FORM NO. 3322–958

TORO®

21” Recycler®/Rear Bagging Walk Behind Mower

Model No. 20020 – 9900001 & Up
Model No. 20021 – 9900001 & Up

Parts Catalog

ORDERING REPLACEMENT PARTS

To order replacement parts, please supply: the part number, the quantity, and the description of each part desired.

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Note:

Accessories

Description	Model / Parts No.
Recycler Bagging Kit (Model 20020 Only)	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
HFW	hex flange washer
HH	hex head
HHF	hex head flange
HHST	hex head self tapping
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
INC	incorporated
LH	left hand
PH	pan head
PPH	Phillips pan head
PTO	power take off
RH	right hand
SFH	slotted fillister head
SH	square head
SHWH	slotted hex washer head
SPH	slotted pan head
STD	standard
TAP	self tapping
TH	truss head
TTH	Torx truss head
WH	wing head

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Important Format Explanations

This catalog uses special formats to convey information in illustrations and parts lists. Specifically, one format is used in conjunction with service assemblies and another with quantities associated with reference numbers.

Service Assemblies

Parts within service assemblies have reference numbers in the form *X:Y. X* is the reference number of the service assembly and *Y* is a sequential number unique to each part within the service assembly.

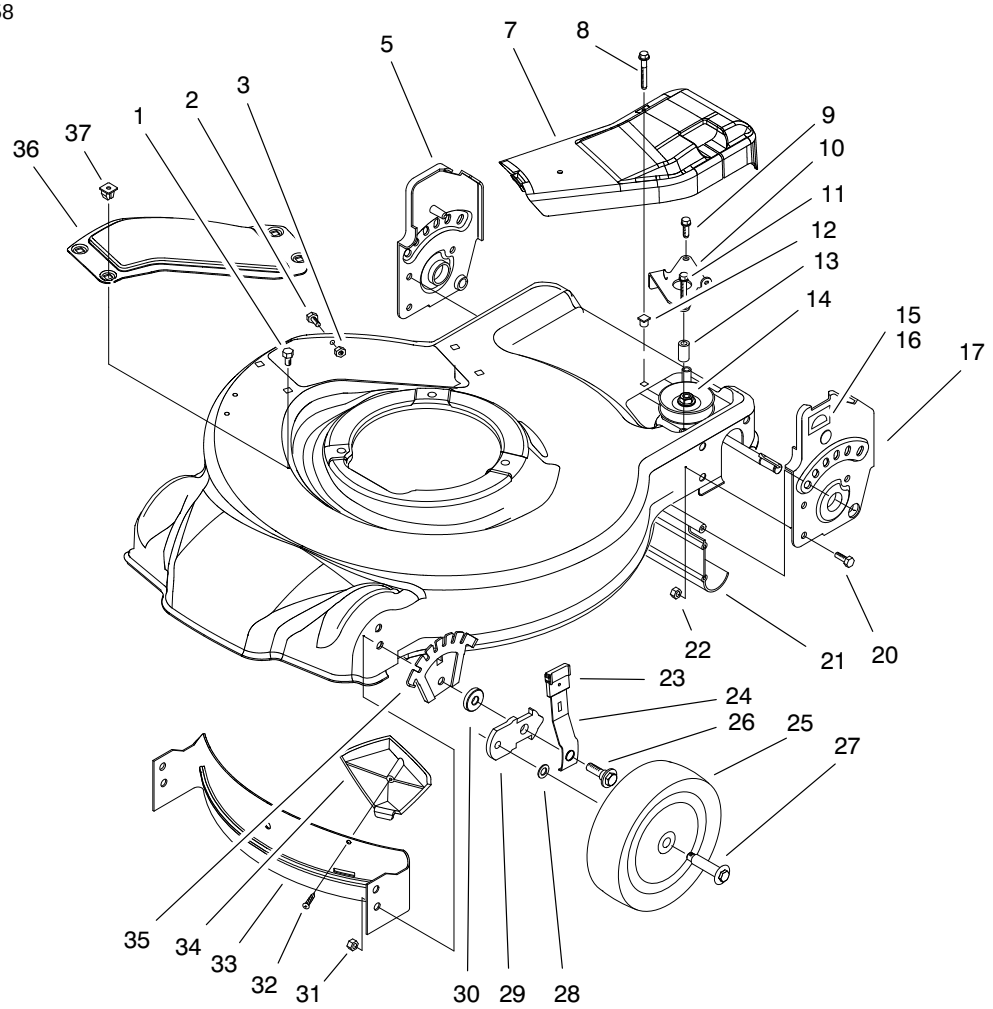
For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually.

Reference numbers of this type appear in part lists and as callouts in illustrations.

Reference Numbers with Quantities

Illustrations may have a quantity in parentheses next to a reference number, in the form *X (Y). X* is the reference number. *Y* in parentheses is the quantity of the part identified by the reference number.

For example, the illustration callout 4 (2) indicates that two parts are used in that instance.

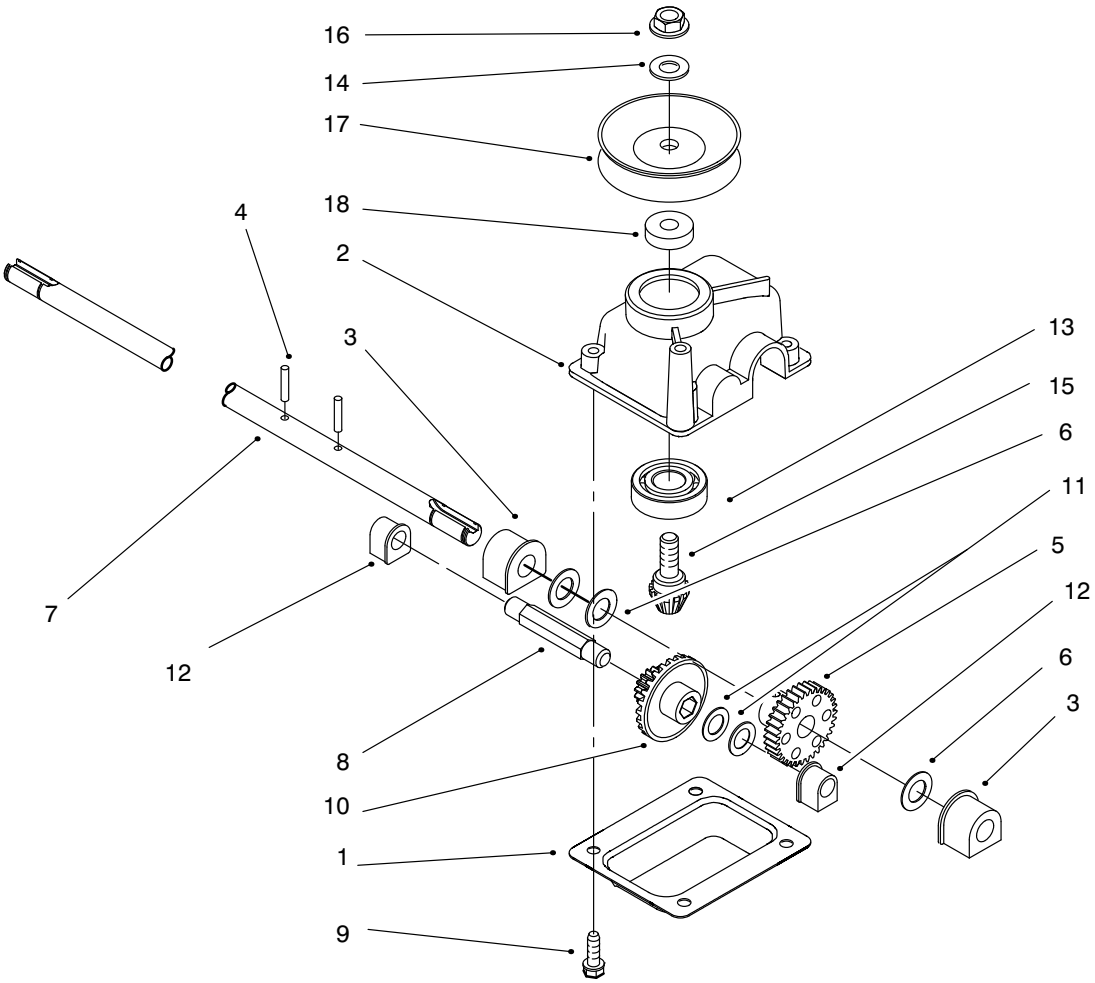


Sheet No.:2

Housing, Handle Brackets, & Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	32144–4	3	Screw–HH (Only On: 20020)
2	32105–27	1	Screw
3	3296–2	1	Nut–Lock Esna
5	93–0234	1	ASM – RH Handle Bracket
7	93–0209	1	Cover – Transmission
8	32144–119	1	Screw–Pth
9	49–2040	1	Screw–Taptite
10	93–0228–03	1	Guide – Transmission
11	92–1616	1	Screw–Thread Forming
12	605120	1	Grommet
13	614673	1	Bushing – Actuator Plt
14	93–0240	1	ASM – Transmission
15	92–2915	1	Decal – HOC L
16	92–2914	1	Decal – HOC R
17	93–0233	1	ASM – LH Handle Bracket
20	322–3	6	Screw–HH
21	92–8647	1	Shield – Trailing
22	3296–29	6	Nut–Lock Ni
23	92–1008	4	Knob–Height Adj Lever
24	614687	2	Arm–Front Spring
25	92–9591	2	Assembly – 7” Wheel

Ref. No.	Part No.	Qty.	Description
26	614650	2	Bolt–Shoulder
27	614672	2	Bolt–Shoulder
28	40–1940	2	Washer–Wheel Bolt
29	95–7403–03	2	Brkt–Whl Ht Adj
30	92–4890	2	Washer – Wheel
31	3296–39	2	Nut–Lock Ni
32	93–0231	1	Screw – PPH
33	93–0222–03	1	Baffle – Front
34	93–0216	1	Kicker – Front
35	92–4881–03	2	Plate – Hght Adj
36	93–0230–01	1	Cover – Recycling (Only On: 20020)
37	93–0242	4	Grommet (Only On: 20020)

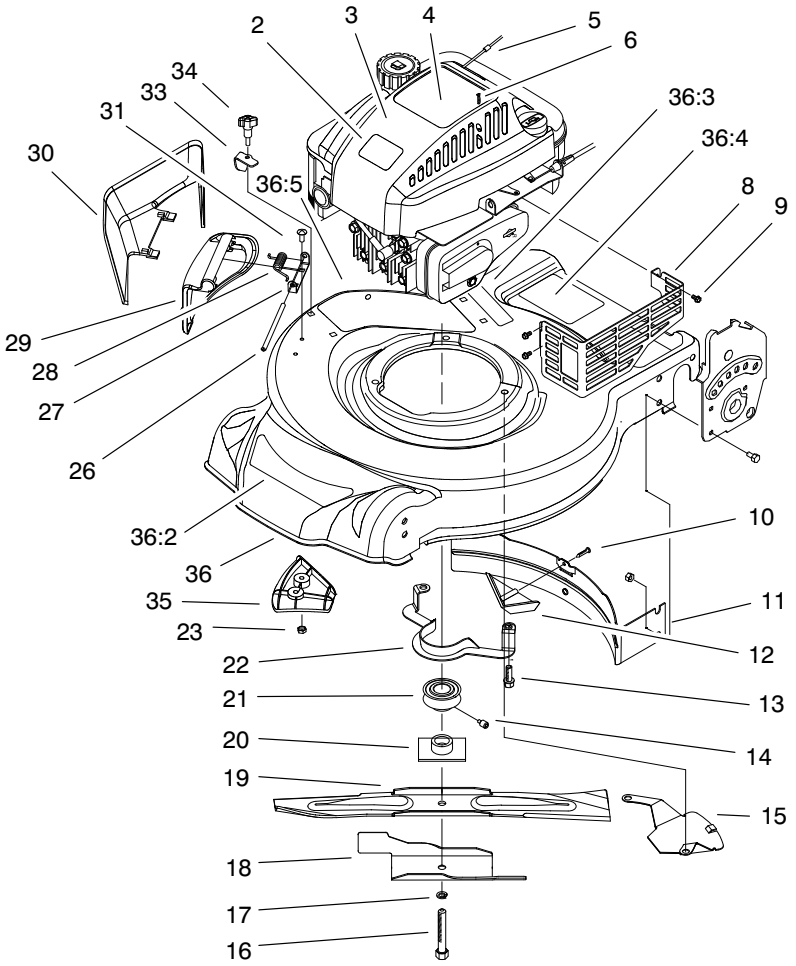


Sheet No.:A1

Gear Case Assembly

Ref. No.	Part No.	Qty.	Description
1	614668–03	1	Gear Case Cover
2	92–7727	1	Gearcase
3	60–8850	2	Bushing–Output
4	3285–19	2	Pin–Groove
5	614596	1	Gear –34t
6	36–4780	2	Washer
7	93–0239	1	Shaft – Output
8	614696	1	Shaft–Intermediate
9	49–2040	4	Screw–Taptite
10	55–3760	1	15 T Pinion
11	36–4791	2	Thrust Washer
12	60–8750	2	Bushing
13	38–7820	1	Bearing–Ball
14	3256–24	1	Washer–Flat
15	60–8890	1	Bevel Pinion Gear
16	3296–5	1	Nut–Lock Ni
17	100–1176	2	Pulley Half
18	62–6660	1	Spacer

Ref. No.	Part No.	Qty.	Description

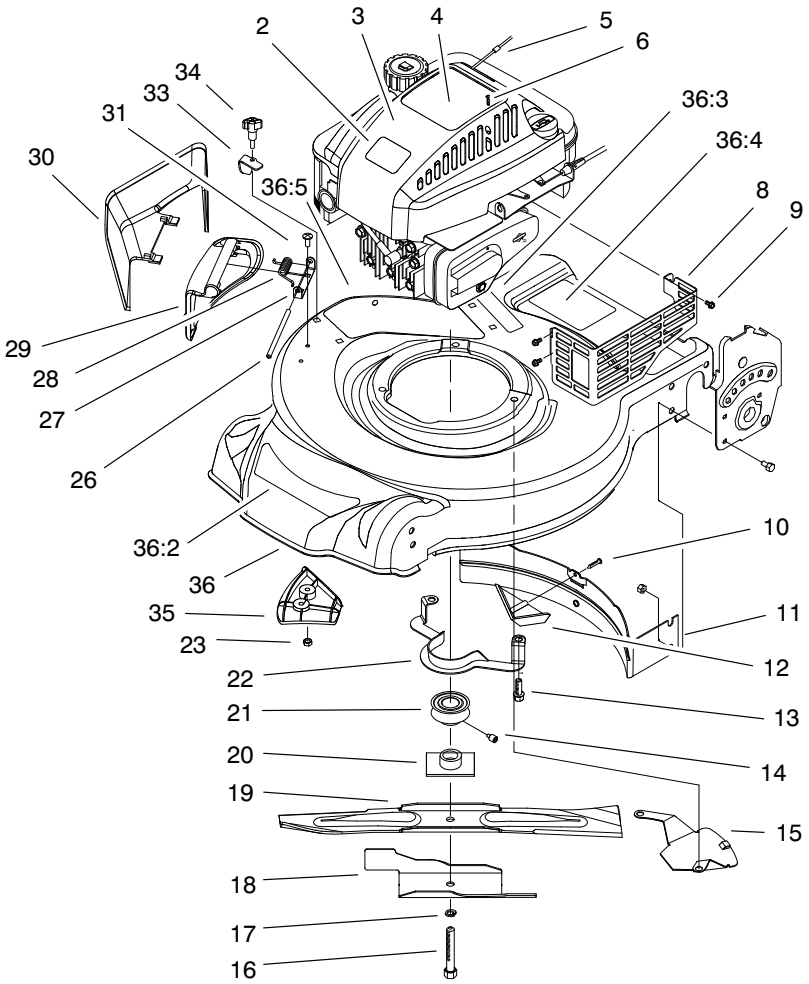


Sheet No.:3

Engine & Blade Assembly

Ref. No.	Part No.	Qty.	Description
2	98–3206	1	Nameplate – Toro
3	93–0243	1	Shroud–Quantum Wedge
4	99–6013	1	Decal – Recoil
5	2210–316	1	Stop–Rope F/W Engine
6	32144–121	2	Screw–Pan Hd
8	82–8550–03	1	Shield–Muffler
9	32144–73	3	Screw
10	93–0231	1	Screw – PPH
11	93–0223–03	1	Baffle – Rear
12	93–0217	1	Kicker – Rear
13	95–1726	3	Screw–Taptite w/Patch
14	613227	1	Screw – Set (Model 20020) (Model 20021 Serial #9900001–9939999)
15	93–4196–03	1	Shield – Grass
16	95–1748	1	Screw–Blade
16	26–0670	1	Bolt–Blade (Model 20021 Serial #9940000–9941632)
17	3253–22	1	Washer–Lock/Sp
18	93–0219–03	1	Accelerator

