Form No. 3325-506

Recycler®

Walk Behind Mower

Model No. 20020-210000001 and Up

Model No. 20021-210000001 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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Contents

Description	Page
Housing & Handle Bracket Assembly	3
Gear Case Assembly	4
Gear Case & Wheel Assembly	5
Engine Assembly	6
Handle Assembly	7
Rear Bag Tunnel Assembly	8
Rear Grass Bag Assembly	9
Discharge Door Assembly (Model 20021 only)	10
Discharge Chute Assembly (Model 20021 only)	11
Grass Bag Assembly (Model 20021 only)	12
Bag Chute Assembly (Model 20021 only)	13
Engine	14–22
Maintenance	23

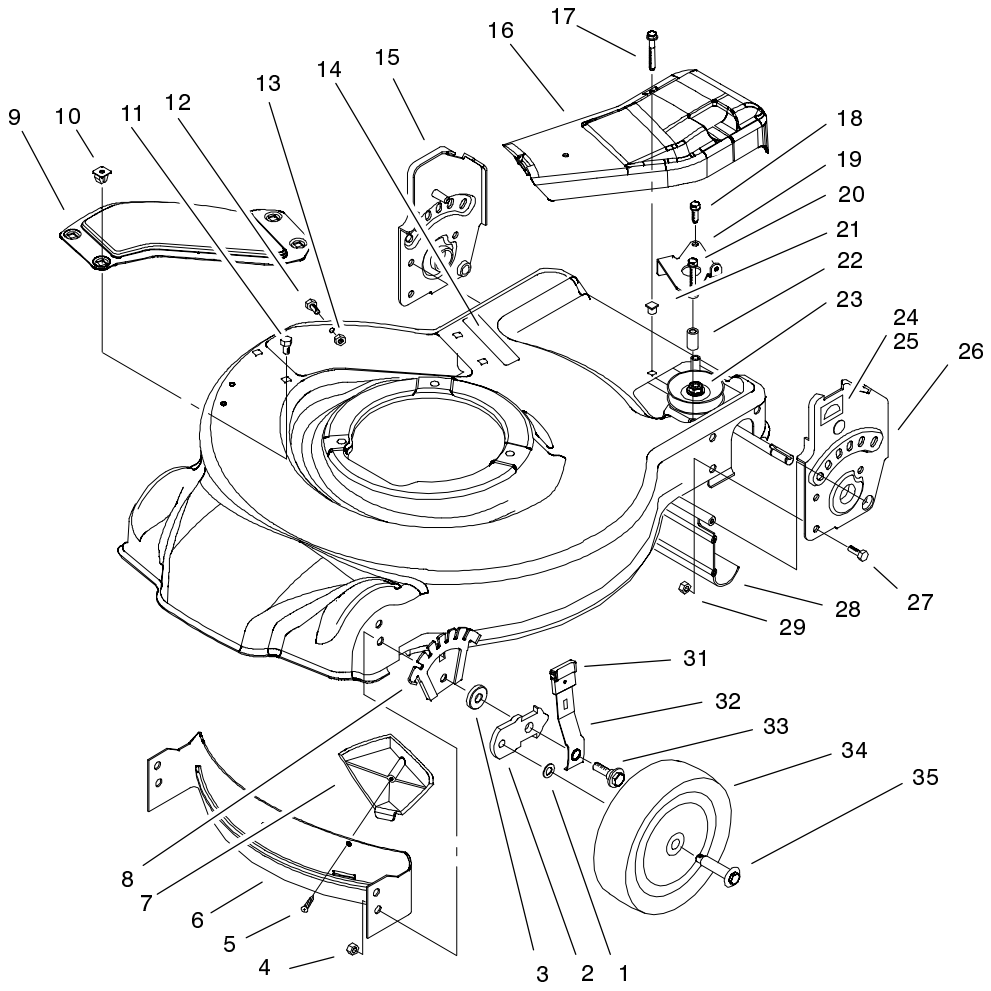
Accessories

Description	Model / Part No.
Recycler Bagging Kit (Only on 20020)	Model No. 59299
Chute Plug Kit	Model No. 59134

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

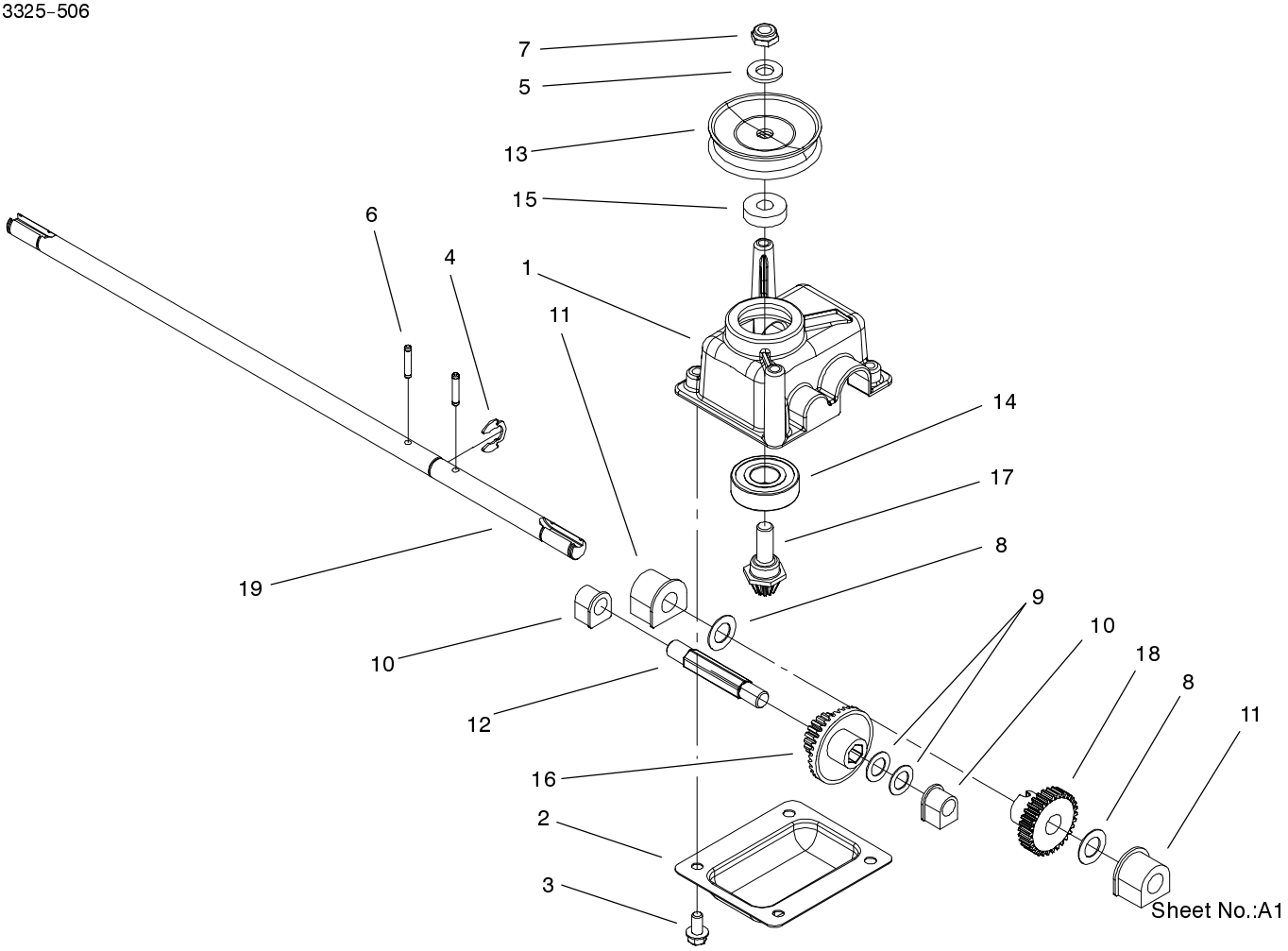


Sheet No.:2

Housing & Handle Bracket Assembly

Ref. No.	Part No.	Qty.	Description
1	40-1940	2	Washer
2	95-7403-03	2	Bracket-Wheel Height Adjustment
3	92-4890	2	Washer - Wheel
4	3296-39	2	Nut-Lock, NI
5	93-0231	1	Screw - PPH
6	93-0222-03	1	Baffle - Front
7	93-0216	1	Kicker - Front
8	92-4881-03	2	Plate - Height Adjustment
9	93-0230-01	1	Cover - Recycling (only on: 20020)
10	93-0242	4	Grommet (only on: 20020)
11	32144-4	3	Screw-HH (only on: 20020)
12	32105-27	1	Screw (only on: 20020)
13	3296-2	1	Nut-Lock (only on: 20020)
14	99-6018	1	Decal - Warning
15	93-0234	1	ASM - RH Handle Bracket
16	93-0209	1	Cover - Transmission
17	32144-119	1	Screw-Pth
18	49-2040	1	Screw-Tapping

