FORM NO. 3322–911A

TORO®

Super Recycler®

Mower

Model No. 20030 – 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.

Contents

Description	Page
Housing, Handle Brackets & Wheel Assembly	1
Engine & Blade Assembly	2
Handle & Controls Assembly	3
Engine Briggs & Stratton Model 12H802–1767–E1	4–10
Toro Part Number Index	11
Maintenance	12–13

Note:

Accessories

Description	Model / Parts No.
Recycler Side Discharge Kit	Model No. 59197
Recycler Bagging Kit	Model No. 59193
Plug Kit	Model No. 59135

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

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.

© The TORO Company — 1999
All Rights Reserved

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.

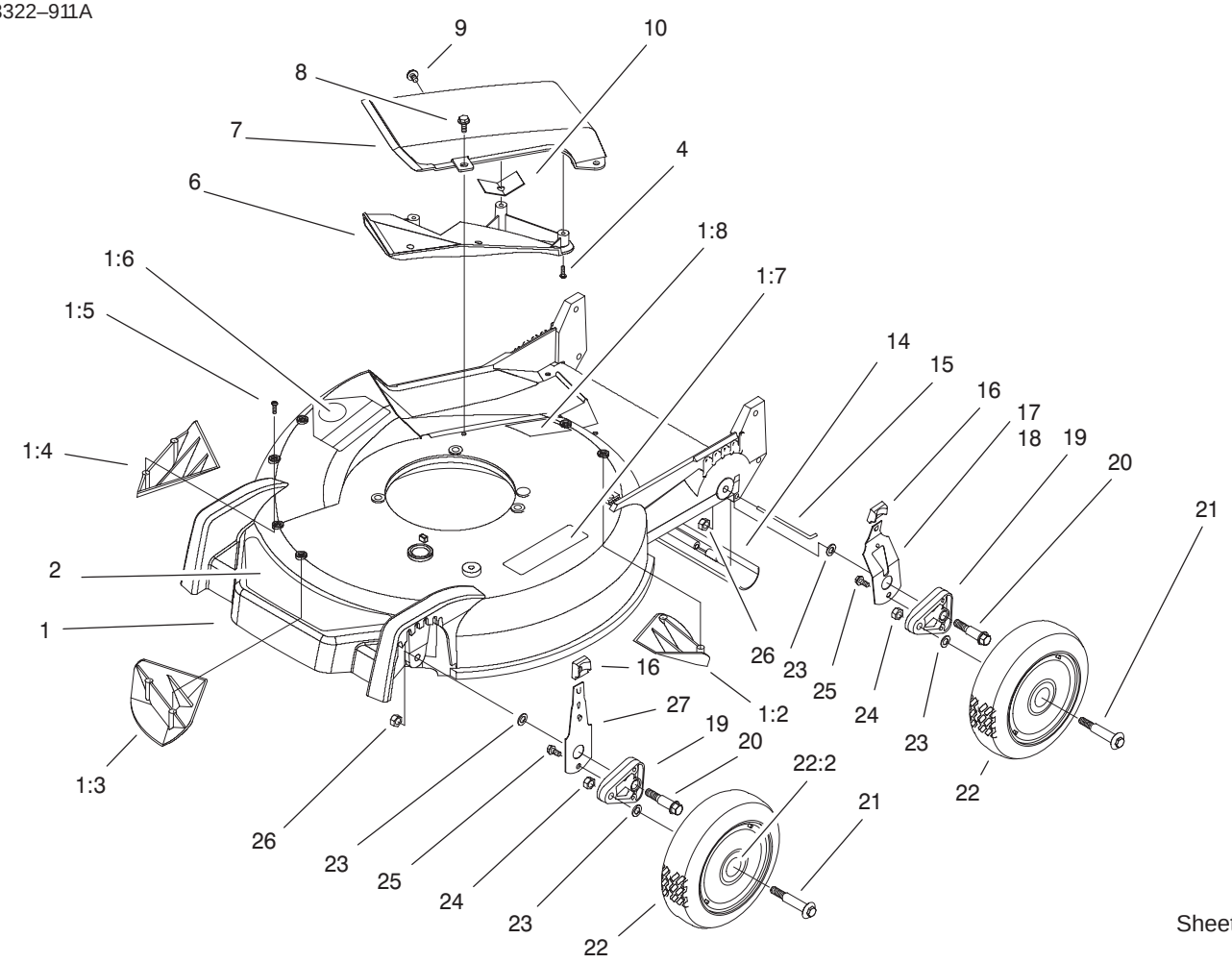
For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part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