Ref. No.	Part No.	Qty.	Description
19	93–0241	1	Blade – Steel Deck (Raw)
20	99–5287	1	ASM–Blade Driver
20	62–7540	1	Retainer–Blade (Model 20021 Serial #9940000–9941632)
21	95–1878	1	Pulley
21	62–7550	1	Pulley (Model 20021 Serial #9940000–9941632)
22	92–1024–03	1	Belt Guide
22	93–0208–03	1	Guide–Belt (Model 20021 Serial #9940000–9941632)
23	32128–32	2	Nut–Hex, Flange
26	99–5291	1	Rod–Cover (Steel Side Discharge)
27	99–5292	1	Bracket–Cover (Steel Side Discharge)
28	99–5293	1	Spring–Torsion (Steel Side Discharge)
29	99–5294	1	Cover–Side (Steel Side Discharge)
30	99–5295	1	Chute–Side (Side Discharge)
31	3229–11	2	Screw–CARR

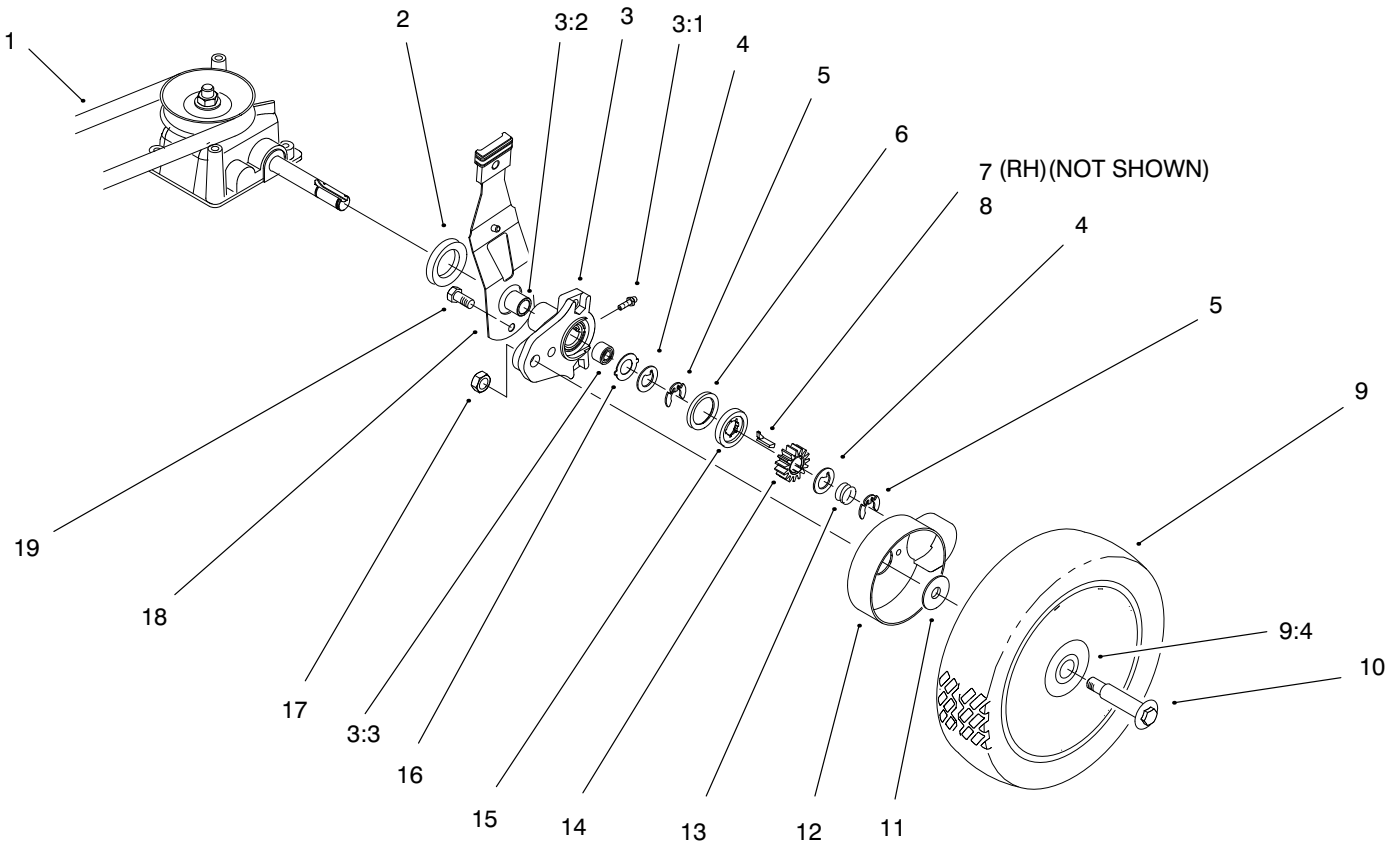


Sheet No.:3

Engine & Blade Assembly

Ref. No.	Part No.	Qty.	Description
33	100–1589–03	1	Clamp–Door (Only On: 20020)
34	98–8332	1	Knob (Only On: 20020)
35	99–6349	1	Baffle
36	99–5236	1	Housing Sp Steel (Service)
36:2	99–6011	1	Decal – Deck
36:3	99–6018	1	Decal–Warning
36:4	93–0248	1	Decal–Warning
36:5	43–8480	1	Decal–Danger

Ref. No.	Part No.	Qty.	Description

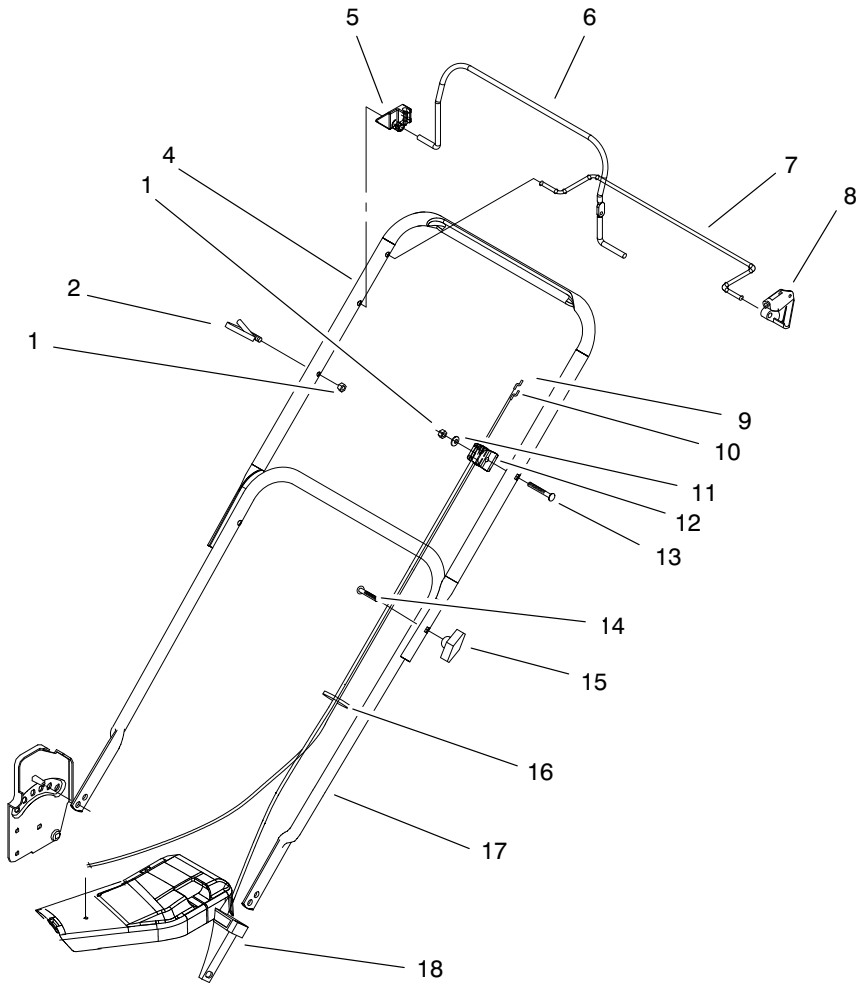


Sheet No.:4

Rear Axle Assembly

Ref. No.	Part No.	Qty.	Description
1	93–0232	1	Belt – V
2	614447	2	Spacer–Axle Shaft
3	92–7746	2	ASM: Rear Ht Adj Arm
3:1	302–56	1	Fitting–Zerk
3:2	47–2900	1	Bushing
3:3	70–9760	1	Bushing
4	65–4740	4	Washer–Keyed Thrust
5	65–2720	4	Klip Ring–Special
6	65–4710	2	Ring–Friction
7	66–6040	1	Key–Rocking
8	66–6050	1	Key–Rocking LH
9	92–9590	2	ASM – 8” Wheel
9:4	27–6250	2	Bushing
10	92–1057	2	Shoulder Bolt
11	614426	2	Washer–Stepped
12	94–1609	2	Cover–Wheel
13	65–4720	2	Spring–Compression
14	65–4750	2	Pinion–Gear,15t
15	65–4760	2	Washer
16	65–4730	2	Washer–Pivot Arm
17	610358	2	Nut–Jam, Locking
18	92–1004	2	Spring Arm ASM – Rear
19	32144–85	2	Screw–TAP

Ref. No.	Part No.	Qty.	Description



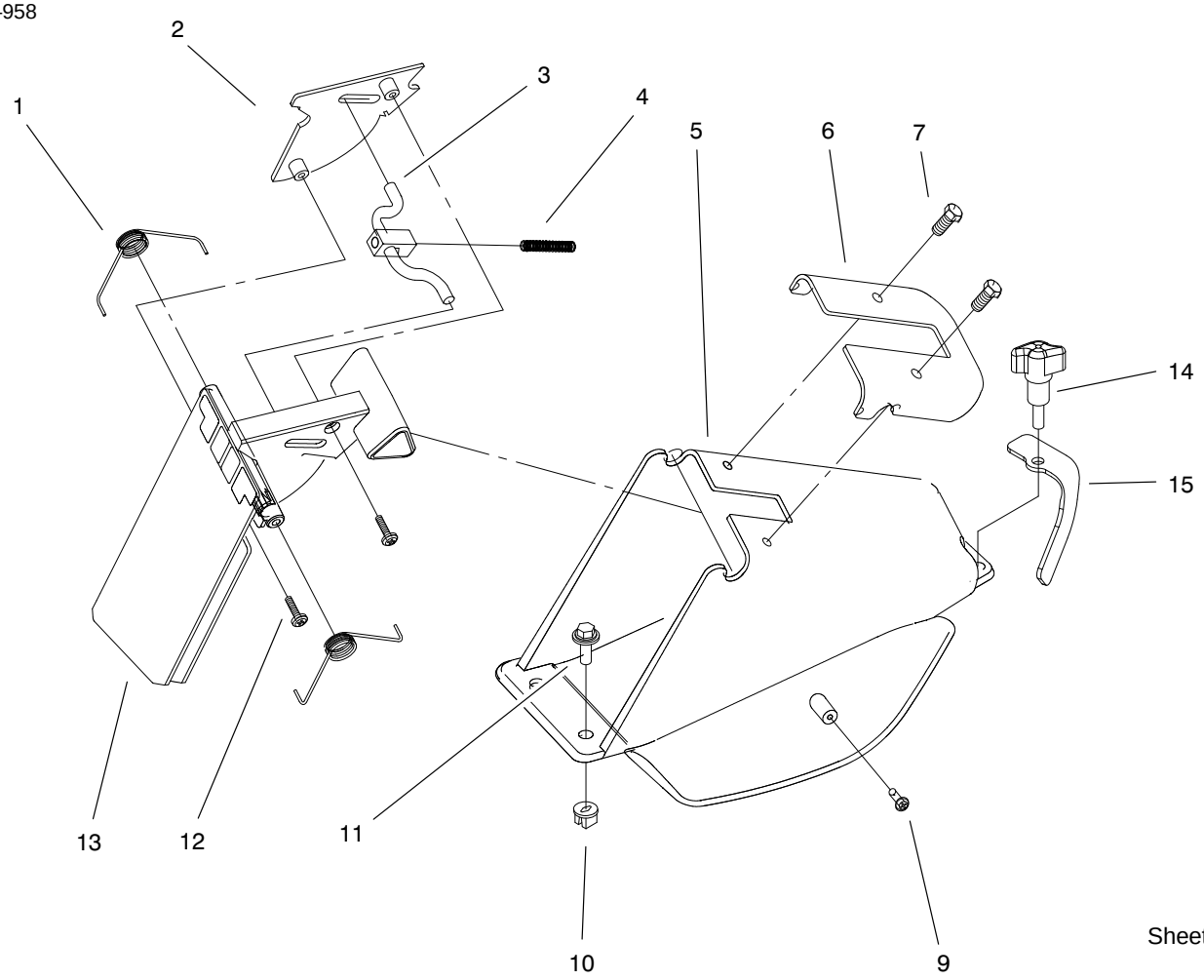
Sheet No.:5

Handle & Controls Assembly

Ref. No.	Part No.	Qty.	Description
1	3296–73	2	Nut–Lock
2	86–9671	1	Guide–Rope
4	99–1569–05	1	Handle–Upper
5	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	3290–378	1	Tie–Cable
17	99–6021–05	1	Lower Handle
18	93–7380	1	Anchor – Cable

