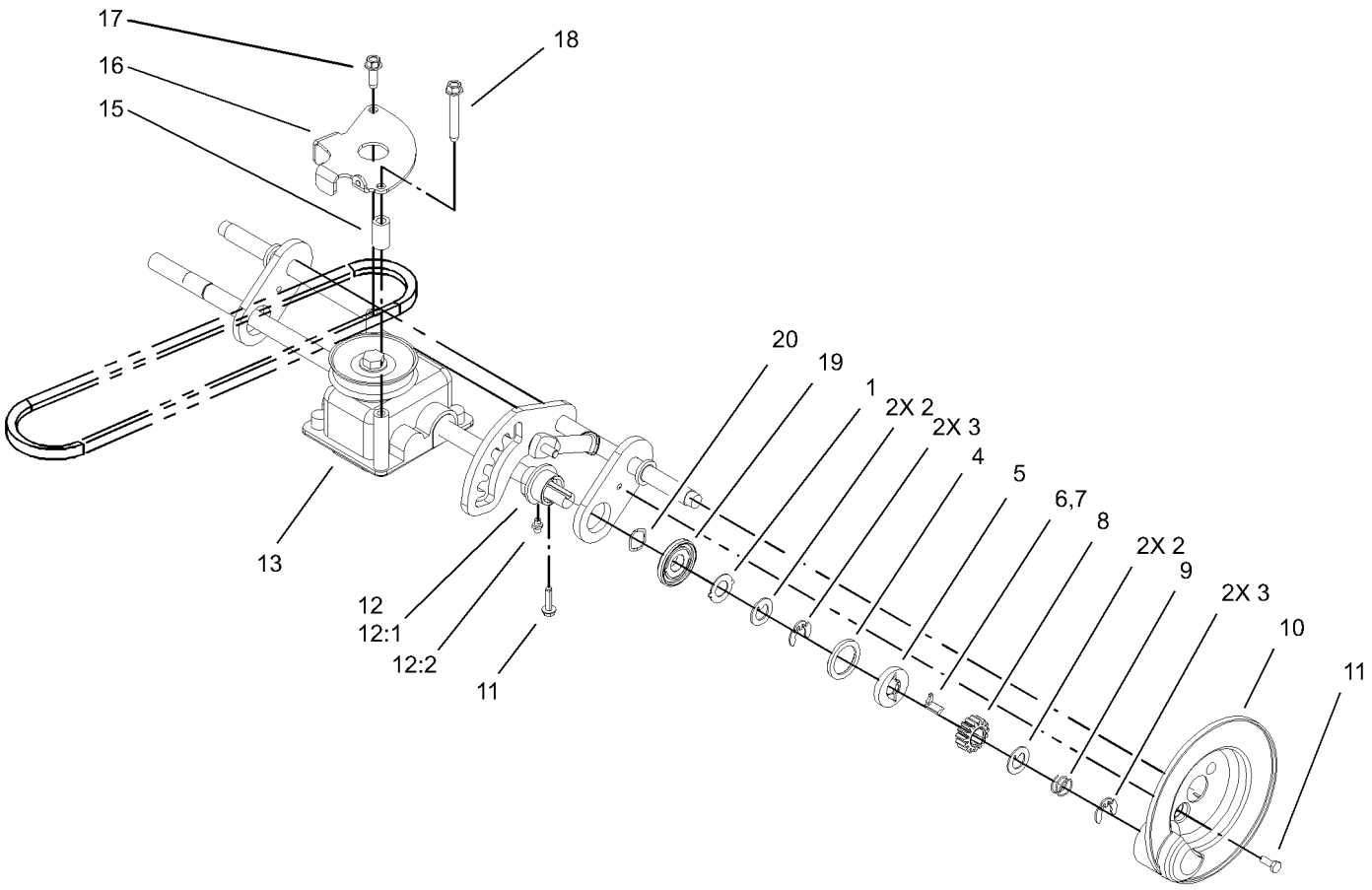
PROTOTYPE



Grass Bag Assembly

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

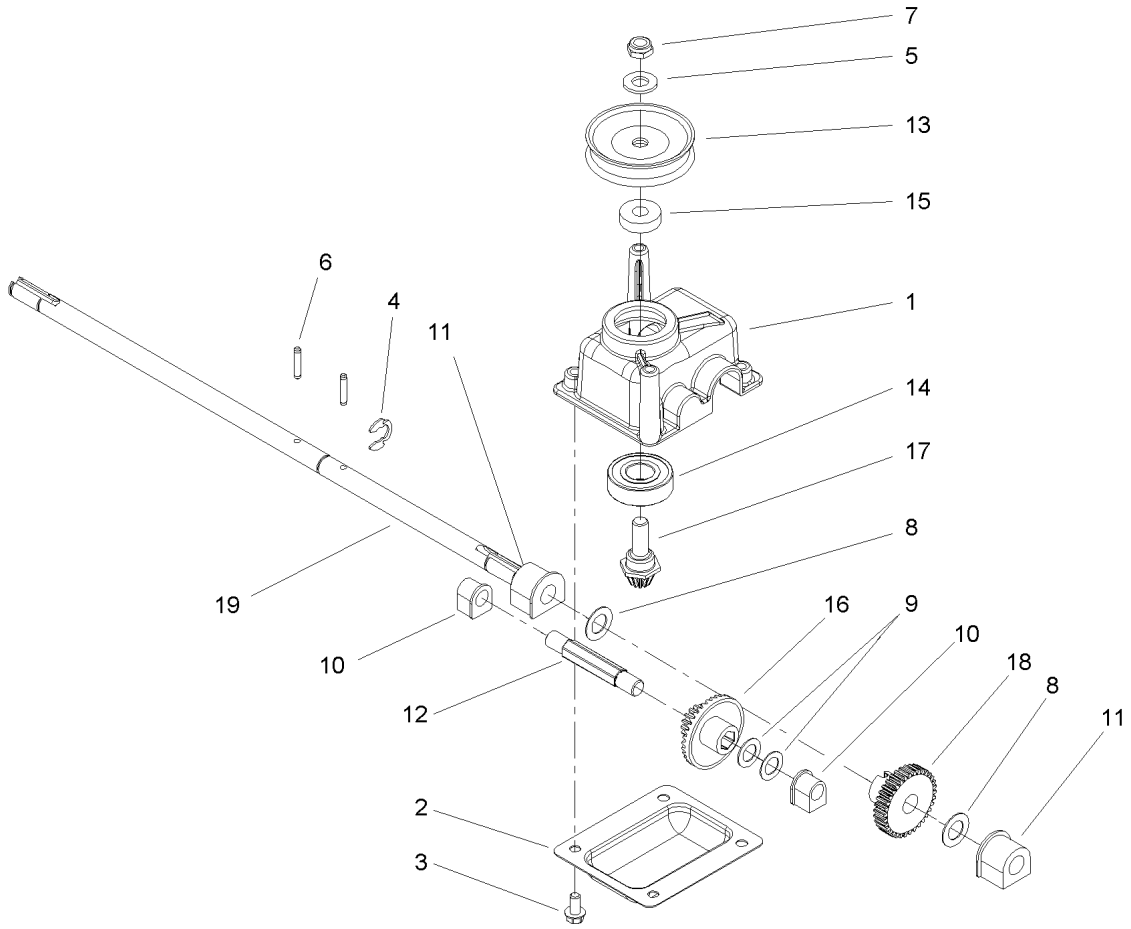
PROTOTYPE



Rear Axle Assembly

Ref	Part No.	Qty.	Description
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
11	32144-1	4	Screw-Taptite
