Form No. 3327-183

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.

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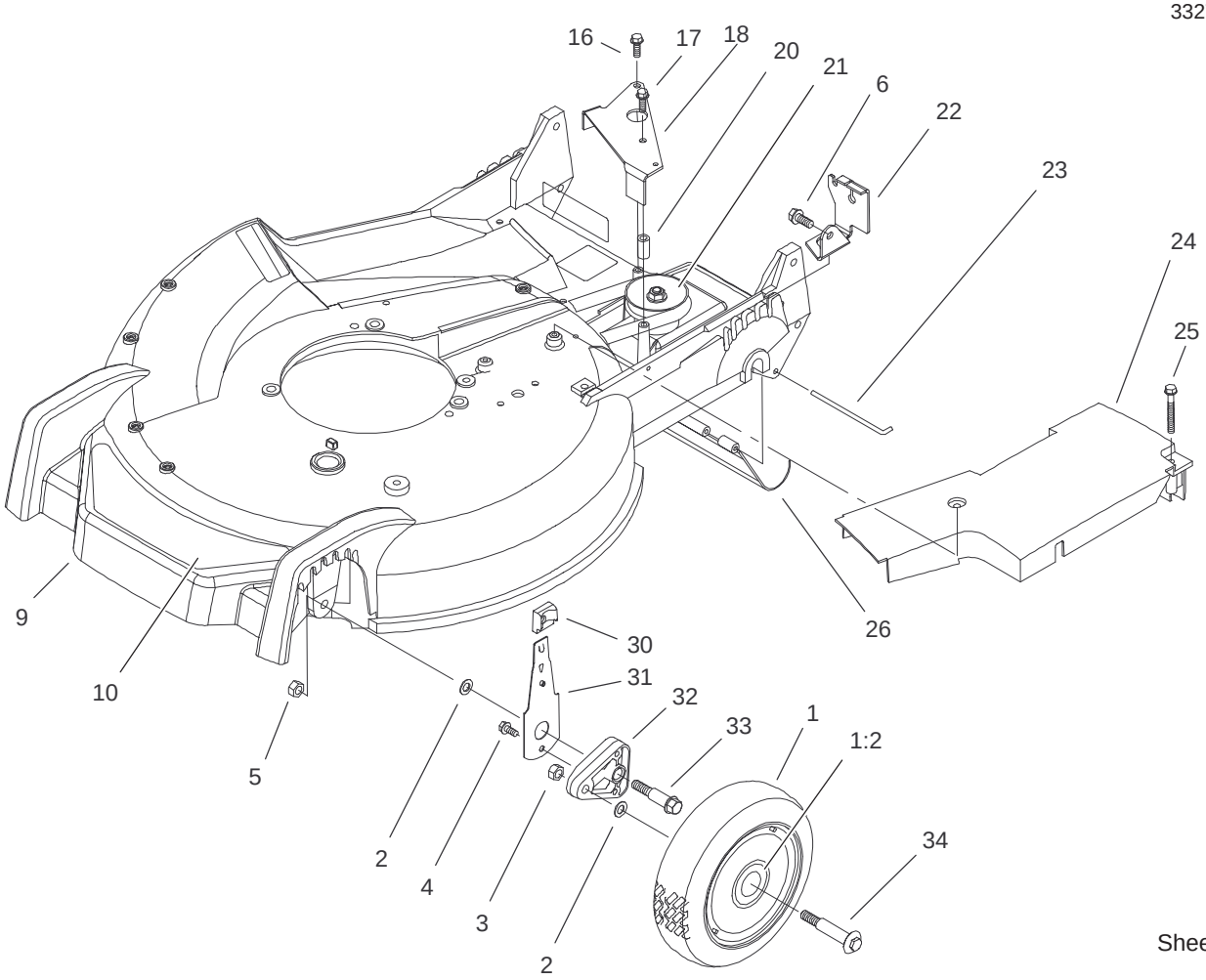
Accessories

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

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
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

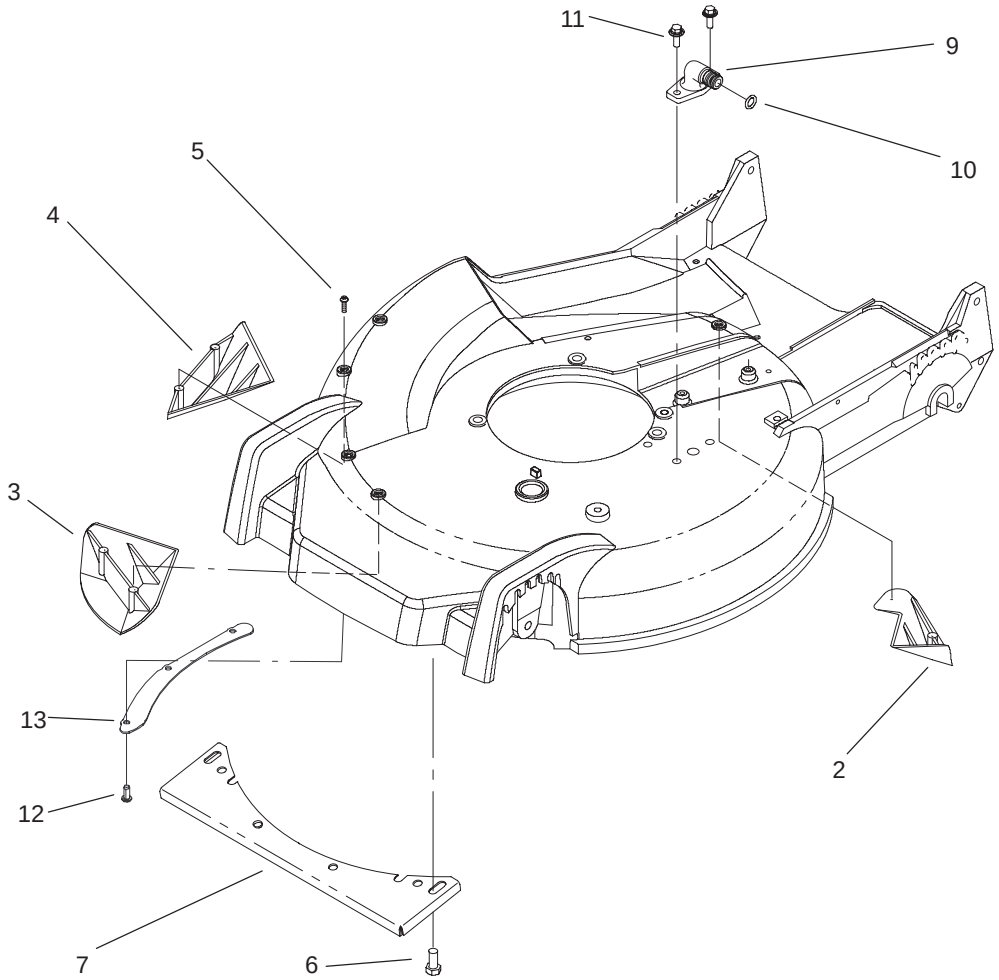


Sheet No.:2

Deck and Wheel Assembly

Ref. No.	Part No.	Qty.	Description
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–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 Actuator
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

Ref. No.	Part No.	Qty.	Description
33	66–0560	2	Bolt–Shoulder
34	92–1057	2	Bolt–Shoulder

