FORM NO. 3319–315

TORO®

21” RECYCLER®

Mower

Model No. 20449 – 7900001 & 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

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Briggs & Stratton Engine Model 12F802–0650–01	4–12
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Note:

Accessories

Description	Model / Parts No.
Rear Side Discharge Kit	Model No. 59291
Recycler Bagging Kit	Model No. 59290

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.

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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.

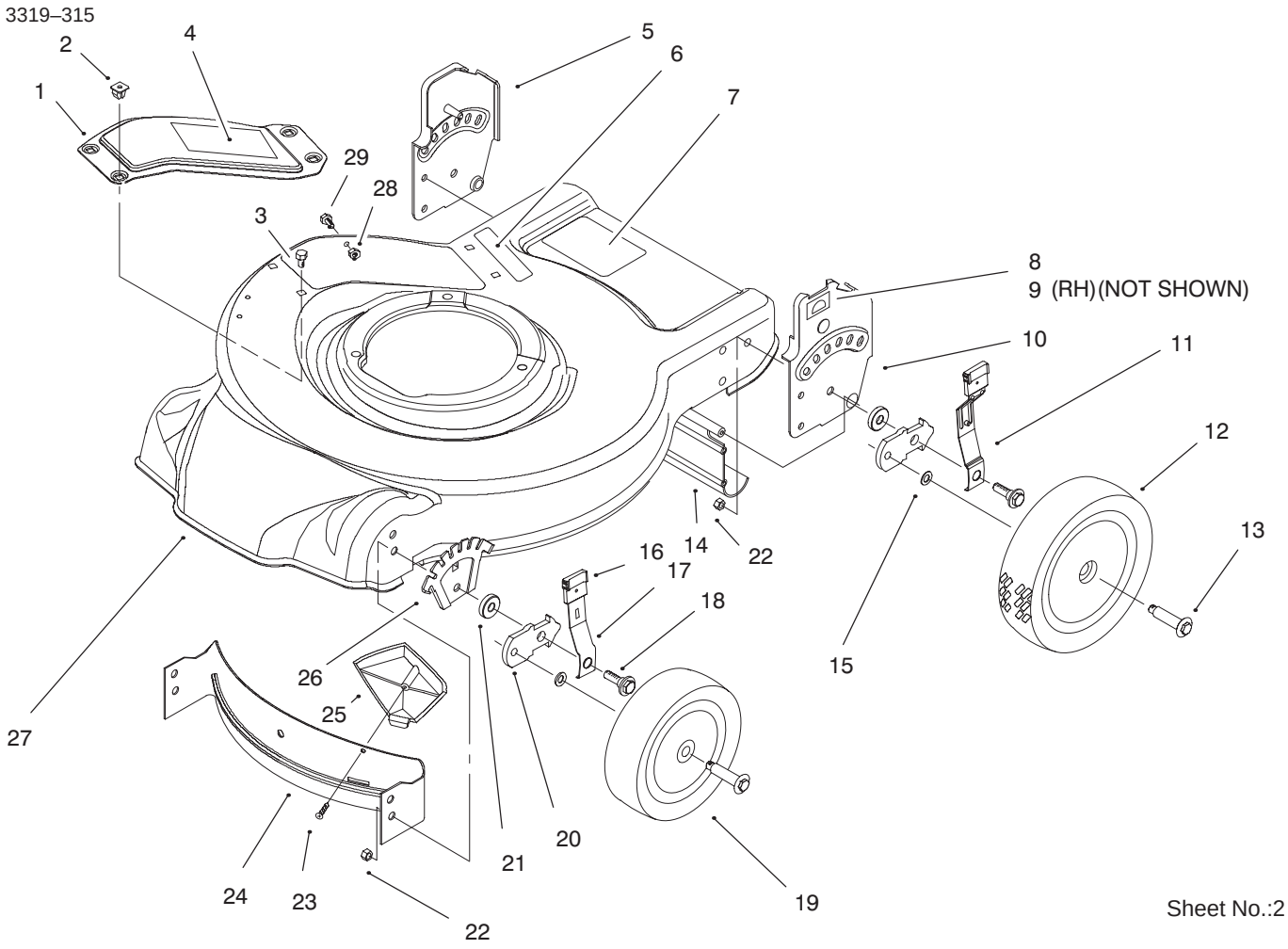
For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part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

