Form Number 3350-664

53cm Super Recycler® Lawnmower

Model No. 20781 - 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.

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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

❶ Not illustrated

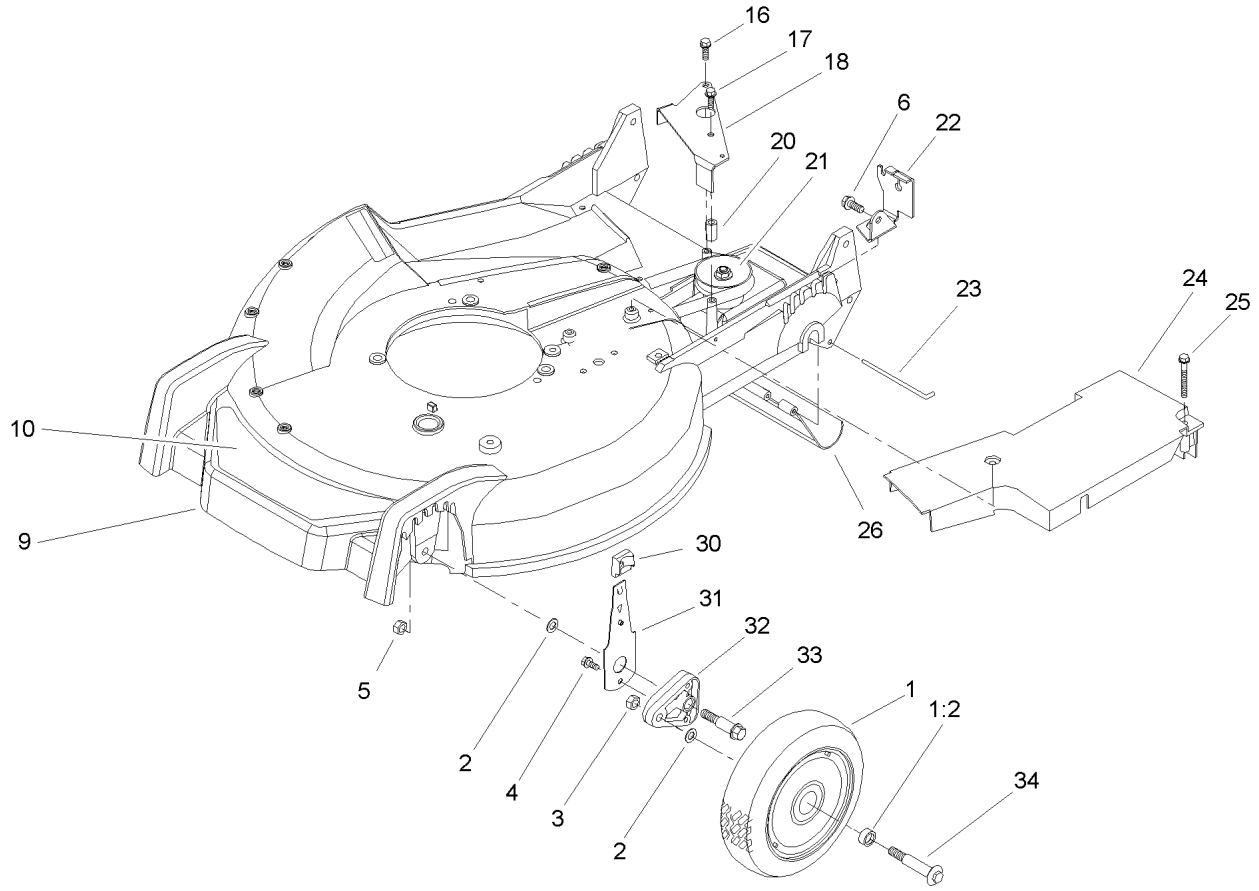
❷ Not serviced separately

❸ Included in Engine Gasket Set-Ref. 358.

❹ Included in Carburetor Overhaul Kit-Ref. 121.

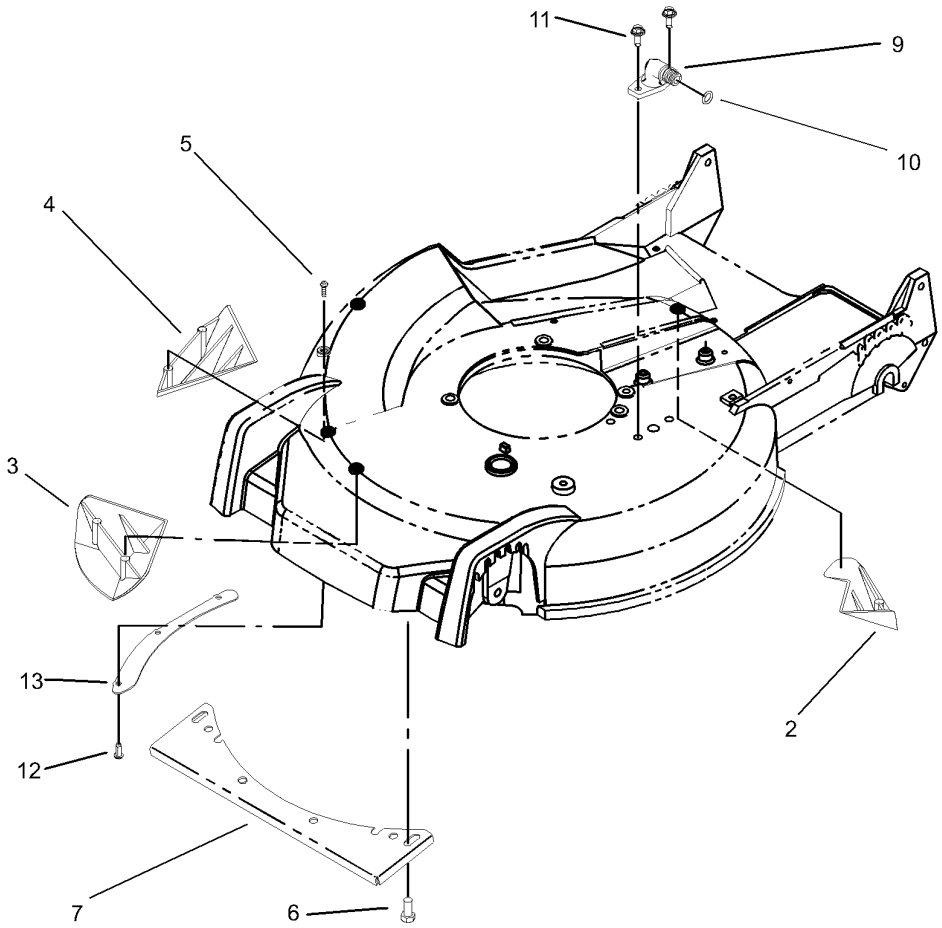
❺ Included in Carburetor Gasket Set-Ref. 977.