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, Thread Forming
19	100-1511	2	Retainer-Ring
20	100-1515	2	Washer-Wave

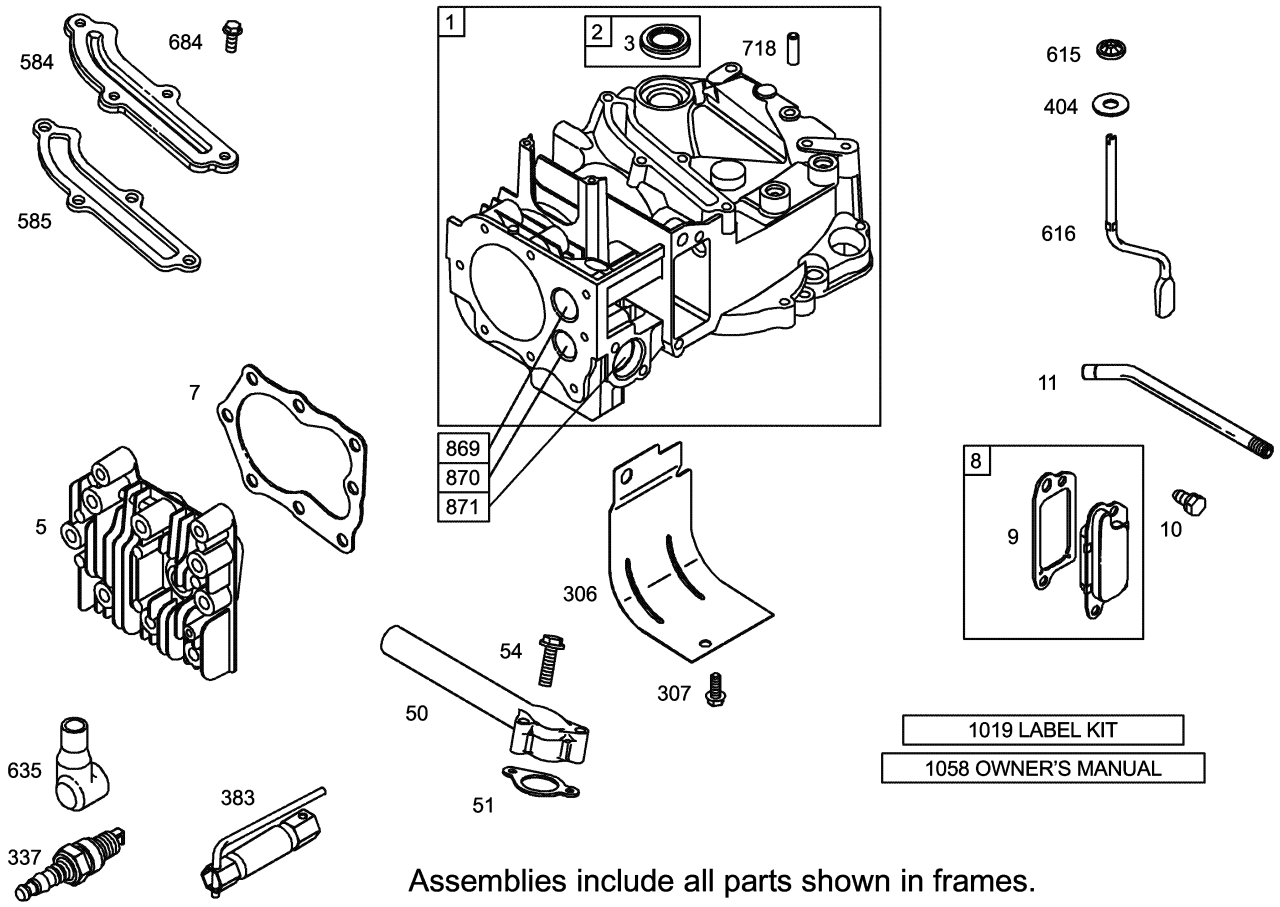
PROTOTYPE



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



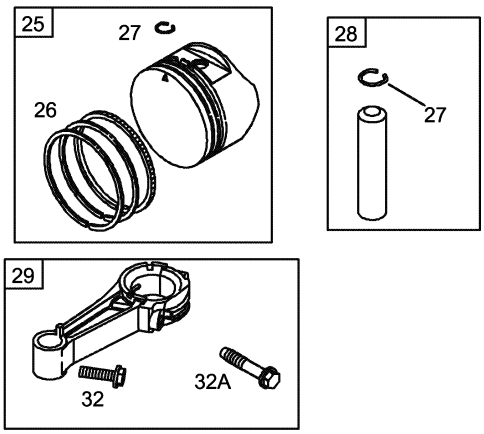
Assemblies include all parts shown in frames.