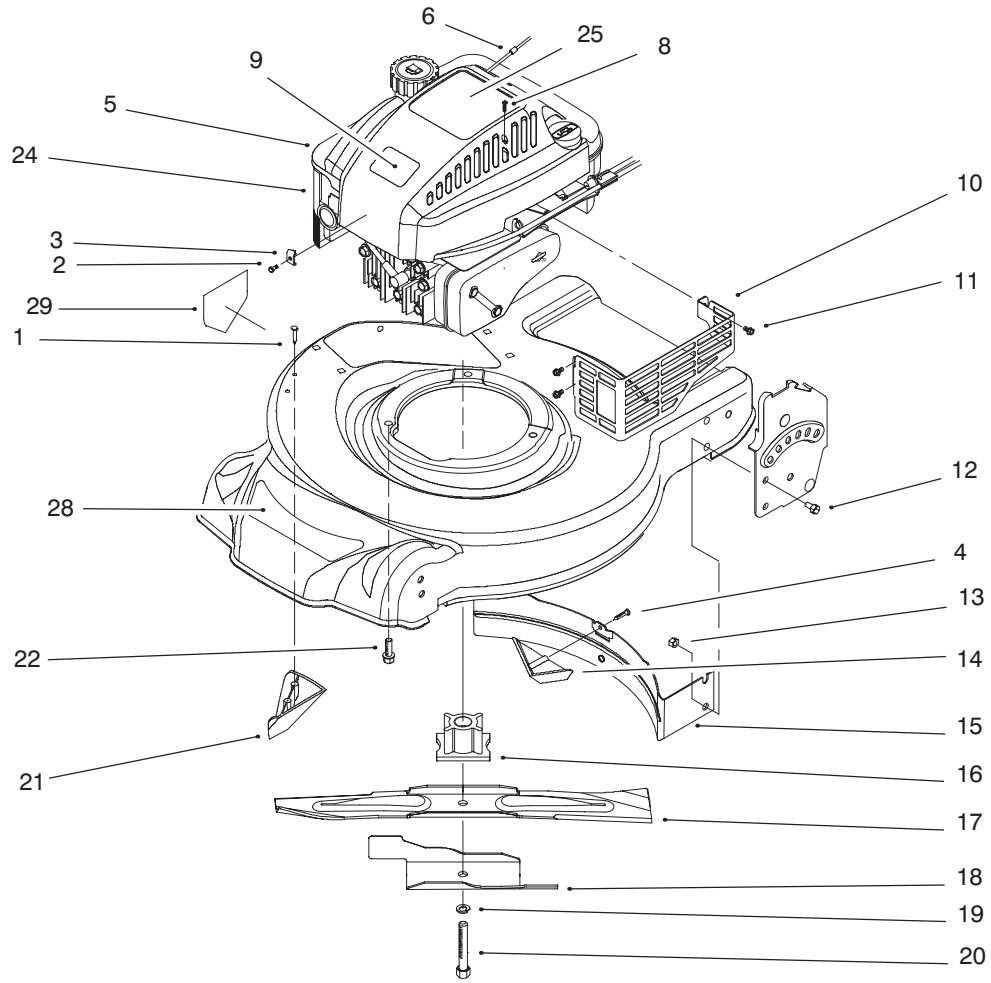


Sheet No.:2

Housing Assembly

Ref. No.	Part No.	Qty.	Description
1	16–9269	1	Cover–Recycling (Incl. Ref. #4)
2	93–0242	4	Grommet
3	32144–4	4	Screw–TAP
4	85–7060	1	Decal–Danger
5	93–0236	1	ASM
6	93–0262	1	Decal–Warning
7	93–0248	1	Decal–Warning
8	92–2915	1	Decal–HOC L.h.
9	92–2914	1	Decal–HOC R.h.
10	93–0235	1	ASM
11	92–1005	2	ASM–Spring Arm
12	92–9592	2	ASM–Wheel
13	614650	4	Bolt–Shoulder
14	92–8647	1	Shield–Trailing
15	40–1940	4	Washer
16	92–1008	4	Knob–Height Adjust
17	614687	2	Spring Arm–Front
18	614672	4	Bolt–Shoulder
19	92–9591	2	ASM–Wheel
20	614637	4	Bracket–Wheel Height Adj
21	92–4890	4	Washer
22	3296–39	4	Nut–Lock
23	93–0231	1	Screw–Plastite
24	93–0222	1	Baffle–Front

Ref. No.	Part No.	Qty.	Description
25	93–0216	1	Kicker–Front
26	92–4881	2	Plate–Height Adjust
27	16–9259	1	Deck–21in Steel (Incl. Ref. #6 & 7 Pg. 1, #29 Pg. 2)
28	3296–2	1	Nut Lock
29	32105–27	1	Screw–HWH

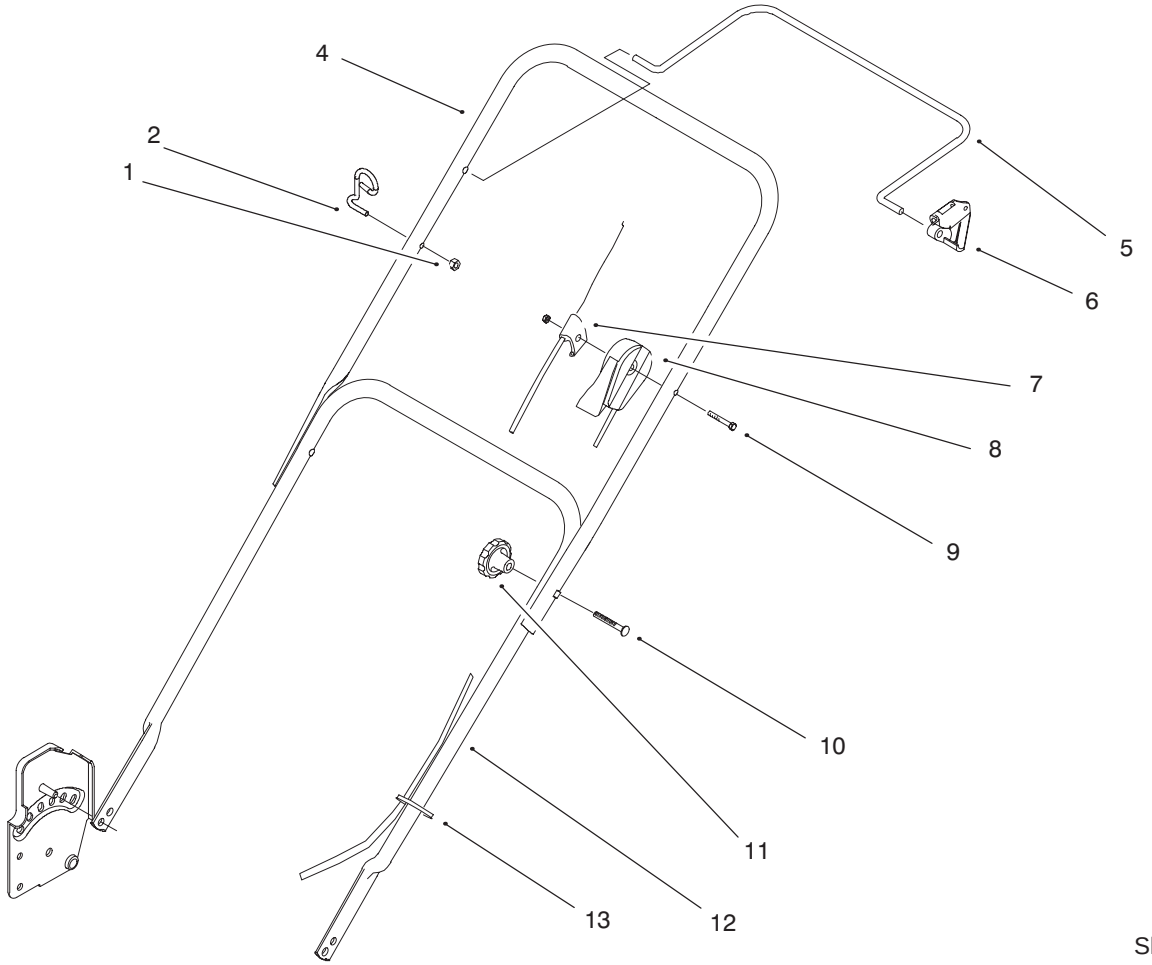


Sheet No.:3

Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	32144–111	2	Screw – PPH
2	93–8470	1	Screw–Clamp (P/W Eng)
3	2210–249	1	Clamp–Casing (P/W Eng)
4	93–0231	1	Screw–Plastite
5	93–0243	1	Shroud–Qt Wedge
6	2210–316	1	Rope–Stop (P/W Eng)
8	32144–121	2	Screw
9	92–2289	1	Plate–Logo
10	82–8550	1	Shield–Muffler
11	32144–73	3	Screw–HWHTF
12	322–3	4	Screw–HH
13	3296–29	4	Nut–Lock
14	93–0217	1	Kicker–Rear
15	93–0223	1	Baffle–Rear
16	62–7540	1	Retainer–Blade
17	93–0241	1	Blade–Steel Deck
18	93–0219	1	Accelerator
19	3253–22	1	Washer–Lock
20	26–0670	1	Bolt–Blade
21	93–0218	1	Kicker–Side
22	92–1624	3	Screw–Engine
24		1	Engine–Quantum 5.0 Hp
25	95–1652	1	Decal–Recoil

Ref. No.	Part No.	Qty.	Description
28	93–0245	1	Decal–Deck
29	39–5770	1	Decal–Danger