❻ Obtain parts from your local Briggs & Stratton dealer



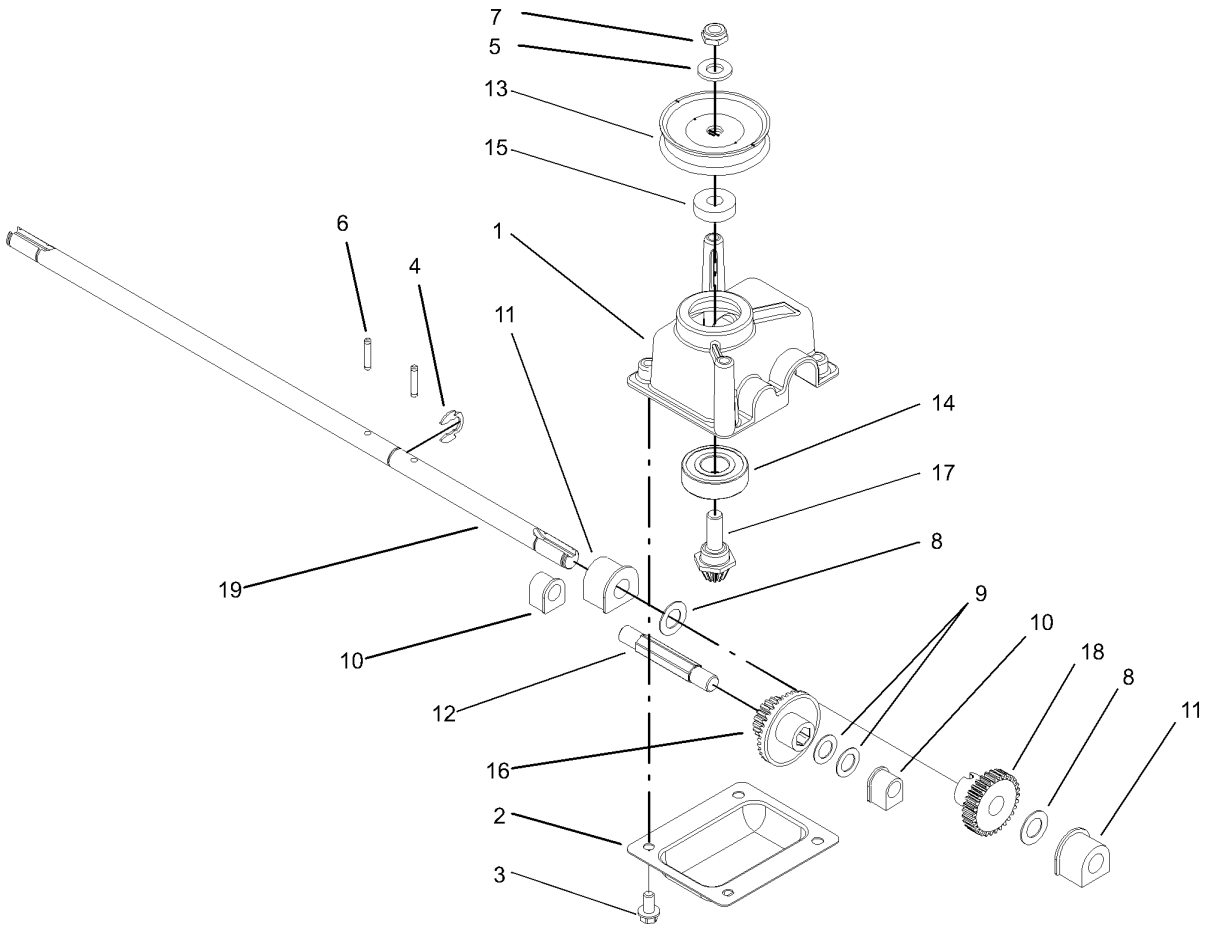
Housing Assembly

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, NI
6	32144-70	5	Screw-HH
9	105-1309	1	Housing ASM
10	105-8642	1	Decal-Housing
16	49-2040	1	Screw-Tapping
17	92-1616	1	Screw-Hwh, Thread Forming
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	2	Arm-Pivot, Front
33	66-0560	2	Bolt-Shoulder
34	92-1057	2	Bolt-Shoulder



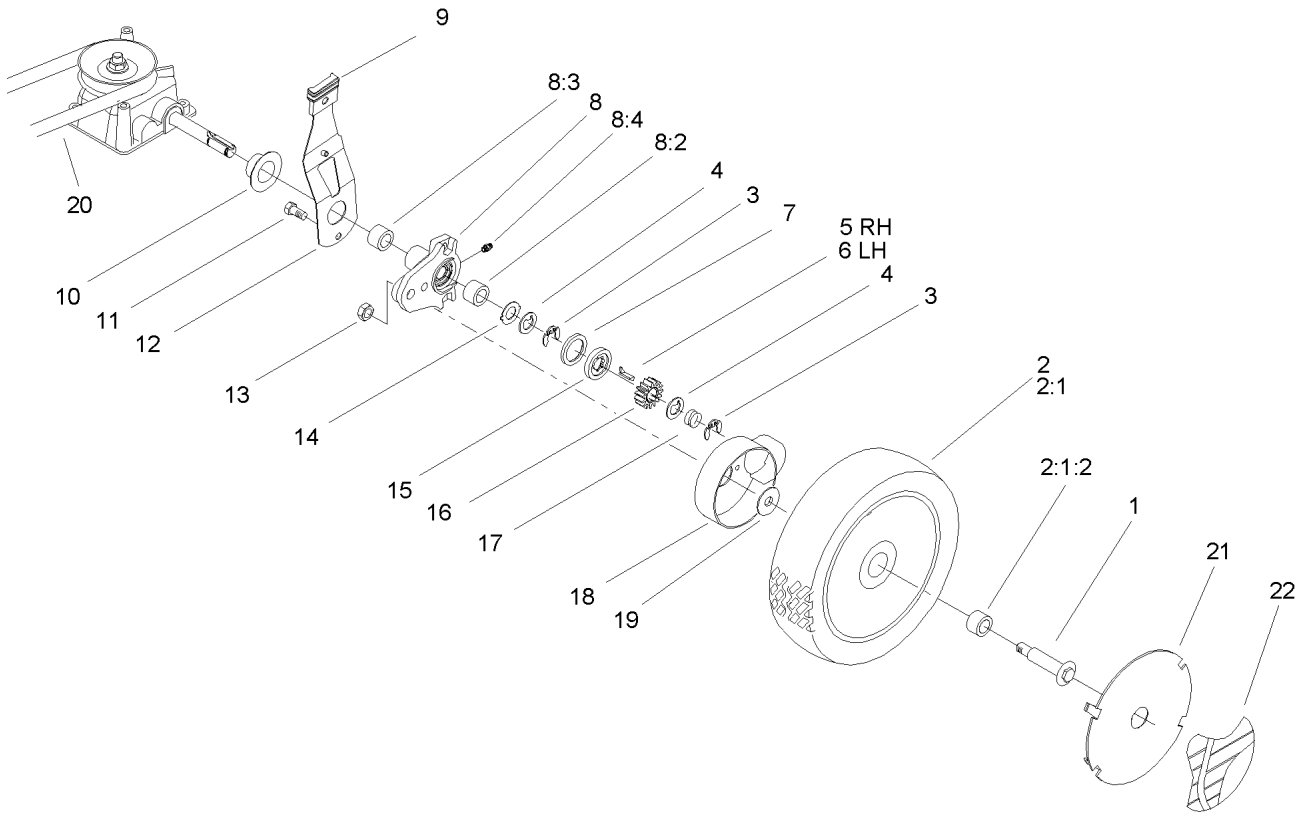
Housing, Kicker, and Washout Assembly No. 105-1309