Ref. No.	Part No.	Qty.	Description

3322–958

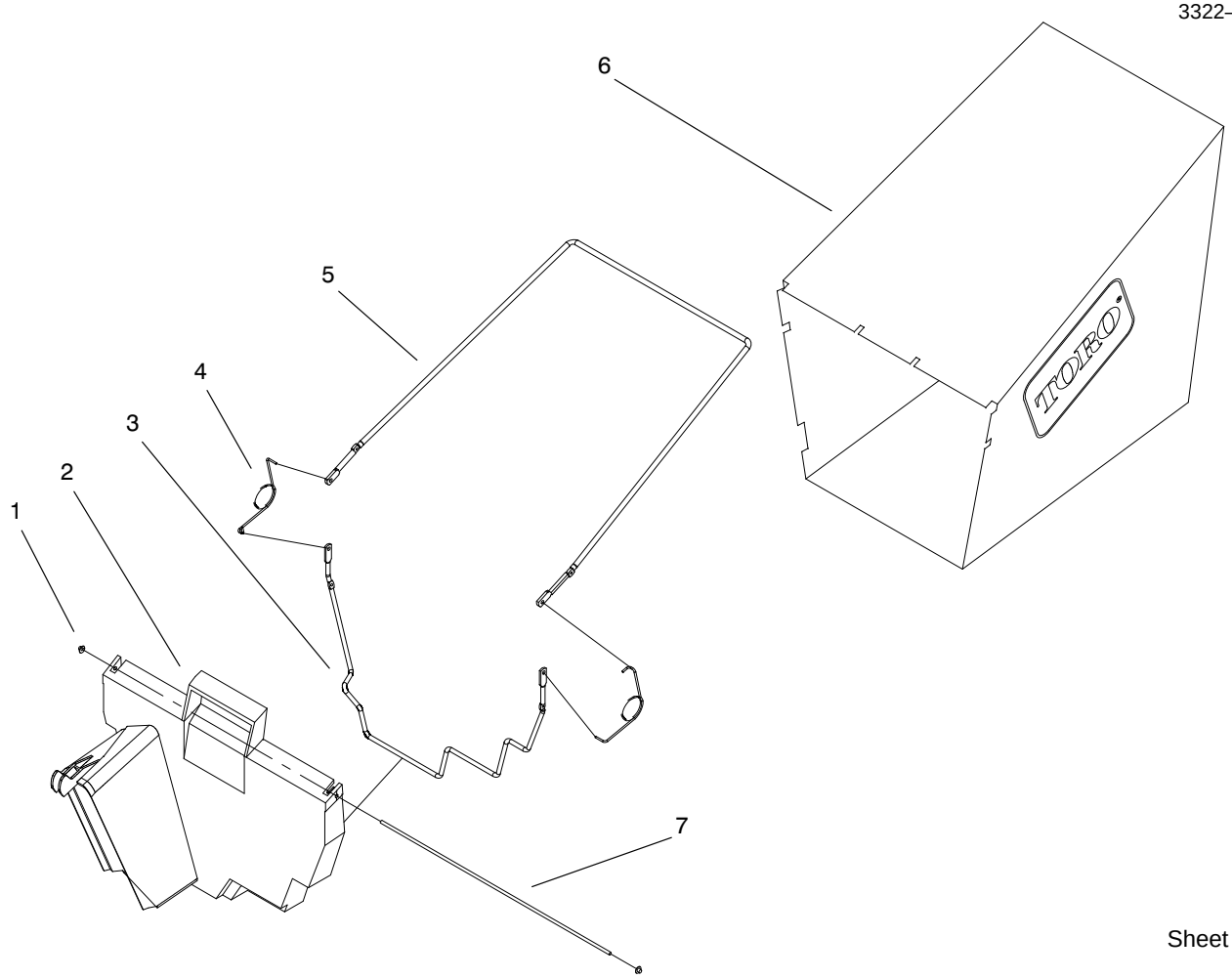


Sheet No.:6

Discharge Door Assembly

Ref. No.	Part No.	Qty.	Description
1	88–1090	2	RH Door Spring (Only On: 20021)
2	33–0441	1	Door Cover (Only On: 20021)
3	88–1800	1	Door Latch (Only On: 20021)
4	33–0450	1	Latch Comp Spring (Only On: 20021)
5	93–0263	1	Chute – Discharge (Only On: 20021)
6	93–0267–03	1	Plate–Discharg Chute (Only On: 20021)
7	46–8090	2	Screw–Plastite (Only On: 20021)
9	32144–111	1	Screw–Plask (Only On: 20021)
10	93–0242	4	Grommet (Only On: 20021)
11	46–6811	3	Screw/Washer (Only On: 20021)
12	32144–32	2	Screw (Only On: 20021)
13	93–0264	1	Door – Discharge (Only On: 20021)
14	100–1590	1	Knob (Only On: 20021)

Ref. No.	Part No.	Qty.	Description
15	100–1589–03	1	Clamp–Door (Only On: 20021)

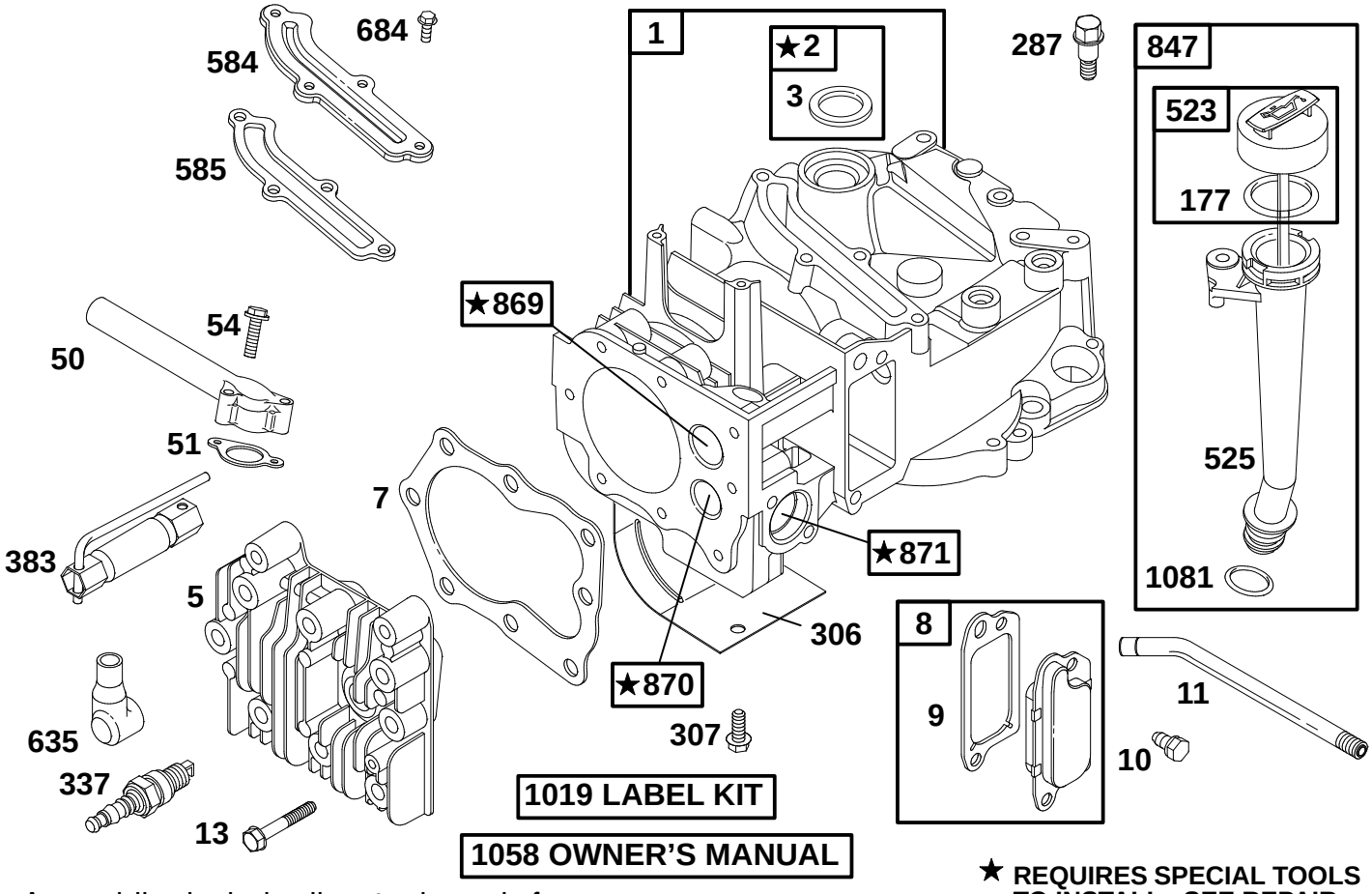


Sheet No.:7

Grass Bagging Assembly

Ref. No.	Part No.	Qty.	Description
1	3290–422	2	Nut–Push (Only On: 20021)
2	93–0266	1	Door – Bag (Only On: 20021)
3	93–0282	1	Frame – Lower Bag (Only On: 20021)
4	36–6910	2	Spring (Only On: 20021)
5	93–0281	1	Frame – Upper Bag (Only On: 20021)
6	93–0284	1	Bag – Grass (Only On: 20021)
7	93–0283	1	Hinge – Bag Door (Only On: 20021)

Ref. No.	Part No.	Qty.	Description



Assemblies include all parts shown in frames.

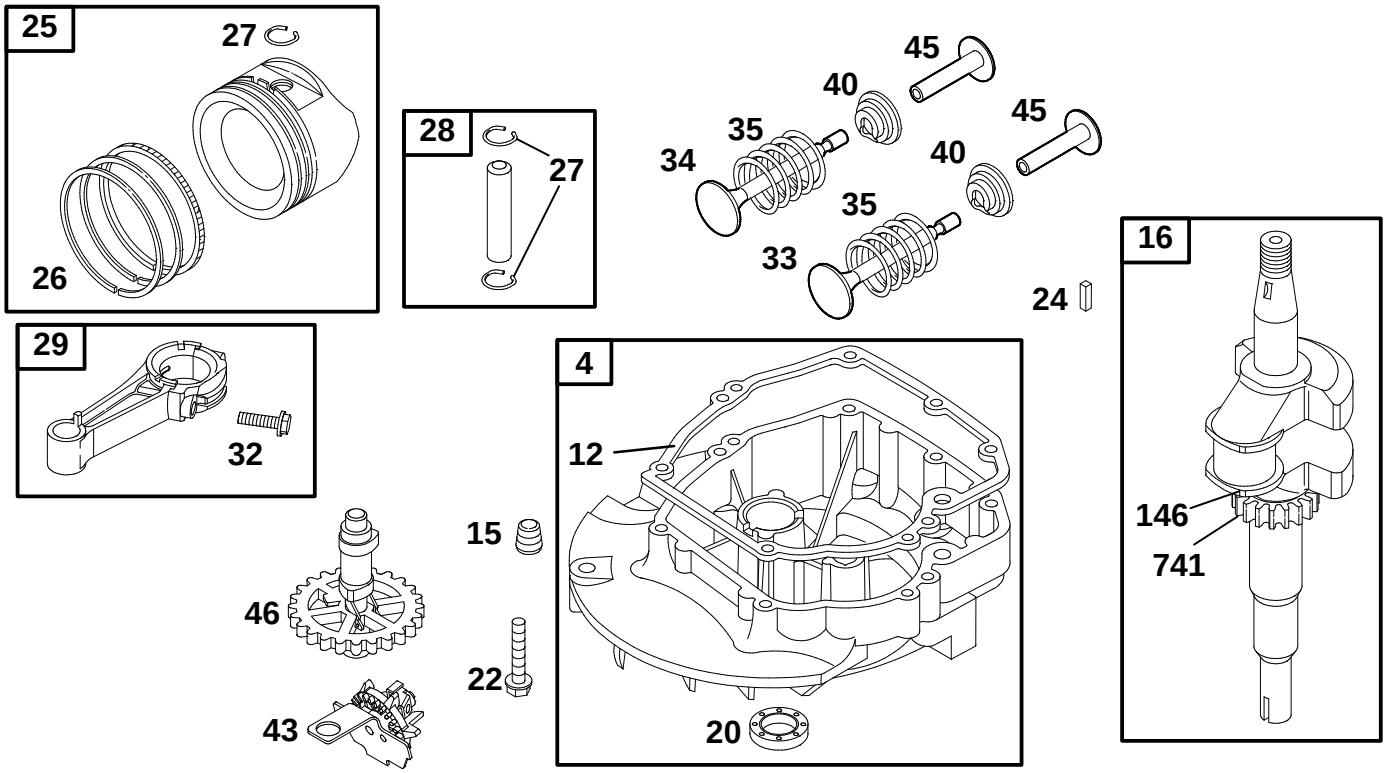
★ **REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.**

ENGINE BRIGGS & STRATTON MODEL12H802–1767–E1

Ref. No.	Part No.	Description	No. Used
1	493260	Cylinder Assembly	1
2	399269	Bushing	1
★3	299819	Seal–Oil	1
5	691160	Cylinder Head	1
★†7	272916	Cylinder Head Gasket	1
8	495786	Breather Assembly	1
★†9	272481	Breather Gasket	1
10	94650	Screw (Breather Assy)	1
11	231685	Breather Tube	1
13	94547	Screw (Cylinder Head)	1
50	497465	Intake Manifold	1
★51	272199	Intake Gasket	1
54	94526	Screw (Intake Manifold)	1
★177	280393	O-Ring Seal	1
287	94511	Screw (Dipstick Tube)	1
306	690450	Shield–Cylinder	1

Ref. No.	Part No.	Description	No. Used
307	690345	Screw (Cylinder Shield)	1
337	802592	Sparkplug	1
383	89838	Wrench–Sparkplug	1
523	495264	Dipstick	1
525	495265	Dipstick Tube	1
584	692342	Breather Passage Cover	1
★585	272238	Breather Passage Gasket	1
635	66538	Boot–Sparkplug	1
684	94515	Screw (Breather Passage Cover)	1
847	495263	Dipstick/Tube Assembly	1
869	691155	Seat–Valve (Intake)	1
870	690380	Seat–Valve (Exhaust)	1
871	262001	Bushing–Guide	1
1019	494256	Label Kit	1
1058	273693	Owner's Manual	1
★1081	280966	O-Ring Seal	1

★ Included in Gasket Set–See Ref. 358.
● Included in Carburetor Kit–See Ref. 121.
◆ Included in Carburetor Gasket Set–See Ref. 977.
† Included in Valve Overhaul Gasket Set–See Ref. 1095.