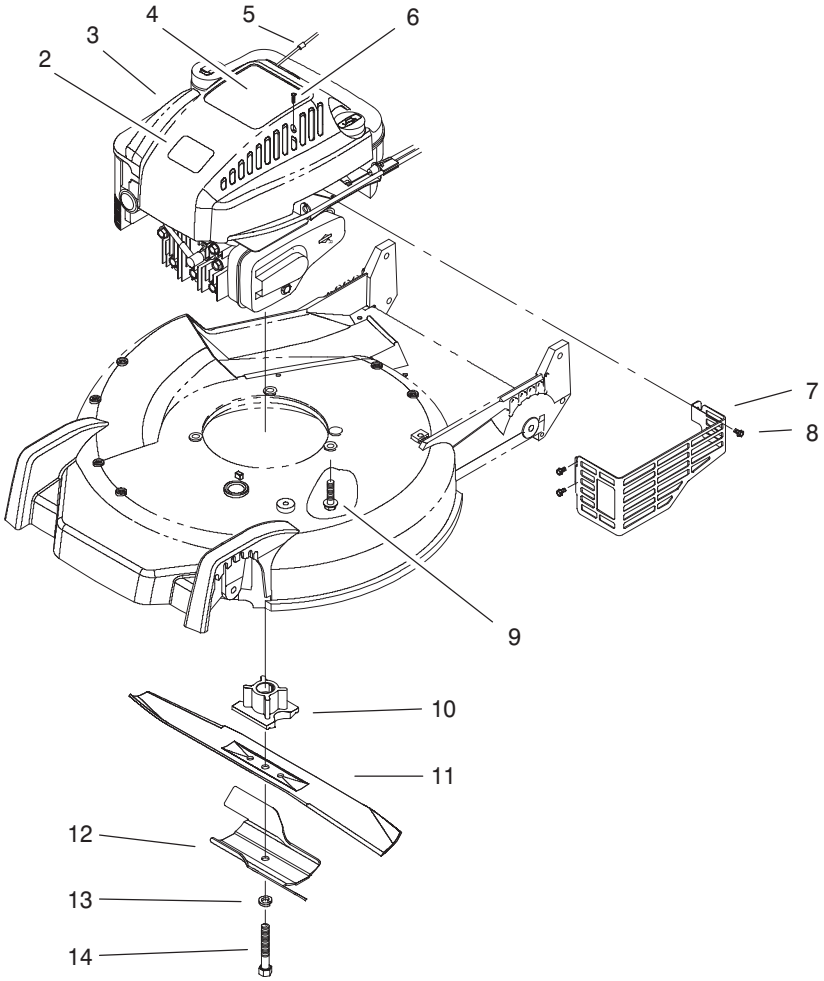


Sheet No.:2

Housing, Handle Brackets & Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	99–1704	1	Housing ASM
1:2	92–1660	1	Kicker – Rear,
1:3	92–1720	1	Kicker – Front
1:4	92–1730	1	Kicker–RH
1:5	32144–111	6	Screw–PPH
1:6	43–8480	1	Decal–Danger
1:7	93–0248	1	Decal – Warning
1:8	99–6018	1	Decal – Warning
2	99–6010	1	Decal – Deck
4		5	Screw–PPH
6		1	Deflector
7	100–2857	1	Cover
8	46–6811	3	Screw & Washer ASM
9	46–6810	1	Screw & Washer ASM
10		1	Cover Guard
14	44–0580	1	Shield – Trailing
15	33–3208	1	Rod–Shield
16	25–7740	4	Knob–Arm
17	71–0571	1	LH Spring Arm Assembly
18	71–0561	1	RH Spring Arm Assembly
19	66–0580	4	Arm–Pivot, Front
20	66–0560	4	Screw–Shoulder
21	92–1057	4	Bolt–Wheel (Serial No. 9900001–9903530)

Ref. No.	Part No.	Qty.	Description
21	27–6232	4	Bolt–Wheel (Serial No. 9903531 & Up)
22	98–7130	4	Wheel ASM (Serial No. 9900001–9903530)
22	14–9989	4	Wheel/Tire/ASM (Serial No. 9903531 & Up)
22:2	27–6250	8	Bushing
23	40–1940	8	Washer–Wheel Bolt
24	603773	4	Nut–L0ck (Serial No. 9900001–9903530)
24	3296–6	4	Nut–Lock (Serial No. 9903531 & Up)
25	32144–85	4	Screw–HH
26	3296–6	4	Nut–Lock
27	66–0541	2	Front Spring Arm ASM