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

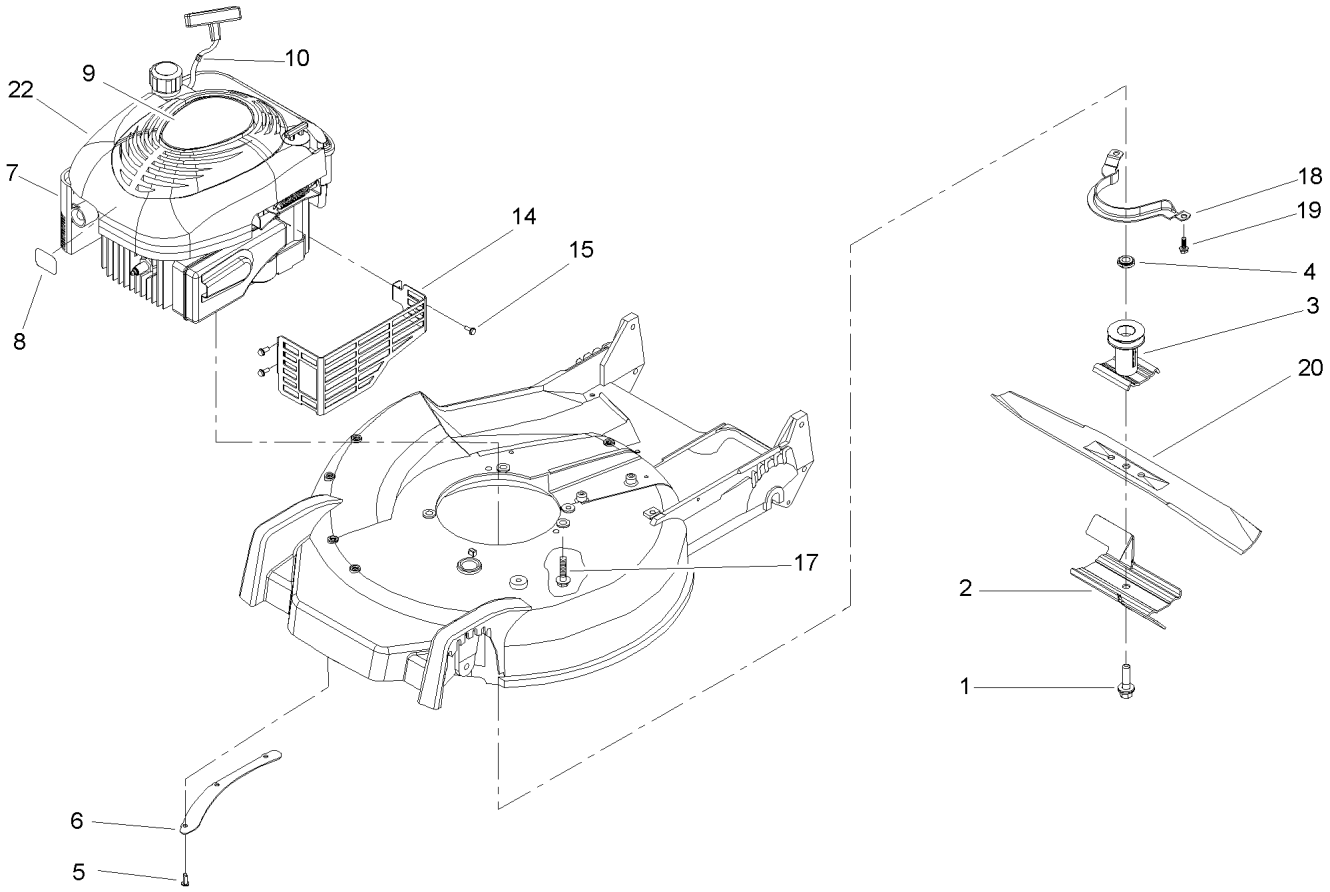
Ref	Part No.	Qty.	Description
1	104-7619	1	Case-Gear
2	614668-03	1	Cover-Case, Gear
3	32144-4	4	Screw-HWH
4	32151-68	1	Ring-Retaining
5	3256-24	1	Washer-Flat
6	3285-19	2	Pin-Groove
7	3296-5	1	Nut-Lock, NI
8	36-4780	2	Washer
9	36-4791	2	Washer-Thrust
10	60-8750	2	Bushing
11	60-8850	2	Bushing
12	614696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



Gearcase and Wheel Assembly

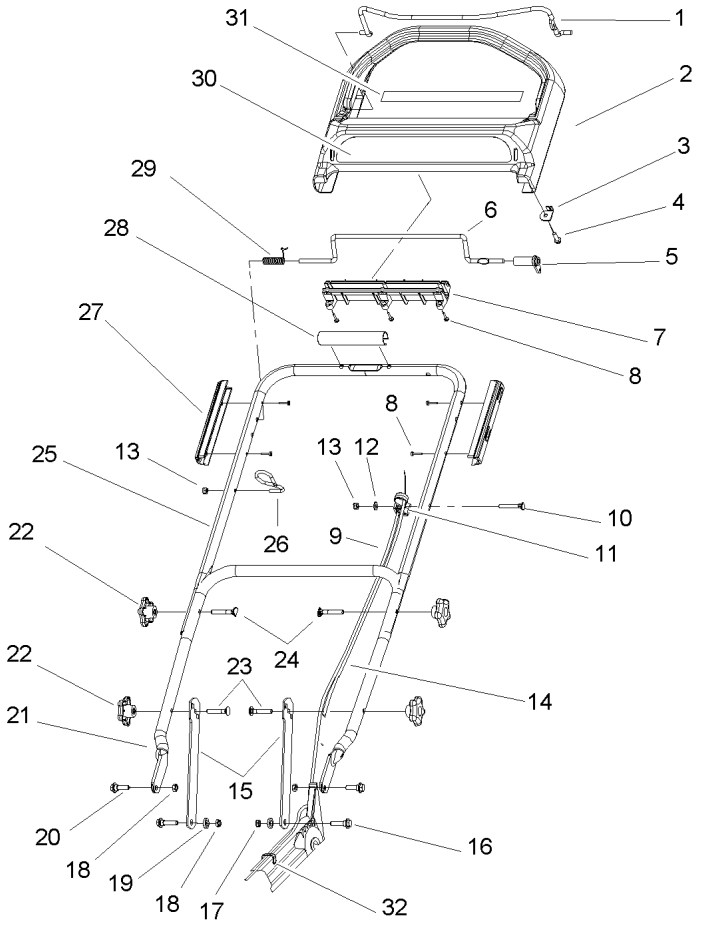
Ref	Part No.	Qty.	Description
1	92-1057	2	Bolt-Shoulder
2	100-5955	2	Wheel ASM
❷2:1		1	Wheel ASM
2:1:2	27-6250	2	Bushing
3	65-2720	4	Klipring-Locking
4	65-4740	4	Washer-Thrust, Keyed
5	66-6040	1	Key-Rocking, RH
6	66-6050	1	Key-Rocking, LH
7	65-4710	2	Ring-Friction
8	100-8774	2	Pivot Arm ASM
8:2	47-2900	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 and Blade Assembly

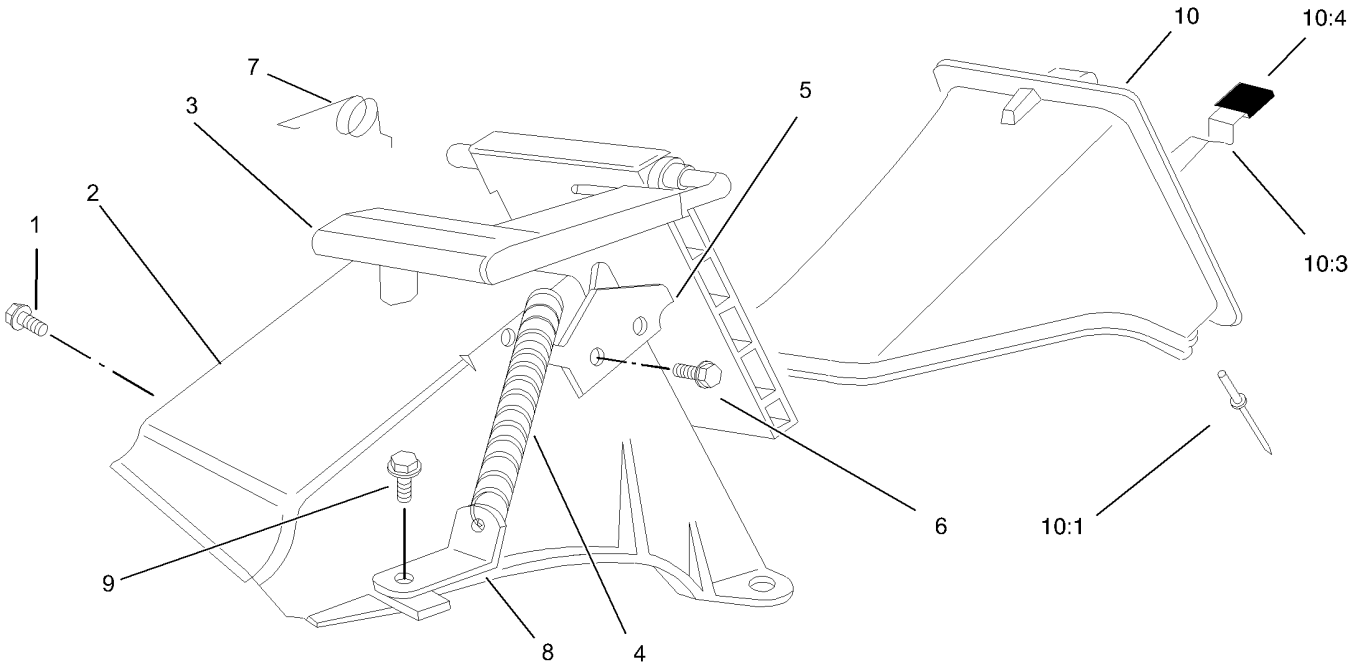
Ref	Part No.	Qty.	Description
1	105-8579	1	Bolt-Blade
2	105-6848-03	1	Accelerator-Blade
3	106-3987	1	Blade Driver ASM
4	106-3999	1	Spacer-Driver
5	63-8590	3	Screw
6	105-1316-03	1	Sheet-Lip
❷7		1	Engine-Briggs And Stratton, 12h802-1720-B1
8	98-3206	1	Decal
9	107-8922	1	Decal
10	2210-316	1	Stop-Rope
14	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
22	105-8564	1	Shroud-Quantum