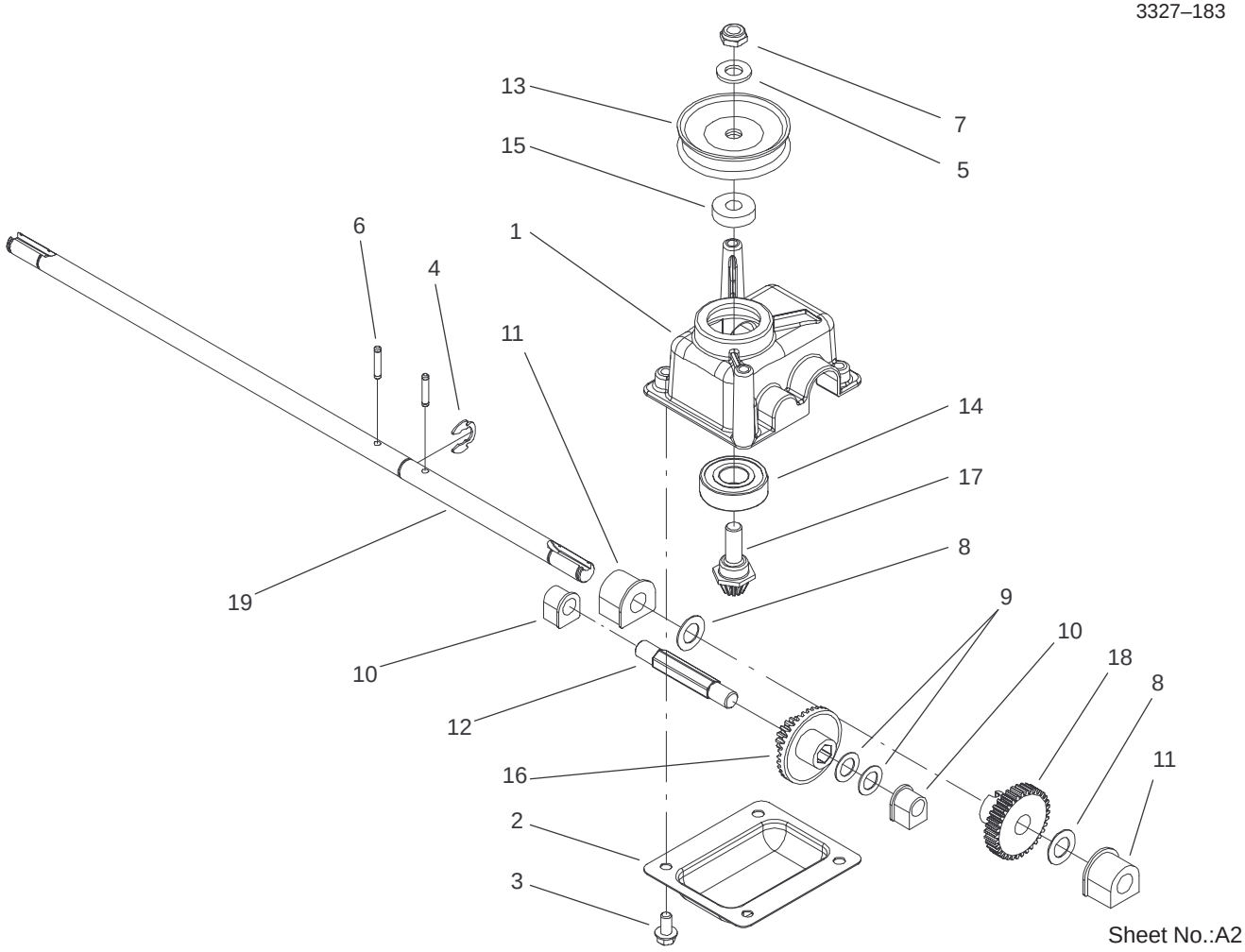


Sheet No.:A1

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

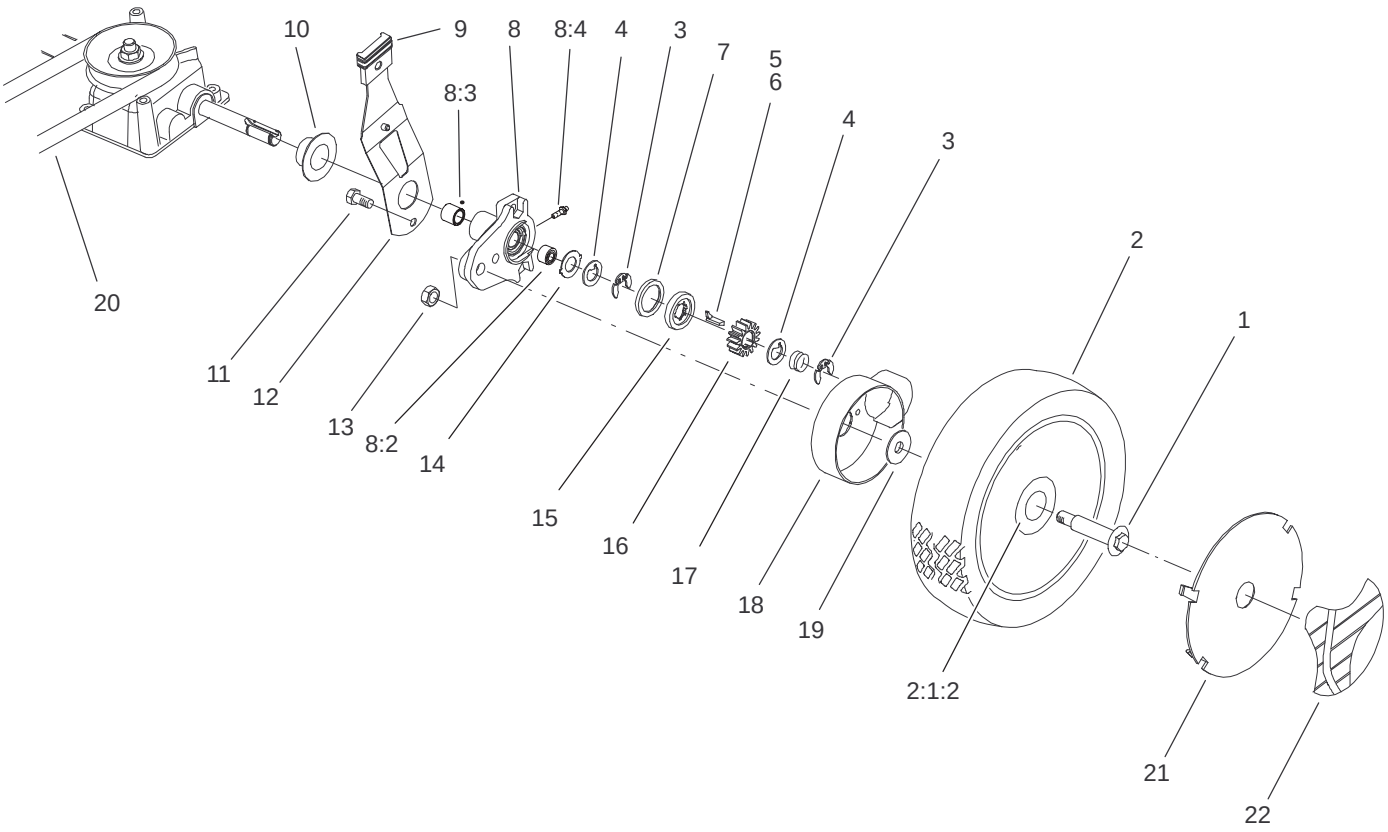


Sheet No.:A2

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



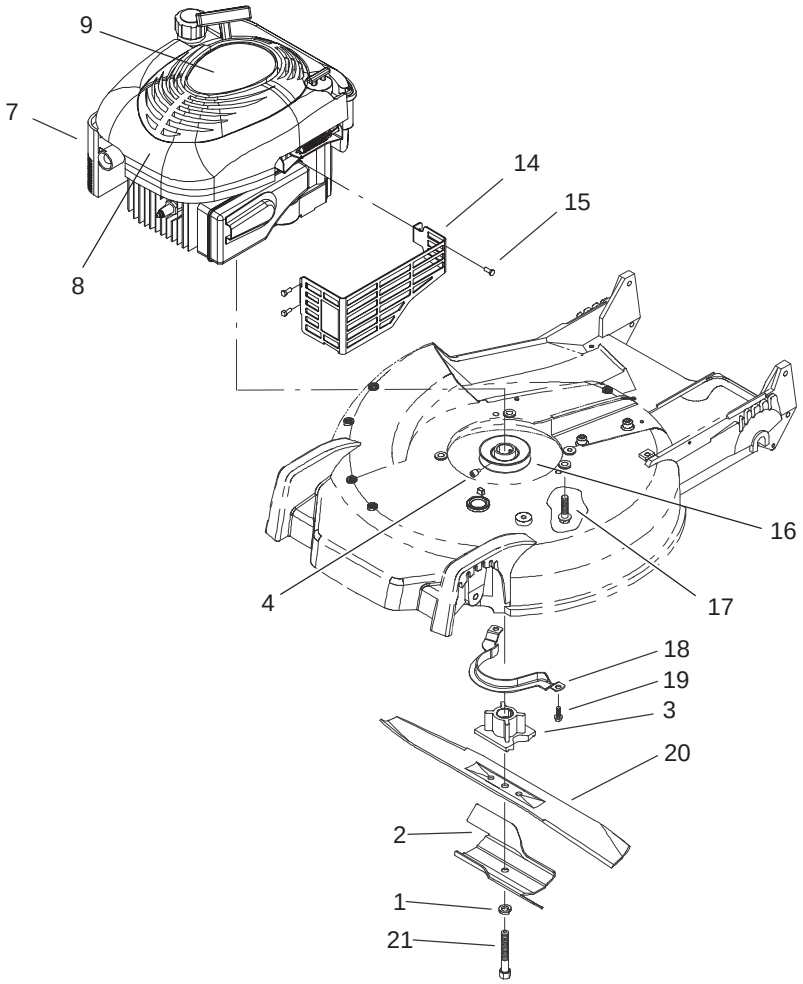