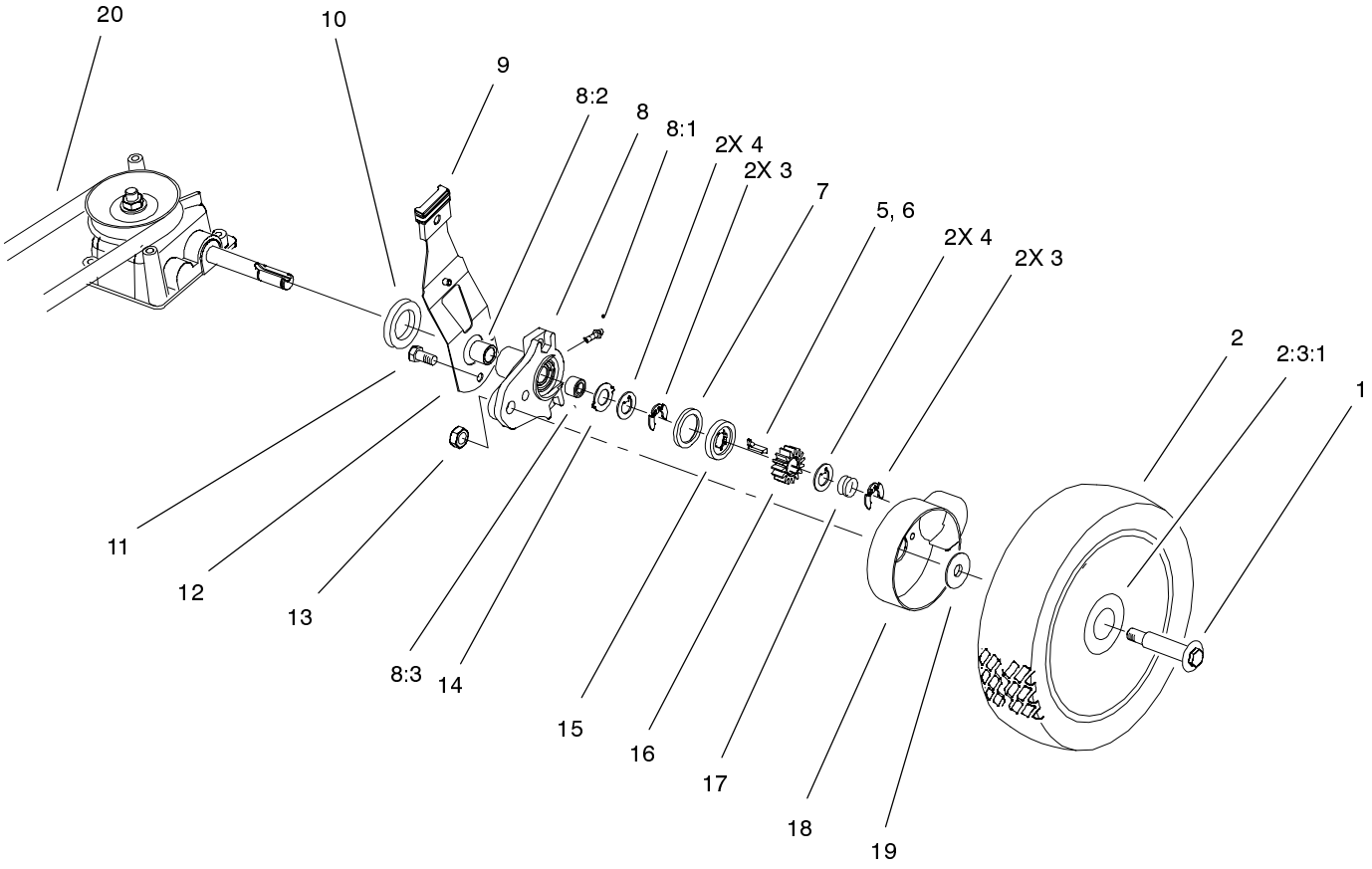
Ref. No.	Part No.	Qty.	Description
19	93-0228-03	1	Guide - Transmission
20	92-1616	1	Screw-HWHTF
21	605120	1	Grommet
22	614673	1	Bushing-Plate, Actuator
23	104-7678	1	Gear Case ASM, Ts
24	92-2915	1	Decal - HOC, LH
25	92-2914	1	Decal - HOC, RH
26	93-0233	1	ASM - LH Handle Bracket
27	322-3	6	Screw-HH
28	92-8647	1	Shield - Trailing
29	3296-29	6	Nut-Lock
31	92-1008	2	Knob-Lever, Height Adjustment
32	614687	2	Arm-Front Spring
33	614650	2	Bolt-Shoulder
34	92-9591	2	Wheel ASM
35	614672	2	Bolt-Shoulder



Gear Case Assembly

Ref. No.	Part No.	Qty.	Description
1	104-7619	1	Casting-Gear Case
2	614668-03	1	Cover-Gear Case
3	32144-4	4	Screw-HH
4	32151-68	1	Ring-Retaining
5	3256-24	1	Washer-Flat
6	3285-19	2	Pin-Groove
7	3296-5	1	Nut-Lock Nl
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	38-7820	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	104-7670	1	Shaft-Output

Ref. No.	Part No.	Qty.	Description

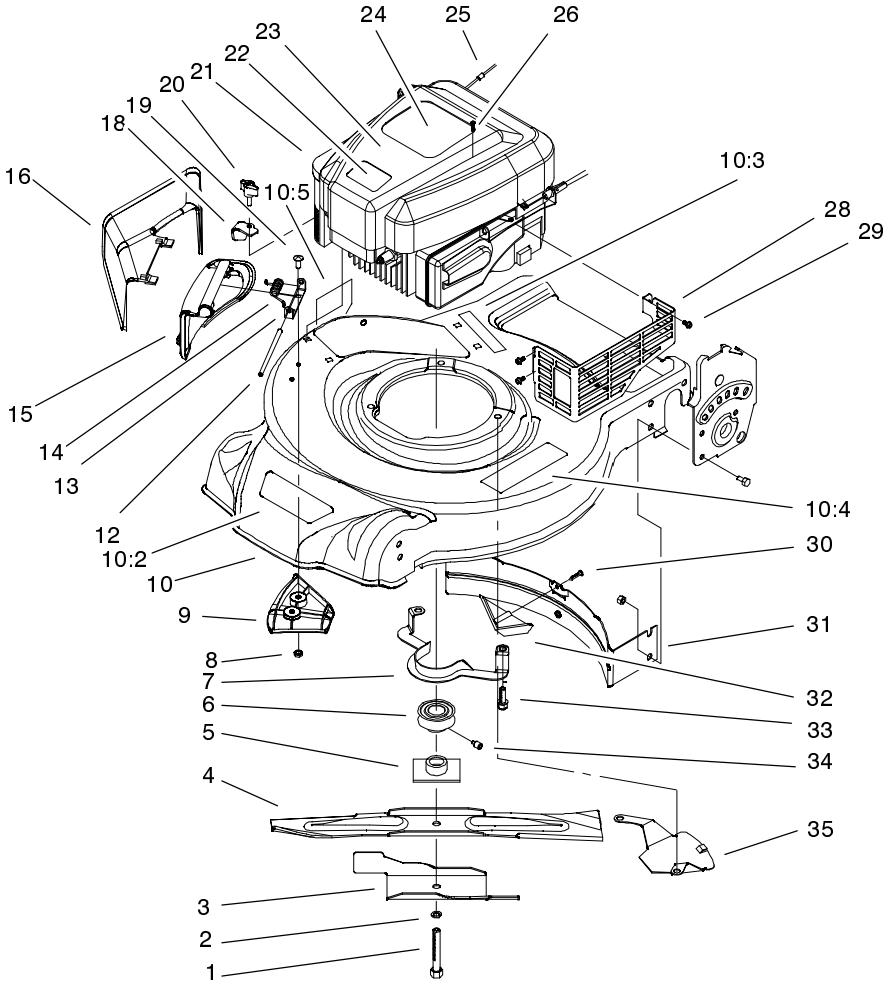


Sheet No.:3

Gear Case & Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	92-1057	2	Bolt-Shoulder
2	92-9590	2	Wheel ASM
2:3:1	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	92-7746	2	Arm ASM-Rear Height Adjustment
8:1	302-56	1	Fitting-Zerk
8:2	47-2900	1	Bushing
8:3	70-9760	1	Bushing
9	92-1008	2	Knob-Lever, Height Adjustment
10	614447	2	Spacer-Axle Shaft
11	32144-85	2	Screw-HH
12	92-1004	2	Rear 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	94-1609	2	Cover-Wheel

Ref. No.	Part No.	Qty.	Description
19	614426	2	Washer-Stepped
20	93-0232	1	V-Belt

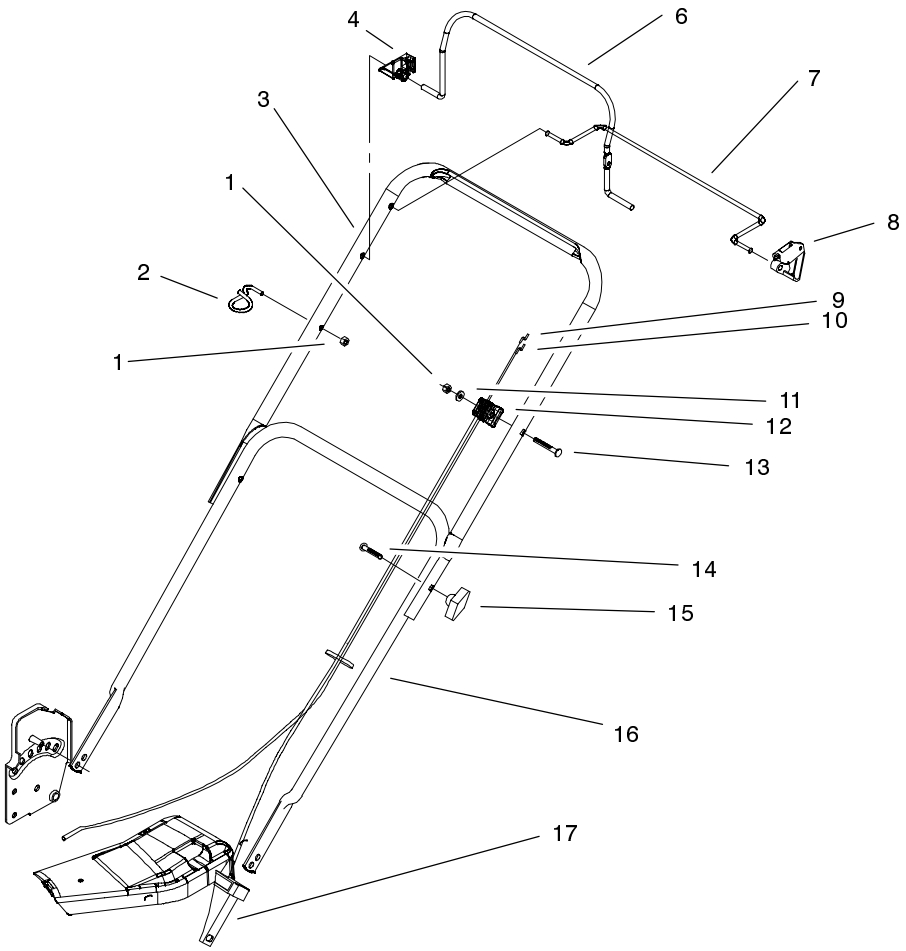


Sheet No.:4

Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	95-1748	1	Screw-Blade
2	3253-22	1	Washer-Lock
3	93-0219-03	1	Accelerator
4	93-0241-03	1	Blade - Steel Deck
5	104-1008	1	Retainer-Blade
6	95-1878	1	Pulley
7	92-1024-03	1	Guide-Belt
8	32128-32	2	Nut-HHF
9	99-6349	1	Baffle
10	99-5236	1	Housing Sp Steel (Service)
10:2	99-6011	1	Decal - Deck
10:3	99-6018	1	Decal - Warning
10:4	93-0248	1	Decal - Warning
10:5	43-8480	1	Decal-Danger
11	99-6011	1	Decal - Deck
12	99-5291	1	Rod-Cover
13	99-5292	1	Bracket-Cover
14	99-5293	1	Spring-Torsion
15	99-5294	1	Cover-Side
16	99-5295	1	Chute-Side
17	43-8480	1	Decal-Danger
18	100-1589-03	1	Clamp-Door (only on: 20020)
19	3229-11	2	Screw-CARR
20	98-8332	1	Knob (only on: 20020)
☆21		1	Engine Briggs & Stratton Model 12h802-1776-B1
22	98-3206	1	Nameplate - Toro
23	93-0243	1	Shroud-Quantum Wedge
24	99-6013	1	Decal - Recoil
25	2210-316	1	Stop-Rope
26	32144-121	2	Screw-PPH
28	104-7577-03	1	Shield-Muffler
29	32144-1	3	Screw-Taptite
30	93-0231	1	Screw - PPH
31	93-0223-03	1	Baffle - Rear
32	93-0217	1	Kicker - Rear
33	95-1726	3	Screw-Taptite W/Patch
34	104-0214	1	Screw-Set,Cone Point
35	93-4196-03	1	Shield - Grass