Handle Assembly

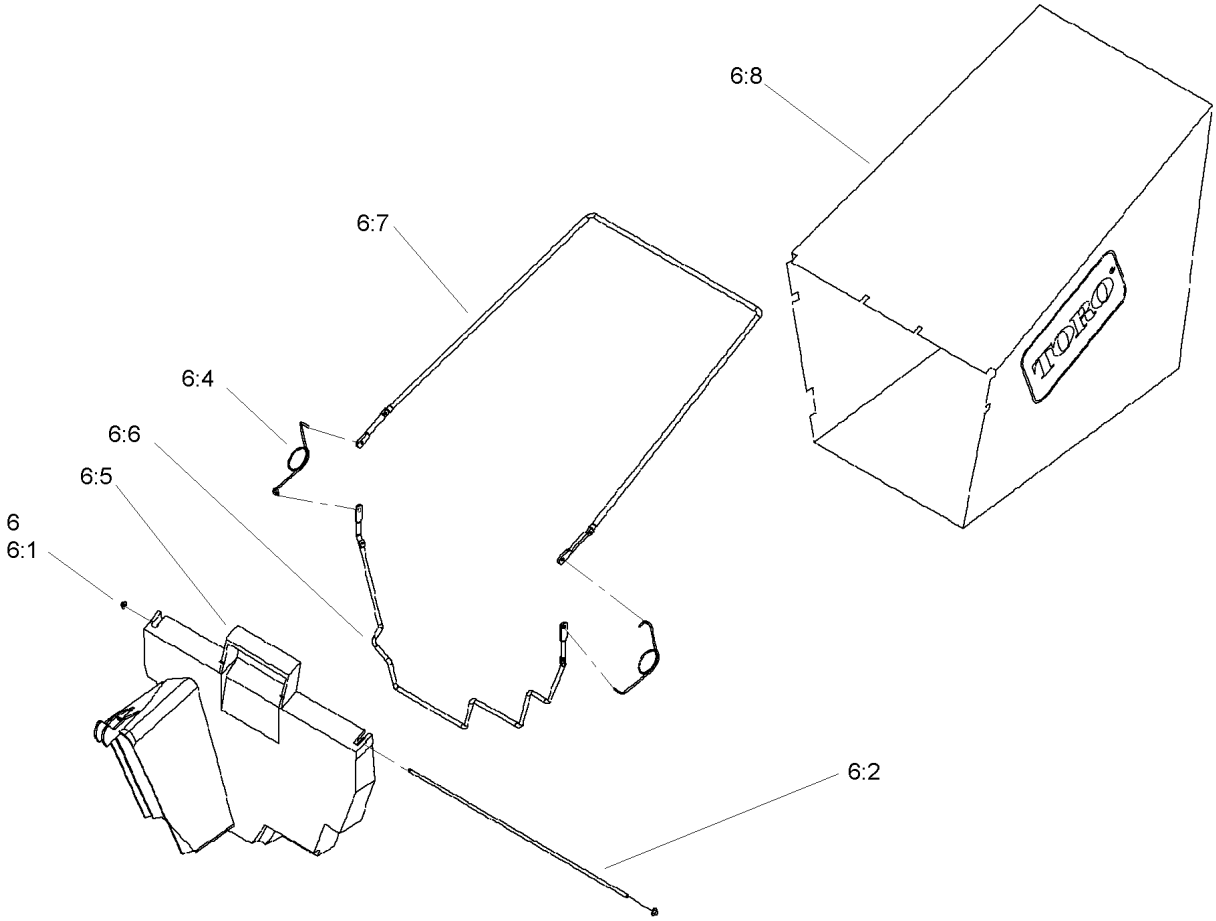
Ref	Part No.	Qty.	Description
1	99-1593-03	1	Bail-Brake
2	99-1582	1	Handle-Control
3	106-2662	1	Retainer-Cable
4	98-2682	1	Screw
5	99-1589	1	Lever-Traction
6	99-1588	1	Bar-Control, Traction
7	99-6008	1	Retainer-Control Rod, Traction
8	94-4496	10	Screw-PPH
9	100-1186	1	Cable-Brake
10	95-4453	1	Screw
11	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



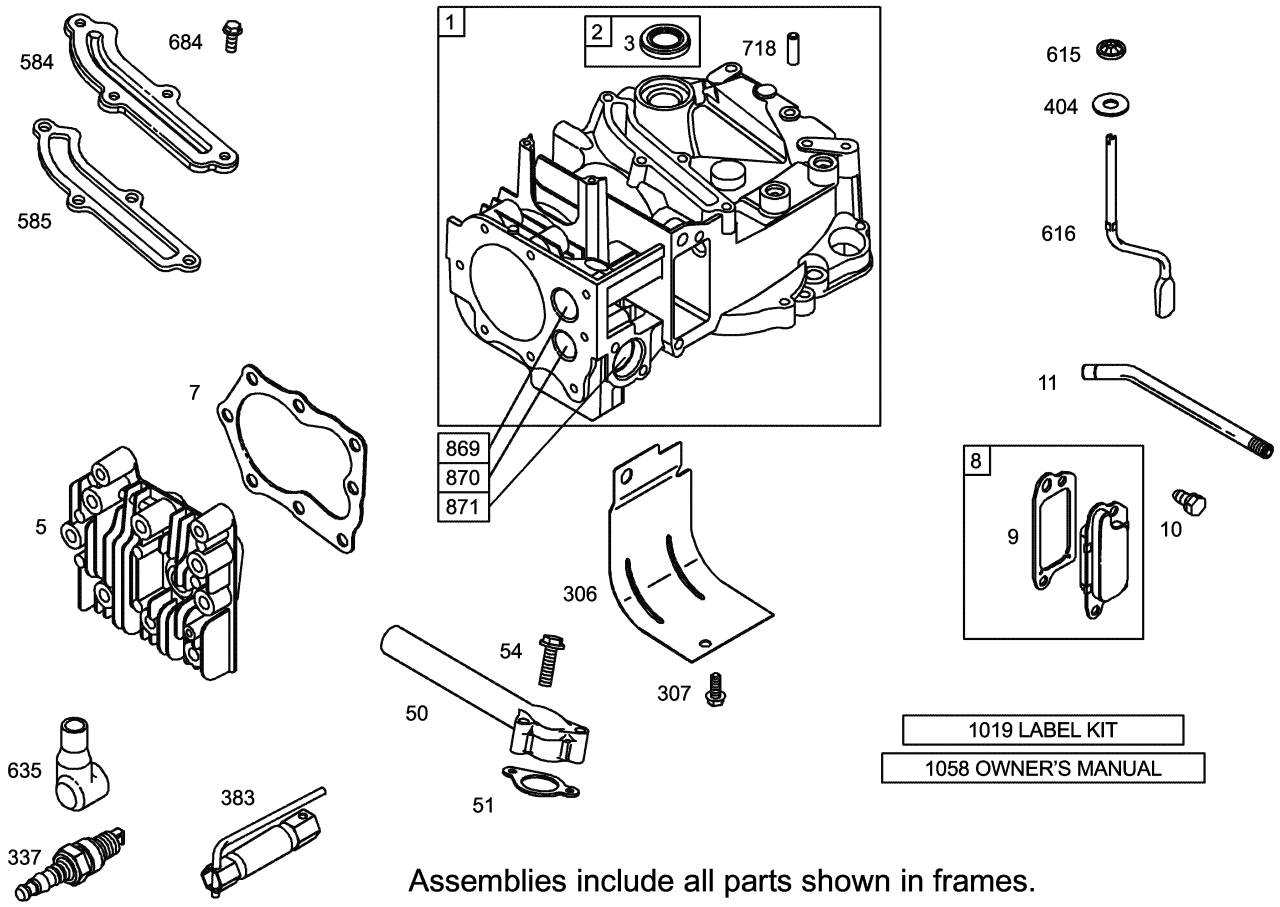
Rear Bag Discharge Chute Assembly

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
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