Sheet No.:3

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



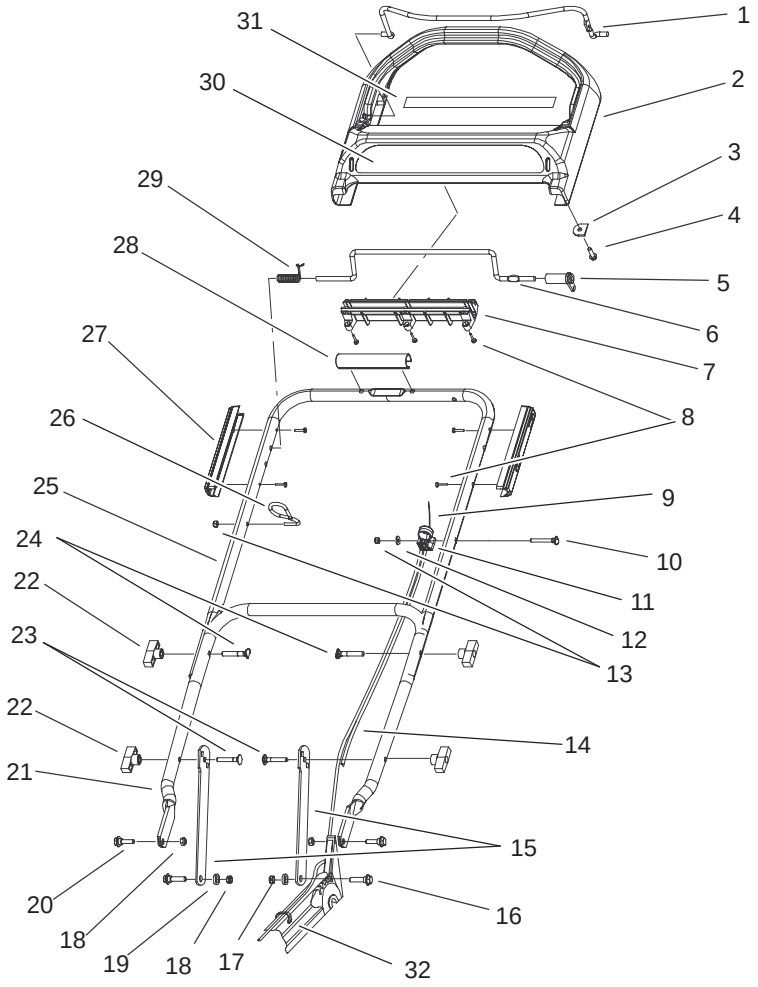
Sheet No.:4

Engine and Blade Assembly

Ref. No.	Part No.	Qty.	Description
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