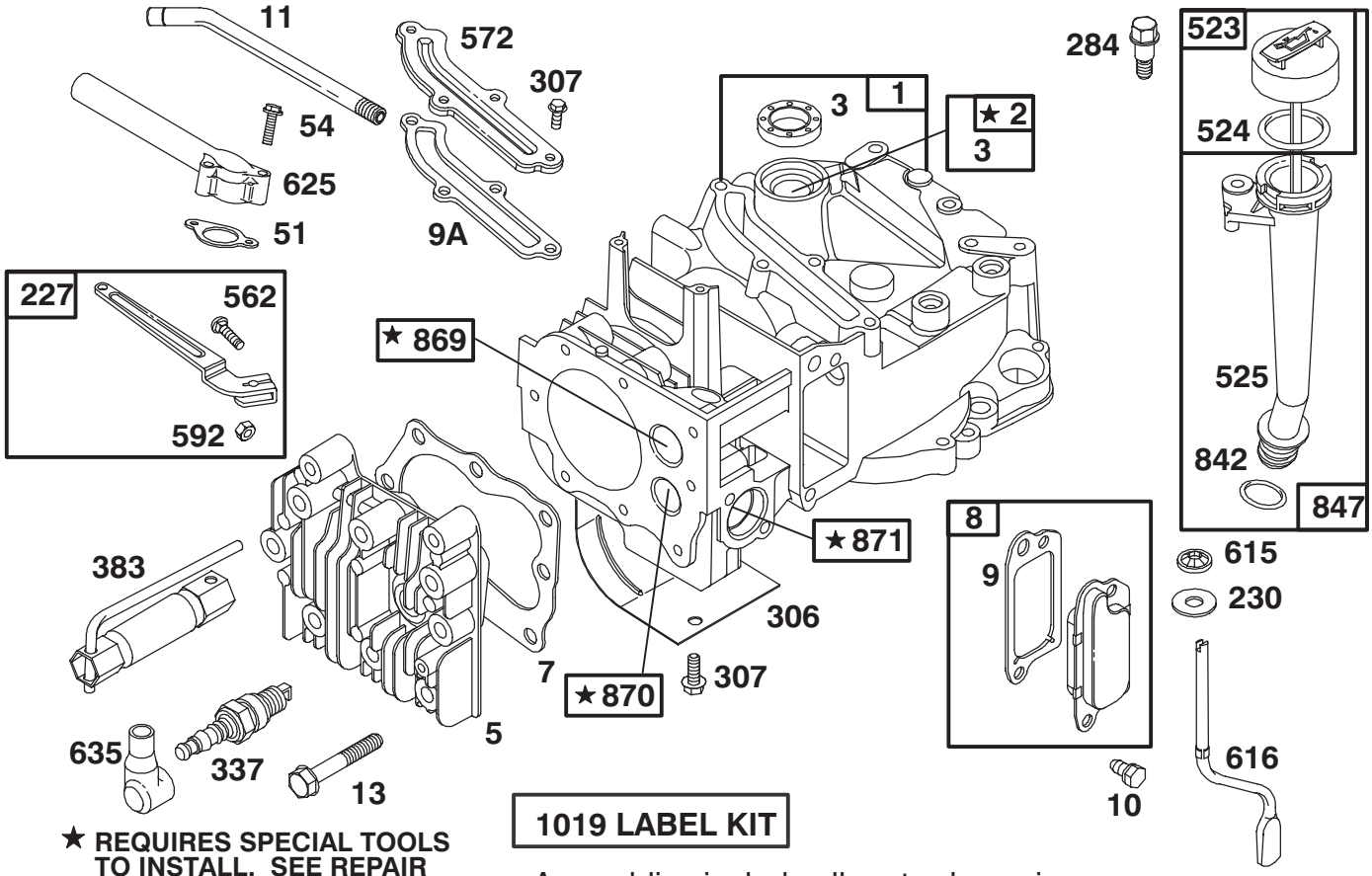


Sheet No.:4

Handle Assembly

Ref. No.	Part No.	Qty.	Description
1	3296–73	2	Nut–Lock
2	86–9671	1	Guide–Rope
4	93–0237	1	Handle–Upper
5	92–3134	1	Bar–Control
6	92–5412	1	Stop–Pivot
7	93–0253	1	Cable–Brake
8	93–0252	1	Cable–Throttle
9	92–2269	1	Screw–Handle
10	92–2260	2	Screw–Handle
11	19–4050	2	Knob
12	93–0238	1	Handle–Lower
13	3290–378	1	Tie–Cable

Ref. No.	Part No.	Qty.	Description



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

1019 LABEL KIT

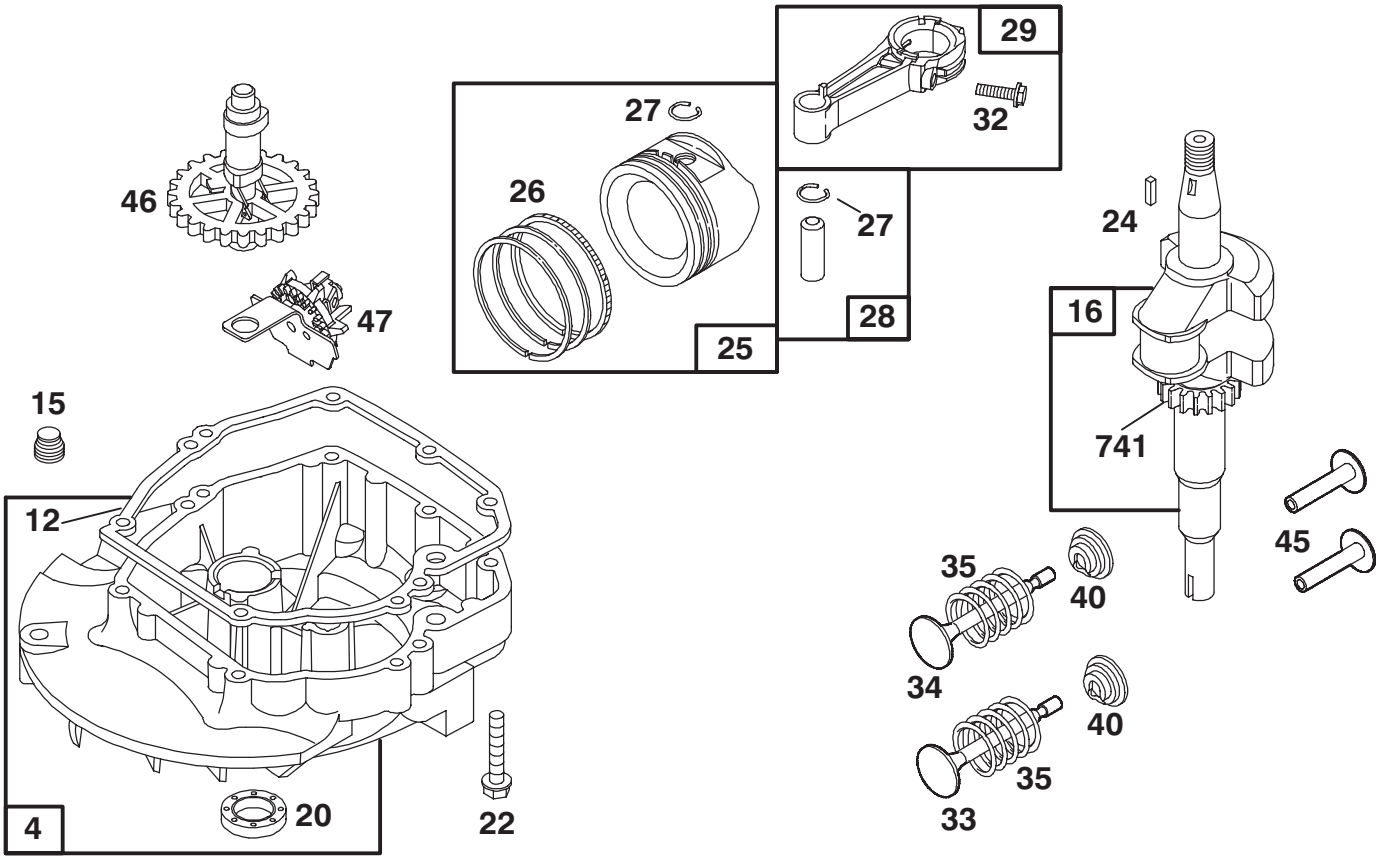
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12F802-0650–01