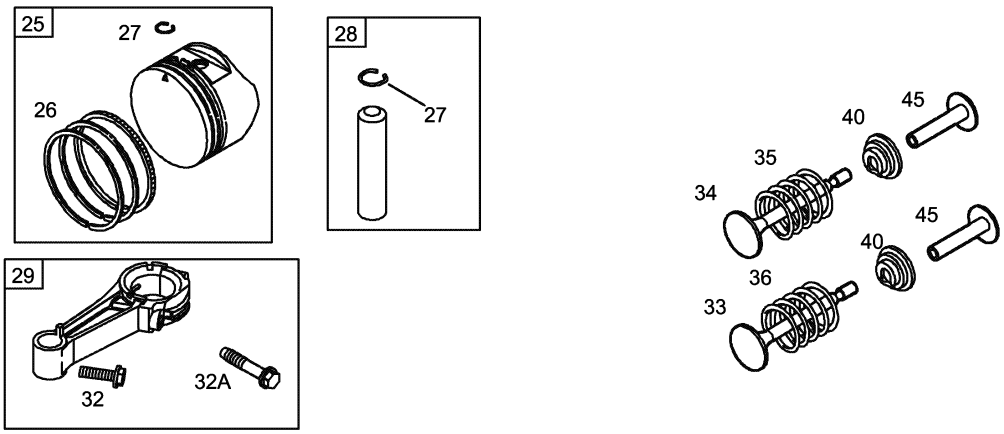


Assemblies include all parts shown in frames.

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
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
❻337	802592	1	Plug–spark
❻383	89838	1	Wrench–plug, Spark
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
❻718	690959	1	Pin–locating

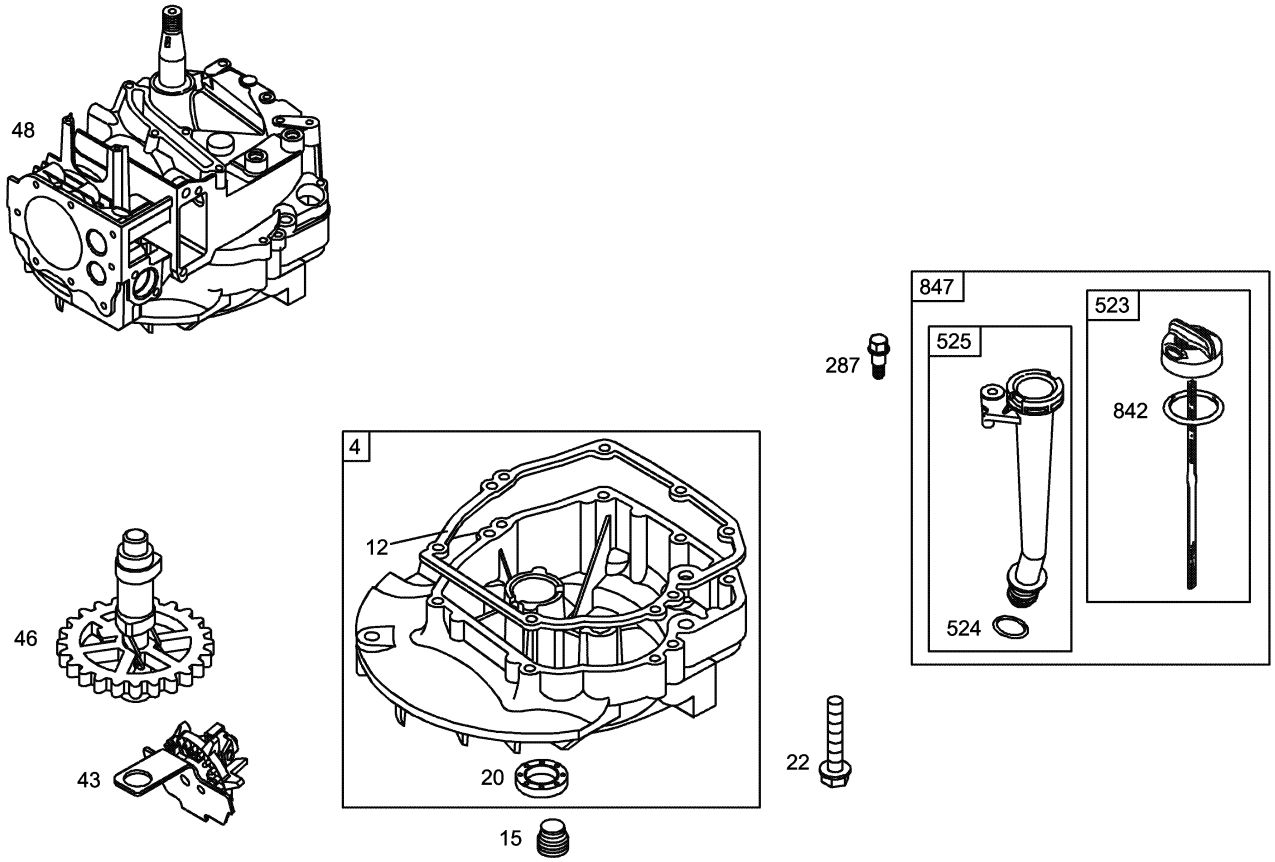
Ref	Part No.	Qty.	Description
❻869	691155	1	Seat–valve, Intake
❻870	690380	1	Seat–valve, Exhaust
❻871	262001	1	Bushing–guide, Exhaust
❶❻	63709	1	Bushing–guide, Intake
❻1019	494256	1	Kit–label
❻1058	274978	1	Manual-Owners
❶❻	696276	1	Short Block



Assemblies include all parts shown in frames.