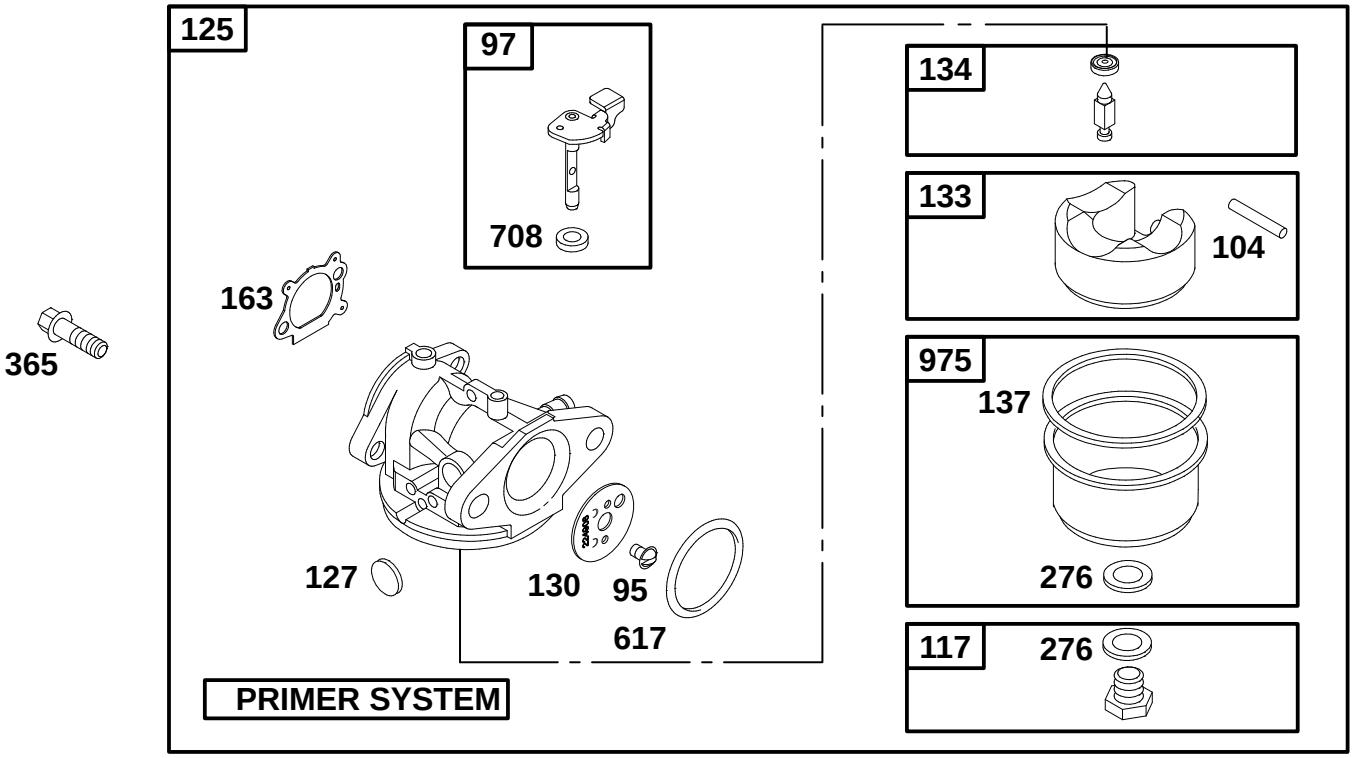


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL12H802–1767–E1

Ref. No.	Part No.	Description	No. Used
4	493279	Engine Sump	1
★12	272198	Crankcase Gasket	1
15	94880	Oil Drain Plug	1
16	694079	Crankshaft	1
★20	399781	Oil Seal	1
22	94220	Screw (Engine Sump)	1
	94612	Screw (Used in Hole Nearest Breather)	1
24	222698	Key–Flywheel	1
25	499429	Piston Assembly (Standard)	1
	499430	Piston Assembly (.010” O.S.)	1
	499431	Piston Assembly (.020” O.S.)	1
	499432	Piston Assembly (.030” O.S.)	1
26	499425	Ring Set (Standard)	1
	499426	Ring Set (.010” O.S.)	1
	499427	Ring Set (.020” O.S.)	1
	499428	Ring Set (.030” O.S.)	1
27	263190	Piston Pin Lock	1
28	499423	Piston Pin (Standard)	1
	298908	Piston Pin (.005” O.S.)	1
29	499424	Connecting Rod (Standard)	1
32	94699	Screw (Connecting Rod)	1
33	262651	Exhaust Valve	1
34	262652	Intake Valve	1
35	262224	Valve Spring	1
40	93312	Retainer–Valve	1
43	493737	Governor/Oil Slinger	1
45	262204	Valve Tappet	1
46	498275	Camshaft	1
146	94388	Key–Timing	1
741	262598	Gear–Timing	

★ Included in Gasket Set–See Ref. 358.
● Included in Carburetor Kit–See Ref. 121.
◆ Included in Carburetor Gasket Set–See Ref. 977.
† Included in Valve Overhaul Gasket Set–See Ref. 1095.



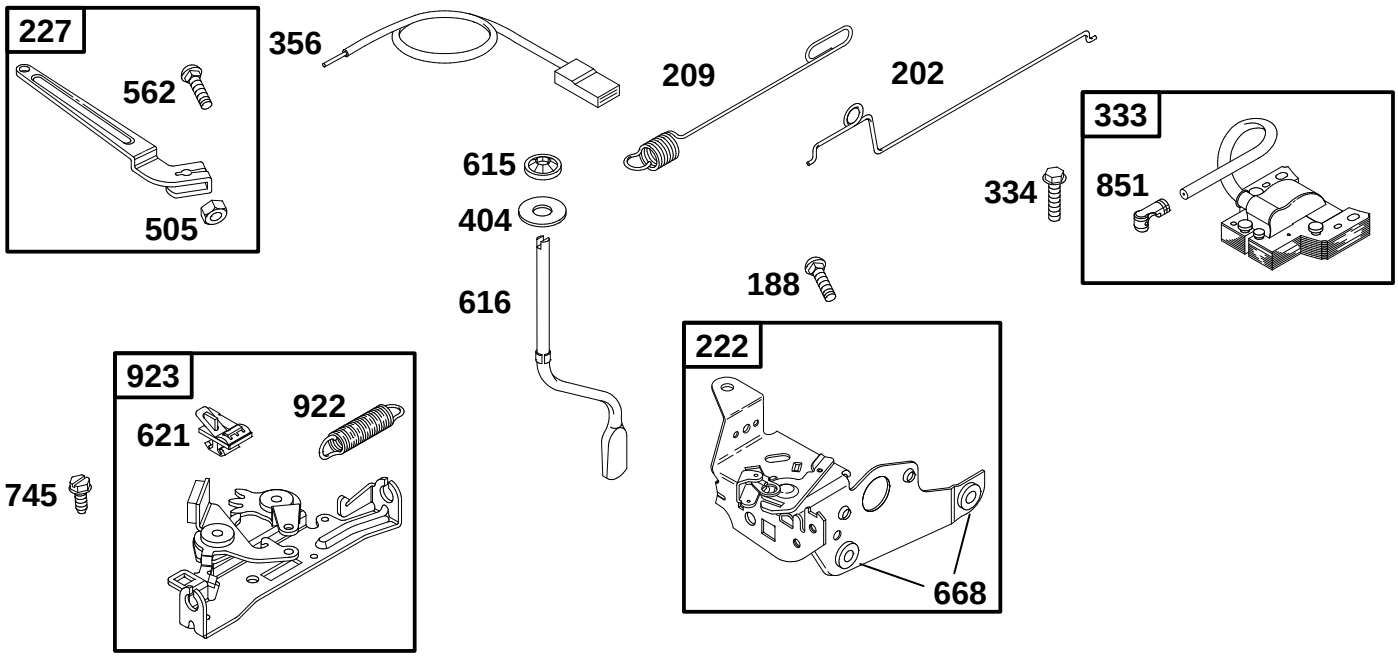
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL12H802–1767–E1

Ref. No.	Part No.	Description	No. Used
95	94098	Screw (Throttle Valve)	1
97	493267	Shaft–Throttle	1
●104	691242	Pin–Float Hinge	1
117	494870	Main Jet (Standard)	
	497315	Main Jet (High Altitude)	1
125	498170	Carburetor	1
●127		Plug–Welch (Sold in Kit Only)	1

Ref. No.	Part No.	Description	No. Used
130	691203	Valve–Throttle	1
133	398187	Float–Carburetor	1
●134	398188	Needle/Seat Kit	1
●◆137	693981	Gasket–Float Bowl	1
★●◆163	272653	Gasket–Air Cleaner	1
●◆276	271716	Sealing Washer	1
365	94525	Screw (Carburetor)	1
●◆617	270344	O–Ring Seal	1
●◆708	691321	Seal–Dust	1
975	493640	Bowl–Float	1

★ Included in Gasket Set–See Ref. 358.
● Included in Carburetor Kit–See Ref. 121.
◆ Included in Carburetor Gasket Set–See Ref. 977.
† Included in Valve Overhaul Gasket Set–See Ref. 1095.



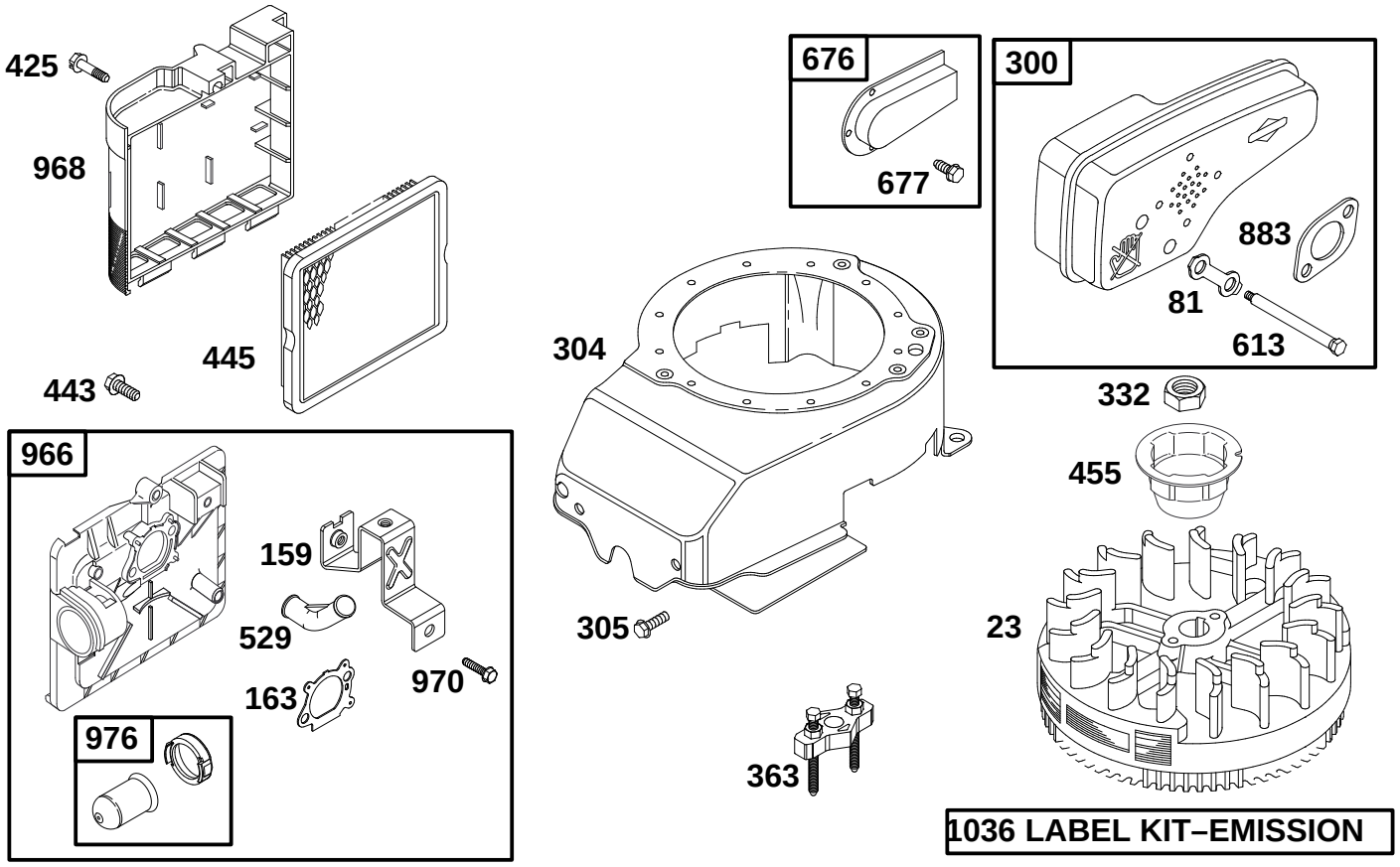
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL12H802–1767–E1

Ref. No.	Part No.	Description	No. Used
188	94644	Screw (Control Bracket)	1
202	262579	Link–Mechanical Governor	1
209	691292	Spring–Governor	1
222	499835	Bracket–Control	1
227	492349	Governor Control Lever	1
333	802574	Armature–Magneto	1
334	94731	Screw (Armature–Magneto)	1
356	497833	Wire–Stop	1
404	67072	Washer (Governor Crank)	1
505	231082	Nut (Governor Control Lever)	1

Ref. No.	Part No.	Description	No. Used
562	92613	Bolt (Governor Control Lever)	1
615	94474	Retainer–Governor Shaft	1
616	691306	Crank–Governor	1
621	396847	Switch–Stop	1
⋆668	493823	Spacer (Includes 2)	1
745	94512	Screw(Brake)	1
851	493880	Terminal–Cable	1
922	262640	Spring–Brake	1
923	493442	Brake	1

⋆ Included in Gasket Set–See Ref. 358.
● Included in Carburetor Kit–See Ref. 121.
◆ Included in Carburetor Gasket Set–See Ref. 977.
† Included in Valve Overhaul Gasket Set–See Ref. 1095.



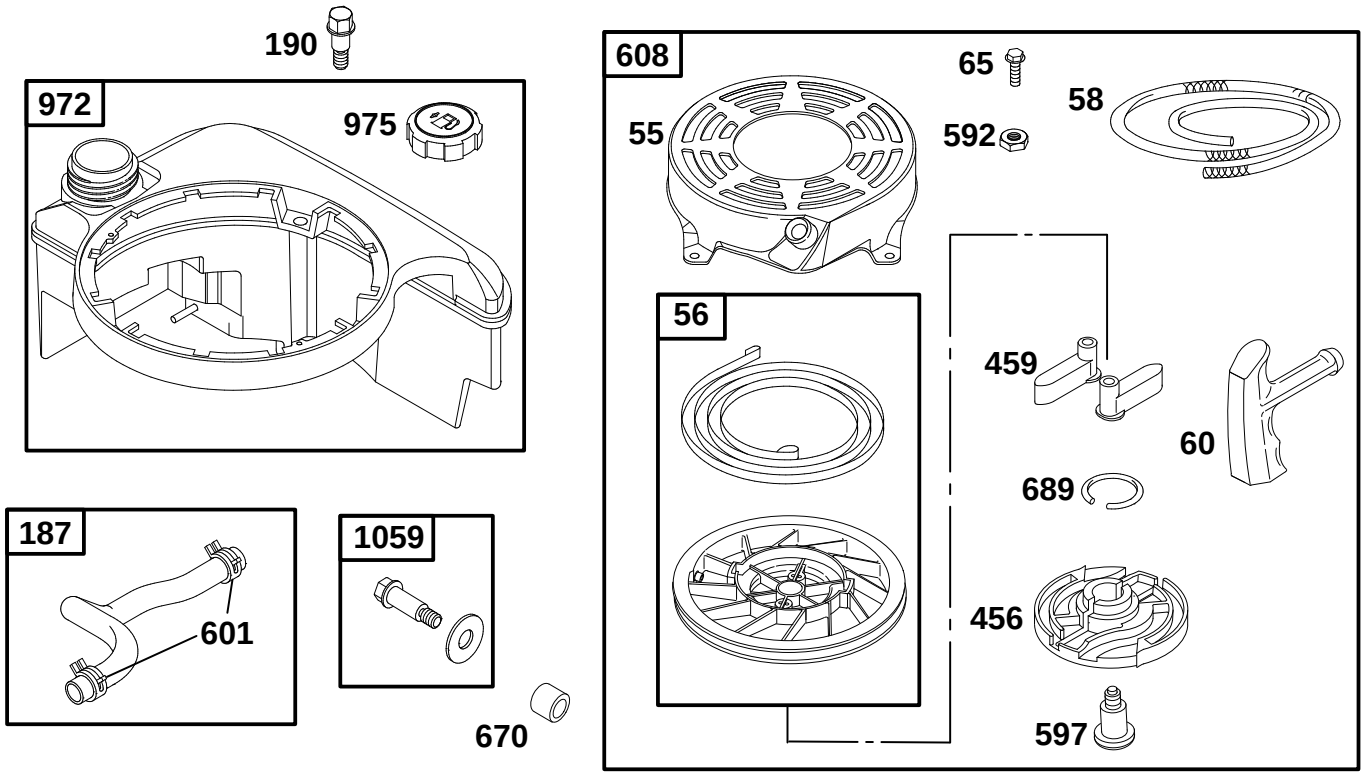
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL12H802–1767–E1

Ref. No.	Part No.	Description	No. Used
23	693821	Flywheel	1
81	223664	Muffler Screw Lock	1
159	224815	Air Cleaner Primer Bracket	1
★●◆163	272653	Gasket–Air Cleaner	1
300	497838	Muffler–Exhaust	1
304	493293	Housing–Blower	1
305	94744	Screw(Blower Housing)	1
332	92284	Nut(Flywheel)	1
363	19069	Flywheel–Puller	1
425	94872	Screw(Air Cleaner Cover)	1
443	94873	Screw(Air Cleaner Base)	1
445	491588	Filter–A/C Cartridge	1

Ref. No.	Part No.	Description	No. Used
455	691219	Cup–Flywheel	1
529	281299	Grommet	1
613	94231	Screw(Exhaust Muffler)	1
676	493871	Deflector–Muffler	1
677	94896	Screw(Deflector)	1
★†883	272253	Gasket–Exhaust	1
966	496116	Base–A/C Primer	1
968	281340	Cover–Air Cleaner	1
970	94749	Screw(A/C Primer Bracket)	1
976	496115	Primer–Carburetor	1
1036	499341	Label Kit–Emission	1

★ Included in Gasket Set–See Ref. 358.
● Included in Carburetor Kit–See Ref. 121.
◆ Included in Carburetor Gasket Set–See Ref. 977.
† Included in Valve Overhaul Gasket Set–See Ref. 1095.