Ref. No.	Part No.	Description	No. Used
1	493260	Cylinder Assembly	1
2	293708	Bushing – Cylinder	1
★3	299819	Seal – Oil	1
5	214626	Head – Cylinder	1
★7	272916	Gasket – Cylinder Head	1
8	495786	Breather – Valve Chamber	1
★9	272481	Gasket – Breather	1
★9A	272238	Gasket – Baffle Plate	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. Head	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
572	224328	Baffle – Cylinder	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 **Note:** 63709 Guide – Intake Valve	1 1
1019	494256	Label Kit	1

★ Included in Gasket Set–Part No. 497316.



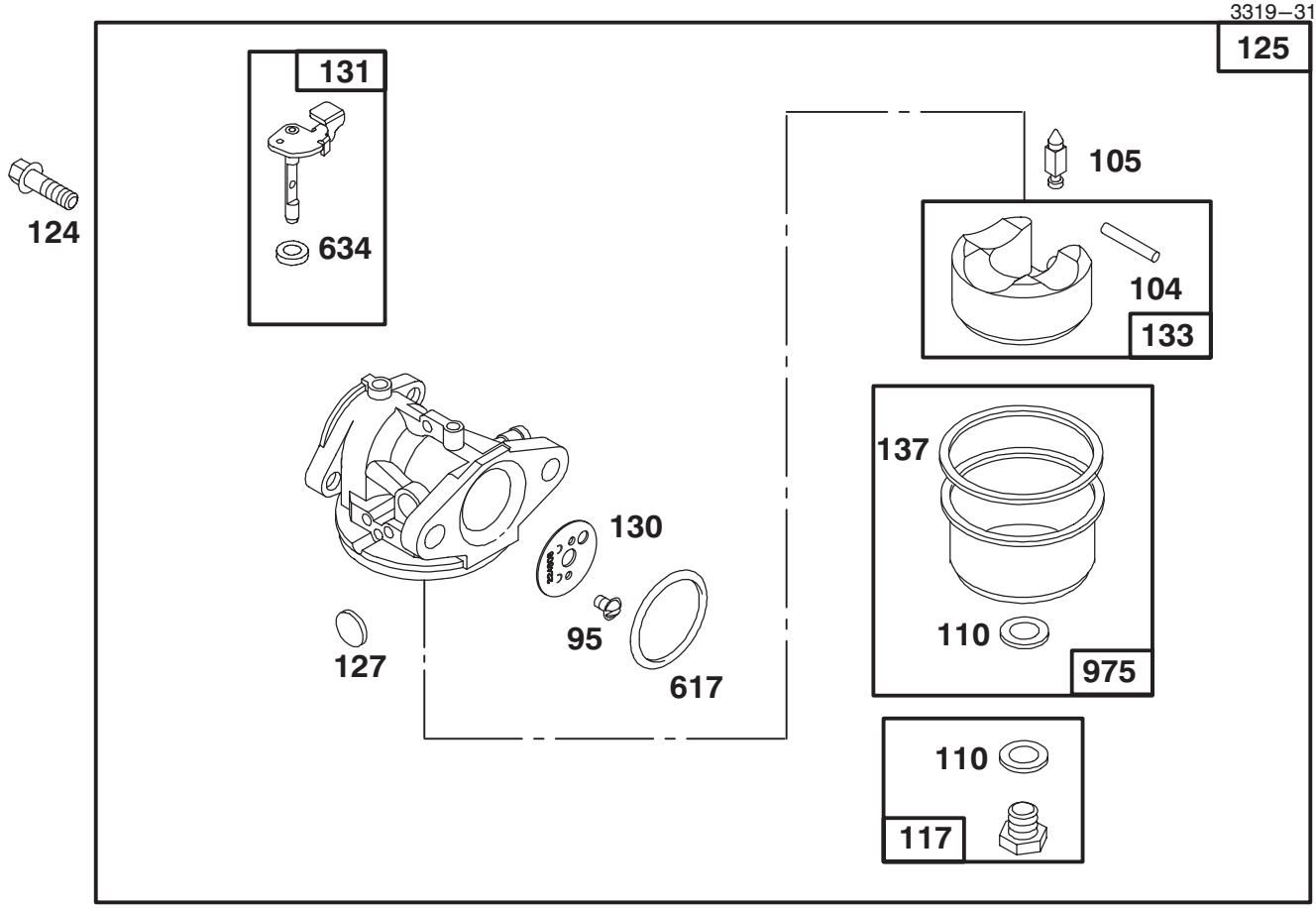
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12F802-0650—01

Ref. No.	Part No.	Description	No. Used
4	493279	Sump — Engine	1
★12	272198	Gasket — Crankcase	1
15	94880	Plug — Oil Drain	1
16	494546	Crankshaft	1
		Note: Order 94388 For Timing Gear Key.	1
★20	399781	Seal — Oil	1
22	94220	Screw — Hex. Head	1
		Note: 94612 Screw — Hex. Head (One (1) Used in Hole Nearest Breather)	1
24	222698	Key — Flywheel	1
25	493262	Piston Assy. (Standard)	1
	493385	Piston Assy. (.010” O.S.)	1
	493386	Piston Assy. (.020” O.S.)	1
	493387	Piston Assy. (.030” O.S.)	1
26	493261	Ring Set (Standard)	1
	493388	Ring Set (.010” O.S.)	1
	493389	Ring Set (.020” O.S.)	1
	493390	Ring Set (.030” O.S.)	1

Ref. No.	Part No.	Description	No. Used
27	26026	Lock — Piston Pin	1
28	298909	Pin — Piston (Standard)	1
	298908	Pin — Piston (.005” O.S.)	1
29	490566	Rod Assembly — Connecting	1
		Note: For Connecting Rod With .020” Undersize Crankpin Bearing — Order No. 490743.	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
741	262598	Gear — Timing	1

★ Included in Gasket Set—Part No. 497316.