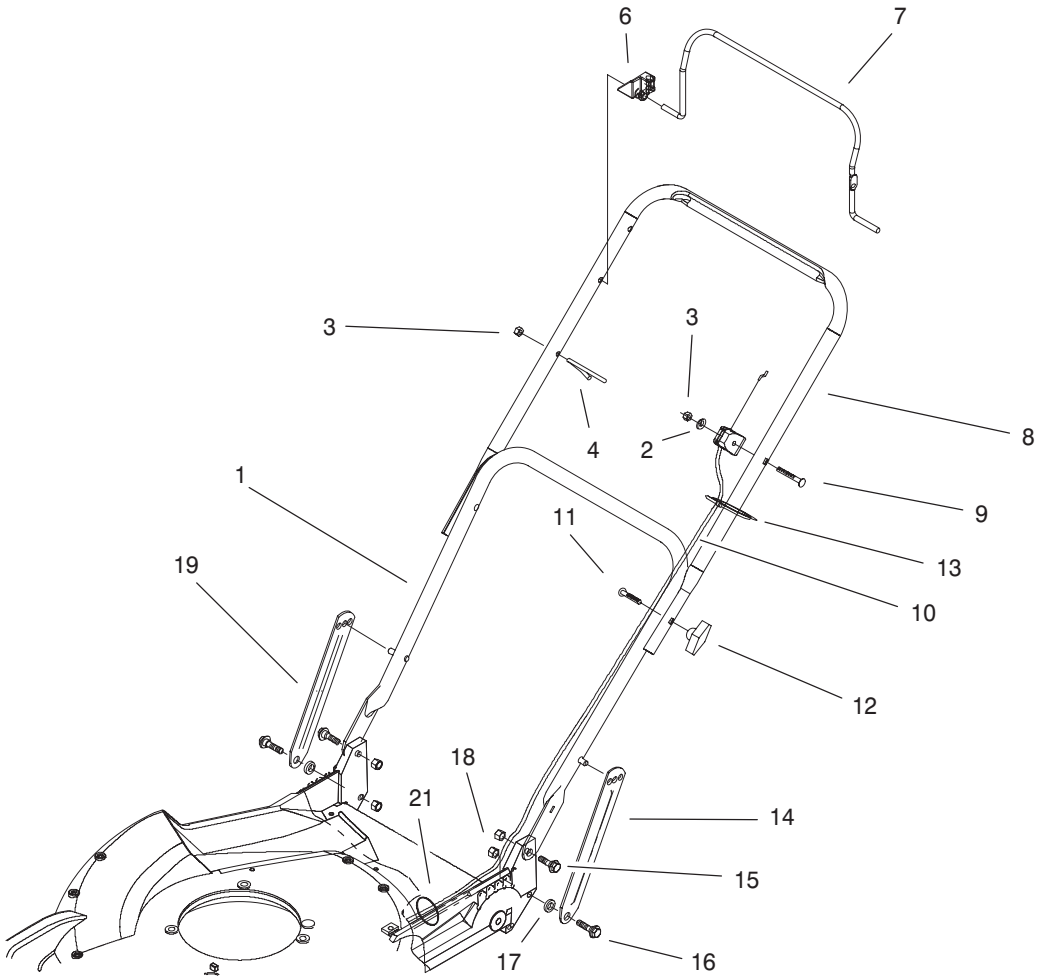


Sheet No.:3

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
6	32144–121	2	Screw–PPH
7	82–8550–03	1	Shield–Muffler
8	32144–73	3	Screw–HWH
9	32144–102	3	Screw–HWH
10	100–1100	1	Retainer – Blade
11	93–4106	1	Blade–Recycler, Gen. Iii
12	94–1608–03	1	Accelerator–Blade
13	3253–22	1	Washer–Lock/Sp
14	95–1748	1	Screw–Blade