Assemblies include all parts shown in frames.

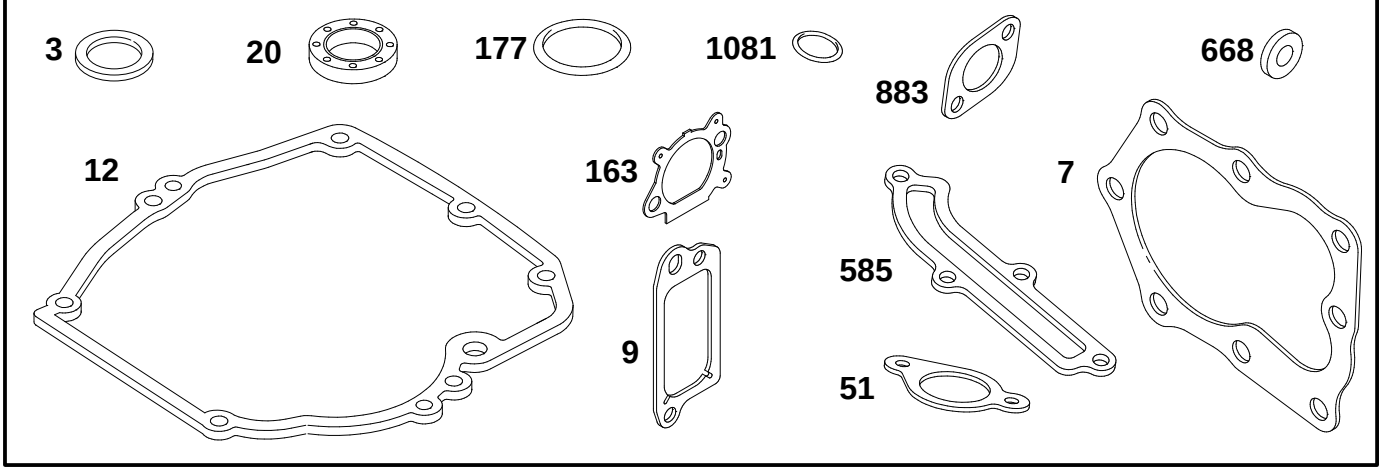
ENGINE BRIGGS & STRATTON MODEL12H802–1767–E1

Ref. No.	Part No.	Description	No. Used
55	497440	Rewind Starter Housing	1
56	498144	Assy–Pulley/Spring	1
58	280399	Starter Rope	1
60	281434	Starter Rope Grip	1
65	94686	Screw (Rewind Starter)	1
187	492792	Line–Fuel	1
190	94511	Screw–Shoulder	1
456	281503	Plate–Pawl Friction	1
459	281505	Pawl–Rachet	1
592	92987	Nut (Rewind Starter)	1

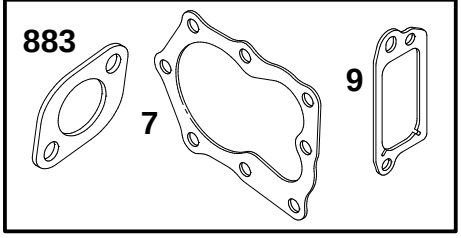
Ref. No.	Part No.	Description	No. Used
597	94943	Screw (Pawl Friction Plate)	1
601	95162	Clamp–Fuel Line	1
608	497680	Starter–Rewind	1
670	280512	Spacer–Fuel Tank	1
689	263073	Spring–Friction	1
972	495224	Tank–Fuel	1
975	397974	Cap–Fuel Tank	1
1059	398540	Screw/Washer Kit	1

★ Included in Gasket Set–See Ref. 358.
● Included in Carburetor Kit–See Ref. 121.
◆ Included in Carburetor Gasket Set–See Ref. 977.
† Included in Valve Overhaul Gasket Set–See Ref. 1095.

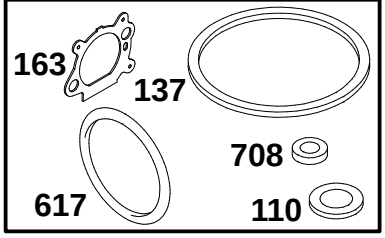
358 GASKET SET



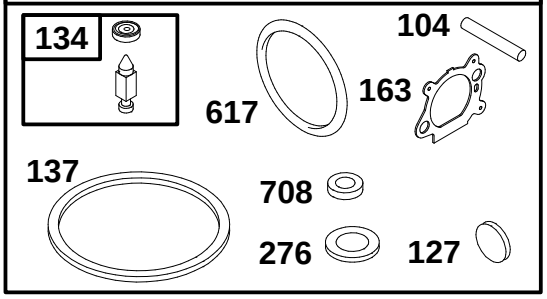
1095 VALVE OVERHAUL GASKET SET



977 CARBURETOR GASKET SET



121 CARBURETOR KIT



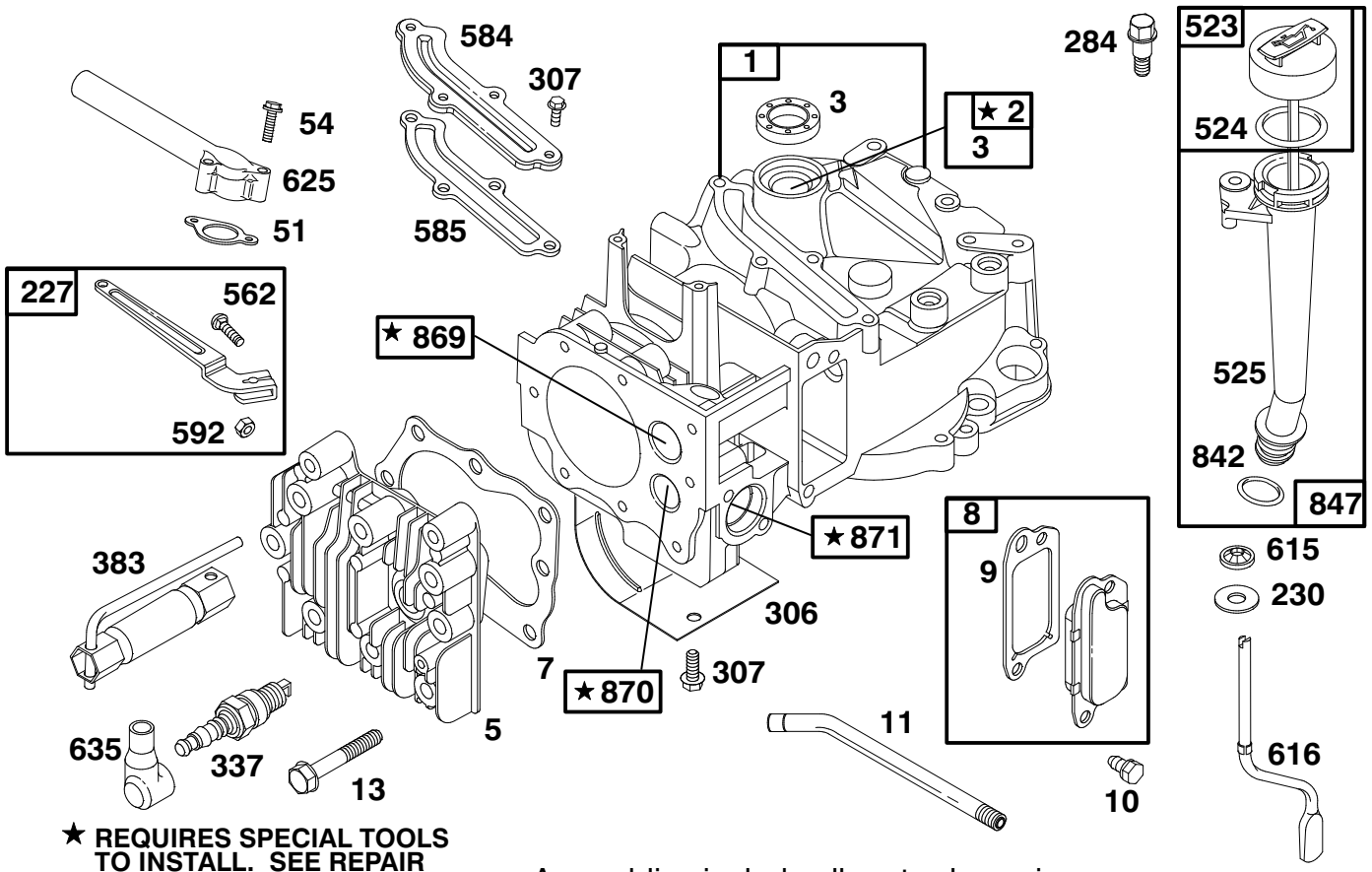
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL12H802–1767–E1

Ref. No.	Part No.	Description	No. Used
3	⋆299819	Oil Seal	1
⋆†7	272916	Cylinder Head Gasket	1
⋆†9	272481	Breather Gasket	1
⋆12	272198	Crankcase Gasket	1
⋆20	399781	Oil Seal	1
⋆51	272199	Intake Gasket	1
●104	231371	Pin–Float Hinge	1
●◆276	271716	Sealing Washer	1
⋆177	280393	O-Ring Seal	1
121	498260	Carburetor Kit	1
●127		Plug–Welch(Sold in Kit Only)	1
●134	398188	Needle/Seat Kit	1

Ref. No.	Part No.	Description	No. Used
●◆137	693981	Gasket–Bowl	1
⋆●◆163	272653	Gasket–Air Cleaner	1
358	497316	Gasket Set	1
⋆585	272238	Breather Passage Gasket	1
●◆617	270344	O–Ring Seal	1
●◆708	691321	Seal–Dust	1
⋆668	493823	Spacer(Includes 2)	1
⋆†883	272253	Gasket–Exhaust	1
977	498261	Gasket Set–Carburetor	1
⋆1081	280966	O-Ring Seal	1
1095	498528	Gasket Set–Valve Overhaul	1

⋆ Included in Gasket Set–See Ref. 358.
● Included in Carburetor Kit–See Ref. 121.
◆ Included in Carburetor Gasket Set–See Ref. 977.
† Included in Valve Overhaul Gasket Set–See Ref. 1095.



★ **REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.**

Assemblies include all parts shown in frames.

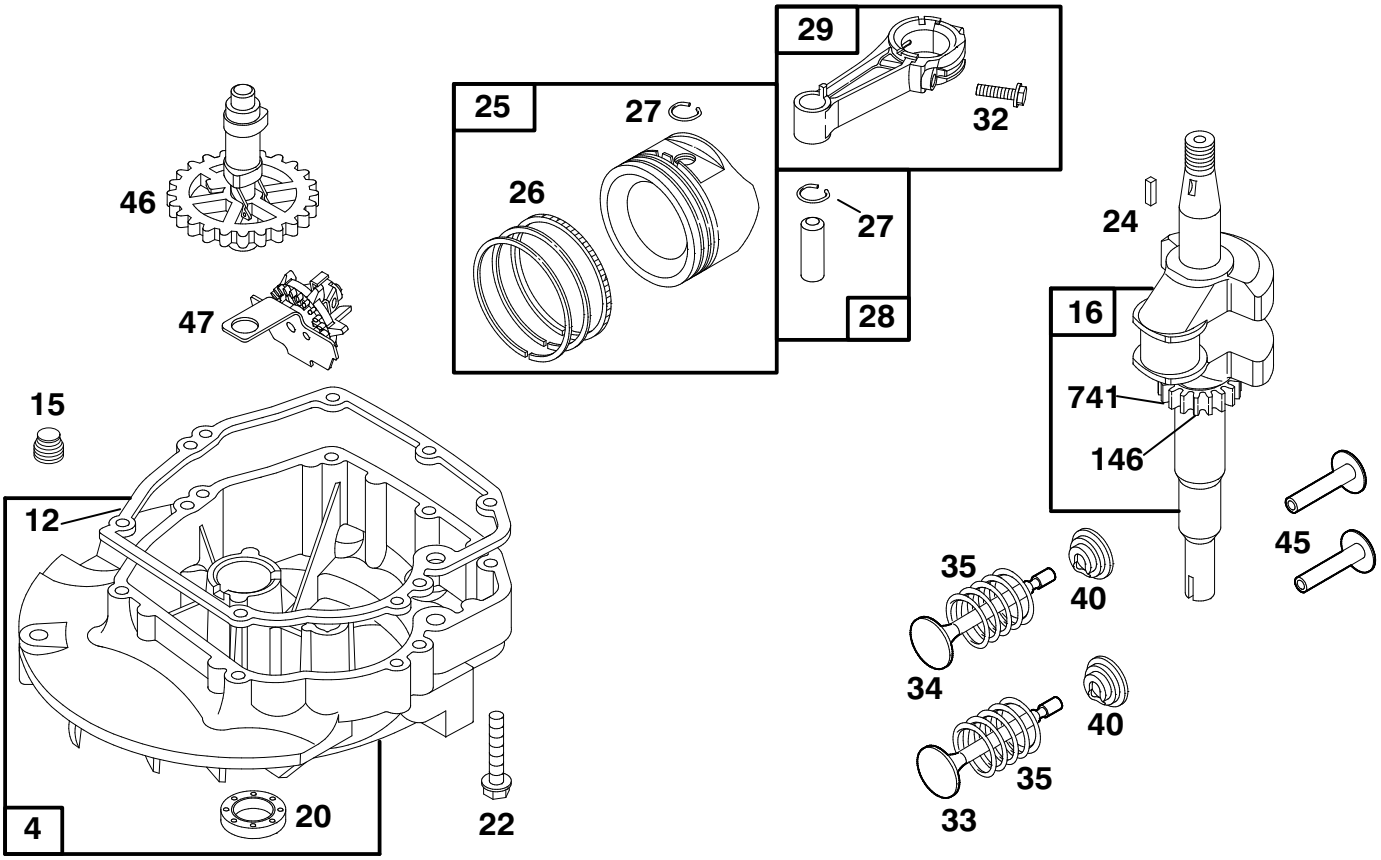
ENGINE BRIGGS & STRATTON MODEL 12H807-1760–E1 (MODEL NO. 20021 SERIAL NO. 9940000–9941632)

Ref. No.	Part No.	Description	No. Used
1	493260	Cylinder Assembly	1
2	293708	Bushing – Cylinder	1
★3	299819	Seal – Oil	1
5	214368	Head – Cylinder	1
†★7	272916	Gasket – Cylinder Head	1
8	495786	Breather – Valve Chamber	1
†★9	272481	Gasket – Breather	1
10	94650	Screw – Breather Mtg.	1
11	231933	Tube – Breather	1
13	94876	Screw – Cylinder Head	1
★51	272199	Gasket – Intake Elbow	1
54	94526	Screw – Intake Elbow Mtg.	1
227	492349	Lever Assembly – Gov.	1
230	67072	Washer – Gov. Crank	1
284	94511	Screw – Hex. Head	1
306	224324	Shield – Cylinder	1
307	94515	Screw – Hex.	1
337	802592	Plug – Spark	1
383	89838	Wrench – Spark Plug	1

Ref. No.	Part No.	Description	No. Used
523	495264	Cap With Dipstick – Oil Filler	1
★524	280393	Seal – Filler Tube	1
525	495265	Tube – Oil Filler	1
562	94852	Bolt – Carriage	1
584	224328	Baffle – Cylinder	1
★585	272238	Gasket – Baffle Plate	1
592	231082	Nut – Hex.	1
615	94474	Fastener	1
616	263175	Crank – Governor	1
625	497465	Tube – Fuel Intake	1
635	66538	Elbow – Spark Plug	1
★842	280966	Seal – O-Ring	1
847	495263	Oil Fill Tube Assy.	1
869	213512	Seat – Intake Valve	1
870	213513	Seat – Exhaust Valve	1
871	262001	Guide – Exhaust Valve	1
		Note: 63709 Guide – Intake Valve	1

★Included in Gasket Set–Part No. 497316.