☆ Not serviced

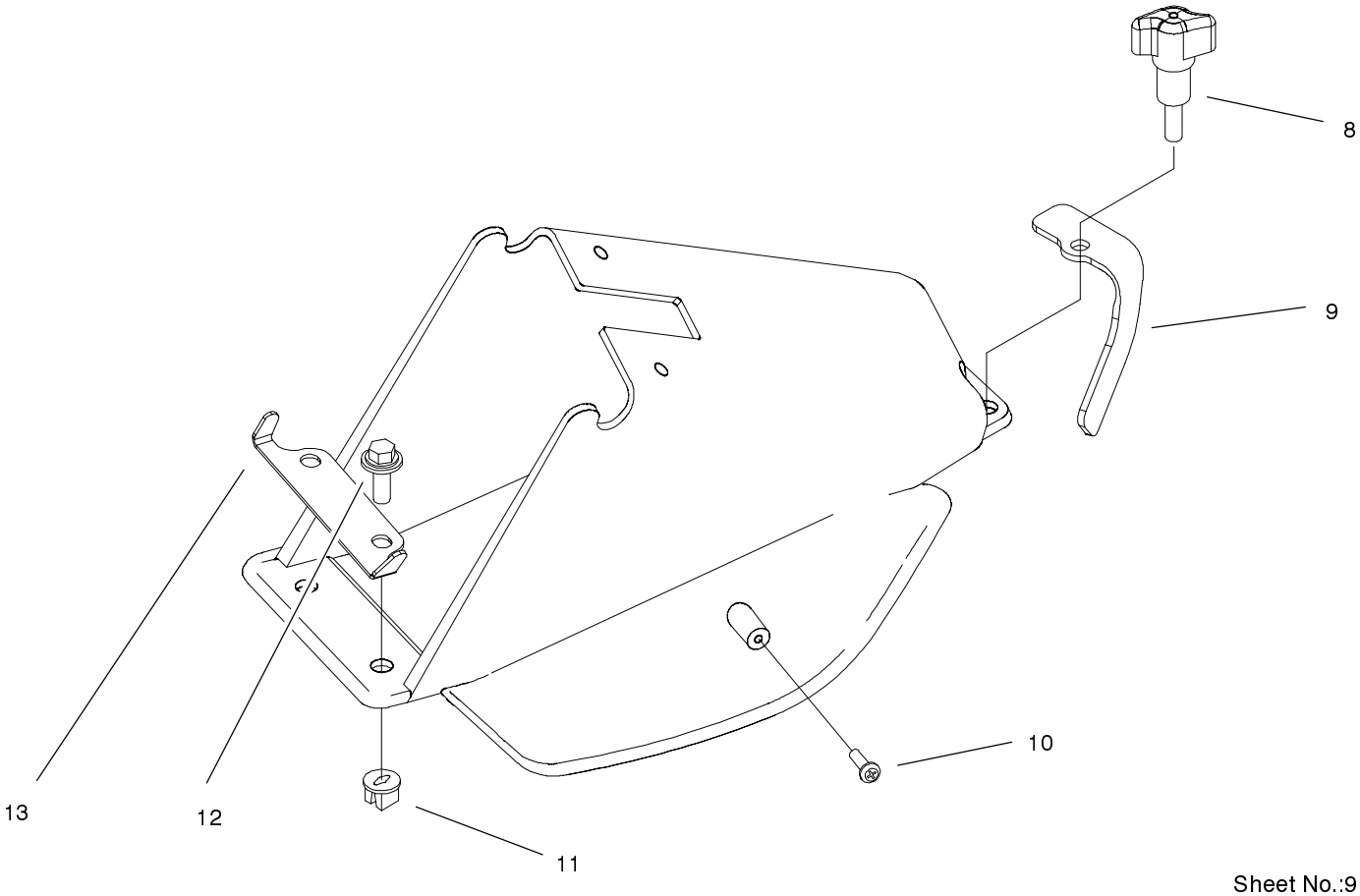


Sheet No.:7

Handle Assembly

Ref. No.	Part No.	Qty.	Description
1	3296-73	2	Nut-Lock, Nl
2	86-9671	1	Guide-Rope
3	99-1569-05	1	Handle-Upper
4	94-6097	1	Stop
6	99-1570-03	1	Bail-Brake
7	99-1571-03	1	Bail-Traction
8	92-5412	1	Stop-Pivot
9	99-1586	1	Cable-Traction
10	99-1587	1	Cable-Brake
11	3256-1	1	Washer-Flat
12	94-6096	1	Anchor - Cable
13	92-2269	1	Screw-Handle
14	92-2260	2	Screw-Handle
15	98-7134	2	Knob-Handle
16	99-6021-05	1	Lower Handle
17	93-7380	1	Anchor - Cable

Ref. No.	Part No.	Qty.	Description

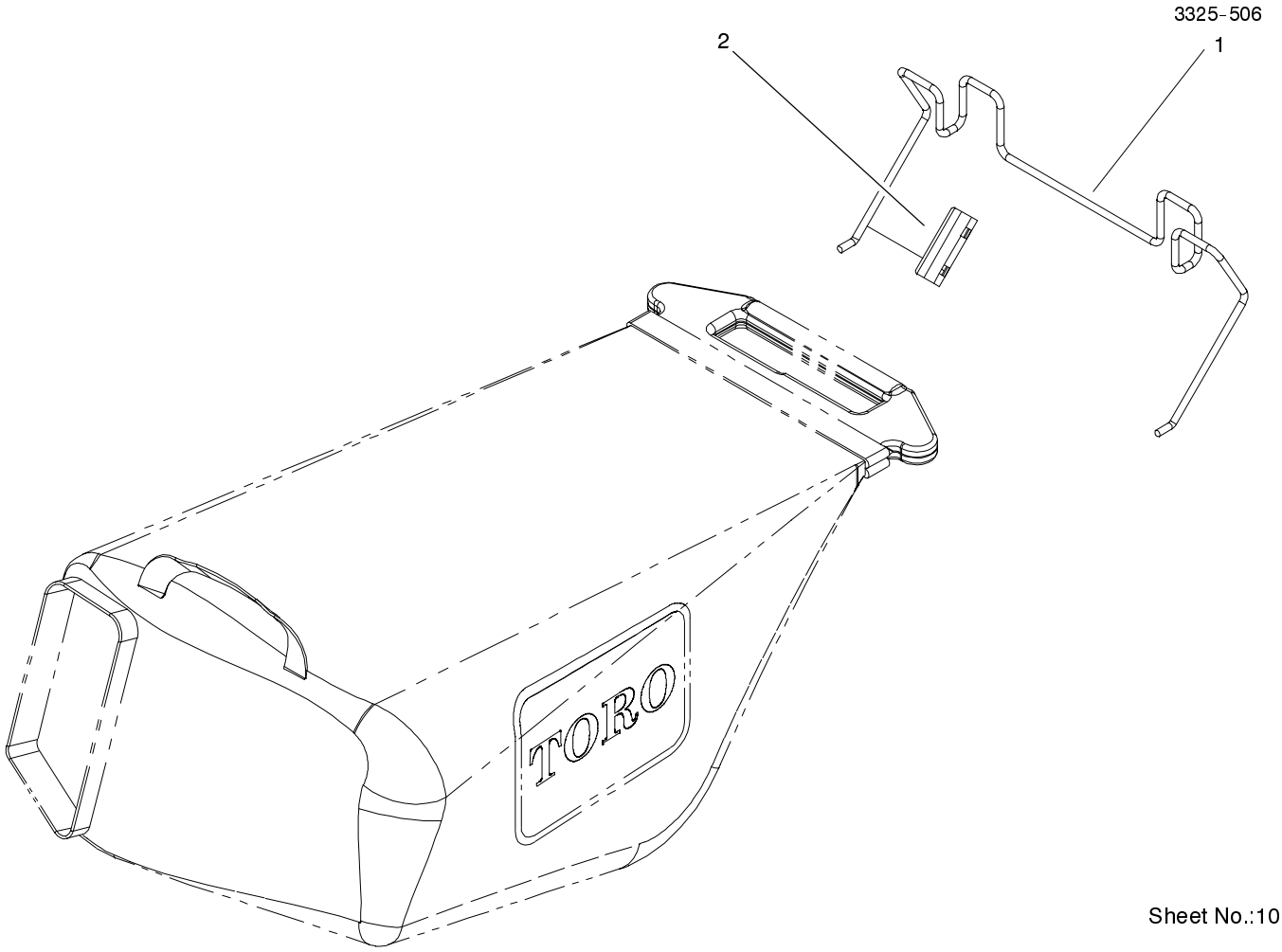


Sheet No.:9

Rear Bag Tunnel Assembly

Ref. No.	Part No.	Qty.	Description
8	100-1590	1	Knob (only on: 20021)
9	100-1589-03	1	Clamp-Door (only on: 20021)
10	32144-111	1	Screw-PPH (only on: 20021)
11	93-0242	4	Grommet (only on: 20021)
12	46-6811	3	Screw-HWH (only on: 20021)
13	98-2694-01	1	Bracket-Mount,Chute (only on: 20021)