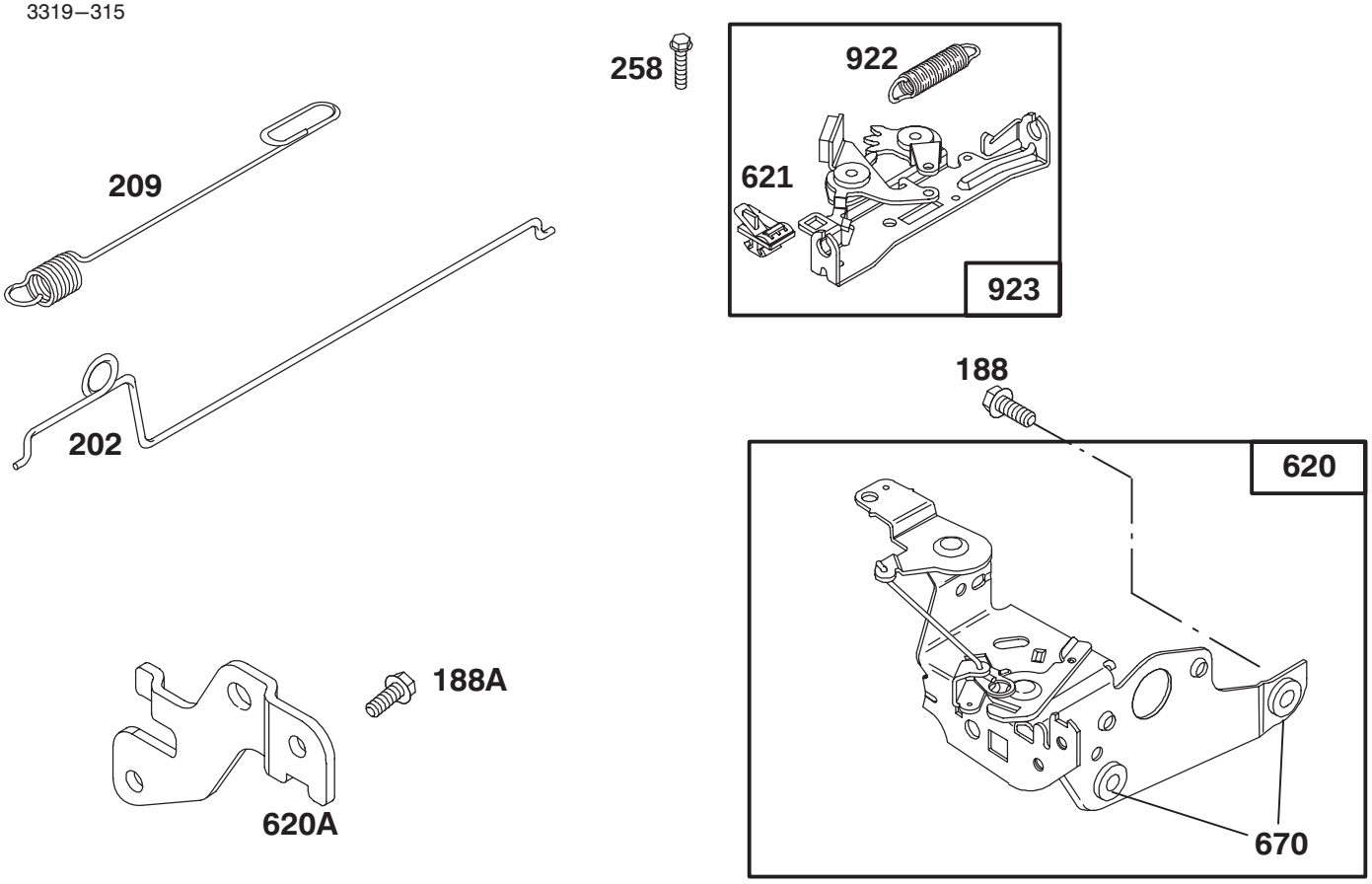
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12F802-0650–01

Ref. No.	Part No.	Description	No. Used
95	94098	Screw – Throttle Valve Mtg.	1
●104	231371	Pin – Float Hinge	1
●105	398188	Valve – Inlet (Includes Seat)	1
●◆110		Gasket–Sealing (Sold in Kit Only)	1
117	494870	Jet – Main (Std.)	1
		Note: 497315 Jet – Main (High Altitude)	1
124	94840	Screw – Carburetor Mtg.	1
125	498170	Carburetor	1

Ref. No.	Part No.	Description	No. Used
●127		Plug – Welch (Sold in Kit Only)	1
130	224908	Valve – Throttle	1
131	493267	Shaft – Throttle	1
133	398187	Float Assy. – Carburetor	1
●◆137		Gasket – Bowl (Sold in Kit Only)	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.

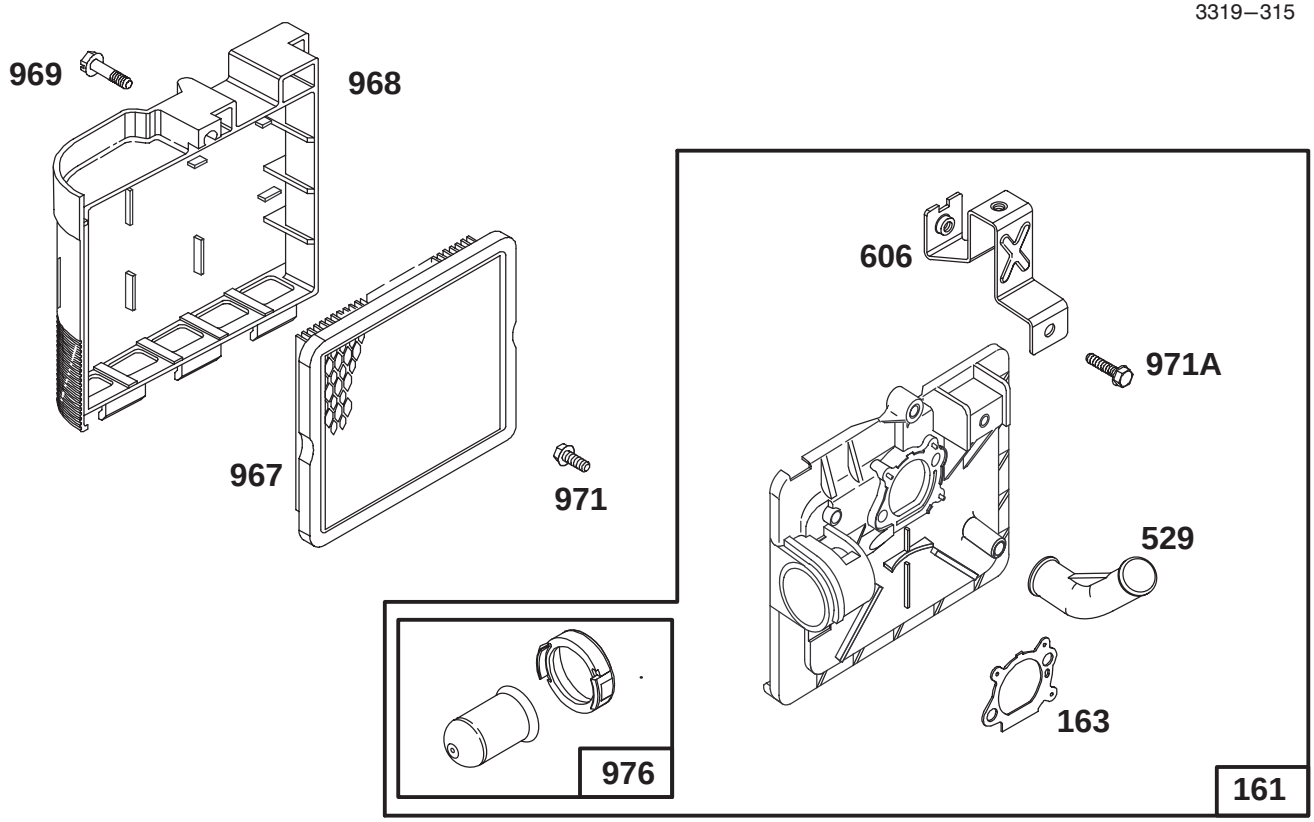


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12F802-0650–01

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

★ Included in Gasket Set–Part No. 497316.