†Included in Valve Overhaul Gasket Set–Part No. 498528.



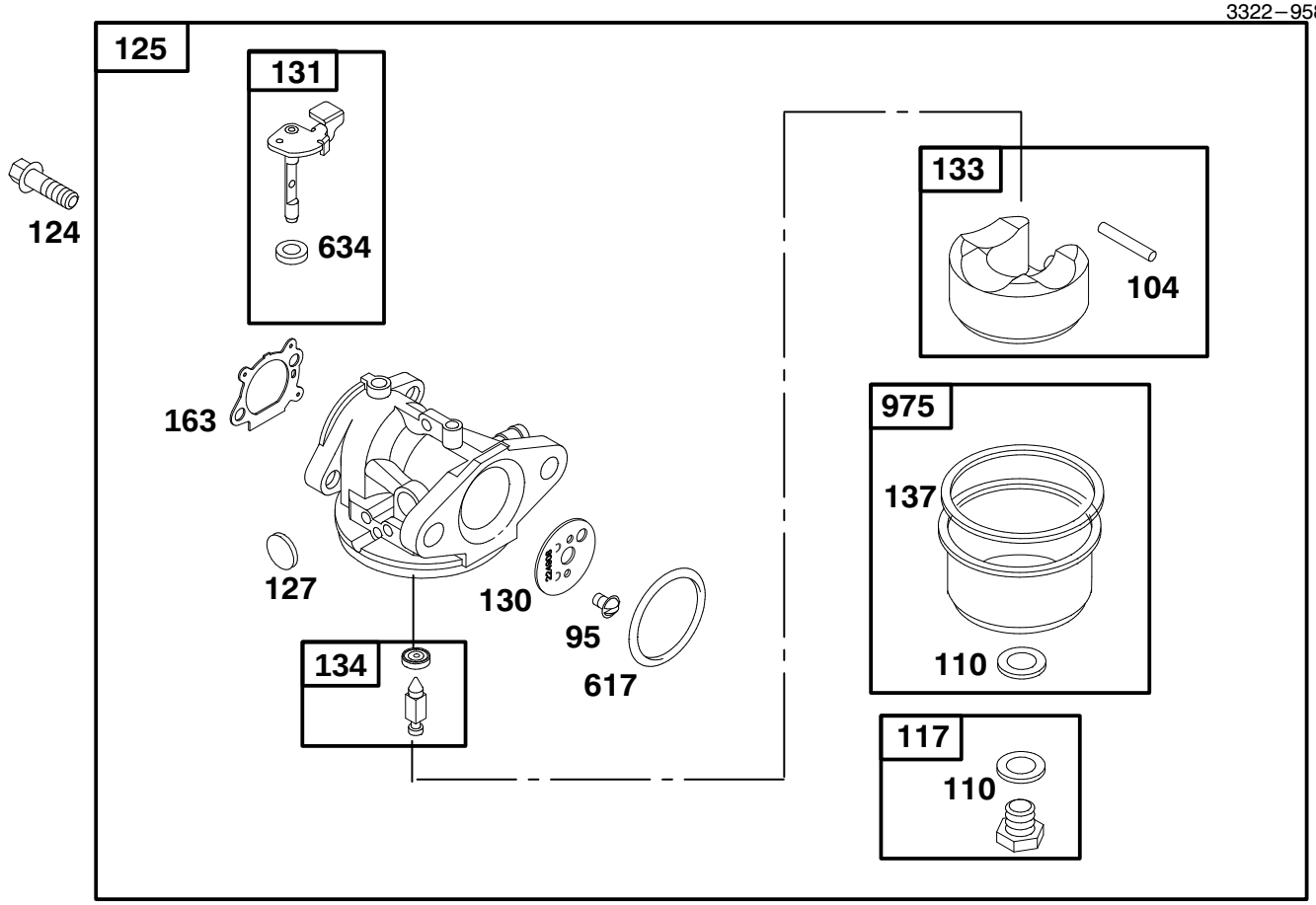
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12H807-1760–E1 (MODEL NO. 20021 SERIAL NO. 9940000–9941632)

Ref. No.	Part No.	Description	No. Used
4	493279	Sump – Engine	1
★12	272198	Gasket – Crankcase	1
15	94880	Plug – Oil Drain	1
16	498573	Crankshaft	1
★20	399781	Seal – Oil	1
22	94220	Screw – Hex.	1
		Note: 94612 Screw – Hex. (One (1) Used in Hole Nearest Breather)	1
24	222698	Key – Flywheel	1
25	499429	Piston Assy. (Standard)	1
	499430	Piston Assy. (0.010” O.S.)	1
	499431	Piston Assy. (0.020” O.S.)	1
	499432	Piston Assy. (0.030” O.S.)	1

Ref. No.	Part No.	Description	No. Used
26	499425	Ring Set (Standard)	1
	499426	Ring Set (0.010” O.S.)	1
	499427	Ring Set (0.020” O.S.)	1
	499428	Ring Set (0.030” O.S.)	1
27	263190	Lock – Piston Pin	1
28	499423	Pin – Piston (Standard)	1
29	499424	Rod Assembly – Connecting	1
32	94699	Screw – Connecting Rod	1
33	262651	Valve – Exhaust	1
34	262652	Valve – Intake	1
35	262224	Spring – Valve	1
40	93312	Retainer – Valve Spring	1
45	262204	Tappet – Valve	1
46	498275	Gear – Cam	1
47	493737	Slinger – Oil	1
146	94388	Key – Timing	1
741	262598	Gear – Timing	1

★Included in Gasket Set–Part No. 497316.



Assemblies include all parts shown in frames.

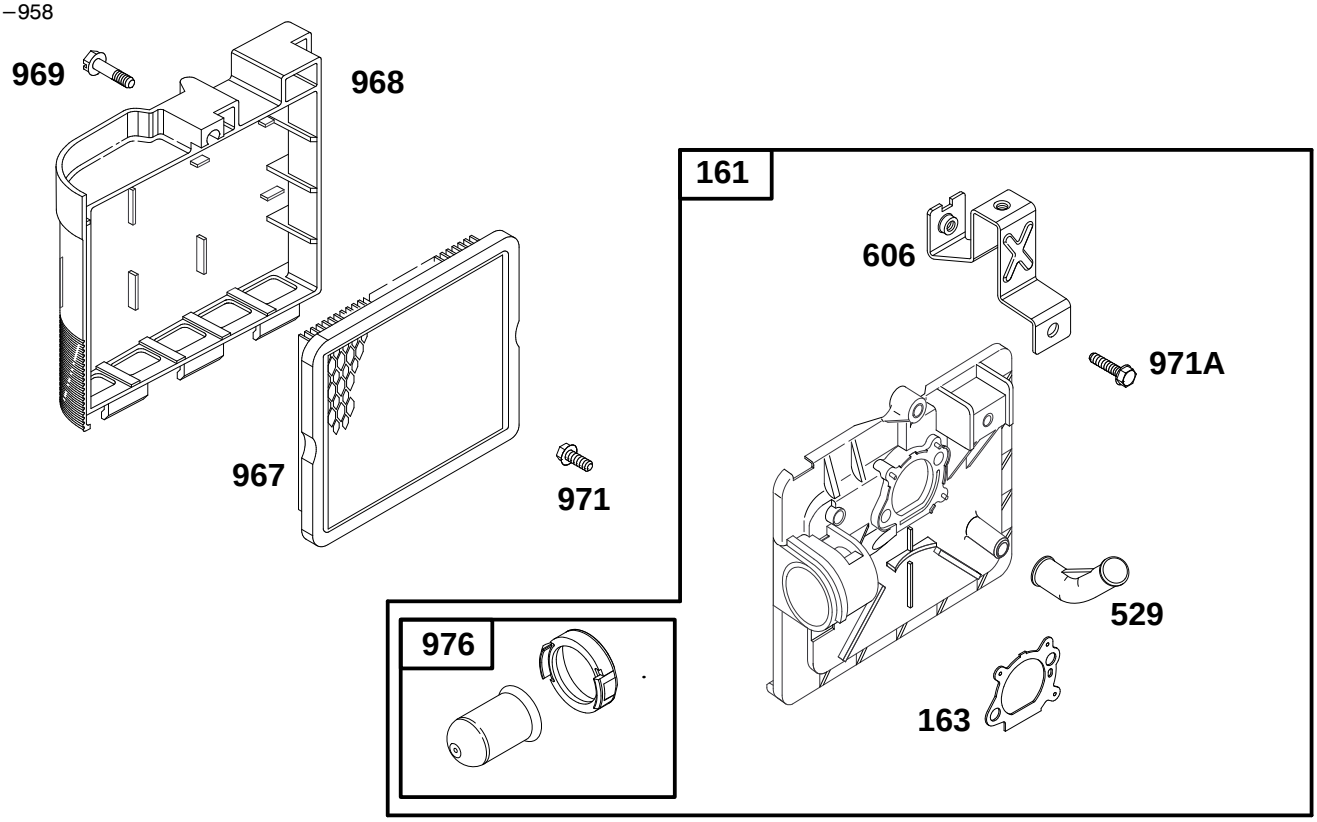
ENGINE BRIGGS & STRATTON MODEL 12H807-1760−E1 (MODEL NO. 20021 SERIAL NO. 9940000−9941632)

Ref. No.	Part No.	Description	No. Used
95	94098	Screw − Throttle Valve Mtg.	1
●104	231371	Pin − Float Hinge	1
●◆110		Gasket−Sealing (Sold in Kit Only)	1
117	494870	Jet − Main (Std.) **Note:** 497315 Jet − Main (High Altitude)	1
124	94840	Screw − Carburetor Mtg.	1
125	498170	Carburetor	1
●127		Plug − Welch (Sold in Kit Only)	1

★Included in Gasket Set−Part No. 497316.

Ref. No.	Part No.	Description	No. Used
130	224908	Valve − Throttle	1
131	493267	Shaft − Throttle	1
133	398187	Float Assy. − Carburetor	1
●134	398188	Kit − Needle/Seat	1
●◆137		Gasket − Bowl (Sold in Kit Only)	1
●◆★163	272653	Gasket − Air Cleaner	1
●◆617	270344	Seal − Fuel Intake Tube	1
●◆634		Washer−Shaft (Sold in Kit Only)	1
975	493640	Bowl Assy. − Carburetor	1

●Included in Carburetor Kit−Part No. 498260.
◆Included in Carburetor Gasket Set−Part No. 498261.



Assemblies include all parts shown in frames.

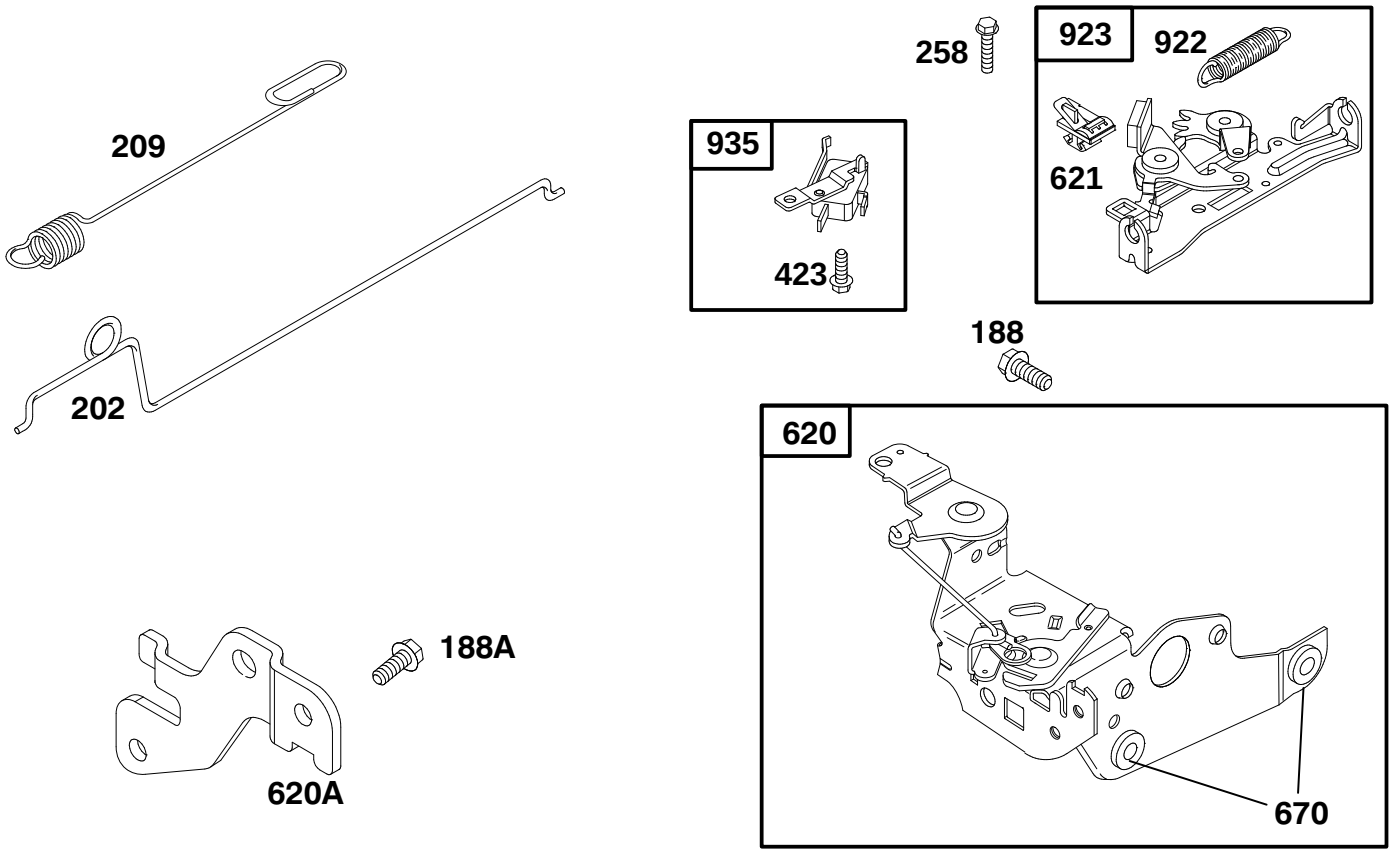
ENGINE BRIGGS & STRATTON MODEL 12H807-1760−E1 (MODEL NO. 20021 SERIAL NO. 9940000−9941632)

Ref. No.	Part No.	Description	No. Used
161	496116	Base − Air Cleaner	1
●◆★163	272653	Gasket − Air Cleaner	1
529	281299	Grommet − Breather	1
606	224815	Strap − Bracket	1
967	491588	Filter − Air	1

Ref. No.	Part No.	Description	No. Used
968	281340	Cover − Air Cleaner	1
969	94872	Screw − Slotted Hex.	1
971	94873	Screw − Hex.	1
971A	94749	Screw − Hex.	1
976	496115	Primer−Carburetor	1

★Included in Gasket Set−Part No. 497316.