Ref. No.	Part No.	Qty.	Description

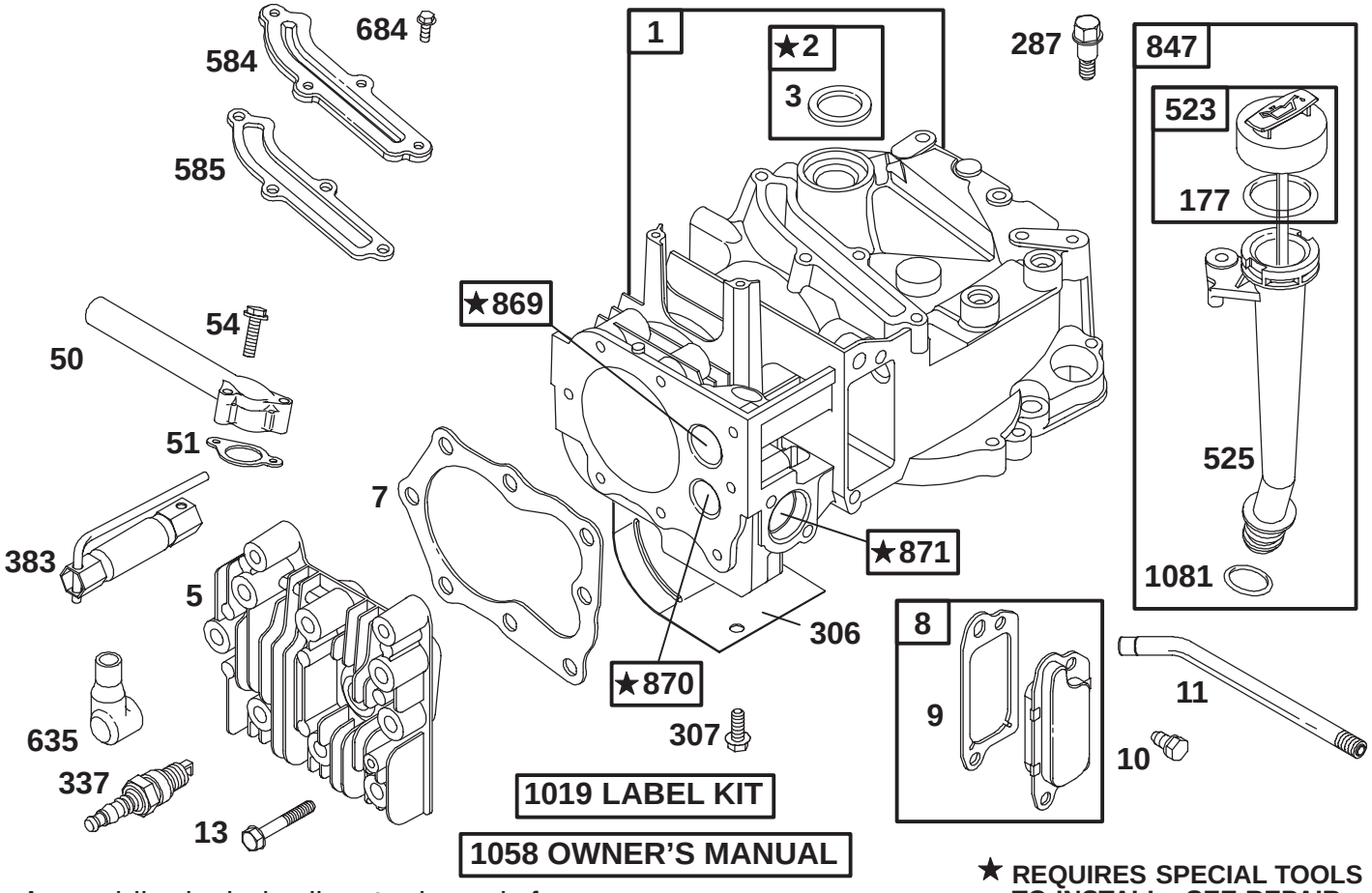


Sheet No.:4

Handle & Controls Assembly

Ref. No.	Part No.	Qty.	Description
1	82–5531–05	1	Lower Handle ASM
2	3256–1	1	Washer–Flat
3	3296–73	2	Nut–Lock NI
4	86–9671	1	Guide–Rope
6	94–6097	1	Stop
7	99–1570	1	Bail–Brake
8	99–6017–05	1	Handle–Upper
9	95–4453	1	Screw – Handle
10	99–5288	1	Cable–Brake
11	92–2260	2	Screw–Handle
12	98–7134	2	Knob–Handle
13	3290–378	1	Tie–Cable
14	84–8361–03	1	Latch–LH Handle
15	27–7211	2	Shoulder Screw
16	27–7210	2	Screw–Shoulder
17	3–3287	2	Spacer–Handle Latch
18	3296–72	4	Nut–Lock NI
19	84–8401–03	1	Latch–RH Handle
21	3290–381	1	Strap–tie

Ref. No.	Part No.	Qty.	Description



Assemblies include all parts shown in frames.

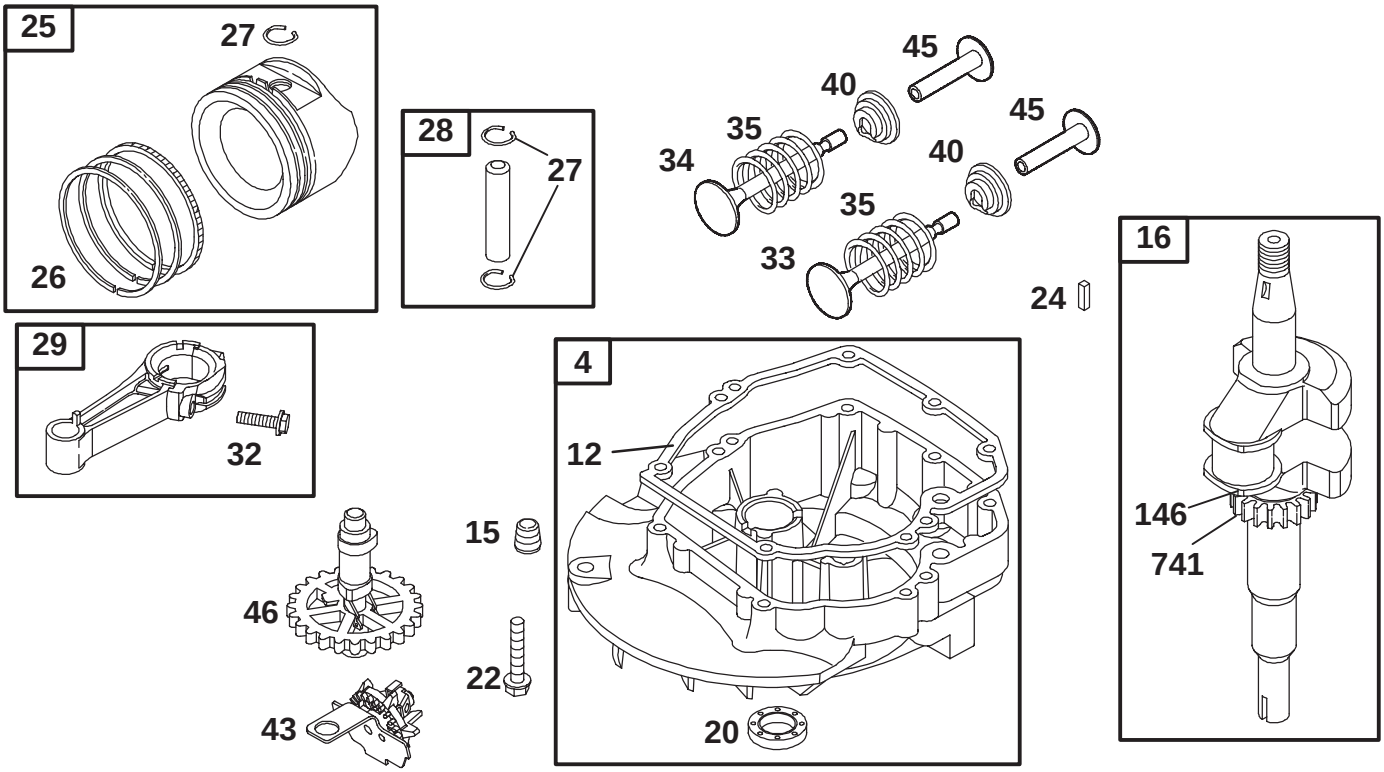
★ REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.