Assemblies include all parts shown in frames.

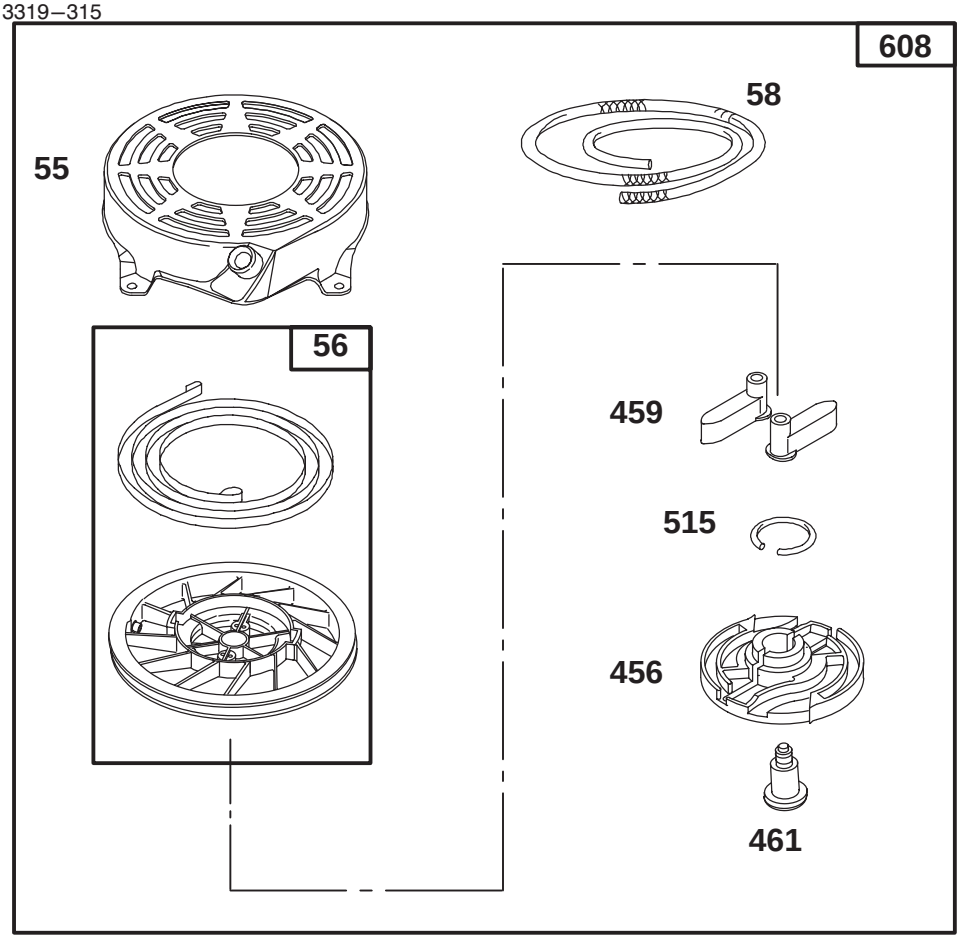
ENGINE BRIGGS & STRATTON MODEL 12F802-0650–01

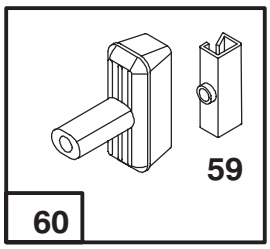
Ref. No.	Part No.	Description	No. Used
161	496116	Base – Air Cleaner	1
★163	272653	Gasket – Air Cleaner	1
529	281299	Grommet – Breather	1
606	224815	Strap – Bracket	1
967	491588	Filter – Air	1

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

★Included in Gasket Set–Part No. 497316.

3319–315



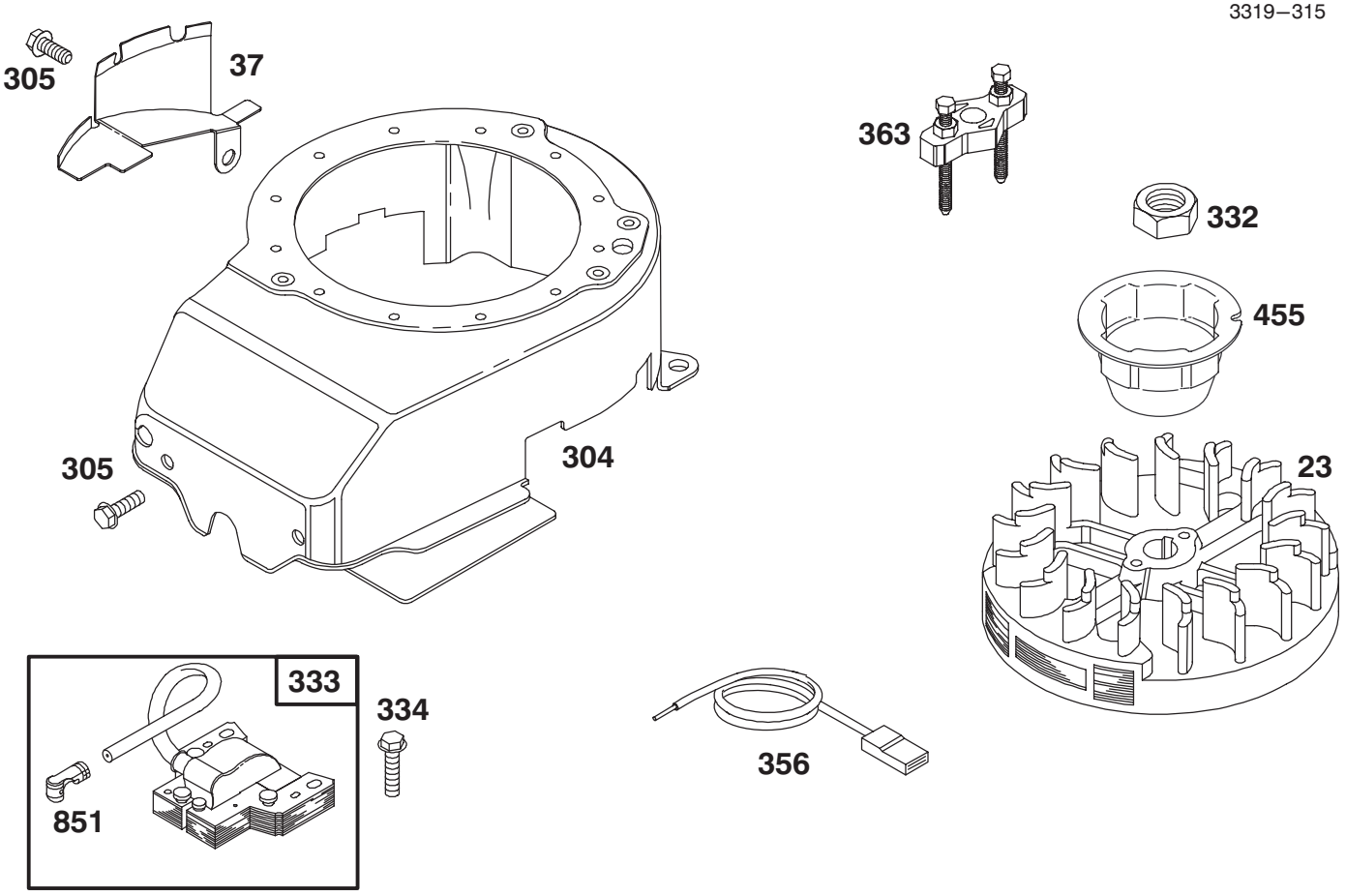


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12F802-0650–01

Ref. No.	Part No.	Description	No. Used
55	497440	Housing – Rewind Starter	1
56	498144	Pulley – Rewind Starter	1
58	280399	Rope – Rewind Starter (Cut to Required Length)	1
59	224467	Insert – Starter Grip	1
60	493926	Handle – Rewind Starter	1
456	281503	Retainer – Rewind Starter	1
459	281505	Pawl – Starter	1