Ref. No.	Part No.	Qty.	Description

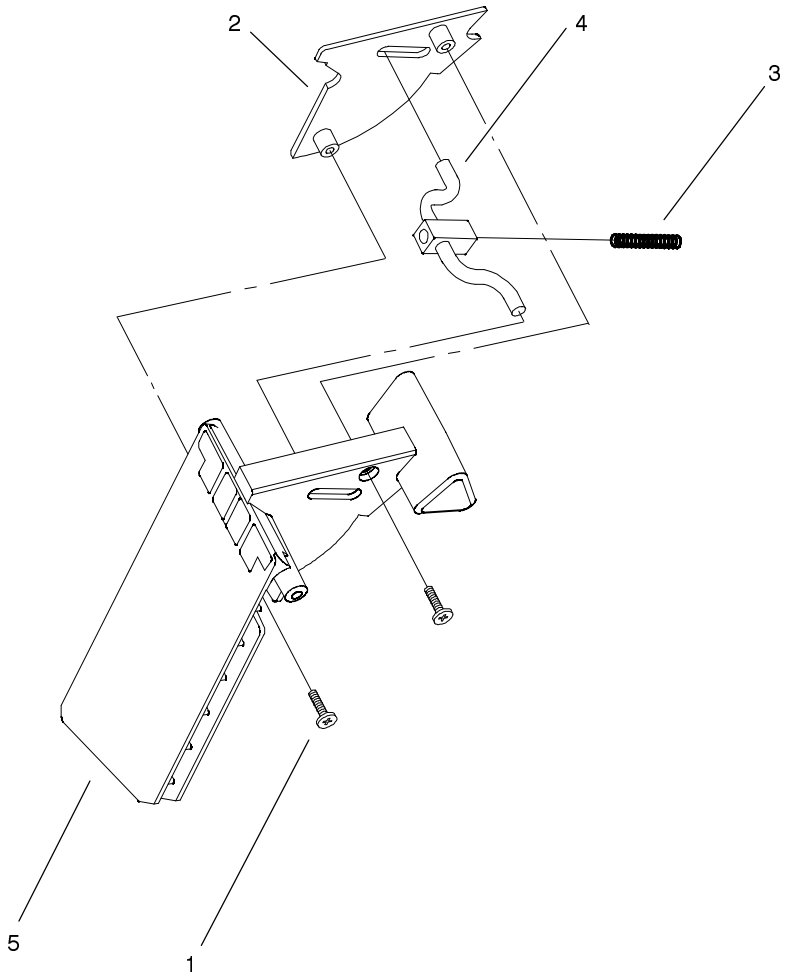


Sheet No.:10

Rear Grass Bag Assembly

Ref. No.	Part No.	Qty.	Description
1	98-2690-03	1	Hanger-Bag,Ts (only on: 20021)
2	98-2691-03	2	Clamp-Hanger,Bag (only on: 20021)

Ref. No.	Part No.	Qty.	Description



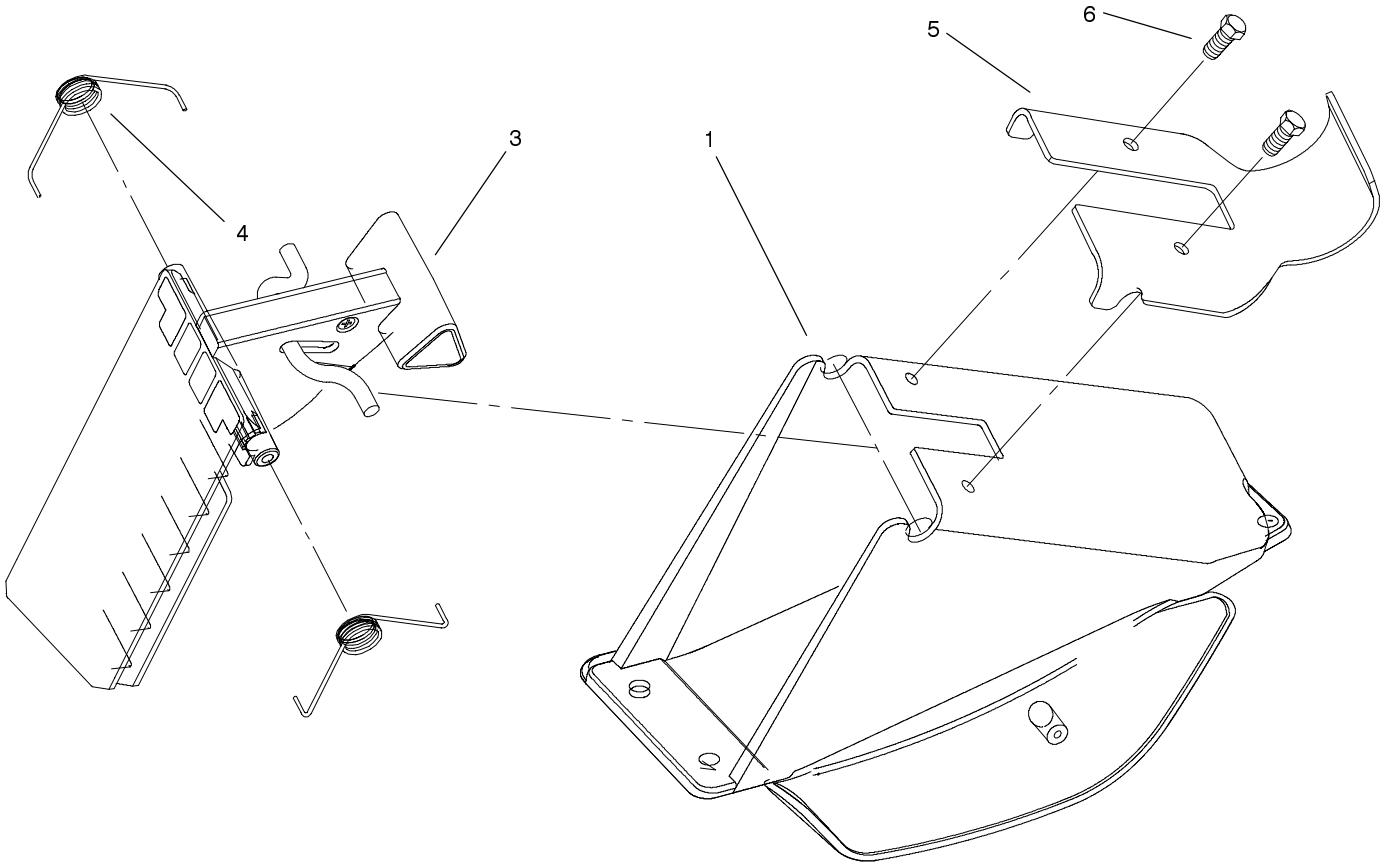
Sheet No.:1

Discharge Door Assembly (Model 20021 only)

Ref. No.	Part No.	Qty.	Description
1	32144-32	2	Screw
2	33-0441	1	Door Cover
3	33-0450	1	Spring-Compression, Latch
4	88-1800	1	Latch-Door
5	93-0264	1	Door - Discharge
*	93-0273	1	ASM - Discharge Door

Ref. No.	Part No.	Qty.	Description

* Not illustrated



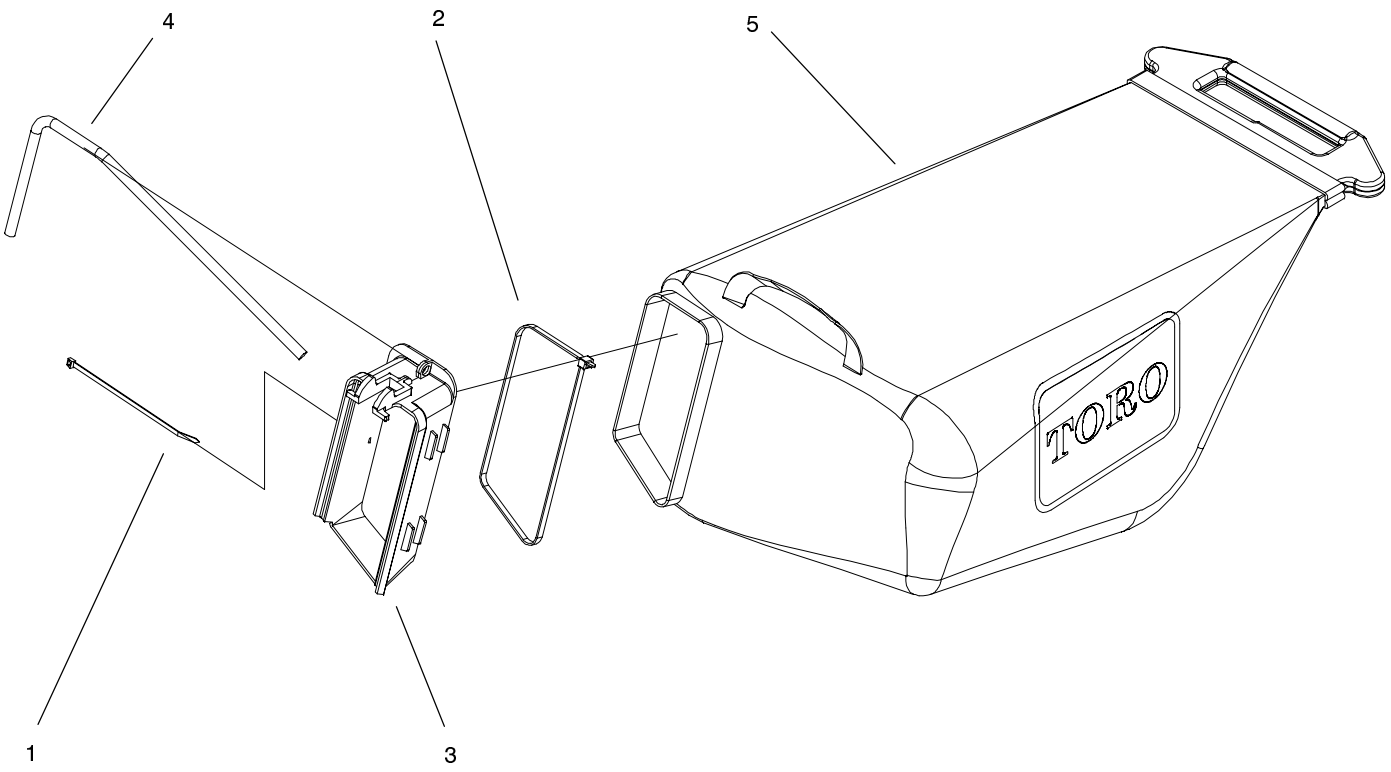
Sheet No.:1A

Discharge Chute Assembly (Model 20021 only)