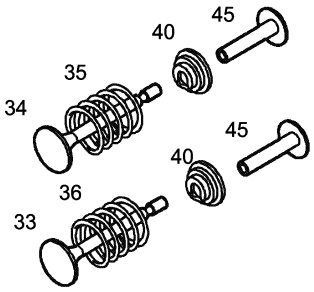
Cylinder Assembly
Briggs and Stratton 12H802-1720-B1

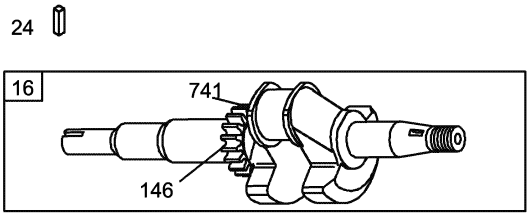
Ref	Part No.	Qty.	Description
❻1	493260	1	Cylinder
❻2	293708	1	Bushing
❸❻3	299819	1	Seal–oil (Magneto Side)
❻5	691160	1	Head–cylinder
❸❻7	692249	1	Gasket–cylinder Head
❻8	695250	1	Breather ASM
❻9	696125	1	Gasket-Breather
❻10	691125	1	Screw (Breather Asm)
❻11	691781	1	Tube–breather (Cylinder Head)
❻50	497465	1	Manifold–intake
❸❻51	272199	1	Gasket–intake
❻54	691650	1	Screw (Intake Manifold)
❻306	690450	1	Shield-Cylinder
❻307	690345	1	Screw (Starter Gear Cover)
❻337	802592	1	Plug–spark
❻383	89838	1	Wrench–spark Plug
❻404	690272	1	Washer (Governor Crank)
❻615	690340	1	Retainer–shaft, Governor
❻616	691308	1	Crank–governor
❻584	692342	1	Cover–breather Passage
❸❻585	691879	1	Gasket–breather Passage
❻635	66538	1	Boot–spark Plug
❻684	690345	1	Screw (Starter Gear Cover)
❻718	690959	1	Pin–locating

Ref	Part No.	Qty.	Description
❻869	691155	1	Seat–valve (Intake)
❻870	690380	1	Seat–valve (Exhaust)
❻871	262001	1	Bushing–guide (Exhaust)
❶❻	63709	1	Bushing–guide (Intake)
❻1019	494256	1	Kit–label
❻1058	274978	1	Manual-Owners
❶❻	696276	1	Short Block

PROTOTYPE





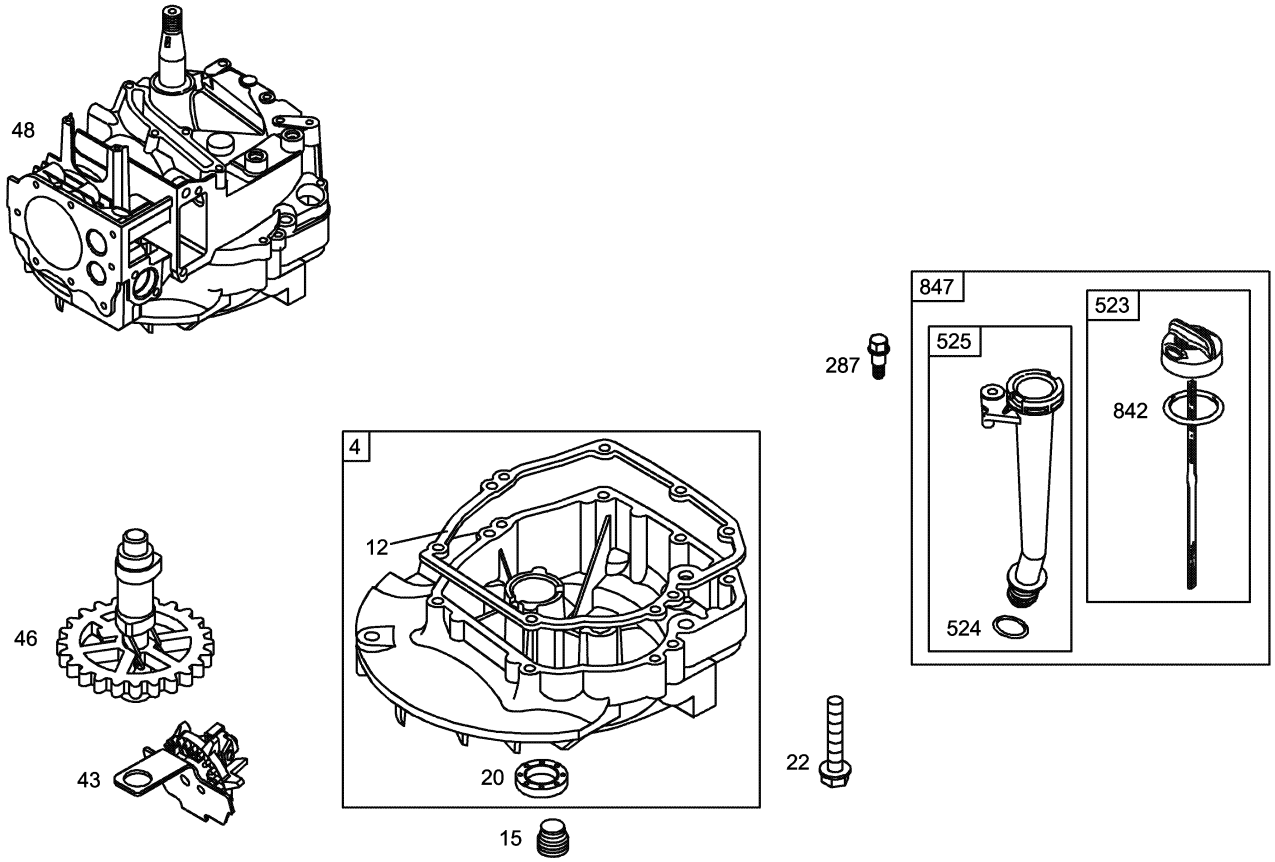


Assemblies include all parts shown in frames.