Ref. No.	Part No.	Qty.	Description

☆ Not serviced separately
* Not illustrated

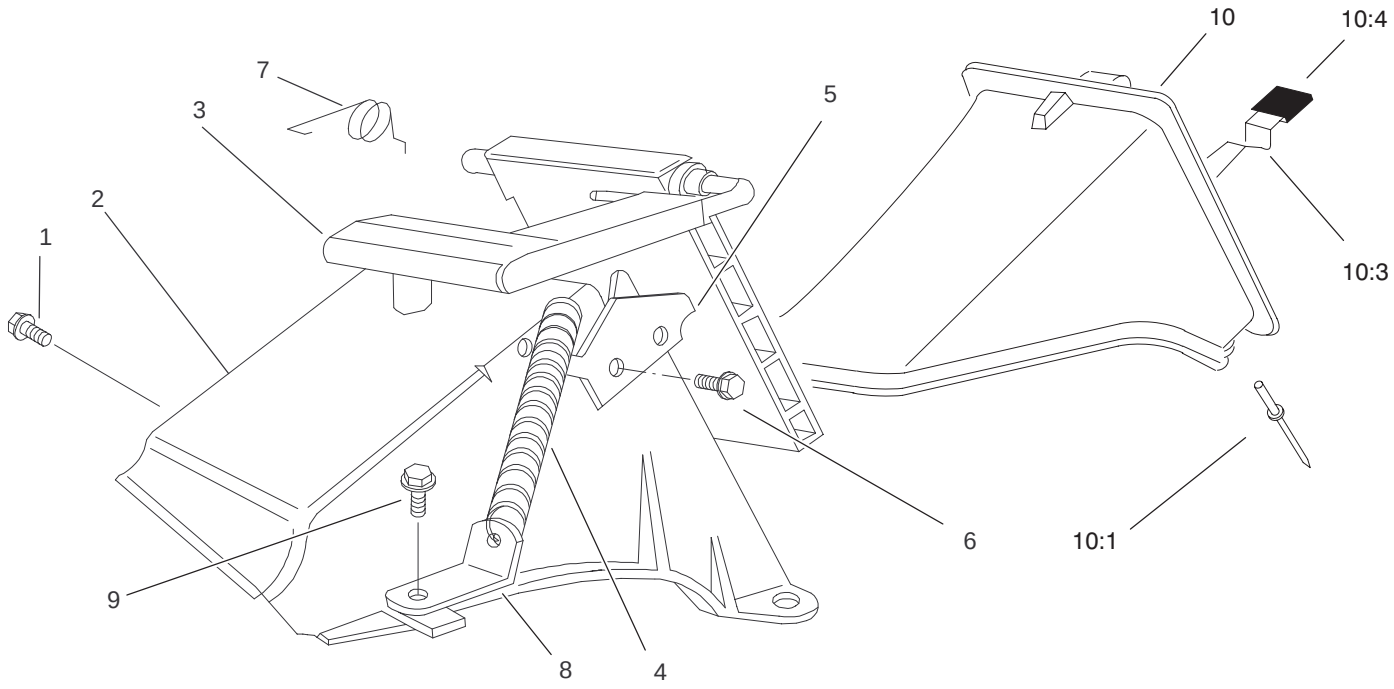


Sheet No.:5

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

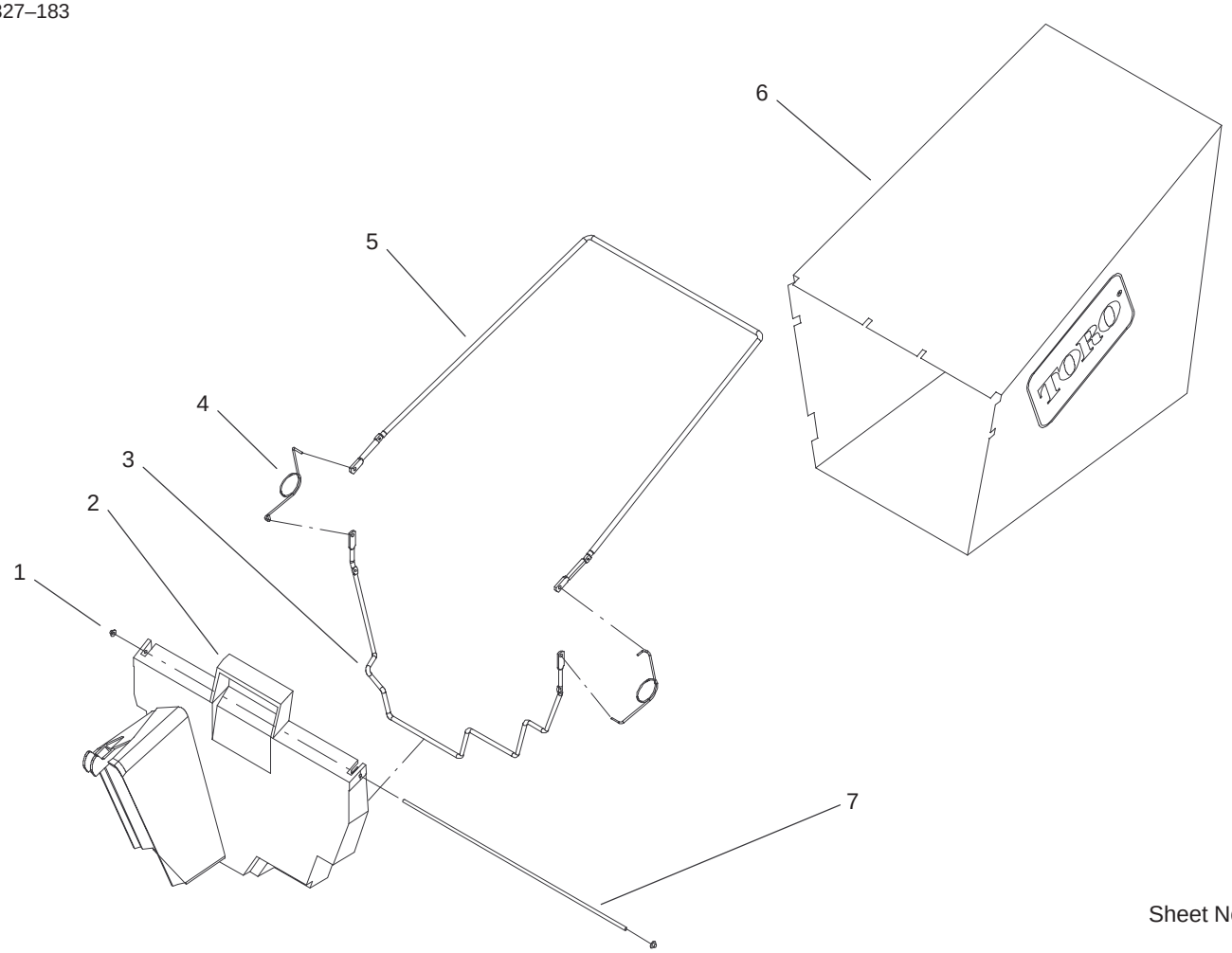


Sheet No.:8

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

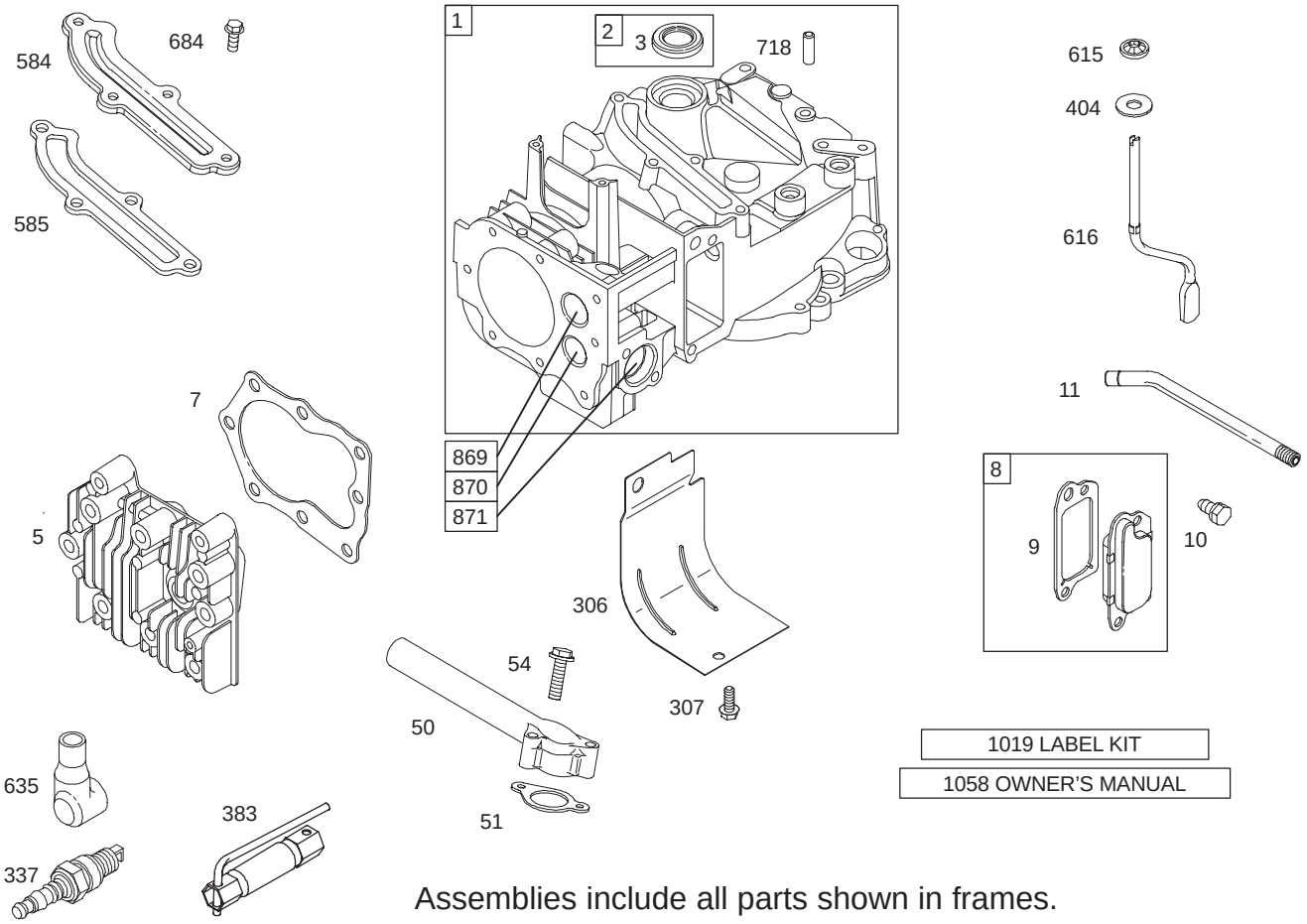


Sheet No.:9

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



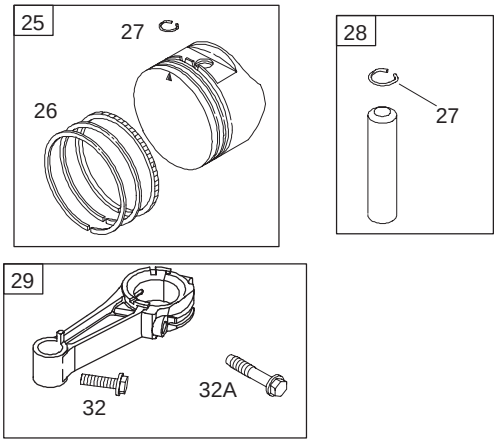
Assemblies include all parts shown in frames.