Crankshaft Assembly
Briggs and Stratton 12H802-1720-B1

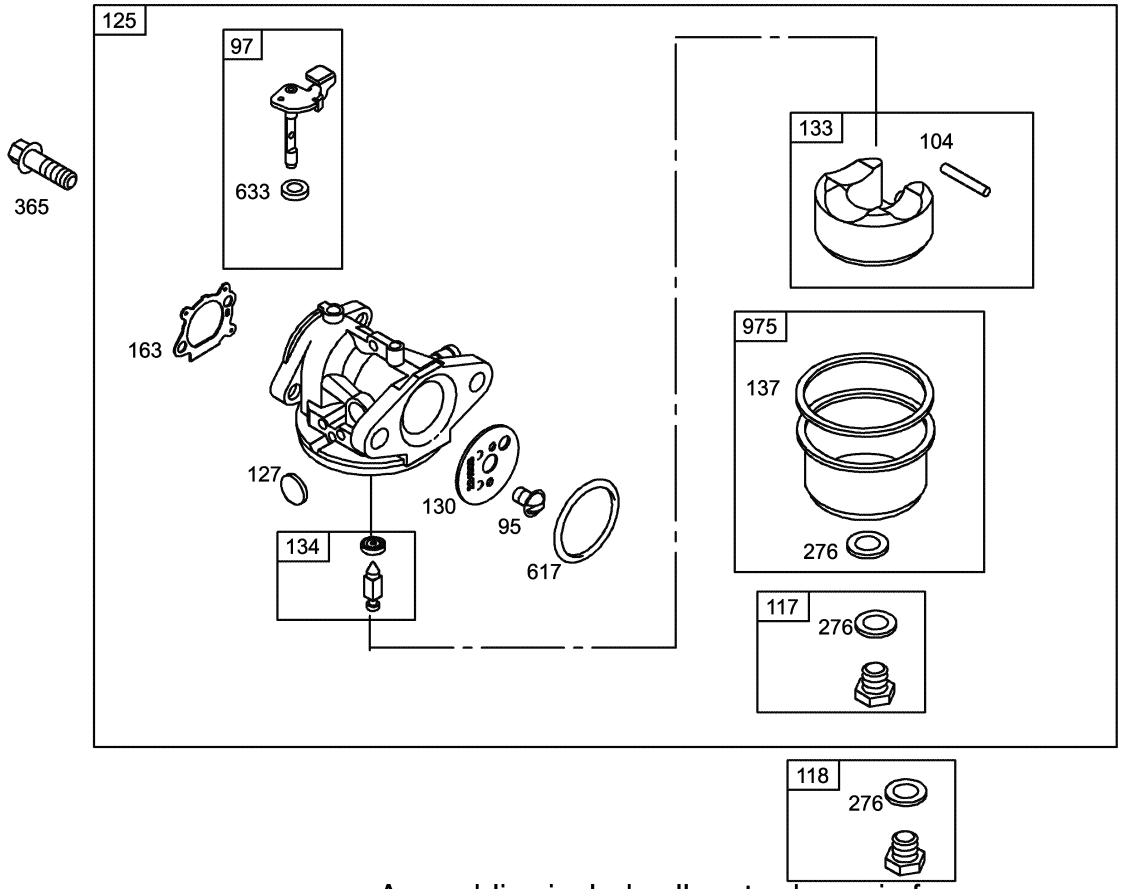
Ref	Part No.	Qty.	Description
❻16	696009	1	Crankshaft
❻24	222698	1	Key–flywheel
❻25	499429	1	Piston Asm. (Standard)
❻	499430	1	Piston ASM
❻	499431	1	Piston Asm. (.020" O.s.)
❻	499432	1	Piston Asm. (.030" O.s.)
❻26	499425	1	Ring Set (Standard)
❻	499426	1	Ring Set (.010" O.s.)
❻	499427	1	Ring Set (.020" 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



Assemblies include all parts shown in frames.

Crankcase Assembly
Briggs and Stratton 12H802-1720-B1

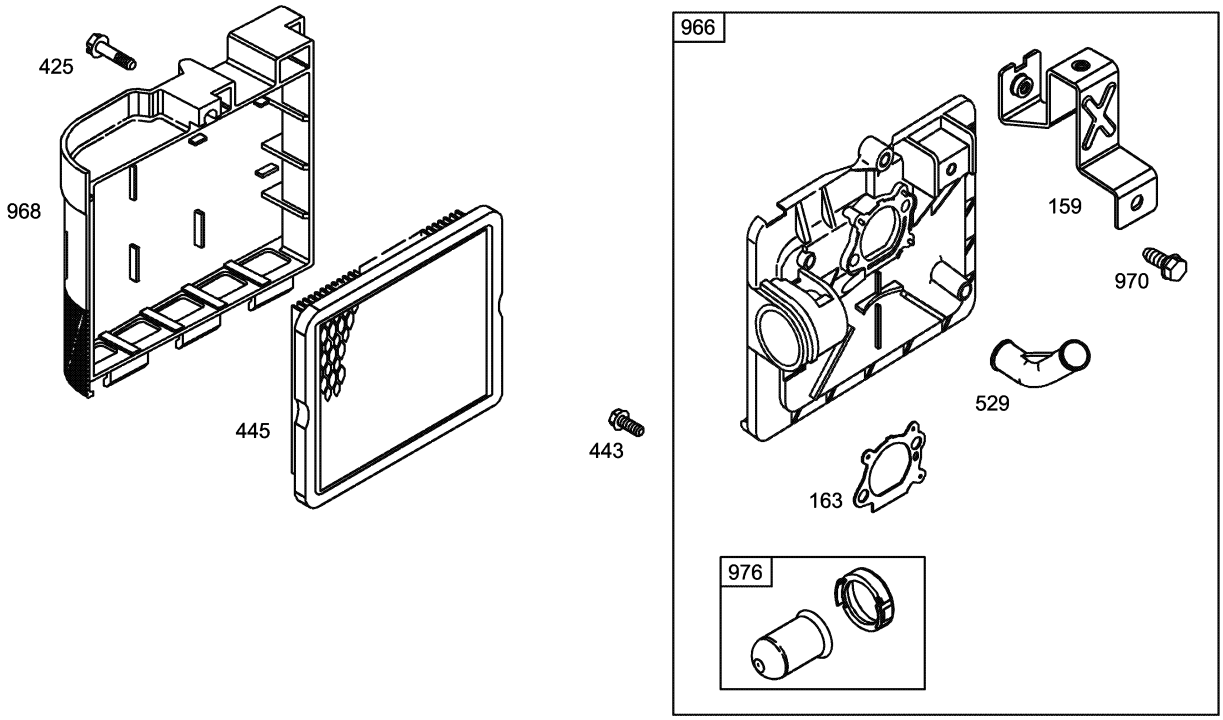
Ref	Part No.	Qty.	Description
❻4	493279	1	Sump–engine
❸❻12	692232	1	Gasket-Crankcase (.015 Thick, Standard)
❻15	691680	1	Plug–oil Drain
❸❻20	399781	1	Seal–oil, PTO Side
❻22	691092	1	Screw-Engine Sump
❻43	691997	1	Slinger–governor/oil
❻46	691449	1	Camshaft
❻48	696276	1	Short Block
❻287	690940	1	Screw-Fuel 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



Assemblies include all parts shown in frames.