Ref. No.	Part No.	Description	No. Used
461	94943	Pin – Starter	1
515	263073	Spring – Torsion	1
608	497680	Starter Assy. – Rewind	1
		Includes:	
		94904 Screw – Hex. Head	1
		94908 Nut – Hex.	1

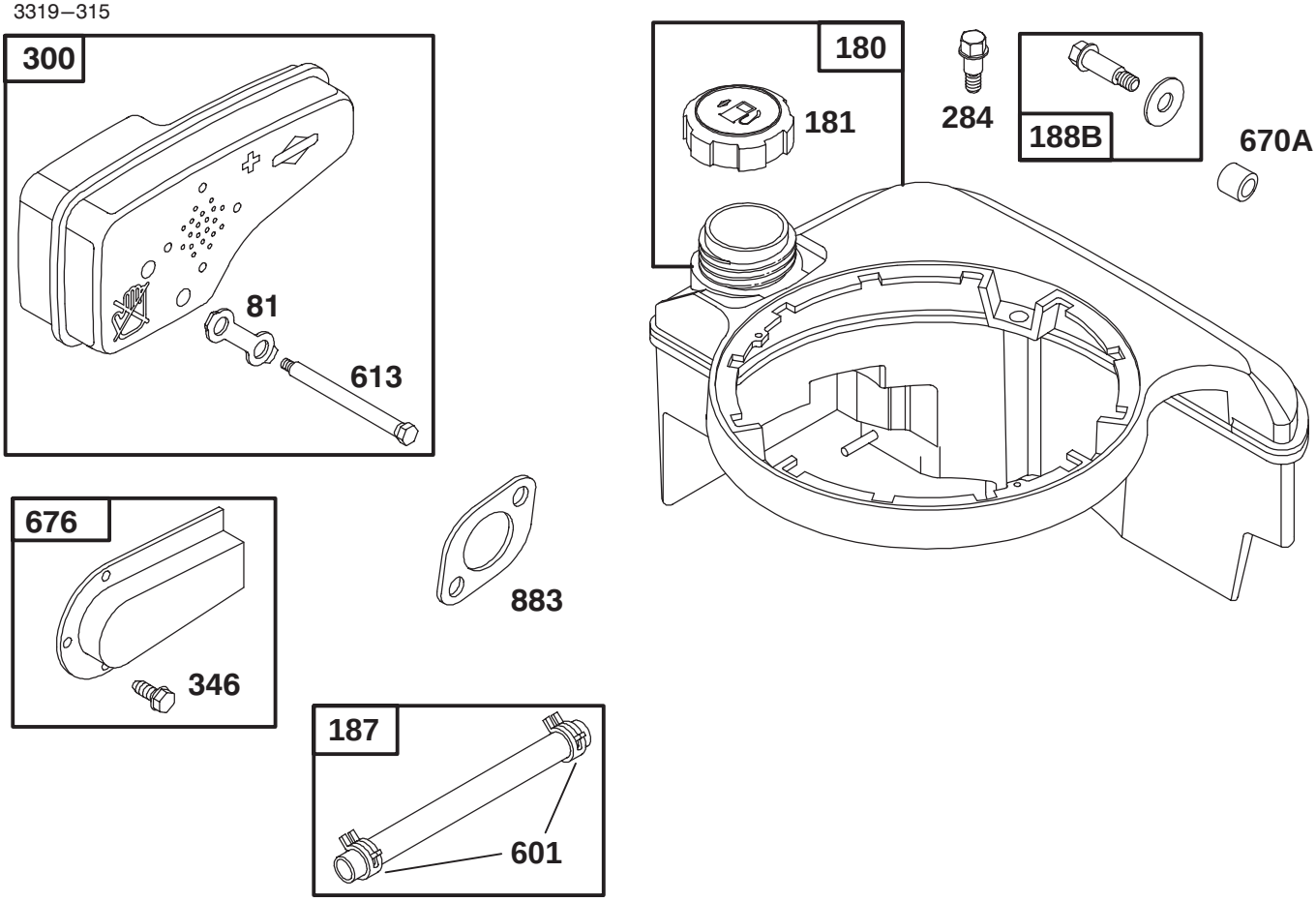


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12F802-0650–01

Ref. No.	Part No.	Description	No. Used
23	492177	Flywheel	1
37	224511	Guard – Flywheel	1
304	493293	Housing – Blower	1
305	94744	Screw – Sem	1
332	94877	Nut – Flywheel	1
333	802574	Armature – Magneto	1

Ref. No.	Part No.	Description	No. Used
334	94731	Screw – Sem	1
356	398808	Wire – Ground	1
363	19069	Flywheel Puller	1
455	225121	Cup – Starter	1
851	493880	Terminal – Ignition Cable	1

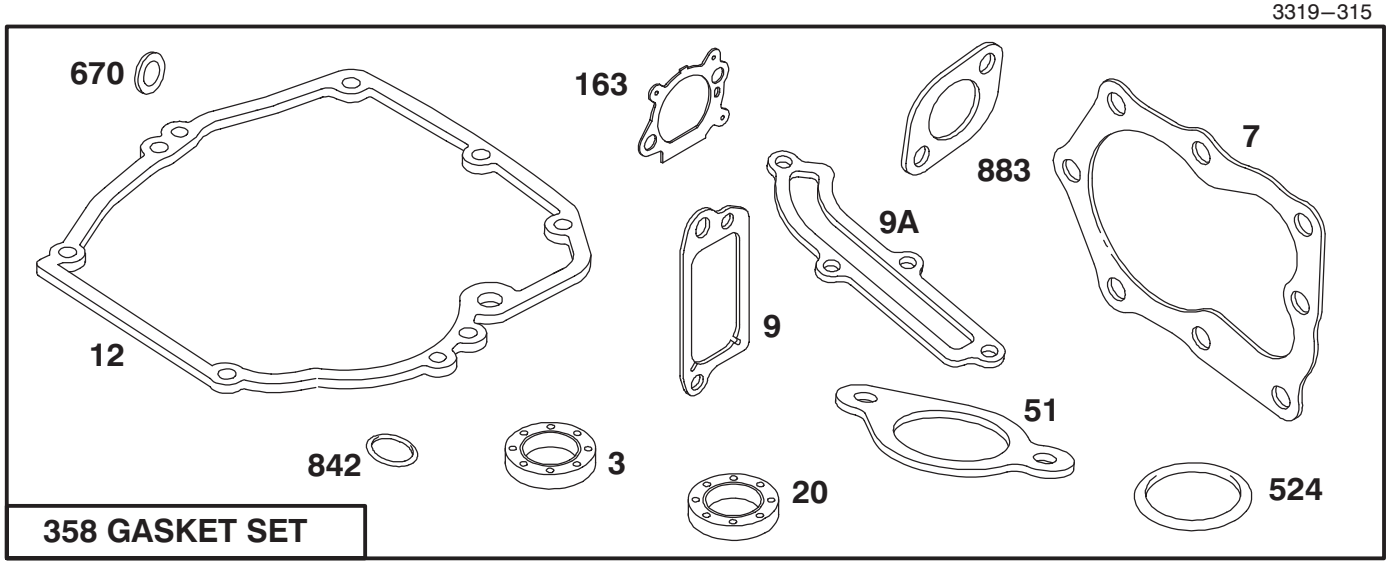


Assemblies include all parts shown in frames.