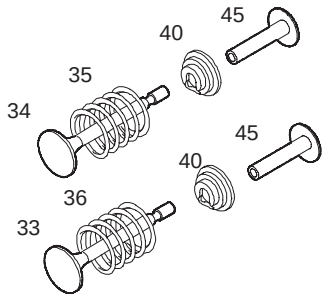
Cylinder Assembly
Briggs and Stratton Model 12H802–1720–B1

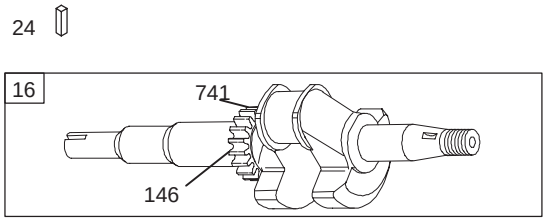
Ref. No.	Part No.	Qty.	Description
1	493260	1	Cylinder Assembly
2	293708	1	Kit–Bushing/Seal
★3	299819	1	Seal–Oil (Magneto Side)
5	691160	1	Head–Cylinder
★7	692249	1	Gasket–Cylinder Head
8	695250	1	Breather Assembly
9	696125	1	Gasket–Breather
10	691125	1	Screw (Breather Assembly)
11	691781	1	Tube–Breather
50	497465	1	Manifold–Intake
★51	272199	1	Gasket–Intake
54	691650	1	Screw (Intake Manifold)
306	690450	1	Cylinder Shield
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

Ref. No.	Part No.	Qty.	Description
616	691308	1	Crank–Governor
584	692342	1	Cover–Breather Passage
★585	691879	1	Gasket–Breather Passage
635	66538	1	Boot–Spark Plug
684	690345	1	Screw (Breather Passage Cover)
718	690959	1	Pin–Locating
869	691155	1	Seat–Valve (Intake)
870	690380	1	Seat–Valve (Exhaust)
871	262001	1	Bushing–Guide (Exhaust)
	63709	1	Bushing–Guide (Intake)
1019	494256	1	Kit–Label
1058	274978	1	Owner's Manual

★ Included in Engine Gasket Set–Ref. 358.





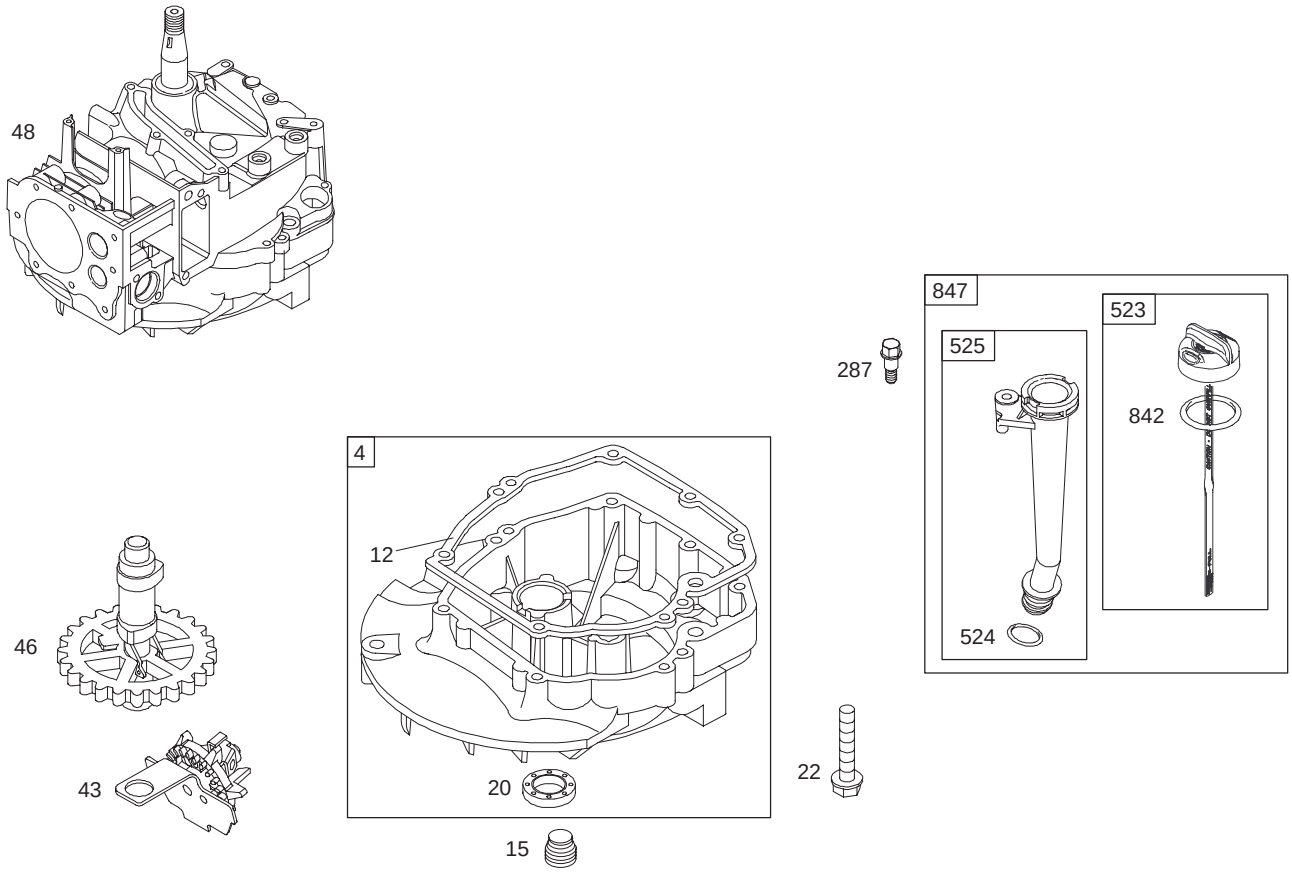


Assemblies include all parts shown in frames.