Crankshaft Assembly
Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
❻16	696009	1	Crankshaft
❻24	222698	1	Key–flywheel
❻25	499429	1	Piston Asm. (Standard)
❻	499430	1	Piston ASM
❻	499431	1	Piston Asm. (.020" O.s.)
❻	499432	1	Piston Asm. (.030" O.s.)
❻26	499425	1	Ring Set (Standard)
❻	499426	1	Ring Set (.010" O.s.)
❻	499427	1	Ring Set (.020" Oversize)
❻	499428	1	Ring Set (.030" O.s.)
❻27	691866	1	Lock–piston Pin
❻28	499423	1	Piston Pin (Standard)
❻	298908	1	Piston Pin (.005" Undersize)
❻29	499424	1	Connecting Rod (Standard)
❻32	691664	1	Screw (Connecting Rod)
❻32A	695759	1	Screw (Connecting Rod)
❻33	262651	1	Valve–exhaust
❻34	262652	1	Valve–intake
❻35	691270	1	Spring–valve (Exhaust)
❻36	691270	1	Spring–valve (Exhaust)
❻40	692194	1	Retainer–valve
❻45	691811	1	Keeper-Valve
❻146	690979	1	Key–timing
❻741	691830	1	Gear–timing

PROTOTYPE

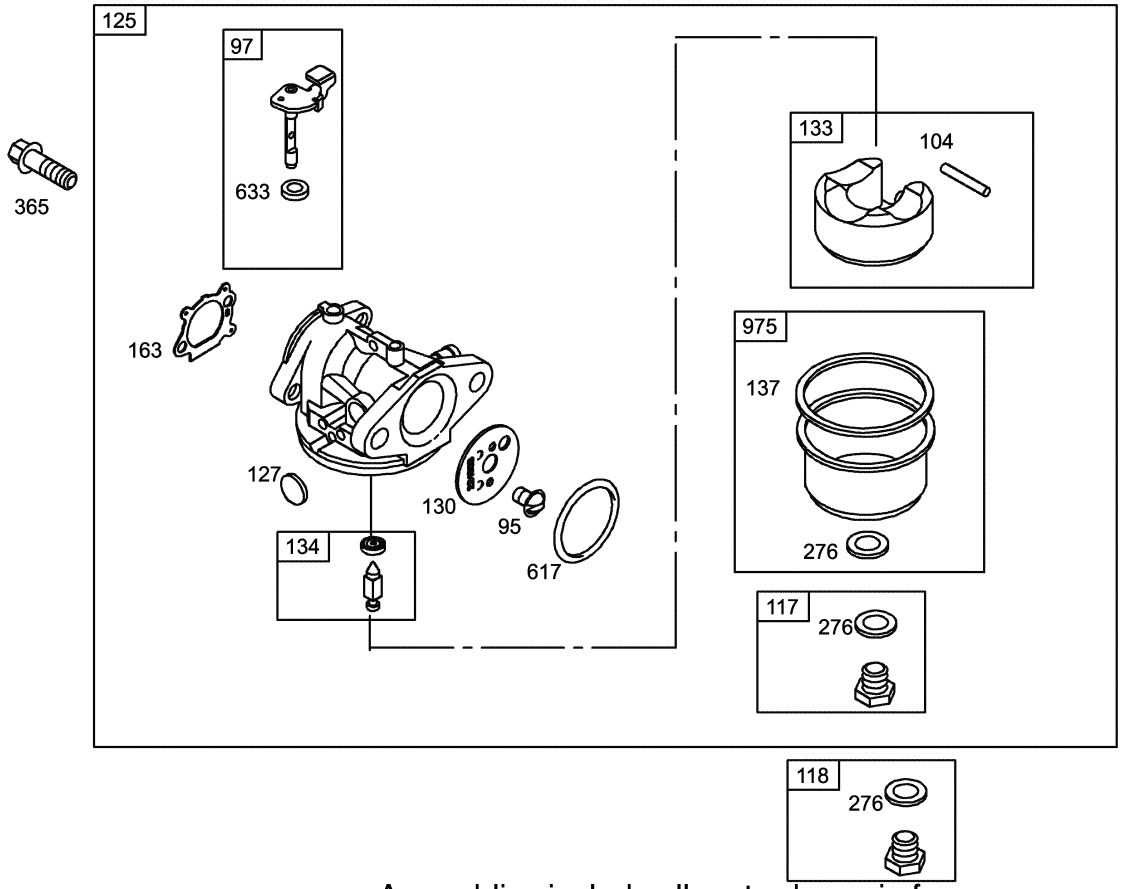


Assemblies include all parts shown in frames.

Crankcase Assembly
Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
❻4	493279	1	Sump–engine
❸❻12	692232	1	Gasket-Crankcase (.015 Thick, Standard)
❻15	691680	1	Plug–oil Drain
❸❻20	399781	1	Seal–oil (Pto Side)
❻22	691092	1	Screw (Engine Sump)
❻43	691997	1	Slinger–governor/oil
❻46	691449	1	Camshaft
❻48	696276	1	Short Block
❻287	690940	1	Screw (Fuel Tank)
❻523	499621	1	Dipstick
❸❻524	692296	1	Seal–o Ring (Dipstick Tube)
❻525	495265	1	Tube-Dipstick
❸❻842	691031	1	Seal–o Ring (Dipstick Tube)
❻847	692047	1	Dipstick/tube ASM