Carburetor Assembly
Briggs and Stratton 12H802-1720-B1

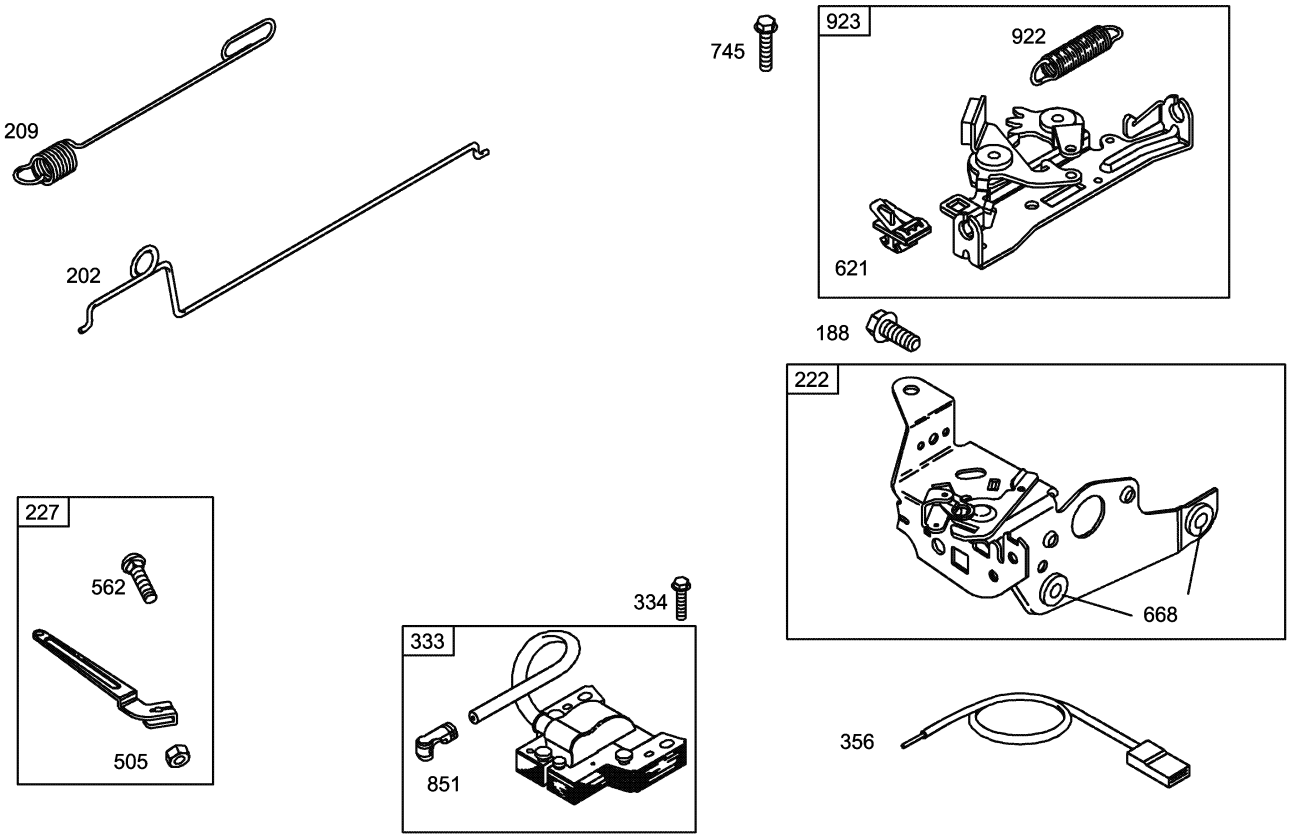
Ref	Part No.	Qty.	Description
❻95	691636	1	Screw-Throttle Valve
❻97	696565	1	Shaft–throttle
❹❻104	691242	1	Pin–float Hinge
❻117	498978	1	Jet–main (Standard)
❻118	497466	1	Screw-Bowl Mtg. (Std.) Note: 496495 Screw Bowl Mtg. (High Altitude)
❻125	498170	1	Carburetor
❹❻127	694468	1	Plug–welch
❻130	696564	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–cleaner, Air
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



Assemblies include all parts shown in frames.

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

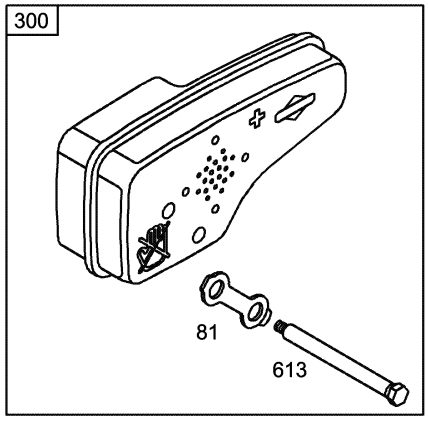
Ref	Part No.	Qty.	Description
❻159	691753	1	Primer Bracket-Air Cleaner
❸❻163	272653	1	Gasket–cleaner, Air
❻425	690670	1	Screw
❻443	692523	1	Screw
❻445	491588	1	Filter–air Cleaner Cartridge
❻529	691923	1	Grommet
❻966	496116	1	Base–air Cleaner Primer
❻968	692298	1	Cover–air Cleaner
❻970	691669	1	Screw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

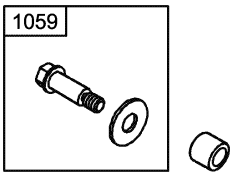


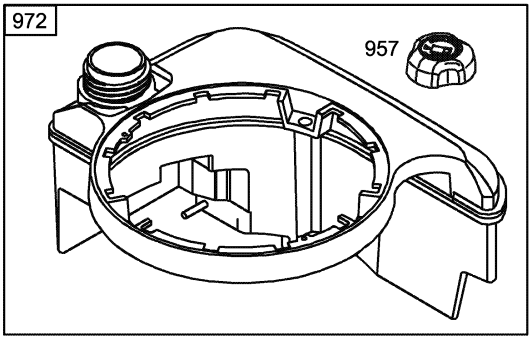
Assemblies include all parts shown in frames.

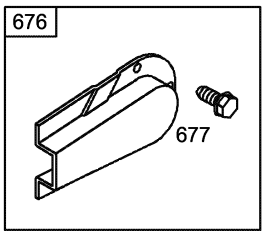
Governor Assembly
Briggs and Stratton 12H802-1720-B1

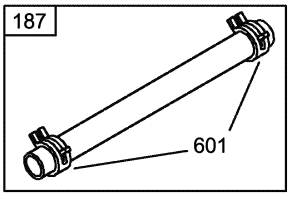
Ref	Part No.	Qty.	Description
❻188	690877	1	Nut (Flywheel)
❻202	691829	1	Link–governor, Mechanical
❻209	691852	1	Spring–governor
❻222	692467	1	Bracket–control
❻227	690783	1	Lever–control, Governor
❻333	802574	1	Armature–magneto
❻334	691061	1	Screw-Magneto Armature
❻356	692390	1	Wire–stop
❻505	231082	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–plug, Spark
❻922	691831	1	Spring–brake
❻923	691994	1	Brake







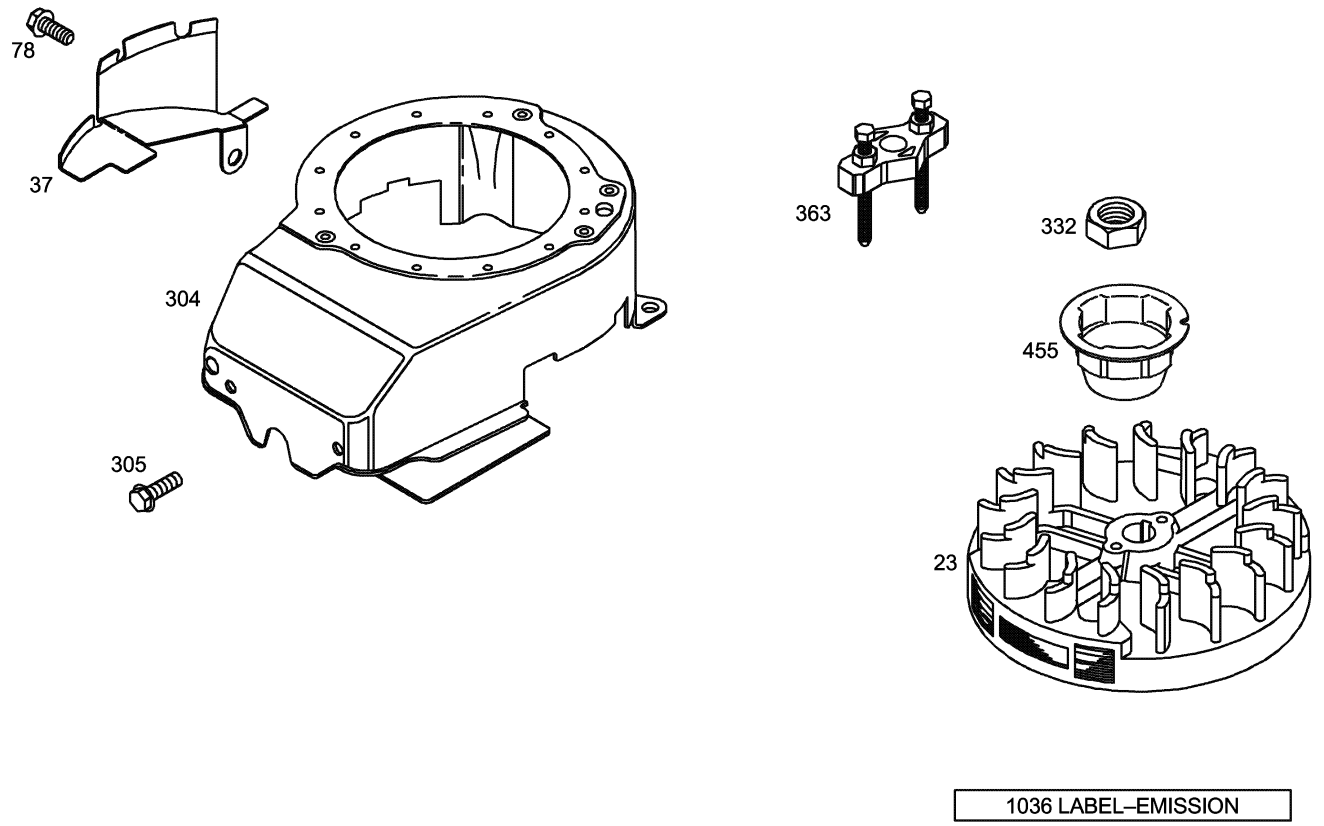




Assemblies include all parts shown in frames.