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.

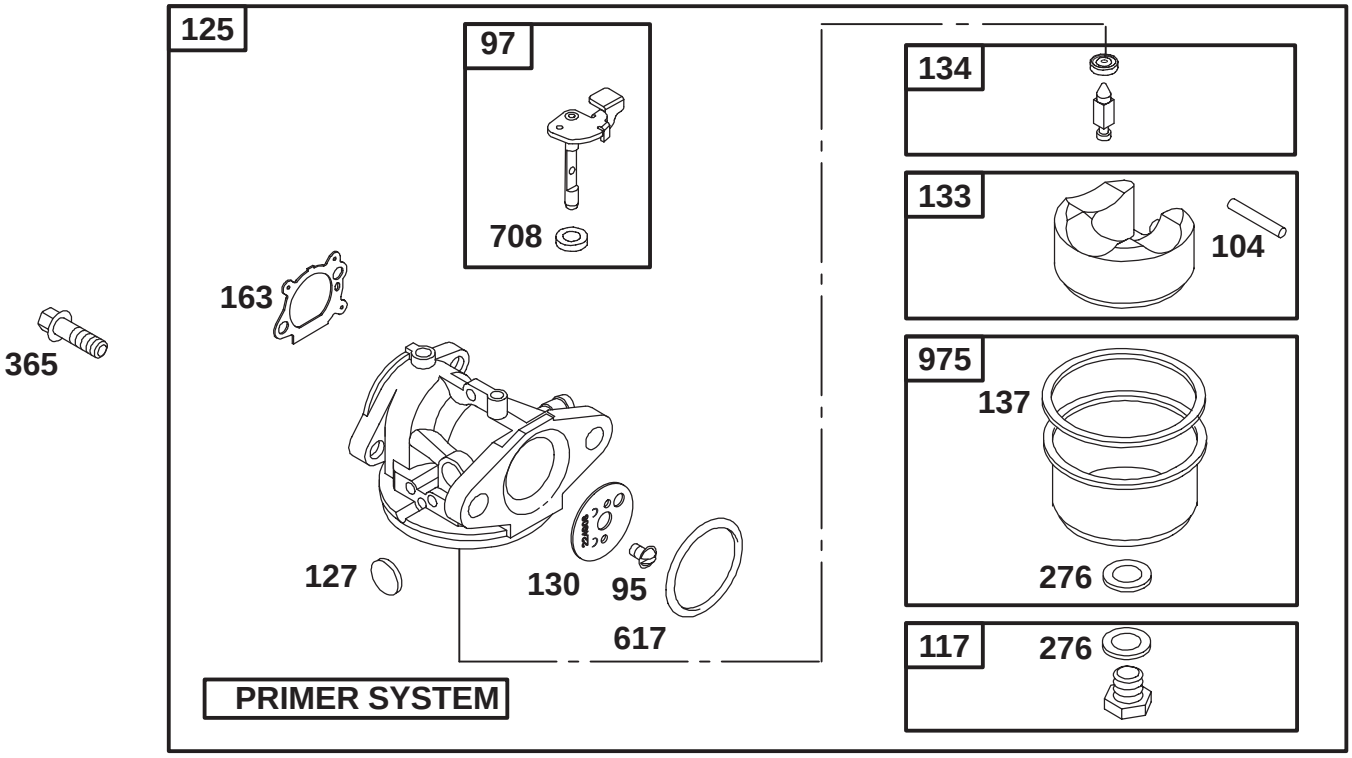


Assemblies include all parts shown in frames.

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	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.