PROTOTYPE

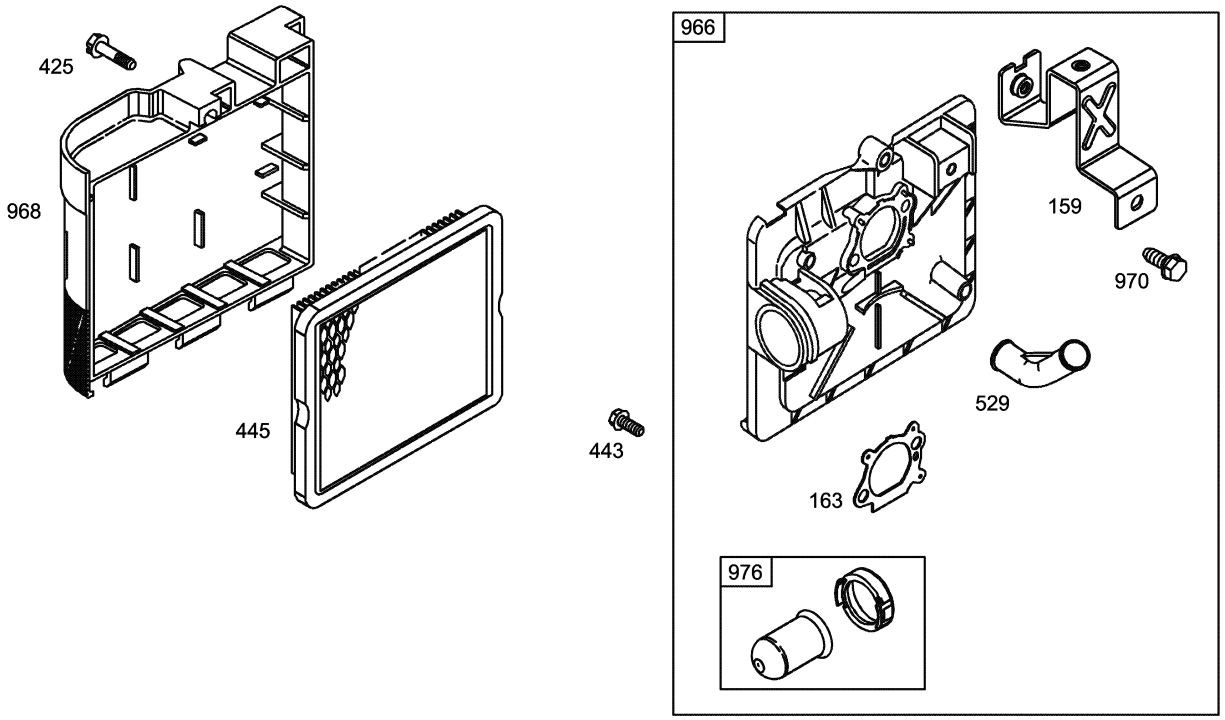


Assemblies include all parts shown in frames.

Carburetor Assembly
Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
❻95	691636	1	Screw (Throttle Valve)
❻97	696565	1	Shaft–throttle
❹❻104	691242	1	Pin–float Hinge
❻117	498978	1	Jet–main (Standard)
❻118	497466	1	Screw-Bowl Mtg. (Std.) Note: 496495 Screw Bowl Mtg. (High Altitude)
❻125	498170	1	Carburetor
❹❻127	694468	1	Plug–welch
❻130	696564	1	Valve–throttle
❻133	398187	1	Float–carburetor
❹❻134	398188	1	Kit–needle/seat
❹❺137 ❻	693981	1	Gasket–bowl, Float
❸❹163 ❺❻	272653	1	Gasket–air Cleaner
❹❻276	271716	1	Washer–sealing
❻365	692524	1	Screw (Carburetor)
❹❺617 ❻	270344	1	Seal–o Ring (Intake Manifold)
❹❺633 ❻	691321	1	Seal–choke/throttle Shaft
❻975	493640	1	Bowl–float