Ref. No.	Part No.	Qty.	Description
1	93-0263	1	Chute - Discharge
3	93-0273	1	ASM - Discharge Door
4	88-1090	2	Spring-Door, RH
5	100-1190-03	1	Plate-Discharge Chute
6	46-8090	2	Screw-Plastite
*	93-0274	1	ASM - Discharge Chute

Ref. No.	Part No.	Qty.	Description

* Not illustrated



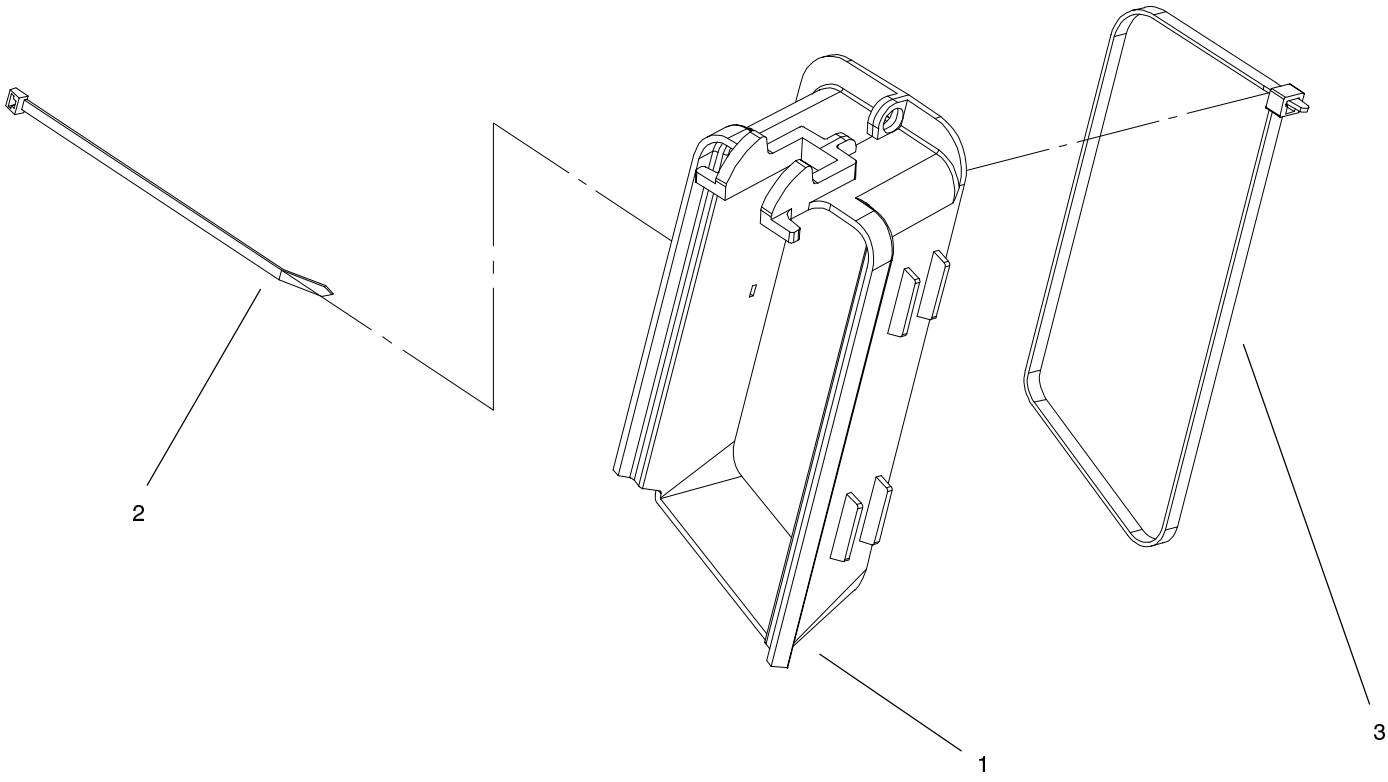
Sheet No.:1B

Grass Bag Assembly (Model 20021 only)

Ref. No.	Part No.	Qty.	Description
1	614249	4	Tie-Strap
2	614700	1	Tie Strap
☆3		1	Chute-Bag,Inlet
4	98-2693-03	1	Wire-Support,Bag
☆5		1	Bag-Grass,Ts
*	98-2699	1	Grass Bag ASM

Ref. No.	Part No.	Qty.	Description

☆ Not serviced
* Not illustrated



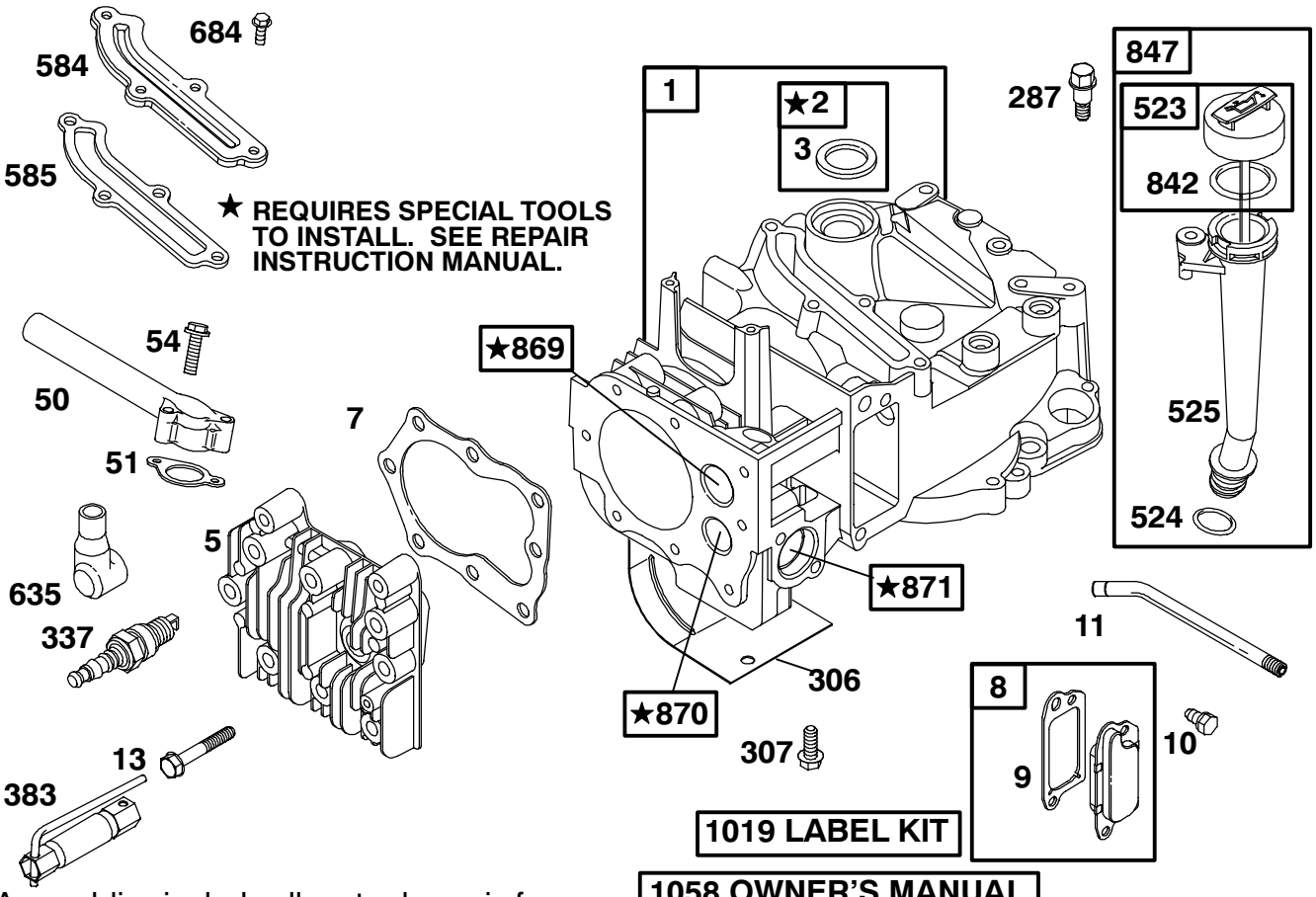
Sheet No.:1C

Bag Chute Assembly (Model 20021 only)

Ref. No.	Part No.	Qty.	Description
☆1		1	Chute-Bag,Inlet
2	614249	4	Tie-Strap
3	614700	1	Tie Strap
*	104-7951	1	Bag Chute ASM