●Included in Carburetor Kit−Part No. 498260.
◆Included in Carburetor Gasket Set−Part No. 498261.



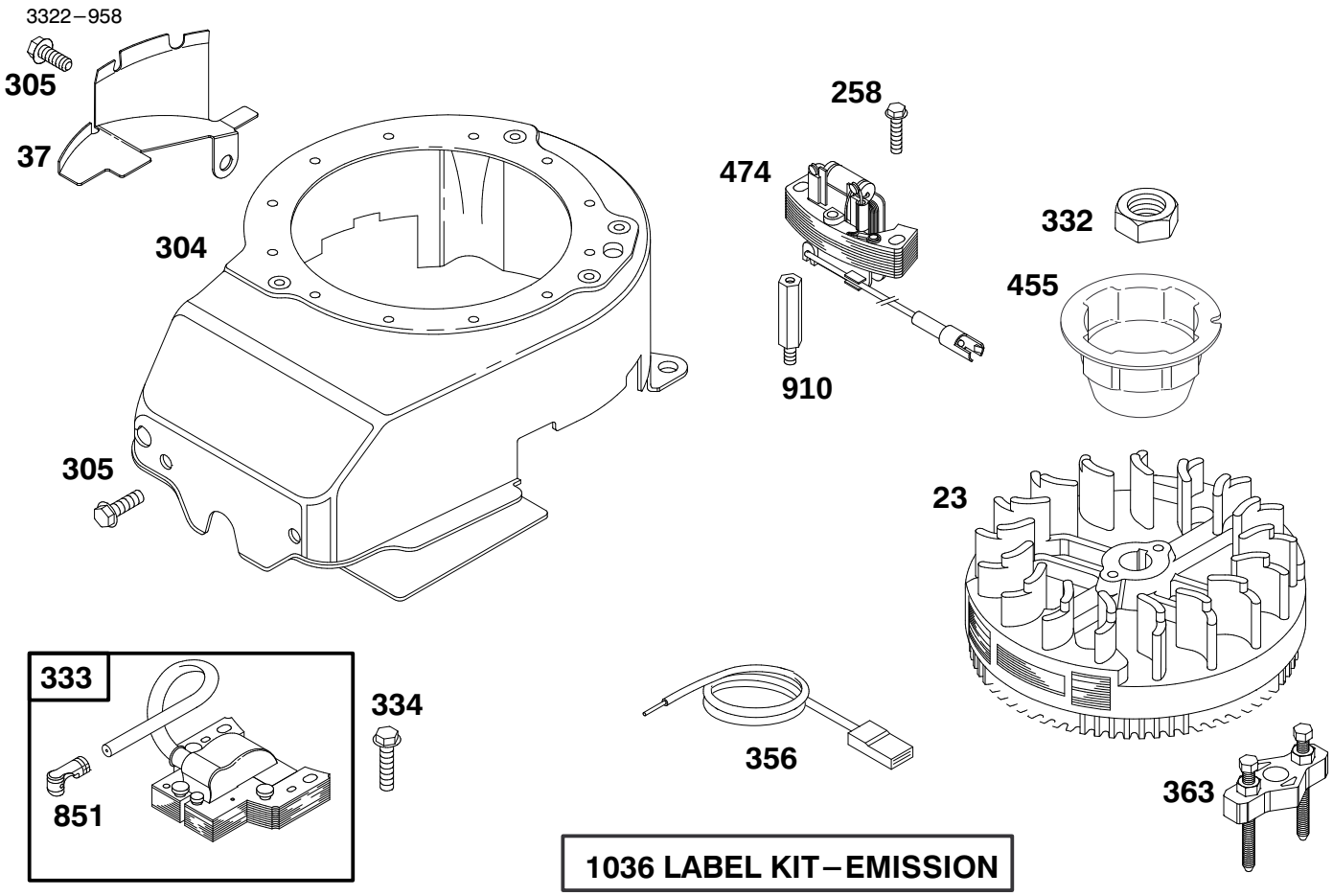
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12H807-1760−E1 (MODEL NO. 20021 SERIAL NO. 9940000−9941632)

Ref. No.	Part No.	Description	No. Used
188	94644	Screw − Hex.	1
188A	94874	Screw − Hex.	1
202	262579	Link − Governor	1
209	263046	Spring − Governor	1
258	94512	Screw − Hex.	1
423	93758	Screw−Hex.	1
620	497203	Bracket − Carburetor	1

Ref. No.	Part No.	Description	No. Used
620A	225152	Bracket − Control	1
621	396847	Switch − Stop	1
★670	493823	Spacer − Bracket **Note:** Includes Two.	1
922	262640	Spring−Brake	1
923	493442	Brake	1
935	499421	Switch−Interlock	1

★Included in Gasket Set−Part No. 497316.

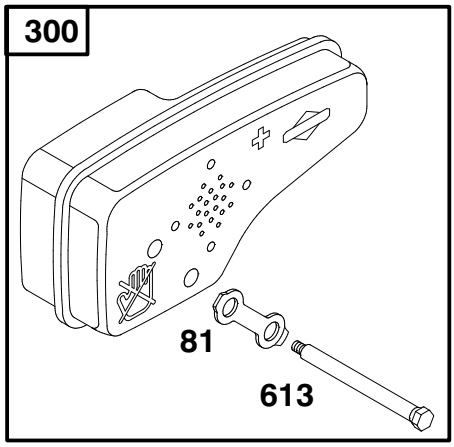


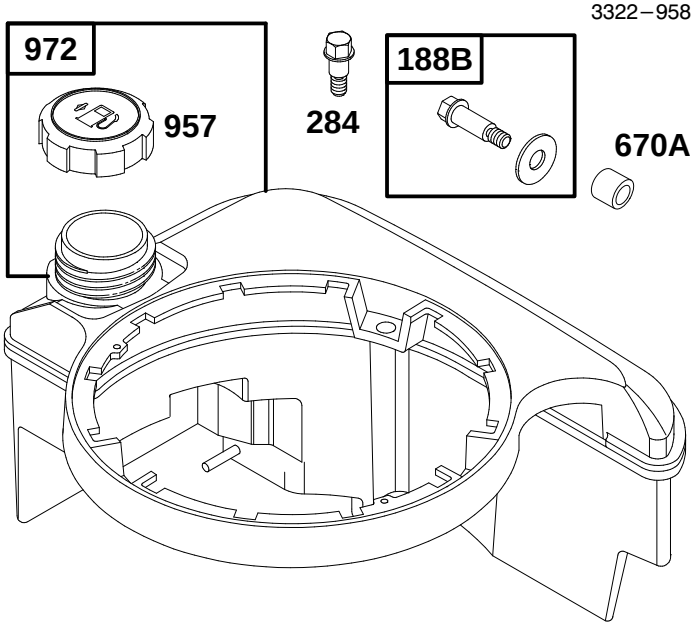
Assemblies include all parts shown in frames.

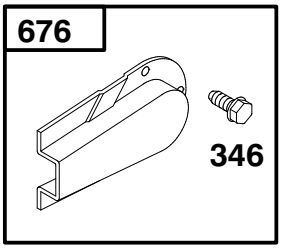
ENGINE BRIGGS & STRATTON MODEL 12H807-1760–E1 (MODEL NO. 20021 SERIAL NO. 9940000–9941632)

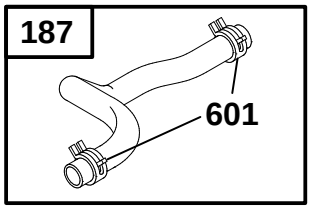
Ref. No.	Part No.	Description	No. Used
23	492175	Flywheel	1
37	224511	Guard – Flywheel	1
258	94512	Screw – Hex.	1
304	493293	Housing – Blower	1
305	94744	Screw – Hex.	1
332	94877	Nut – Flywheel	1
333	802574	Armature – Magneto	1
334	94731	Screw – Hex.	1

Ref. No.	Part No.	Description	No. Used
356	497833	Wire – Ground	1
363	19069	Flywheel Puller	1
455	225121	Cup – Starter	1
474	492841	Alternator	1
851	493880	Terminal – Ignition Cable	1
910	94510	Stud–Mounting	1
1036	499341	Label Kit – Emission	1







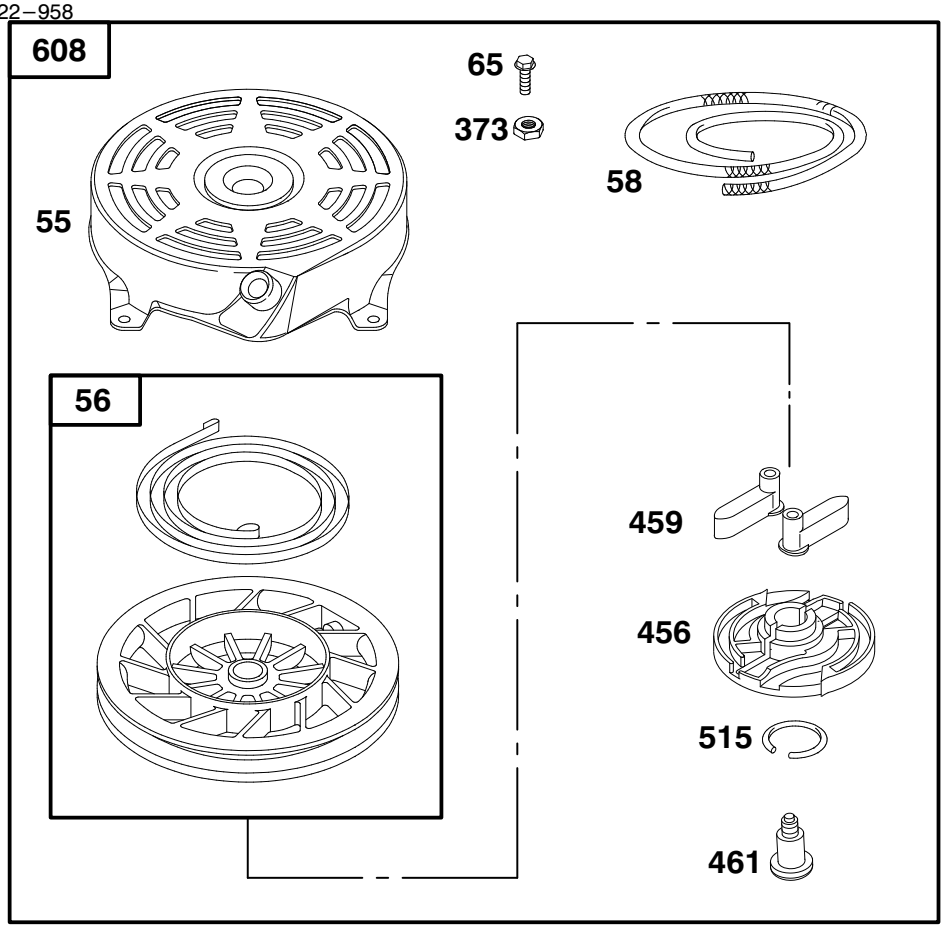


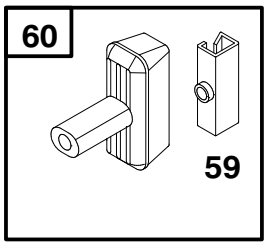
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12H807-1760–E1 (MODEL NO. 20021 SERIAL NO. 9940000–9941632)

Ref. No.	Part No.	Description	No. Used
81	223664	Lock – Muffler Screw	1
187	492791	Hose – Fuel (Molded)	1
188B	398540	Screw – Shoulder	1
284	94511	Screw – Shoulder	1
300	497838	Muffler – Exhaust	1
346	94896	Screw – Hex.	1

Ref. No.	Part No.	Description	No. Used
601	93053	Clamp – Hose	1
613	94231	Screw – Shoulder	1
670A	280512	Spacer – Fuel Tank	1
676	493871	Deflector – Muffler	1
957	397974	Cap – Fuel Tank	1
972	495224	Tank – Fuel	1



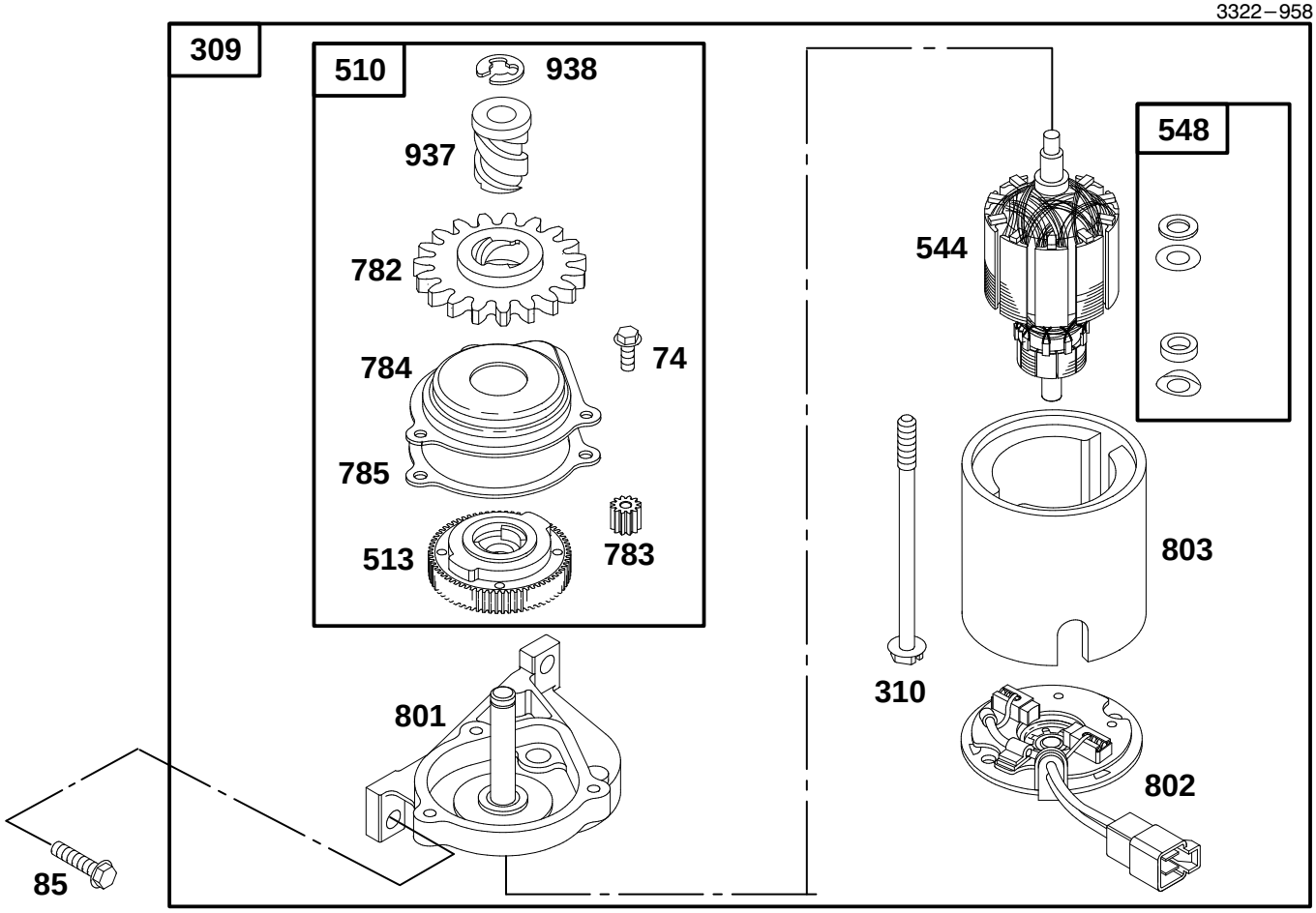


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12H807-1760–E1 (MODEL NO. 20021 SERIAL NO. 9940000–9941632)