PROTOTYPE

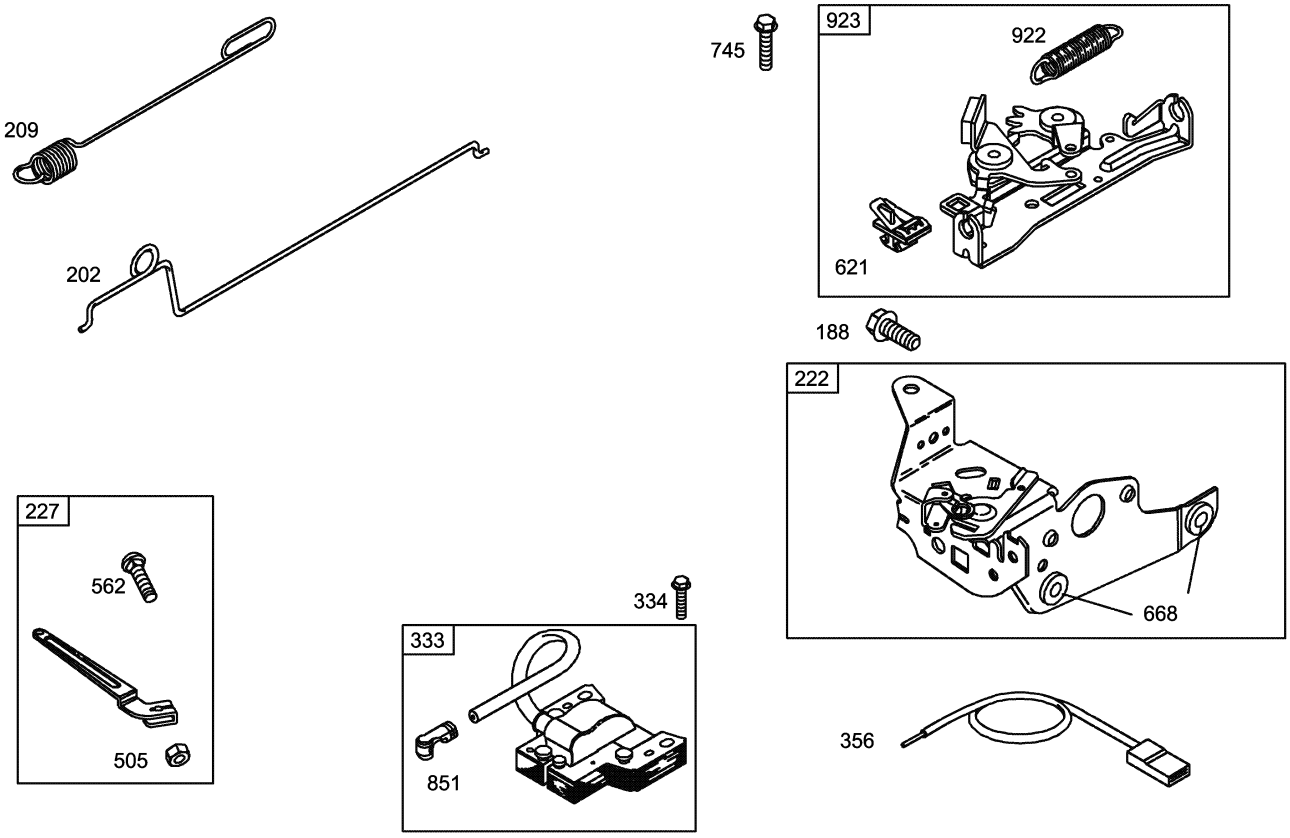


Assemblies include all parts shown in frames.

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

Ref	Part No.	Qty.	Description
❻159	691753	1	Primer Bracket-Air Cleaner
❸❻163	272653	1	Gasket–air Cleaner
❻425	690670	1	Screw (Air Cleaner Cover)
❻443	692523	1	Screw (Air Cleaner Primer Base)
❻445	491588	1	Filter–air Cleaner Cartridge
❻529	691923	1	Grommet
❻966	496116	1	Base–air Cleaner Primer
❻968	692298	1	Cover–air Cleaner
❻970	691669	1	Screw (Air Cleanerprimer Bracket)
❻976	694395	1	Primer–carburetor

PROTOTYPE

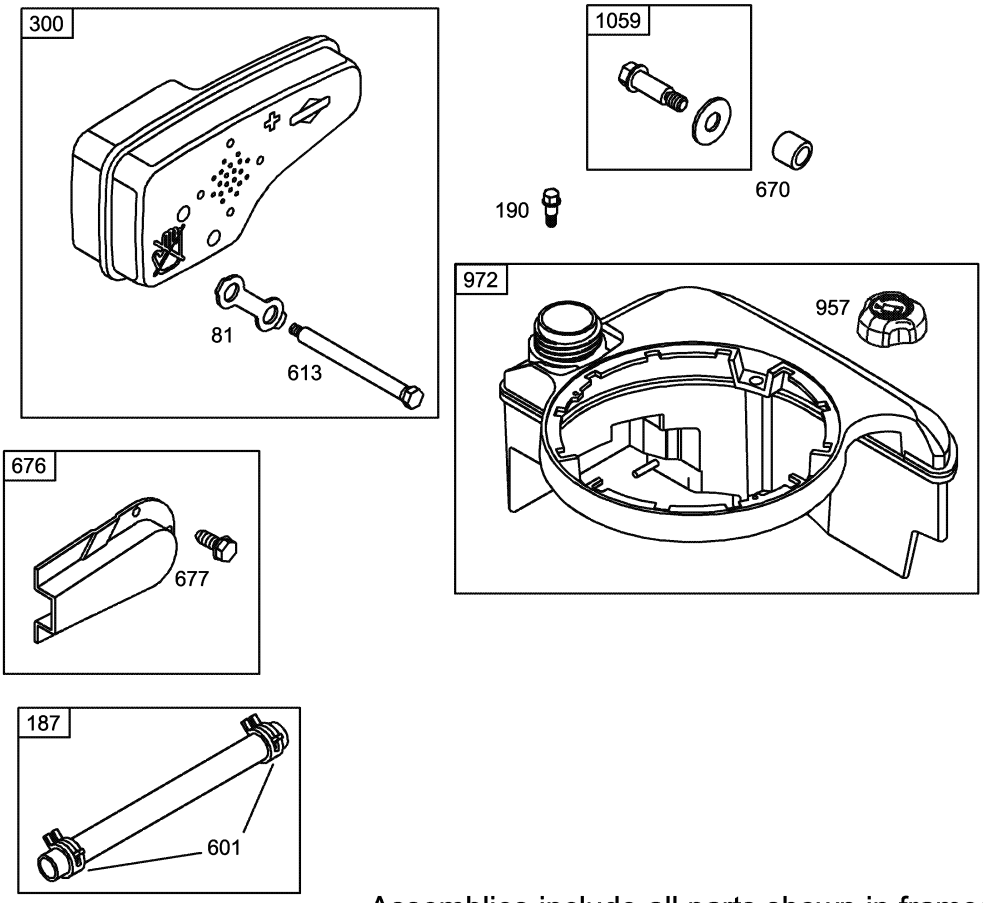


Assemblies include all parts shown in frames.

Governor Assembly
Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
❻188	690877	1	Nut (Flywheel)
❻202	691829	1	Link–governor, Mechanical
❻209	691852	1	Spring–governor
❻222	692467	1	Bracket–control
❻227	690783	1	Lever–control, Governor
❻333	802574	1	Armature–magneto
❻334	691061	1	Screw (Magneto Armature)
❻356	692390	1	Wire–stop
❻505	231082	1	Nut (Governor Control Lever)
❻562	92613	1	Bolt-Lever
❻621	692310	1	Switch–stop
❻668	493823	1	Spacer
❻745	691648	1	Screw (Brake)
❻851	493880	1	Terminal–spark Plug
❻922	691831	1	Spring–brake
❻923	691994	1	Brake