Crankshaft Assembly
Briggs and Stratton Model 12H802–1720–B1

Ref. No.	Part No.	Qty.	Description
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



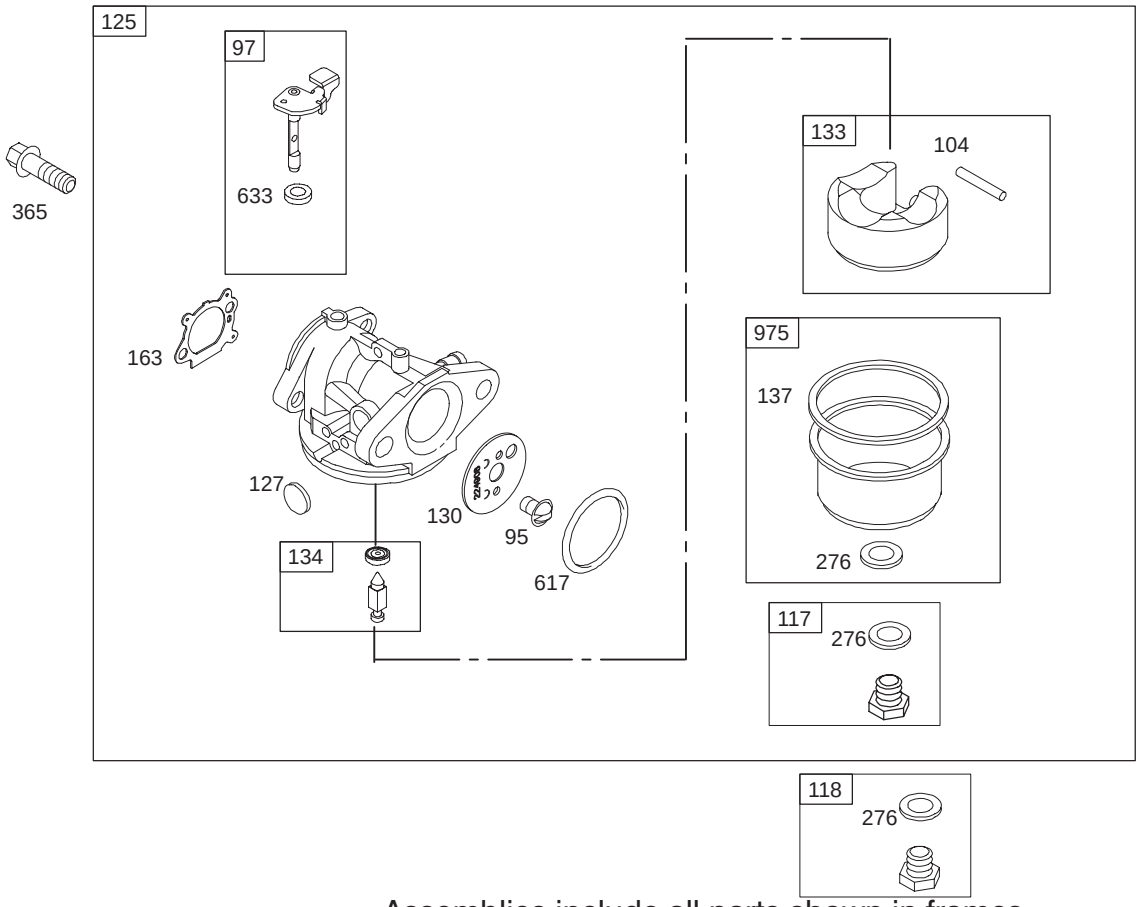
Assemblies include all parts shown in frames.

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

Ref. No.	Part No.	Qty.	Description

★ Included in Engine Gasket Set–Ref. 358.



Assemblies include all parts shown in frames.

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

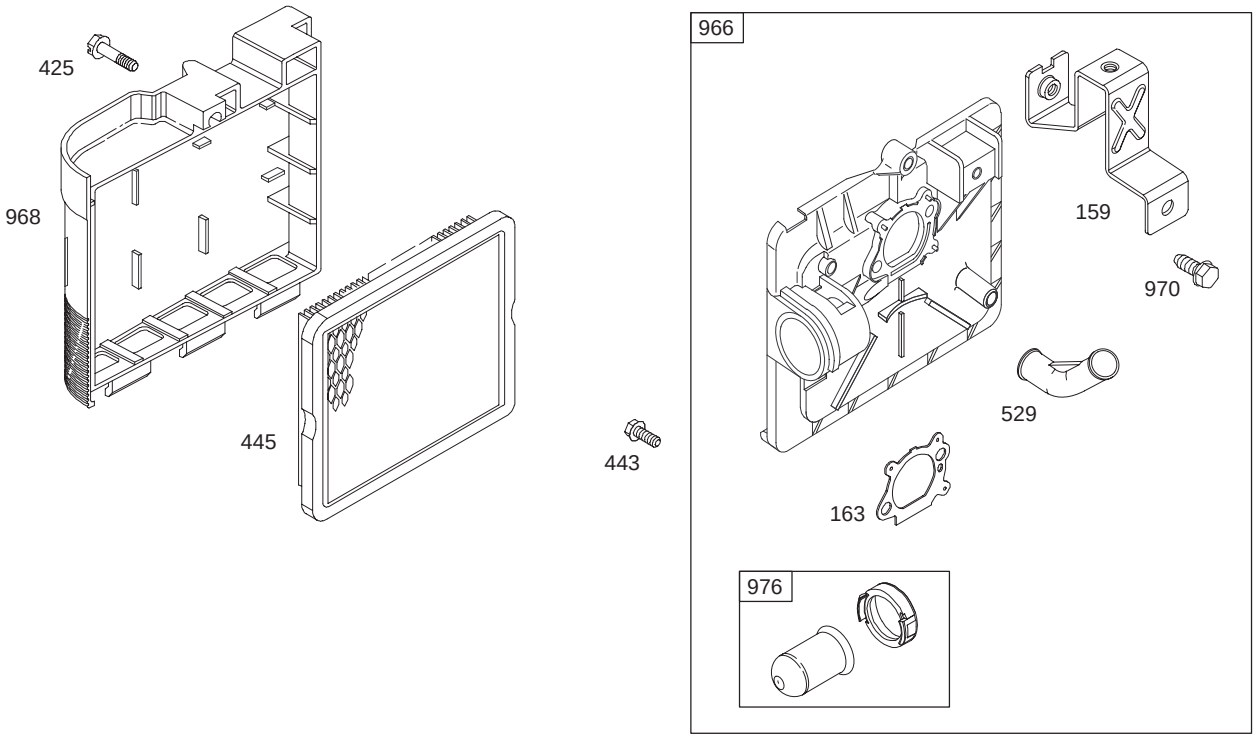
Ref. No.	Part No.	Qty.	Description
95	691636	1	Screw (Throttle Valve)
97	696565	1	Shaft–Throttle
●104	691242	1	Pin–Float Hinge
117	498978	1	Jet–Main (Standard)
118	497466	1	Jet–Main (High Altitude)
125	498170	1	Carburetor
●127	694468	1	Plug–Welch
130	696564	1	Valve–Throttle
133	398187	1	Float–Carburetor
●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.

◆ Included in Carburetor Gasket Set–Ref. 977.



Assemblies include all parts shown in frames.