Ref. No.	Part No.	Description	No. Used
55	497440	Housing – Rewind Starter	1
56	498144	Pulley – Starter	1
58	280399	Rope – Starter	1
59	224467	Insert – Starter Grip	1
60	493926	Grip – Starter Rope	1
65	94904	Screw – Hex.	1

Ref. No.	Part No.	Description	No. Used
373	94908	Nut – Hex.	1
456	281503	Retainer – Spring	1
459	281505	Pawl – Ratchet	1
461	94943	Screw – Shoulder	1
515	263073	Spring – Friction	1
608	497680	Starter – Rewind	1

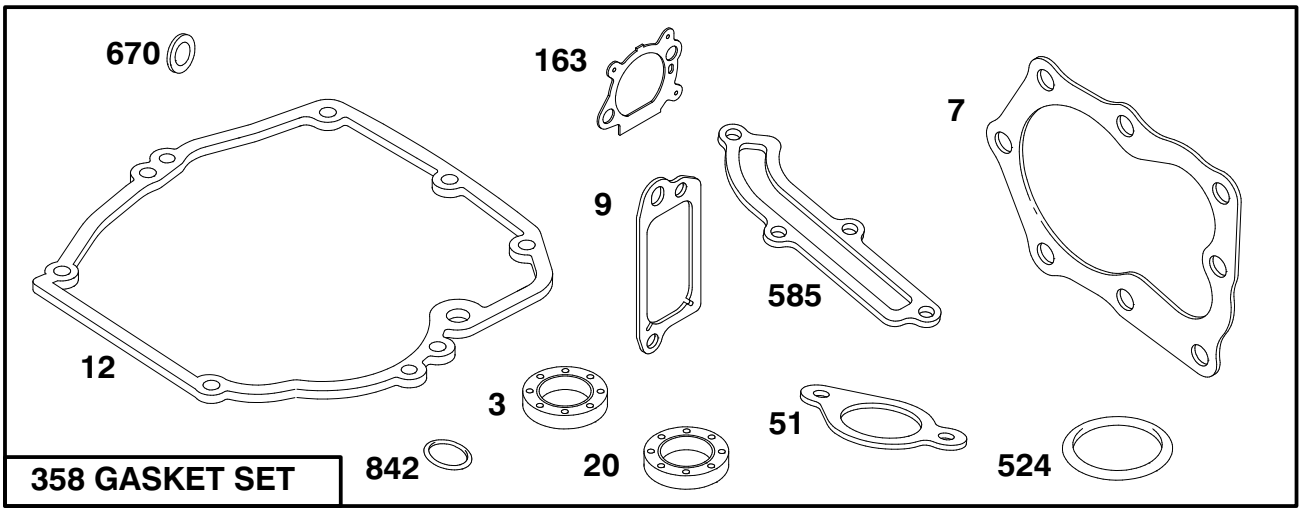


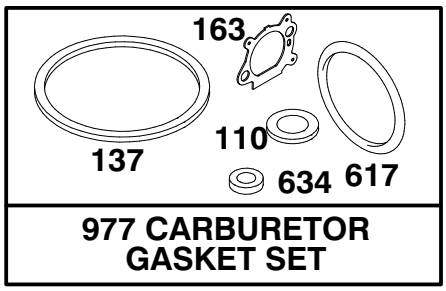
Assemblies include all parts shown in frames.

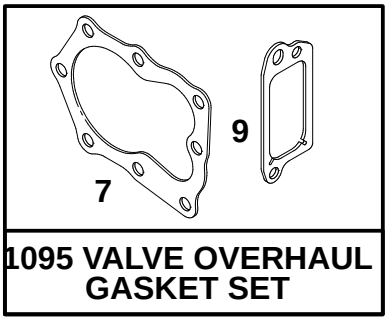
ENGINE BRIGGS & STRATTON MODEL 12H807-1760–E1 (MODEL NO. 20021 SERIAL NO. 9940000–9941632)

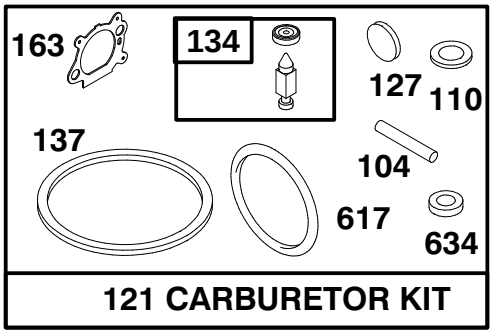
Ref. No.	Part No.	Description	No. Used
74	94680	Screw – Hex.	1
85	94974	Screw – Hex.	1
309	494233	Motor – Starter	1
310	94051	Bolt – Thru	1
510	494147	Drive – Starter	1
513	394815	Clutch – Drive	1
544	492921	Armature – Starter	1
548	492919	Washer Set – Starter	1
782	281127	Gear – Starter	1

Ref. No.	Part No.	Description	No. Used
783	261606	Gear – Pinion	1
784	224262	Cover – Gear	1
785	272201	Gasket – Gear Cover	1
801	492335	Cap – Drive	1
802	492922	Cap – End	1
803	492920	Housing – Starter	1
937	281125	Drive – Starter	1
938	93941	Retainer – Lock	1









Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12H807-1760−E1 (MODEL NO. 20021 SERIAL NO. 9940000−9941632)

Ref. No.	Part No.	Description	No. Used
★3	299819	Seal − Oil	1
†★7	272916	Gasket − Cylinder Hd.	1
†★9	272481	Gasket − Breather	1
★12	272198	Gasket − Crankcase	1
★20	399781	Seal − Oil	1
★51	272199	Gasket − Intake Elbow	1
●104	231371	Pin − Float Hinge	1
●◆110		Gasket − Sealing (Sold in Kit Only)	1
121	498260	Carburetor Kit	1
●127		Plug − Welch (Sold in Kit Only)	1
●134	398188	Kit − Needle/Seat	1
●◆137		Gasket − Bowl (Sold in Kit Only)	1

Ref. No.	Part No.	Description	No. Used
●◆★163	272653	Gasket − Air Cleaner	1
358	497316	Gasket Set	1
★524	280393	Seal − Filler Tube	1
★585	272238	Gasket − Baffle Plate	1
●◆617	270344	Seal − Fuel Intake Tube	1
●◆634		Washer − Shaft (Sold in Kit Only)	1
★670	493823	Spacer − Bracket **Note:** Includes Two.	1
★842	280966	Seal − O-Ring	1
977	498261	Gasket Set − Carburetor	1
1095	498528	Gasket Set − Valve Overhaul	1

●Included in Carburetor Kit−Part No. 498260.
◆Included in Carburetor Gasket Set−Part No. 498261.
★Included in Gasket Set−Part No. 497316.
†Included in Valve Overhaul Gasket Set−Part No. 498528.

Toro Part Number Index

Part No.	Page No.	Ref. No.	Qty.	Description
605120	1	12	1	Grommet
610358	5	17	2	Nut–Jam, Locking
613227	3	14	1	Screw – Set (Model 20020) (Model 20021 Serial #9900001–9939999)
614426	5	11	2	Washer–Stepped
614447	5	2	2	Spacer–Axle Shaft
614596	2	5	1	Gear –34t
614650	1	26	2	Bolt–Shoulder
614672	1	27	2	Bolt–Shoulder
614673	1	13	1	Bushing – Actuator Plt
614687	1	24	2	Arm–Front Spring
614696	2	8	1	Shaft–Intermediate
26–0670	3	16	1	Bolt–Blade (Model 20021 Serial #9940000–9941632)
27–6250	5	9:4	2	Bushing
33–0441	7	2	1	Door Cover (Only On: 20021)
33–0450	7	4	1	Latch Comp Spring (Only On: 20021)
36–4780	2	6	2	Washer
36–4791	2	11	2	Thrust Washer
36–6910	8	4	2	Spring (Only On: 20021)
38–7820	2	13	1	Bearing–Ball
40–1940	1	28	2	Washer–Wheel Bolt
43–8480	4	36:5	1	Decal–Danger
46–6811	7	11	3	Screw/Washer (Only On: 20021)
46–8090	7	7	2	Screw–Plastite (Only On: 20021)
47–2900	5	3:2	1	Bushing
49–2040	1	9	1	Screw–Taptite
49–2040	2	9	4	Screw–Taptite
55–3760	2	10	1	15 T Pinion
60–8750	2	12	2	Bushing
60–8850	2	3	2	Bushing–Output
60–8890	2	15	1	Bevel Pinion Gear
62–6660	2	18	1	Spacer
62–7540	3	20	1	Retainer–Blade (Model 20021 Serial #9940000–9941632)
62–7550	3	21	1	Pulley (Model 20021 Serial #9940000–9941632)
65–2720	5	5	4	Klip Ring–Special
65–4710	5	6	2	Ring–Friction
65–4720	5	13	2	Spring–Compression
65–4730	5	16	2	Washer–Pivot Arm
65–4740	5	4	4	Washer–Keyed Thrust
65–4750	5	14	2	Pinion–Gear,15t
65–4760	5	15	2	Washer
66–6040	5	7	1	Key–Rocking
66–6050	5	8	1	Key–Rocking LH
70–9760	5	3:3	1	Bushing
82–8550–03	3	8	1	Shield–Muffler
86–9671	6	2	1	Guide–Rope
88–1090	7	1	2	RH Door Spring (Only On: 20021)
88–1800	7	3	1	Door Latch (Only On: 20021)
92–1004	5	18	2	Spring Arm ASM – Rear
92–1008	1	23	4	Knob–Height Adj Lever
92–1024–03	3	22	1	Belt Guide
92–1057	5	10	2	Shoulder Bolt
92–1616	1	11	1	Screw–Thread Forming
92–2260	6	14	2	Screw–Handle
92–2269	6	13	1	Screw–Handle
92–2914	1	16	1	Decal – HOC R
92–2915	1	15	1	Decal – HOC L
92–4881–03	1	35	2	Plate – Hght Adj
92–4890	1	30	2	Washer – Wheel
92–5412	6	8	1	Stop–Pivot
92–7727	2	2	1	Gearcase
92–7746	5	3	2	ASM: Rear Ht Adj Arm

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
92−8647	1	21	1	Shield − Trailing
92−9590	5	9	2	ASM − 8” Wheel
92−9591	1	25	2	Assembly − 7” Wheel
93−0208−03	3	22	1	Guide−Belt (Model 20021 Serial #9940000−9941632)
93−0209	1	7	1	Cover − Transmission
93−0216	1	34	1	Kicker − Front
93−0217	3	12	1	Kicker − Rear
93−0219−03	3	18	1	Accelerator
93−0222−03	1	33	1	Baffle − Front
93−0223−03	3	11	1	Baffle − Rear
93−0228−03	1	10	1	Guide − Transmission
93−0230−01	1	36	1	Cover − Recycling (Only On: 20020)
93−0231	1	32	1	Screw − PPH
93−0231	3	10	1	Screw − PPH
93−0232	5	1	1	Belt − V
93−0233	1	17	1	ASM − LH Handle Bracket
93−0234	1	5	1	ASM − RH Handle Bracket
93−0239	2	7	1	Shaft − Output
93−0240	1	14	1	ASM − Transmission
93−0241	3	19	1	Blade − Steel Deck (Raw)
93−0242	1	37	4	Grommet (Only On: 20020)
93−0242	7	10	4	Grommet (Only On: 20021)
93−0243	3	3	1	Shroud−Quantum Wedge
93−0248	4	36:4	1	Decal−Warning
93−0263	7	5	1	Chute − Discharge (Only On: 20021)
93−0264	7	13	1	Door − Discharge (Only On: 20021)
93−0266	8	2	1	Door − Bag (Only On: 20021)
93−0267−03	7	6	1	Plate−Discharg Chute (Only On: 20021)
93−0281	8	5	1	Frame − Upper Bag (Only On: 20021)
93−0282	8	3	1	Frame − Lower Bag (Only On: 20021)
93−0283	8	7	1	Hinge − Bag Door (Only On: 20021)
93−0284	8	6	1	Bag − Grass (Only On: 20021)
93−4196−03	3	15	1	Shield − Grass
93−7380	6	18	1	Anchor − Cable
94−1609	5	12	2	Cover−Wheel
94−6096	6	12	1	Anchor − Cable
94−6097	6	5	1	Stop
95−1726	3	13	3	Screw−Taptite w/Patch
95−1748	3	16	1	Screw−Blade
95−1878	3	21	1	Pulley
95−7403−03	1	29	2	Brkt−Whl Ht Adj
98−3206	3	2	1	Nameplate − Toro
98−7134	6	15	2	Knob−Handle
98−8332	4	34	1	Knob (Only On: 20020)
99−1569−05	6	4	1	Handle−Upper
99−1570−03	6	6	1	Bail−Brake
99−1571−03	6	7	1	Bail−Traction
99−1586	6	9	1	Cable−Traction
99−1587	6	10	1	Cable−Brake
99−5236	4	36	1	Housing Sp Steel (Service)
99−5287	3	20	1	ASM−Blade Driver
99−5291	3	26	1	Rod−Cover (Steel Side Discharge)
99−5292	3	27	1	Bracket−Cover (Steel Side Discharge)
99−5293	3	28	1	Spring−Torsion (Steel Side Discharge)
99−5294	3	29	1	Cover−Side (Steel Side Discharge)
99−5295	3	30	1	Chute−Side (Side Discharge)
99−6011	4	36:2	1	Decal − Deck
99−6013	3	4	1	Decal − Recoil
99−6018	4	36:3	1	Decal−Warning
99−6021−05	6	17	1	Lower Handle
99−6349	4	35	1	Baffle
100−1176	2	17	2	Pulley Half

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
100−1589−03	4	33	1	Clamp−Door (Only On: 20020)
100−1589−03	7	15	1	Clamp−Door (Only On: 20021)
100−1590	7	14	1	Knob (Only On: 20021)
2210−316	3	5	1	Stop−Rope F/W Engine
302−56	5	3:1	1	Fitting−Zerk
322−3	1	20	6	Screw−HH
3229−11	3	31	2	Screw−CARR
3253−22	3	17	1	Washer−Lock/Sp
3256−1	6	11	1	Washer−Flat
3256−24	2	14	1	Washer−Flat
3285−19	2	4	2	Pin−Groove
3290−378	6	16	1	Tie−Cable
3290−422	8	1	2	Nut−Push (Only On: 20021)
3296−2	1	3	1	Nut−Lock Esna
3296−5	2	16	1	Nut−Lock Ni
3296−29	1	22	6	Nut−Lock Ni
3296−39	1	31	2	Nut−Lock Ni
3296−73	6	1	2	Nut−Lock
32105−27	1	2	1	Screw
32128−32	3	23	2	Nut−Hex, Flange
32144−4	1	1	3	Screw−HH (Only On: 20020)
32144−32	7	12	2	Screw (Only On: 20021)
32144−73	3	9	3	Screw
32144−85	5	19	2	Screw−TAP
32144−111	7	9	1	Screw−Plask (Only On: 20021)
32144−119	1	8	1	Screw−Pth
32144−121	3	6	2	Screw−Pan Hd
614668−03	2	1	1	Gear Case Cover

*Not Illustrated

MAINTENANCE RECORD

Date								