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

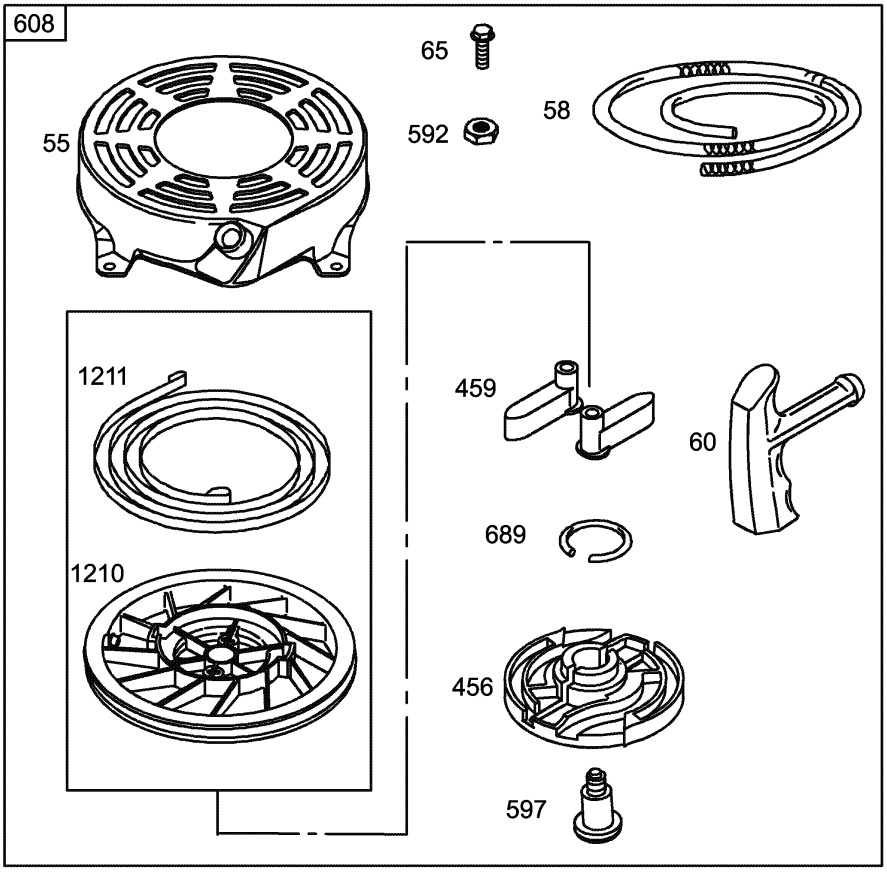
Ref	Part No.	Qty.	Description
❻81	691740	1	Lock–muffler Screw
❻187	691050	1	Line–fuel (Cut To Required Length)
❻190	690940	1	Screw-Fuel Tank
❻300	692038	1	Muffler
❻601	95162	1	Clamp–hose
❻613	691340	1	Screw-Muffler
❻670	692294	1	Spacer–fuel Tank
❻676	493871	1	Deflector–muffler
❻677	690661	1	Screw-Muffler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



Assemblies include all parts shown in frames.

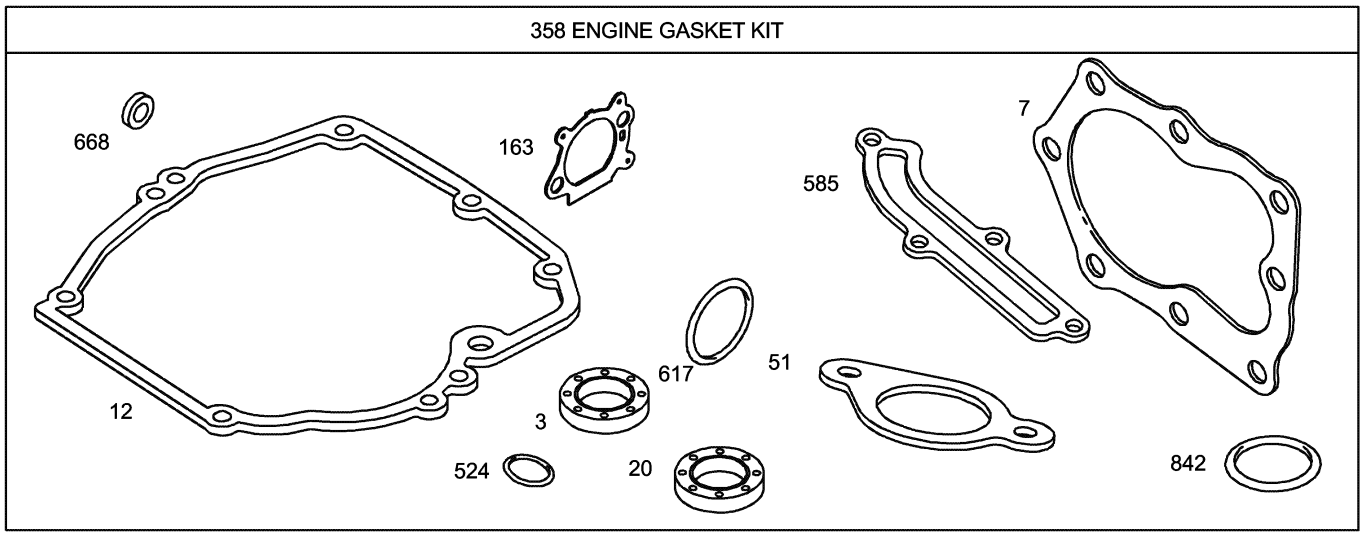
Blower Housing Assembly
Briggs and Stratton 12H802-1720-B1

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



Starter Assembly
Briggs and Stratton 12H802-1720-B1

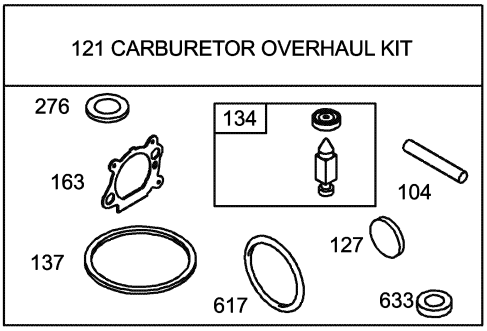
Ref	Part No.	Qty.	Description
❻55	691421	1	Housing–starter, Rewind
❻58	280399	1	Rope–starter (Cut To Required Length)
❻60	281434	1	Grip–starter Rope
❻65	690837	1	Screw-Rewind Starter
❻456	692299	1	Plate–pawl Friction
❻459	281505	1	Ratchet–pawl
❻592	690800	1	Nut
❻597	691696	1	Screw
❻608	497680	1	Starter–rewind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

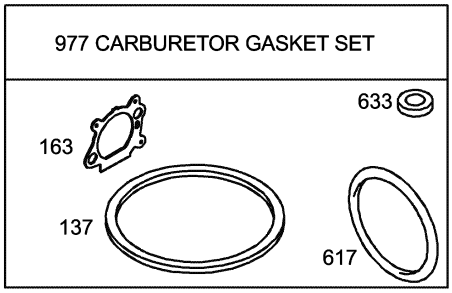


Assemblies include all parts shown in frames.

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–cleaner, Air
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





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–cleaner, Air
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

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