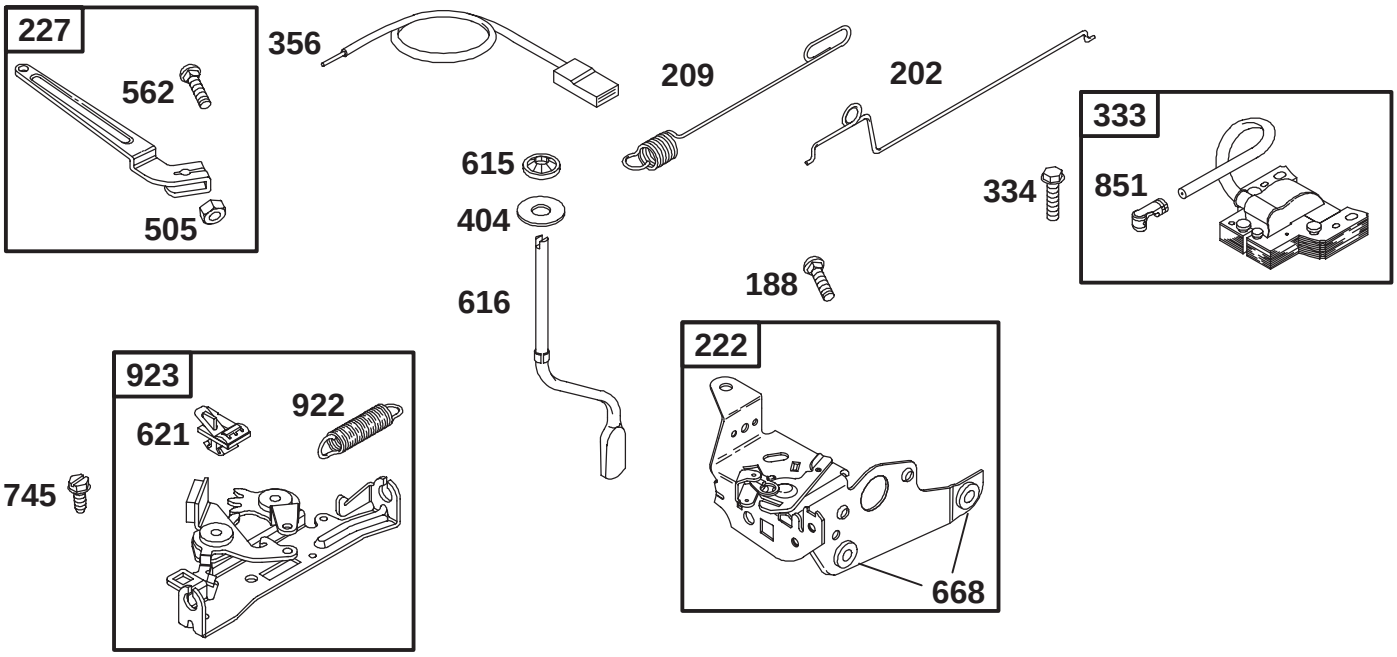
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL12H802–1767–E1

Ref. No.	Part No.	Description	No. Used
95	94098	Screw (Throttle Valve)	1
97	493267	Shaft–Throttle	1
●104	691242	Pin–Float Hinge	1
117	494870	Main Jet (Standard)	1
	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	

★ 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.



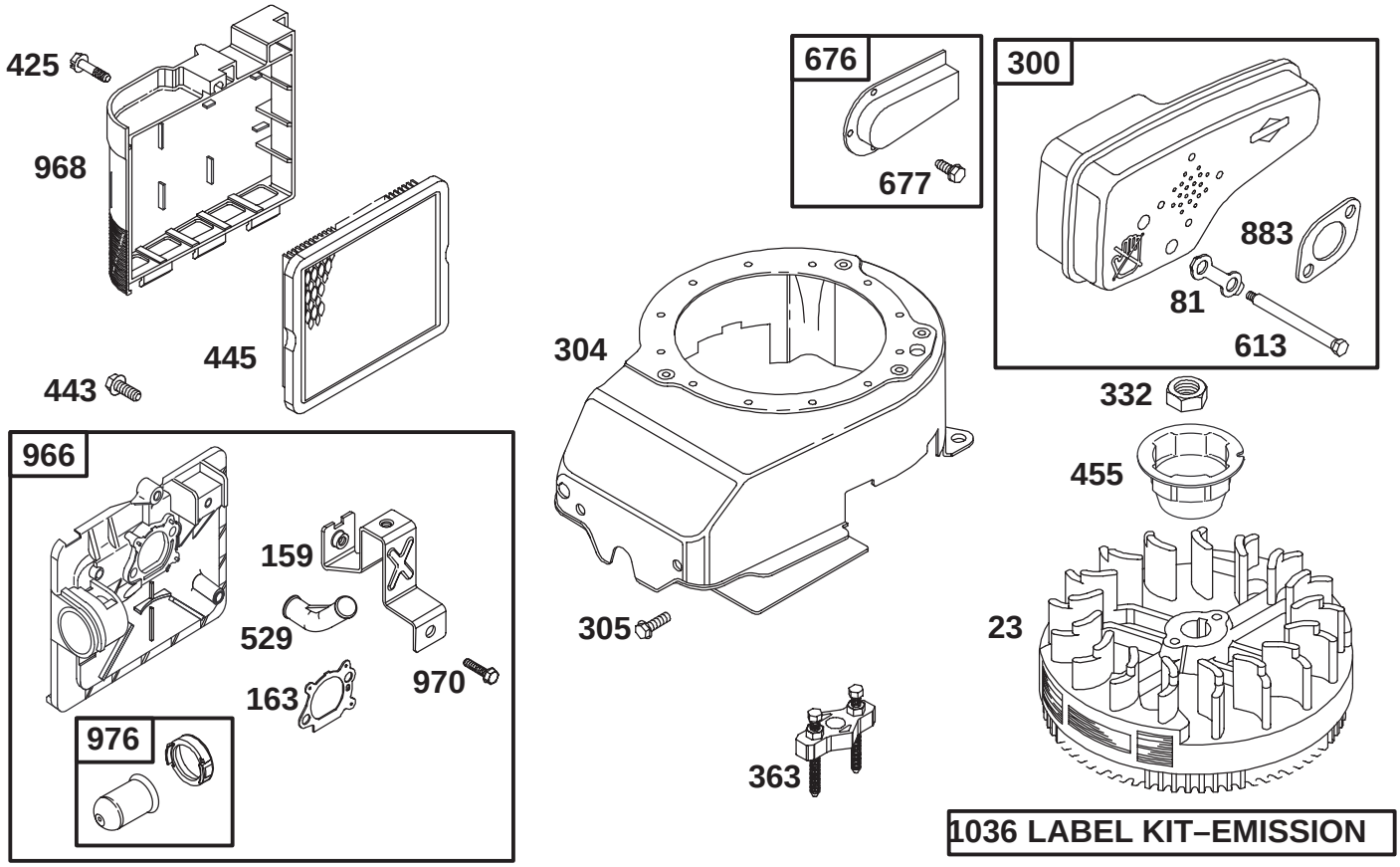
Assemblies include all parts shown in frames.