Ref. No.	Part No.	Qty.	Description

☆ Not serviced
* Not illustrated



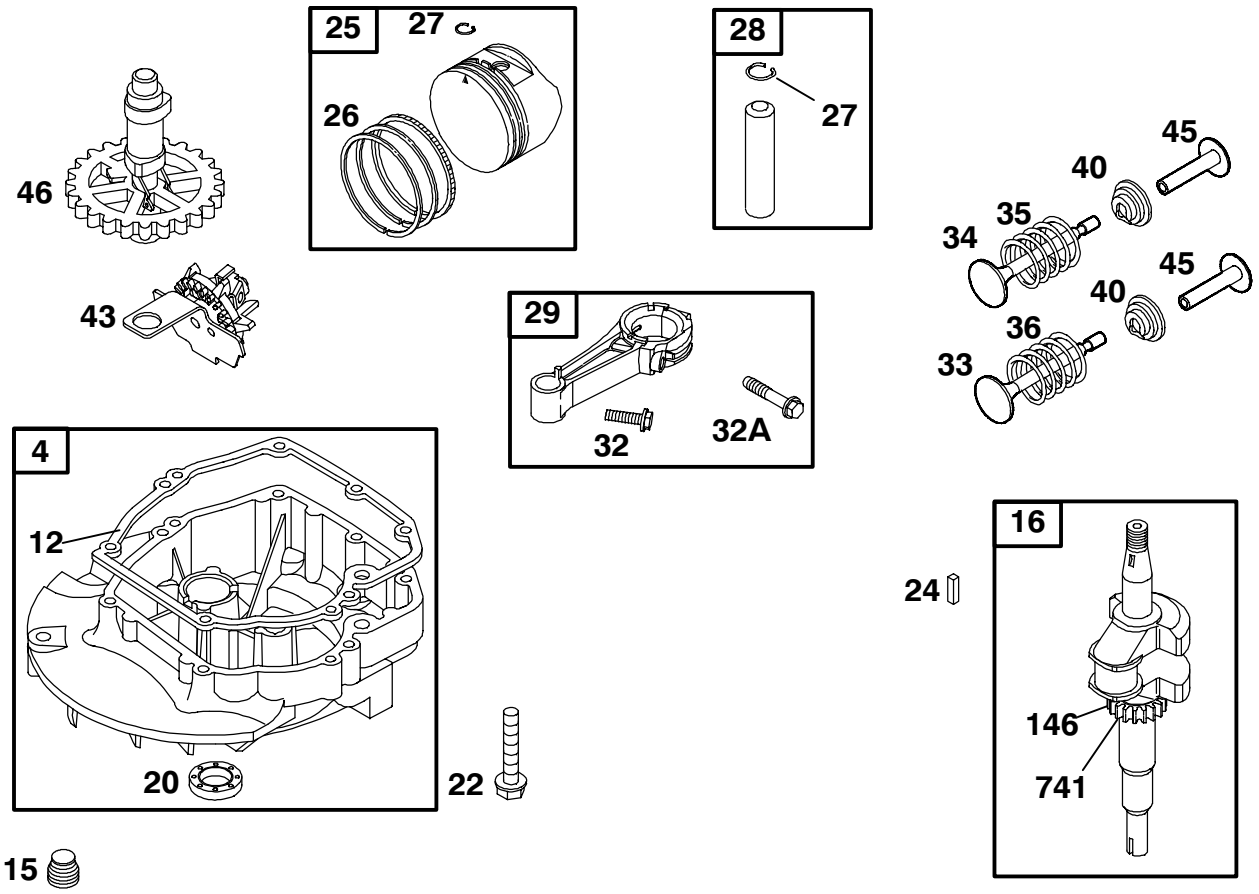
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12H802-1776-B1

Ref. No.	Part No.	Qty.	Description
1	493260	1	Cylinder Assembly
2	399269	1	Bearing/Seal Kit (Magneto Side)
★3	299819	1	Oil Seal (Magneto Side)
5	691160	1	Cylinder Head
Δ★7	692249	1	Cylinder Head Gasket
8	695250	1	Breather Assembly
Δ★9	272481	1	Breather Gasket
10	691125	1	Screw (Breather Assembly)
11	691781	1	Breather Tube
13	690912	1	Screw (Cylinder Head)
50	497465	1	Intake Manifold
★51	272199	1	Intake Gasket
54	691650	1	Screw (Intake Manifold)
287	690940	1	Screw (Dipstick Tube)
306	690450	1	Cylinder Shield
307	690345	1	Screw (Cylinder Shield)
337	802592	1	Sparkplug
383	89838	1	Sparkplug Wrench
523	495264	1	Dipstick
★524	692296	1	Dipstick Tube Seal
525	495265	1	Dipstick Tube

Ref. No.	Part No.	Qty.	Description
584	692342	1	Breather Passage Cover
★585	691879	1	Breather Passage Gasket
635	66538	1	Sparkplug Boot
684	690345	1	Screw (Breather Passage Cover)
★842	691031	1	O Ring Seal (Dipstick Tube)
847	692017	1	Dipstick/Tube Assembly
869	691155	1	Valve Seat
		1	(Intake)
870	690380	1	Valve Seat (Exhaust)
871	262001	1	Guide Bushing (Exhaust)
	63709	1	Guide Bushing (Intake)
1019	494256	1	Label Kit
1058	274783	1	Owner's Manual

Δ Included in Valve Gasket Set-Ref. 1095.
★ Included in Engine Gasket Set-Ref. 358.
● Included in Carburetor Overhaul Kit-Ref. 121.
◆ Included in Carburetor Gasket Set-Ref. 977



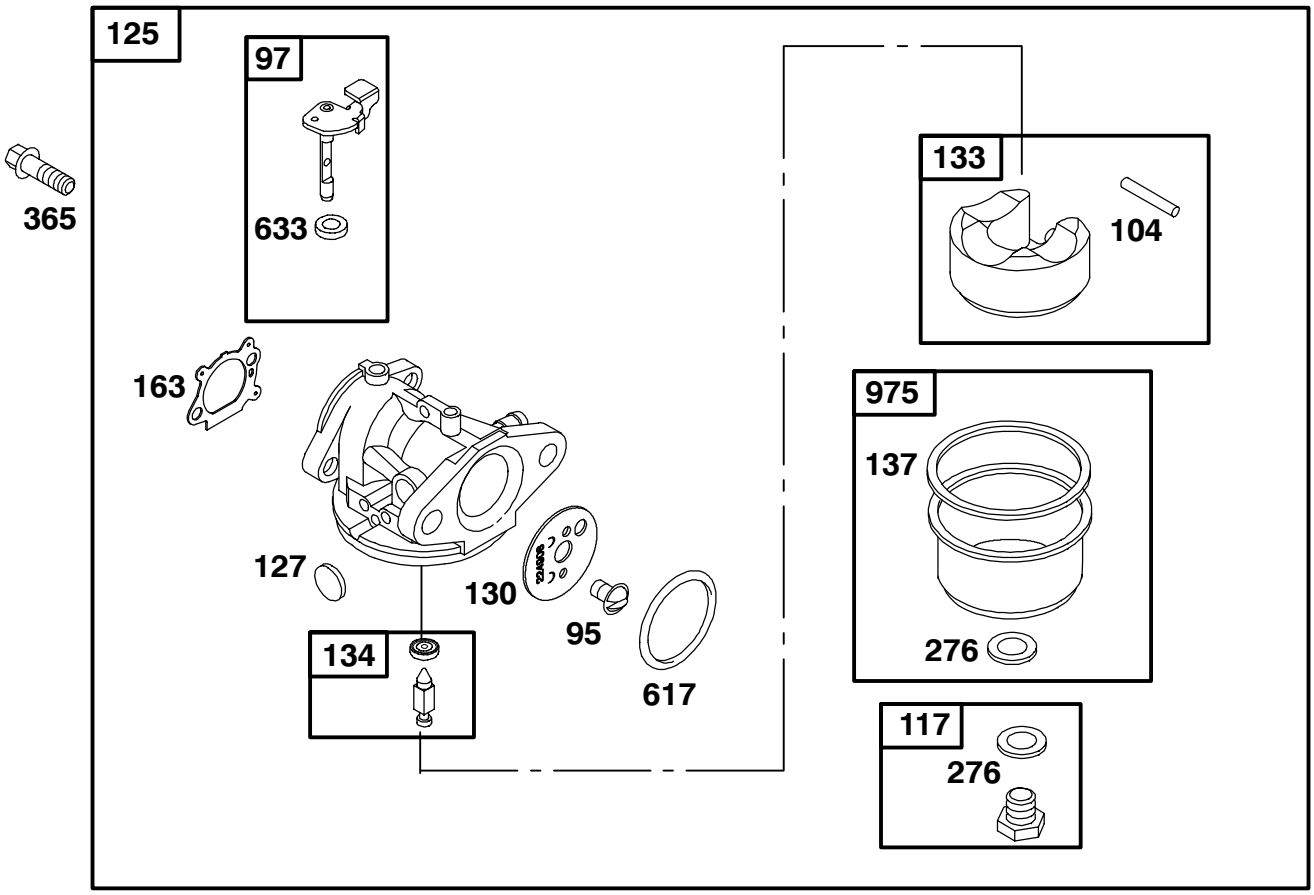
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12H802-1776-B1

Ref. No.	Part No.	Qty.	Description
4	493279	1	Engine Sump
★12	692232	1	Crankcase Gasket
15	691680	1	Oil Drain Plug
16	696009	1	Crankshaft
★20	399781	1	Oil Seal (PTO Side)
22	691092	1	Screw (Engine Sump)
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” O.S.)

Ref. No.	Part No.	Qty.	Description
29	499424	1	Connecting Rod (Standard)
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
43	691997	1	Governor/Oil Slinger
45	690548	1	Valve Keeper
46	691449	1	Camshaft
146	690979	1	Timing Key
741	691830	1	Timing Gear

Δ Included in Valve Gasket Set-Ref. 1095.
★ Included in Engine Gasket Set-Ref. 358.
● Included in Carburetor Overhaul Kit-Ref. 121.
◆ Included in Carburetor Gasket Set-Ref. 977.



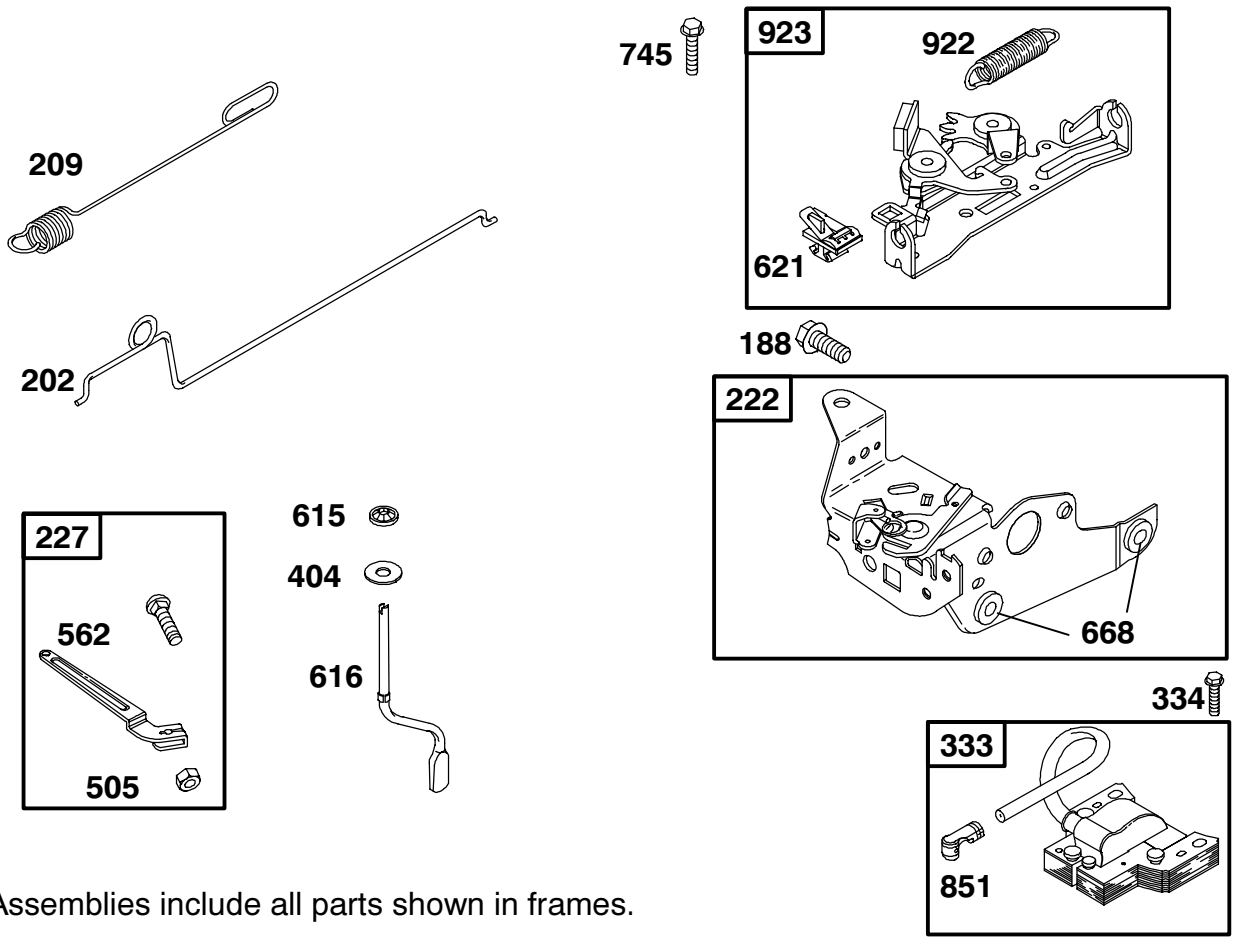
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12H802-1776-B1