Air Cleaner Assembly
Briggs and Stratton Model 12H802–1720–B1

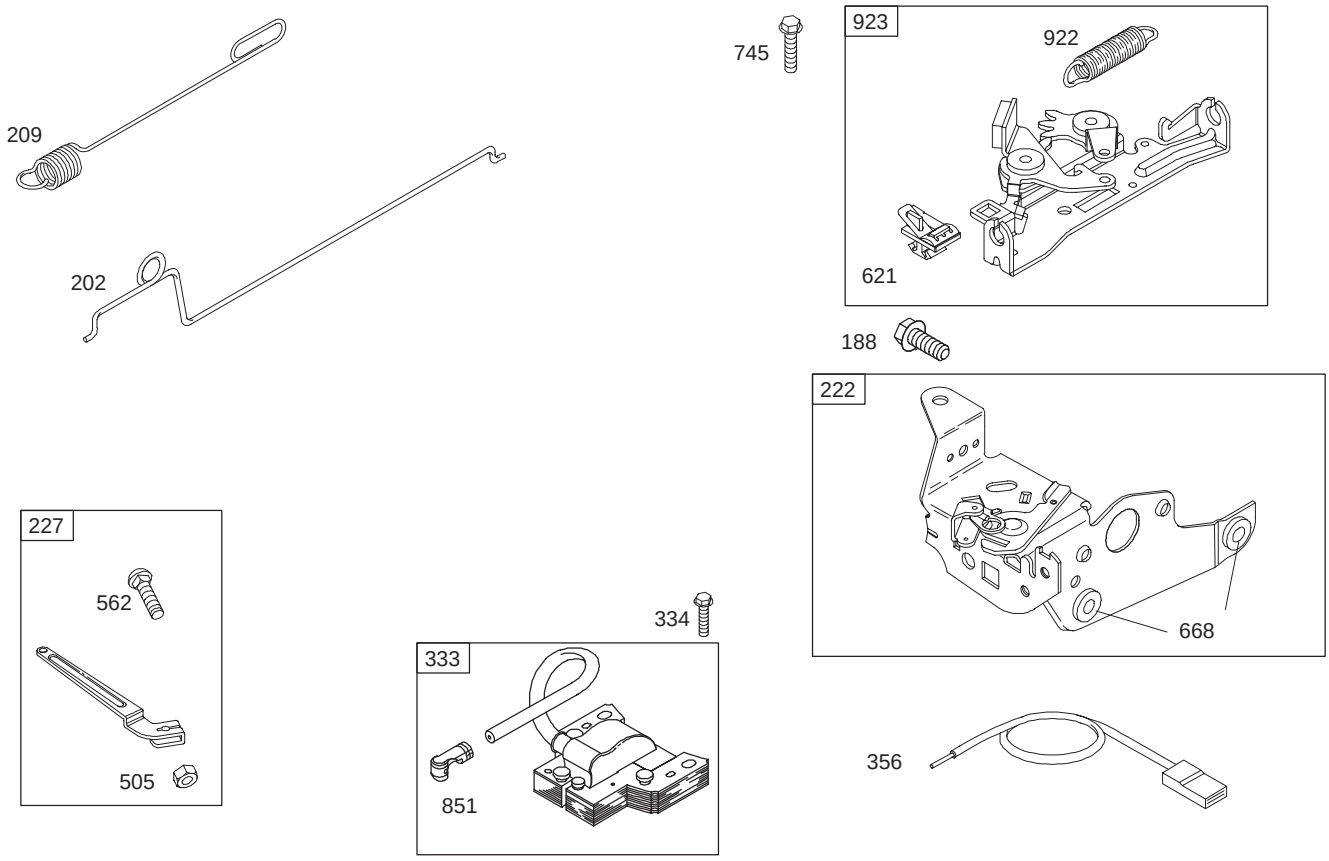
Ref. No.	Part No.	Qty.	Description
159	691753	1	Bracket–Air Cleaner Primer
★●◆163	272653	1	Gasket–Air Cleaner
425	690670	1	Screw (Air Cleaner Cover)
443	692523	1	Screw (Air Cleaner Primer Base)
445	491588	1	Filter–Air Cleaner Cartridge
529	691923	1	Grommet
966	496116	1	Base–Air Cleaner Primer
968	692298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

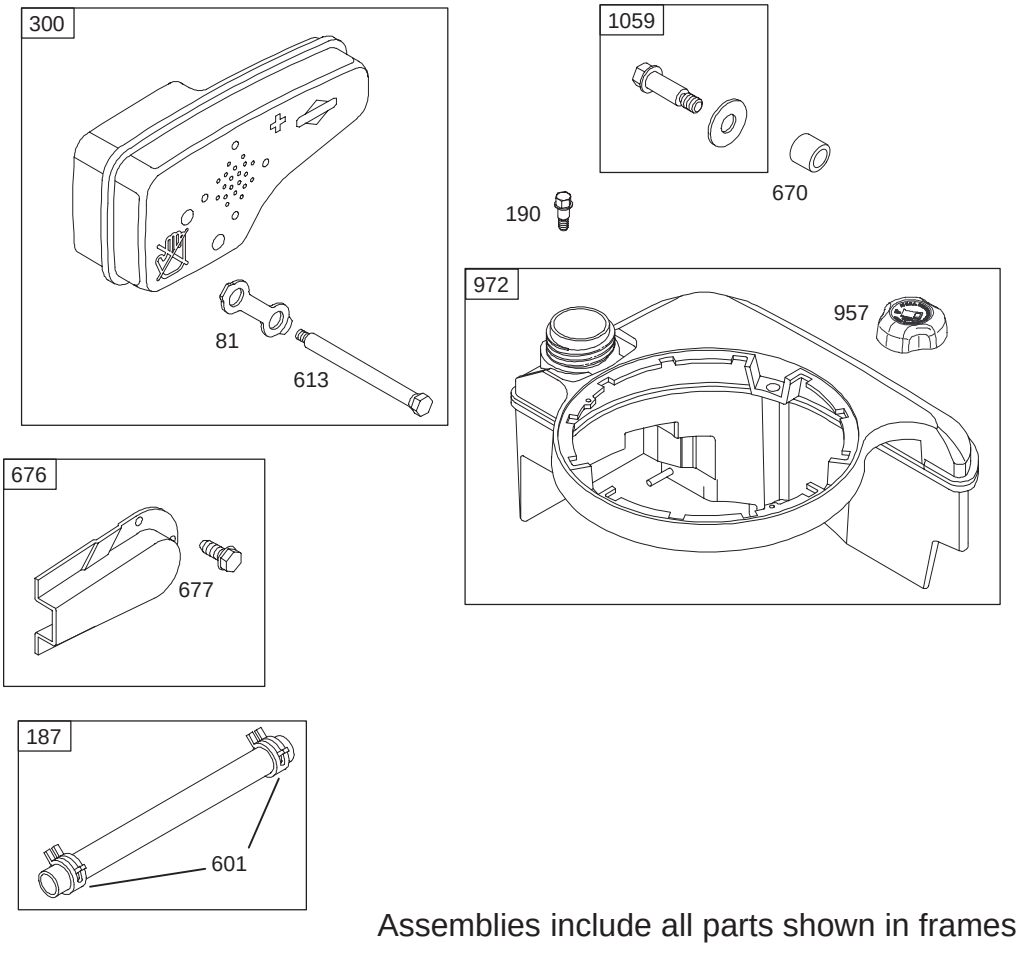


Assemblies include all parts shown in frames.

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

Ref. No.	Part No.	Qty.	Description
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