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.



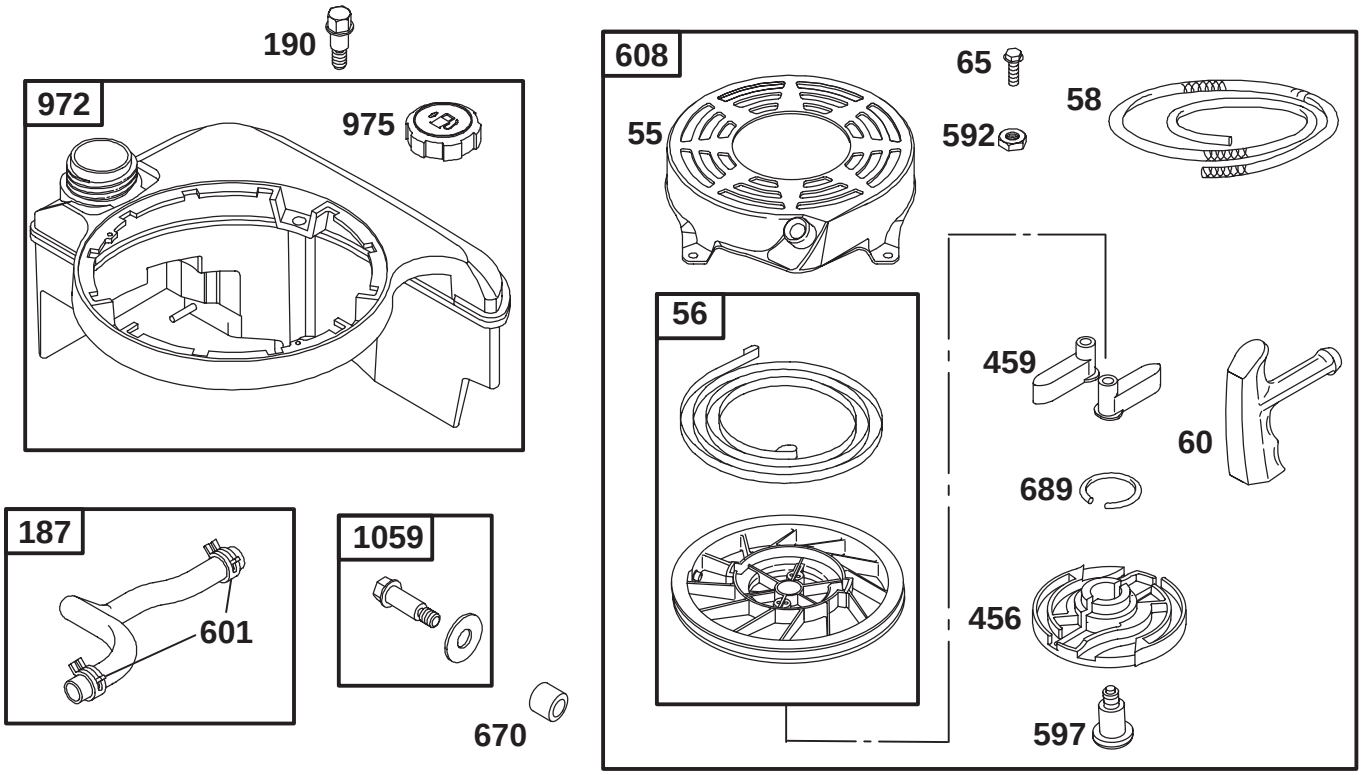
Assemblies include all parts shown in frames.

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.