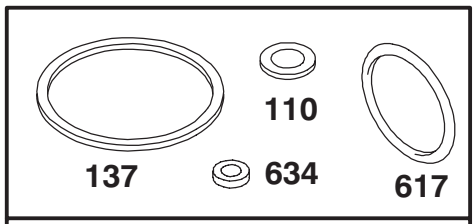
ENGINE BRIGGS & STRATTON MODEL 12F802-0650–01

Ref. No.	Part No.	Description	No. Used
81	223664	Lock – Muffler Screw	1
180	495224	Tank Assembly – Fuel	1
181	397974	Cap Assy. – Fuel	1
187	492790	Hose – Fuel	1
188B	398540	Screw – Tank Mounting	1
284	94511	Screw – Shoulder	1
300	496106	Muffler – Exhaust	1

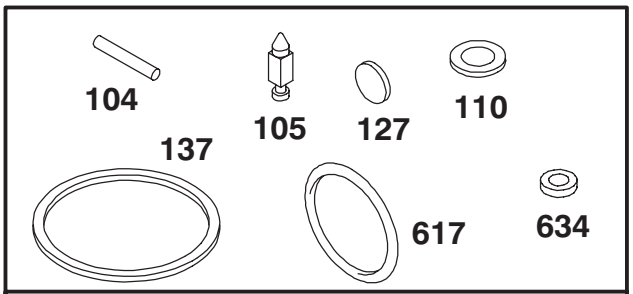
Ref. No.	Part No.	Description	No. Used
346	94896	Screw – Hex. Head	1
601	93053	Clamp – Hose	1
613	94231	Screw – Shoulder	1
670A	280512	Spacer – Fuel Tank	1
676	493871	Deflector – Muffler	1
★883	272253	Gasket – Exhaust	1



358 GASKET SET



977 CARBURETOR GASKET SET



121 CARBURETOR KIT

Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 12F802-0650–01

Ref. No.	Part No.	Description	No. Used
★3	299819	Seal – Oil	1
★7	272916	Gasket – Cylinder Hd.	1
★9	272481	Gasket – Breather	1
★9A	272238	Gasket – Baffle Plate	1
★12	272198	Gasket – Crankcase	1
★20	399781	Seal – Oil	1
★51	272199	Gasket – Intake Elbow	1
●104	231371	Pin – Float Hinge	1
●105	398188	Valve – Inlet (Includes Seat)	1
●◆110		Gasket – Sealing (Sold in Kit Only)	1
121	498260	Carburetor Kit	1
●127		Plug – Welch (Sold in Kit Only)	1

Ref. No.	Part No.	Description	No. Used
●◆137		Gasket – Bowl (Sold in Kit Only)	1
★163	272653	Gasket – Air Cleaner	1
358	497316	Gasket Set	1
★524	280393	Seal – Filler Tube	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
★883	272253	Gasket – Exhaust	1
977	498261	Gasket Set – Carburetor	1

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

★ Included in Gasket Set–Part No. 497316.

Toro Part Number Index

Part No.	Page No.	Ref. No.	Qty.	Description
614637	1	20	4	Bracket–Wheel Height Adj
614650	1	13	4	Bolt–Shoulder
614672	1	18	4	Bolt–Shoulder
614687	1	17	2	Spring Arm–Front
16–9259	1	27	1	Deck–21in Steel
16–9269	1	1	1	Cover–Recycling
19–4050	3	11	2	Knob
26–0670	2	20	1	Bolt–Blade
39–5770	2	29	1	Decal–Danger
40–1940	1	15	4	Washer
62–7540	2	16	1	Retainer–Blade
82–8550	2	10	1	Shield–Muffler
85–7060	1	4	1	Decal–Danger
86–9671	3	2	1	Guide–Rope
92–1005	1	11	2	ASM–Spring Arm
92–1008	1	16	4	Knob–Height Adjust
92–1624	2	22	3	Screw–Engine
92–2260	3	10	2	Screw–Handle
92–2269	3	9	1	Screw–Handle
92–2289	2	9	1	Plate–Logo
92–2914	1	9	1	Decal–HOC R.h.
92–2915	1	8	1	Decal–HOC L.h.
92–3134	3	5	1	Bar–Control
92–4881	1	26	2	Plate–Height Adjust
92–4890	1	21	4	Washer
92–5412	3	6	1	Stop–Pivot
92–8647	1	14	1	Shield–Trailing
92–9591	1	19	2	ASM–Wheel
92–9592	1	12	2	ASM–Wheel
93–0216	1	25	1	Kicker–Front
93–0217	2	14	1	Kicker–Rear
93–0218	2	21	1	Kicker–Side
93–0219	2	18	1	Accelerator
93–0222	1	24	1	Baffle–Front
93–0223	2	15	1	Baffle–Rear
93–0231	1	23	1	Screw–Plastite
93–0231	2	4	1	Screw–Plastite
93–0235	1	10	1	ASM
93–0236	1	5	1	ASM
93–0237	3	4	1	Handle–Upper
93–0238	3	12	1	Handle–Lower
93–0241	2	17	1	Blade–Steel Deck
93–0242	1	2	4	Grommet
93–0243	2	5	1	Shroud–Qt Wedge
93–0245	2	28	1	Decal–Deck
93–0248	1	7	1	Decal–Warning
93–0252	3	8	1	Cable–Throttle
93–0253	3	7	1	Cable–Brake
93–0262	1	6	1	Decal–Warning
93–8470	2	2	1	Screw–Clamp (P/W Eng)
95–1652	2	25	1	Decal–Recoil
2210–249	2	3	1	Clamp–Casing (P/W Eng)
2210–316	2	6	1	Rope–Stop (P/W Eng)
322–3	2	12	4	Screw–HH
3253–22	2	19	1	Washer–Lock
3290–378	3	13	1	Tie–Cable
3296–2	1	28	1	Nut Lock
3296–29	2	13	4	Nut–Lock
3296–39	1	22	4	Nut–Lock
3296–73	3	1	2	Nut–Lock
32105–27	1	29	1	Screw–HWH
32144–4	1	3	4	Screw–TAP
32144–73	2	11	3	Screw–HWHTF
32144–111	2	1	2	Screw – PPH
32144–121	2	8	2	Screw

*Not Illustrated