PROTOTYPE

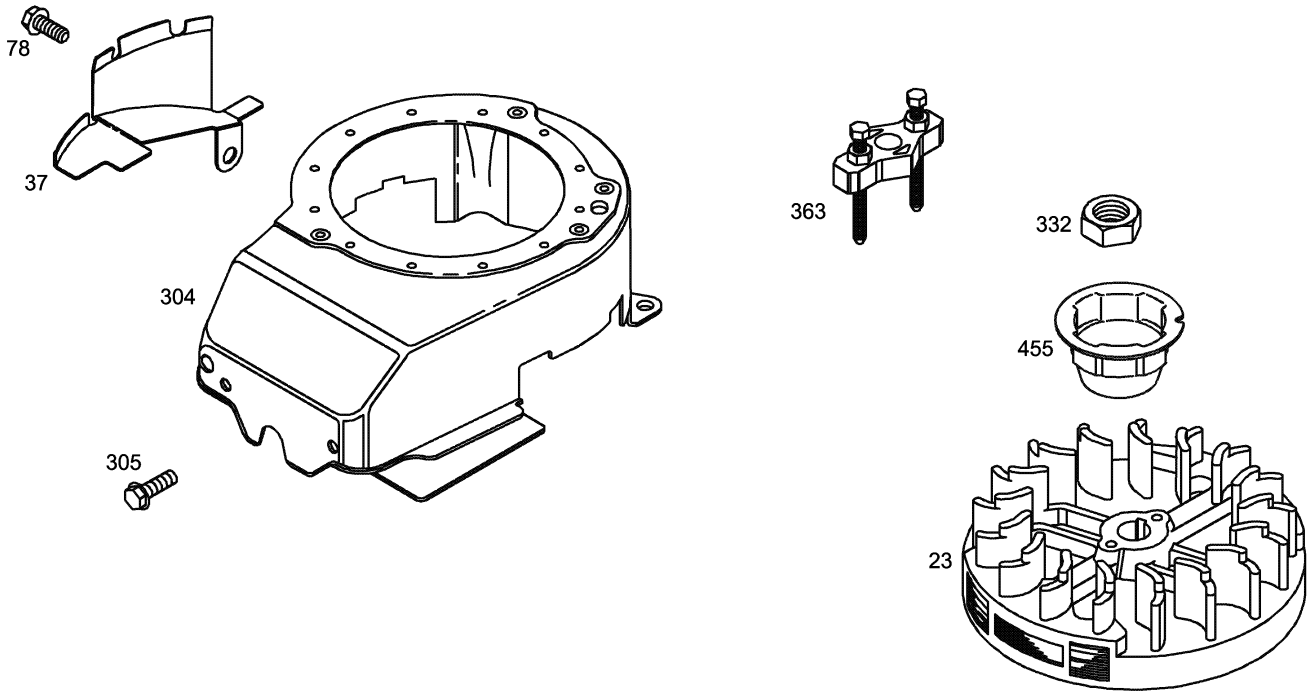


Assemblies include all parts shown in frames.

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

Ref	Part No.	Qty.	Description
❻81	691740	1	Lock–muffler Screw
❻187	691050	1	Line–fuel (Cut To Required Length)
❻190	690940	1	Screw (Fuel Tank)
❻300	692038	1	Muffler
❻601	95162	1	Clamp–hose
❻613	691340	1	Screw (Muffler)
❻670	692294	1	Spacer–fuel Tank
❻676	493871	1	Deflector–muffler
❻677	690661	1	Screw (Muffler Deflector)
❻957	692046	1	Cap–fuel Tank
❻972	499618	1	Tank–fuel
❻1059	692311	1	Kit–screw/washer

PROTOTYPE

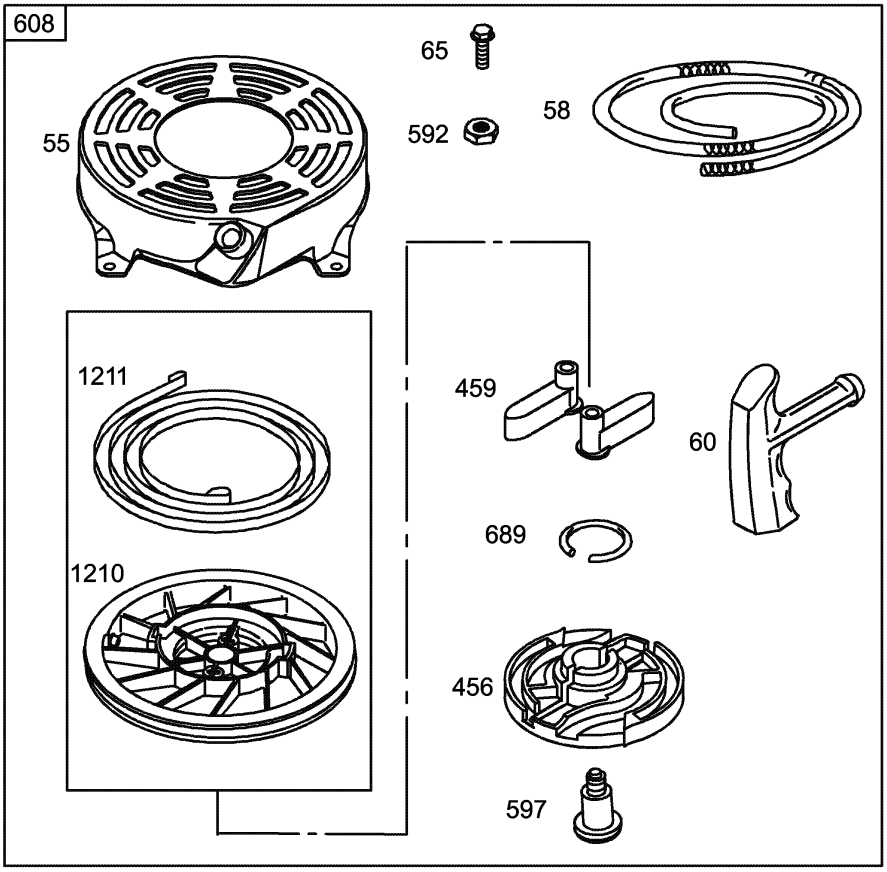


Assemblies include all parts shown in frames.