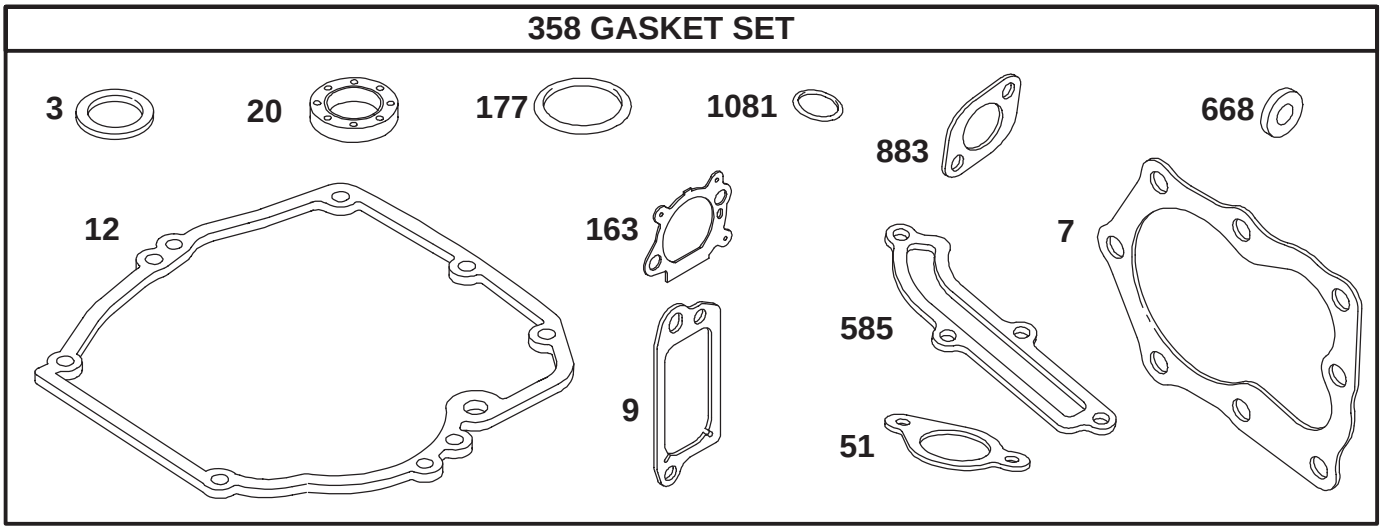
Assemblies include all parts shown in frames.

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.



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
●◆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.

Toro Part Number Index

Part No.	Page No.	Ref. No.	Qty.	Description
603773	1	24	4	Nut–L0ck (Serial No. 9900001–9903530)
3–3287	3	17	2	Spacer–Handle Latch
14–9989	1	22	4	Wheel/Tire/ASM (Serial No. 9903531 & Up)
25–7740	1	16	4	Knob–Arm
27–6232	1	21	4	Bolt–Wheel (Serial No. 9903531 & Up)
27–6250	1	22:2	8	Bushing
27–7210	3	16	2	Screw–Shoulder
27–7211	3	15	2	Shoulder Screw
33–3208	1	15	1	Rod–Shield
40–1940	1	23	8	Washer–Wheel Bolt
43–8480	1	1:6	1	Decal–Danger
44–0580	1	14	1	Shield – Trailing
46–6810	1	9	1	Screw & Washer ASM
46–6811	1	8	3	Screw & Washer ASM
66–0541	1	27	2	Front Spring Arm ASM
66–0560	1	20	4	Screw–Shoulder
66–0580	1	19	4	Arm–Pivot, Front
71–0561	1	18	1	RH Spring Arm Assembly
71–0571	1	17	1	LH Spring Arm Assembly
82–5531–05	3	1	1	Lower Handle ASM
82–8550–03	2	7	1	Shield–Muffler
100–2857	1	7	1	Cover
	1	6	1	Deflector
	1	10	1	Cover Guard
	1	4	5	Screw–PPH
84–8361–03	3	14	1	Latch–LH Handle
84–8401–03	3	19	1	Latch–RH Handle
86–9671	3	4	1	Guide–Rope
92–1507	1	21	4	Bolt–Wheel (Serial No. 9900001–9903530)
92–1660	1	1:2	1	Kicker – Rear,
92–1720	1	1:3	1	Kicker – Front
92–1730	1	1:4	1	Kicker–RH
92–2260	3	11	2	Screw–Handle
93–0243	2	3	1	Shroud–Quantum Wedge
93–0248	1	1:7	1	Decal – Warning
93–4106	2	11	1	Blade–Recycler, Gen. Iii
94–1608–03	2	12	1	Accelerator–Blade
94–6097	3	6	1	Stop
95–1748	2	14	1	Screw–Blade
95–4453	3	9	1	Screw – Handle
98–3206	2	2	1	Nameplate – Toro
98–7130	1	22	4	Wheel ASM (Serial No. 9900001–9903530)
98–7134	3	12	2	Knob–Handle
99–1570	3	7	1	Bail–Brake
99–1704	1	1	1	Housing ASM
99–5288	3	10	1	Cable–Brake
99–6010	1	2	1	Decal – Deck
99–6013	2	4	1	Decal – Recoil
99–6017–05	3	8	1	Handle–Upper
99–6018	1	1:8	1	Decal – Warning
100–1100	2	10	1	Retainer – Blade
2210–316	2	5	1	Stop–Rope
3253–22	2	13	1	Washer–Lock/Sp
3256–1	3	2	1	Washer–Flat
3290–378	3	13	1	Tie–Cable
3296–6	1	24	4	Nut–Lock (Serial No. 9903531 & Up)
3296–6	1	26	4	Nut–Lock
3296–72	3	18	4	Nut–Lock Ni
3296–73	3	3	2	Nut–Lock Ni
32144–73	2	8	3	Screw–HWH
32144–85	1	25	4	Screw–HH
32144–102	2	9	3	Screw–HWH
32144–111	1	1:5	6	Screw–PPH
32144–121	2	6	2	Screw–PPH

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
3290–381	3	21	1	Strap–tie

*Not Illustrated

MAINTENANCE RECORD

Date								