Ref. No.	Part No.	Qty.	Description
95	691636	1	Screw (Throttle Valve)
97	493267	1	Throttle Shaft
●104	691242	1	Float Hinge Pin
117	494870	1	Main Jet (Standard)
	497315	1	Main Jet (High Altitude)
125	498170	1	Carburetor
●127	694468	1	Welch Plug
130	691203	1	Throttle Valve
133	398187	1	Carburetor Float
●134	398188	1	Needle/Seat Kit
●◆137	693981	1	Float Bowl Gasket
★●◆163	272653	1	Air Cleaner Gasket
●276	271716	1	Sealing Washer
365	692524	1	Screw (Carburetor)
●◆617	270344	1	O Ring Seal (Intake Manifold)
●◆633	691321	1	Choke/Throttle Shaft Seal
975	493640	1	Float Bowl

Ref. No.	Part No.	Qty.	Description

Δ Included in Valve Gasket Set-Ref. 1095.
★ Included in Engine Gasket Set-Ref. 358.
● Included in Carburetor Overhaul Kit-Ref. 121.
◆ Included in Carburetor Gasket Set-Ref. 977.



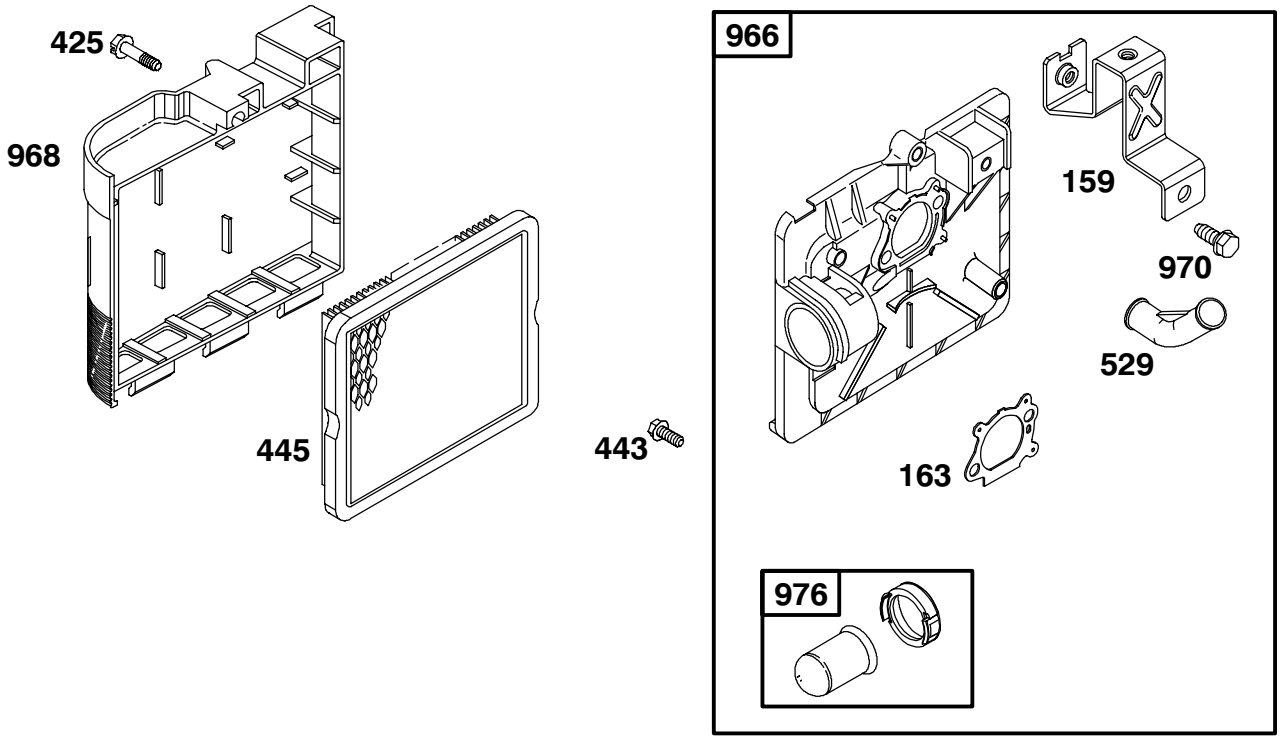
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12H802-1776-B1

Ref. No.	Part No.	Qty.	Description
188	690877	1	Screw (Control Bracket)
202	691829	1	Mechanical Governor Link
209	691292	1	Governor Spring
222	692467	1	Control Bracket
227	690783	1	Governor Control Lever
333	802574	1	Magneto Armature
334	691061	1	Screw (Magneto Armature)
404	690272	1	Washer (Governor Crank)
505	231082	1	Nut (Governor Control Lever)
562	92613	1	Screw (Governor Control Lever)
615	690340	1	Governor Shaft Retainer
616	691306	1	Governor Crank
621	692310	1	Stop Switch
★668	493823	1	Spacer (Includes 2)
745	691648	1	Screw (Brake)
851	493880	1	Sparkplug Terminal
922	691831	1	Brake Spring

Ref. No.	Part No.	Qty.	Description
923	691994	1	Brake

Δ Included in Valve Gasket Set-Ref. 1095.
★ Included in Engine Gasket Set-Ref. 358.
● Included in Carburetor Overhaul Kit-Ref. 121.
◆ Included in Carburetor Gasket Set-Ref. 977.



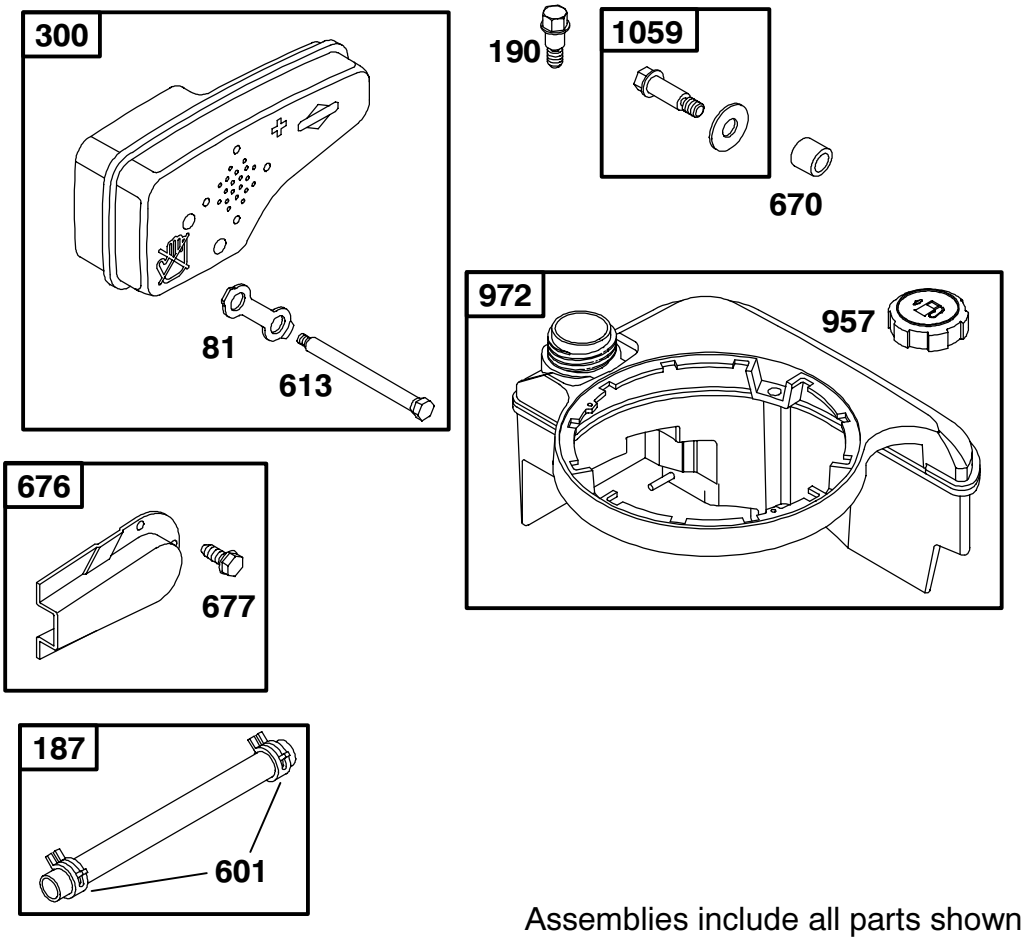
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12H802-1776-B1

Ref. No.	Part No.	Qty.	Description
159	691753	1	Air Cleaner Primer Bracket
★●◆163	272653	1	Air Cleaner Gasket
425	690670	1	Screw (Air Cleaner Cover)
443	692523	1	Screw (Air Cleaner Primer Base)
445	491588	1	Air Cleaner Cartridge Filter
529	691923	1	Grommet
966	496116	1	Air Cleaner Primer Base
968	692298	1	Air Cleaner Cover
970	691669	1	Screw (Air Cleaner Primer Bracket)
976	694395	1	Carburetor Primer

Ref. No.	Part No.	Qty.	Description

Δ Included in Valve Gasket Set-Ref. 1095.
★ Included in Engine Gasket Set-Ref. 358.
● Included in Carburetor Overhaul Kit-Ref. 121.
◆ Included in Carburetor Gasket Set-Ref. 977.