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

Ref	Part No.	Qty.	Description
❻23	692315	1	Flywheel
❻37	694086	1	Guard–flywheel
❻78	691108	1	Screw (Blower Housing)
❻304	493293	1	Housing–blower
❻305	691108	1	Screw (Blower Housing)
❻332	690877	1	Nut (Flywheel)
❻363	19069	1	Puller–flywheel
❻455	695161	1	Cup/screen Assembly
❻1036	695111	1	Label-Emissions

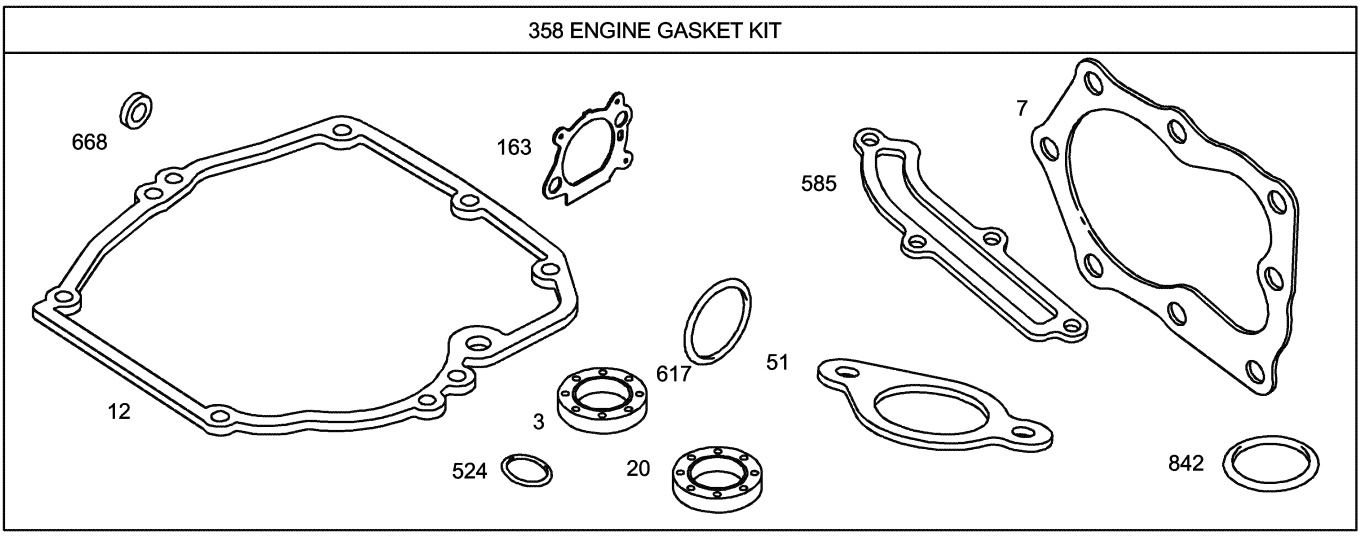
PROTOTYPE



Starter Assembly
Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
❻55	691421	1	Housing–starter, Rewind
❻58	280399	1	Rope–starter (Cut To Required Length)
❻60	281434	1	Grip–starter Rope
❻65	690837	1	Screw (Rewind Starter)
❻456	692299	1	Plate–pawl Friction
❻459	281505	1	Ratchet–pawl
❻592	690800	1	Nut (Rewind Starter)
❻597	691696	1	Screw (Pawl Friction Plate)
❻608	497680	1	Starter–rewind
❻689	691855	1	Spring–friction
❻1210	498144	1	Pulley/spring Assembly (Spring)
❻1211	498144	1	Pulley/spring Assembly (Spring)

PROTOTYPE

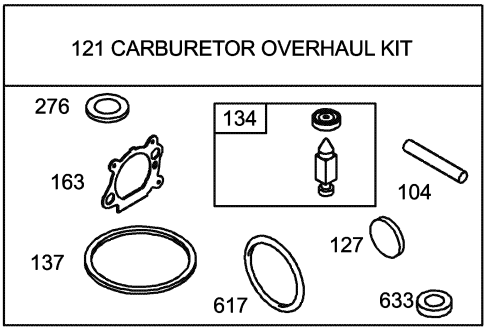


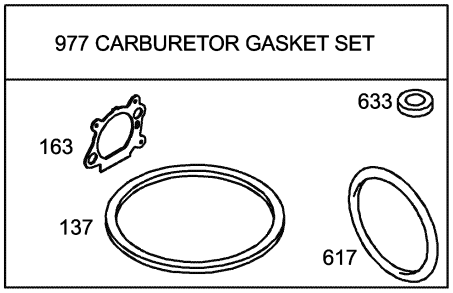
Assemblies include all parts shown in frames.

Gasket Assembly
Briggs and Stratton 12H802-1720-B1

Ref	Part No.	Qty.	Description
❸❻3	299819	1	Seal–oil (Magneto Side)
❸❻7	692249	1	Gasket–cylinder Head
❸❻12	692232	1	Gasket-Crankcase (.015 Thick, Standard)
❸❻20	399781	1	Seal–oil (Pto Side)
❸❻51	272199	1	Gasket–intake
❸❹163	272653	1	Gasket–air Cleaner
❺❻ ❻358	497316	1	Gasket Set–engine
❸❻524	692296	1	Seal–o Ring (Dipstick Tube)
❸❻585	691879	1	Gasket–breather Passage
❸❹617	270344	1	Seal–o Ring (Intake Manifold)
❺❻ ❸❻668	493823	1	Spacer
❸❻842	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
❹❻104	691242	1	Pin–float Hinge
❻121	498260	1	Kit–carburetor Overhaul
❹❻127	694468	1	Plug–welch
❹❻134	398188	1	Kit–needle/seat
❹❺137 ❻	693981	1	Gasket–bowl, Float
❸❹163 ❺❻	272653	1	Gasket–air Cleaner
❹❻276	271716	1	Washer–sealing
❸❹617 ❺❻	270344	1	Seal–o Ring (Intake Manifold)
❹❺633 ❻	691321	1	Seal–choke/throttle Shaft
❻977	498261	1	Gasket Set–carburetor

PROTOTYPE

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