Ref. No.	Part No.	Qty.	Description

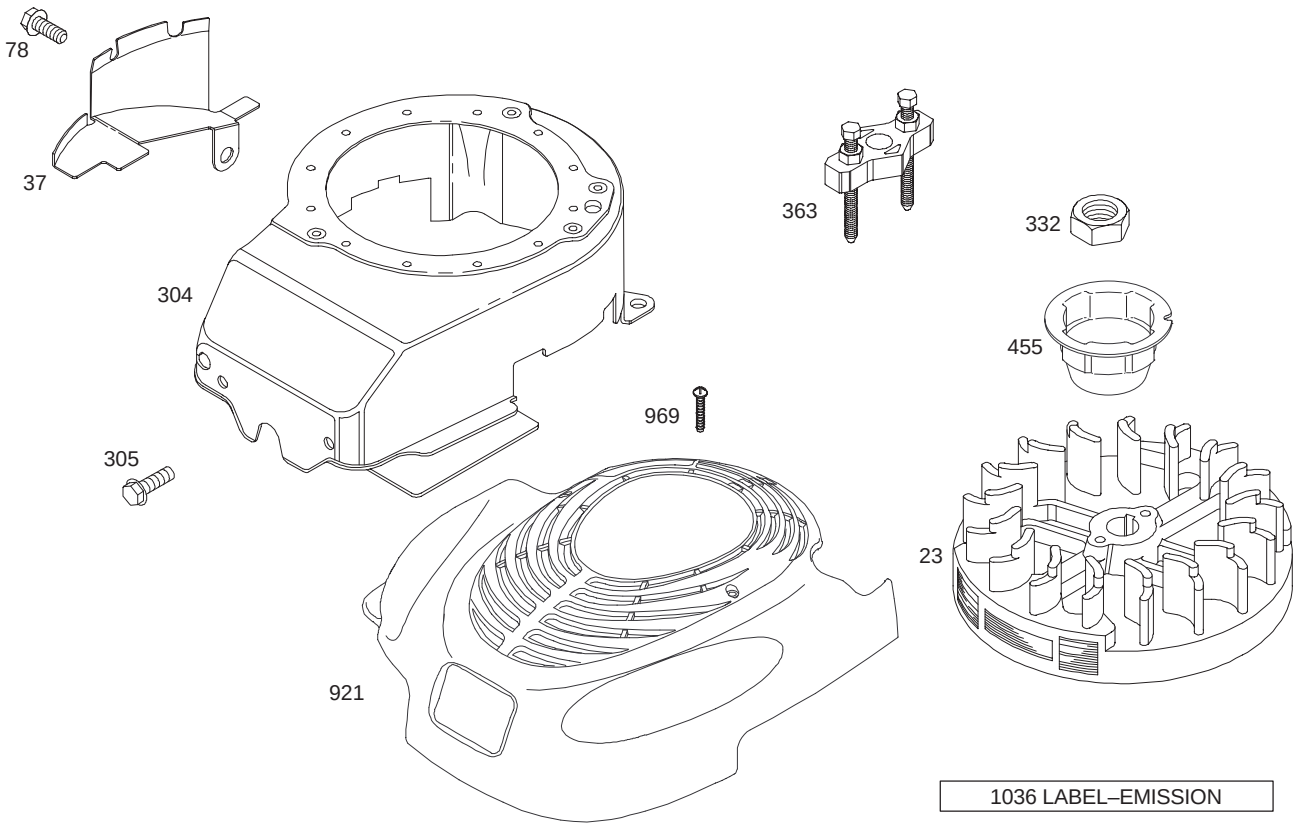


Assemblies include all parts shown in frames.

Muffler and Fuel Tank Assembly
Briggs and Stratton Model 12H802–1720–B1

Ref. No.	Part No.	Qty.	Description
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

Ref. No.	Part No.	Qty.	Description

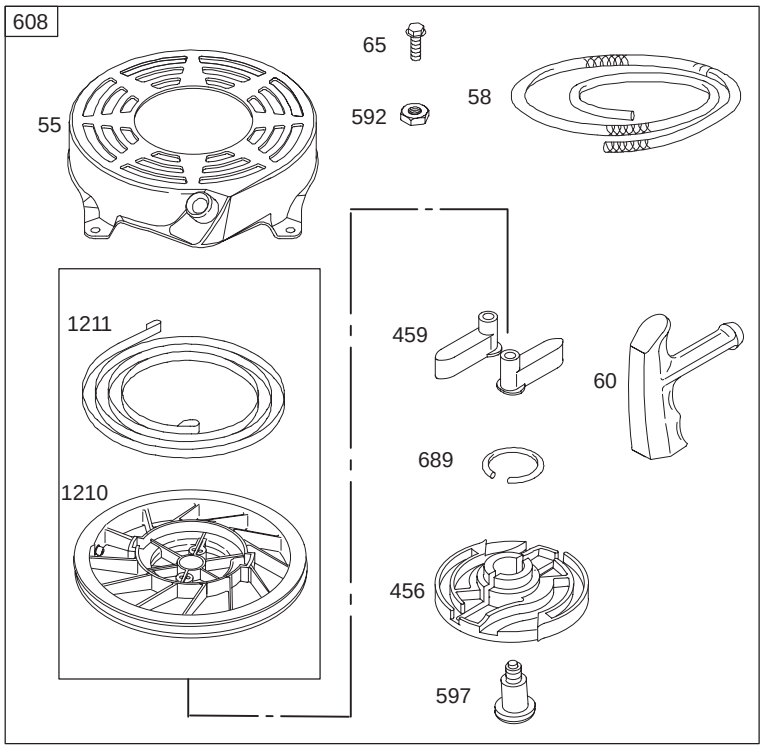


Assemblies include all parts shown in frames.

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

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

Ref. No.	Part No.	Qty.	Description

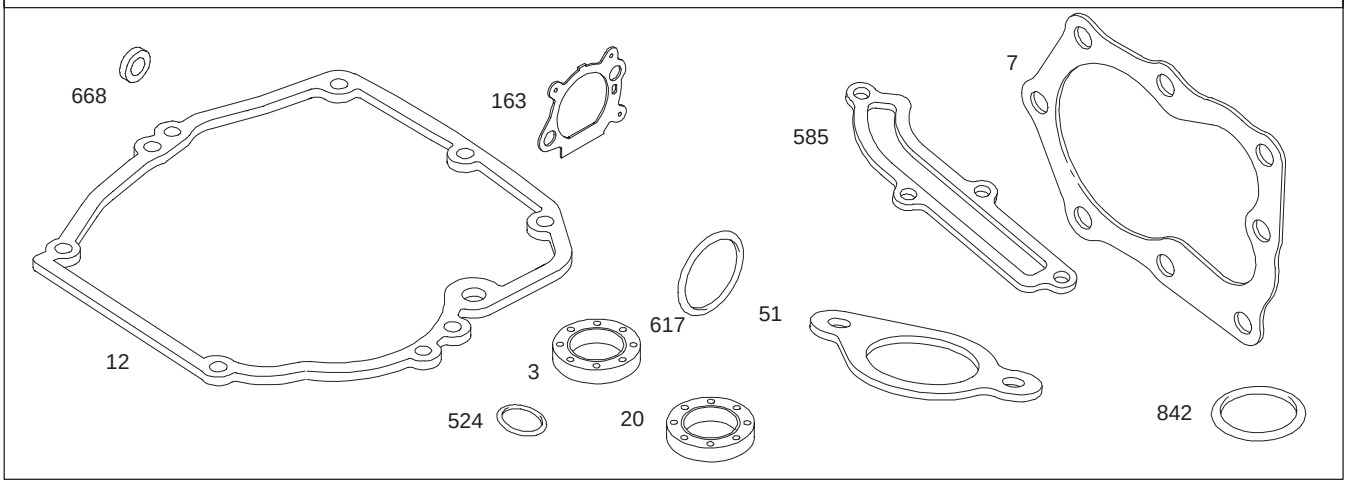


Starter Assembly
Briggs and Stratton Model 12H802–1720–B1

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)

Ref. No.	Part No.	Qty.	Description

358 ENGINE GASKET KIT



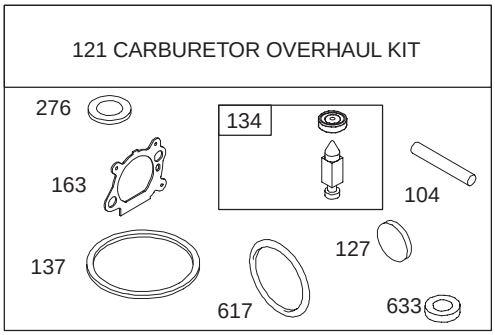
Assemblies include all parts shown in frames.

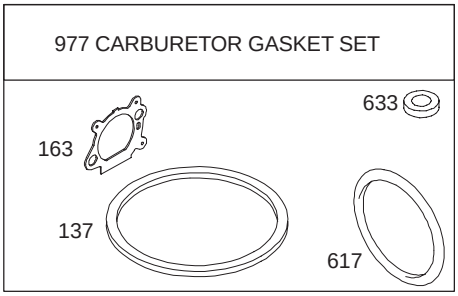
Gasket Assembly
Briggs and Stratton Model 12H802–1720–B1

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)
★Δ51	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

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.

Maintenance Record

Date								

Maintenance Record

Date								


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