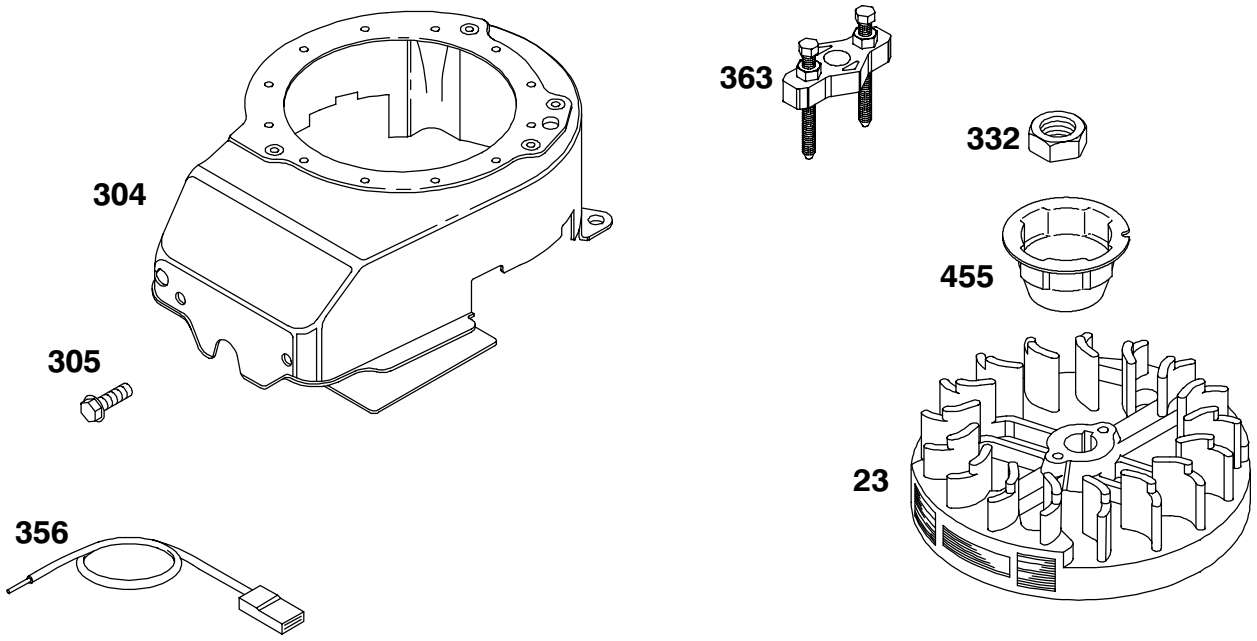
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12H802-1776-B1

Ref. No.	Part No.	Qty.	Description
81	691740	1	Muffler Screw Lock
187	691050	1	Fuel Line (Cut to Required Length)
190	690940	1	Screw (Fuel Tank)
300	496106	1	Muffler
601	95162	1	Hose Clamp
613	691340	1	Screw (Muffler)
670	692294	1	Fuel Tank Spacer
676	493871	1	Muffler Deflector
677	690661	1	Screw (Muffler Deflector)
957	397974	1	Fuel Tank Cap
972	495224	1	Fuel Tank
1059	692311	1	Screw/Washer Kit

Ref. No.	Part No.	Qty.	Description

Δ Included in Valve Gasket Set-Ref. 1095.
★ Included in Engine Gasket Set-Ref. 358.
● Included in Carburetor Overhaul Kit-Ref. 121.
◆ Included in Carburetor Gasket Set-Ref. 977.



1036 EMISSIONS LABEL

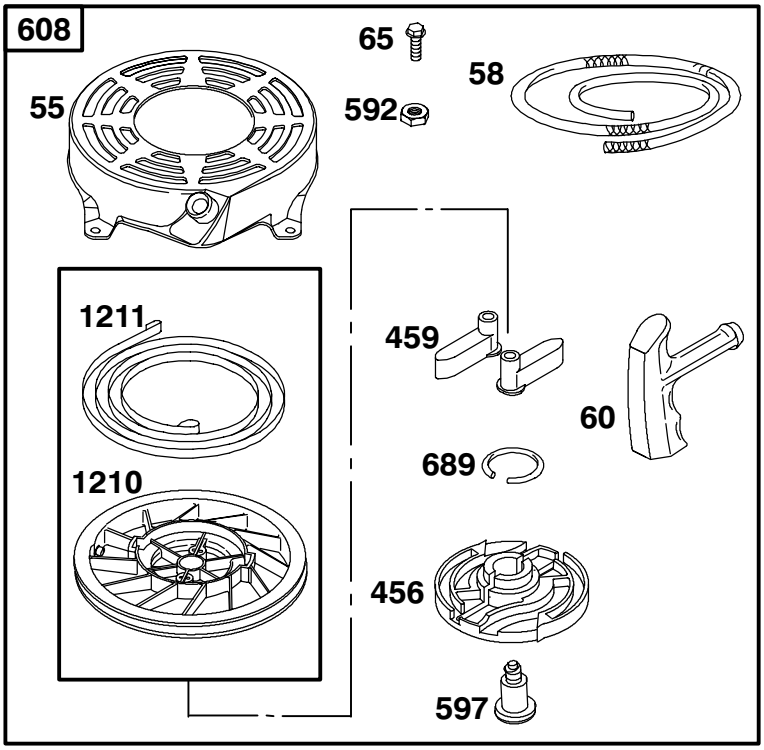
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12H802-1776-B1

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

Ref. No.	Part No.	Qty.	Description

Δ Included in Valve Gasket Set-Ref. 1095.
★ Included in Engine Gasket Set-Ref. 358.
● Included in Carburetor Overhaul Kit-Ref. 121.
◆ Included in Carburetor Gasket Set-Ref. 977.



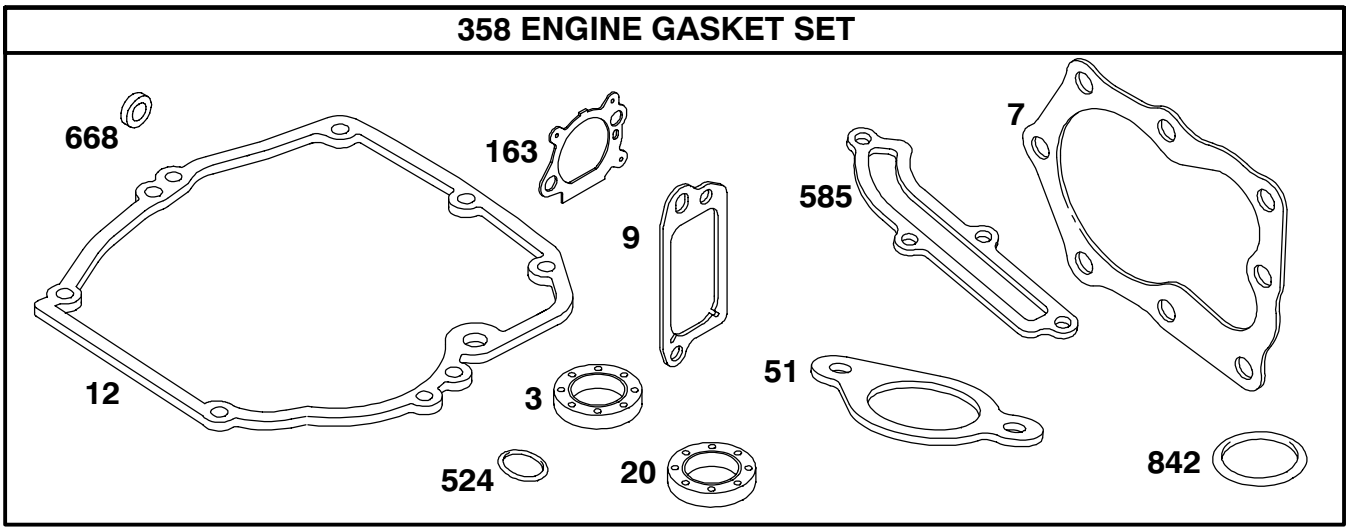
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12H802-1776-B1

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

Ref. No.	Part No.	Qty.	Description

Δ Included in Valve Overhaul Set-Ref. 1095.
★ Included in Engine Gasket Set-Ref. 358.
● Included in Carburetor Overhaul Kit-Ref. 121.
◆ Included in Carburetor Gasket Set-Ref. 977.



Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12H802-1776-B1

Ref. No.	Part No.	Qty.	Description
★3	299819	1	Oil Seal (Magneto Side)
Δ★7	692249	1	Cylinder Head Gasket
Δ★9	272481	1	Breather Gasket
★12	692232	1	Crankcase Gasket
★20	399781	1	Oil Seal (PTO Side)
★51	272199	1	Intake Gasket
●104	691242	1	Float Hinge Pin
121	498260	1	Carburetor Overhaul Kit
●127	694468	1	Welch Plug
●134	398188	1	Needle/Seat Kit
●◆137	693981	1	Float Bowl Gasket
★●◆163	272653	1	Air Cleaner Gasket
●276	271716	1	Sealing Washer
358	497316	1	Engine Gasket Set
★524	692296	1	Dipstick Tube Seal
★585	691879	1	Breather Passage Gasket
●◆617	270344	1	O Ring Seal (Intake Manifold)
●◆633	691321	1	Choke Throttle Shaft Seal
★668	493823	1	Spacer (Includes 2)

Ref. No.	Part No.	Qty.	Description
★842	691031	1	O Ring Seal (Dipstick Tube)
977	498261	1	Carburetor Gasket Set
1095	498528	1	Valve Gasket Set

Δ Included in Valve Gasket Set-Ref. 1095.
★ Included in Engine Gasket Set-Ref. 358.
● Included in Carburetor Overhaul Kit-Ref. 121.
◆ Included in Carburetor Gasket Set-Ref. 977.

Maintenance Record

Date								


TORO®