Form No. 3325-515

SR–21P

Recycler[r] Mower

Model No. 20030—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.

© The TORO Company — 2001
All Rights Reserved

Contents

Description	Page
Housing, Handle Bracket, and wheel Assembly	3
Engine and Blade Assembly	4
Handle and Control Assembly	5
Cylinder Assembly	6
Crankshaft Assembly	7
Carburetor Assembly	8
Governor Assembly	9
Air Cleaner Assembly	10
Muffler and Fuel Tank Assembly	11
Blower Housing Assembly	12
Starter Assembly	13
Gasket Assembly	14

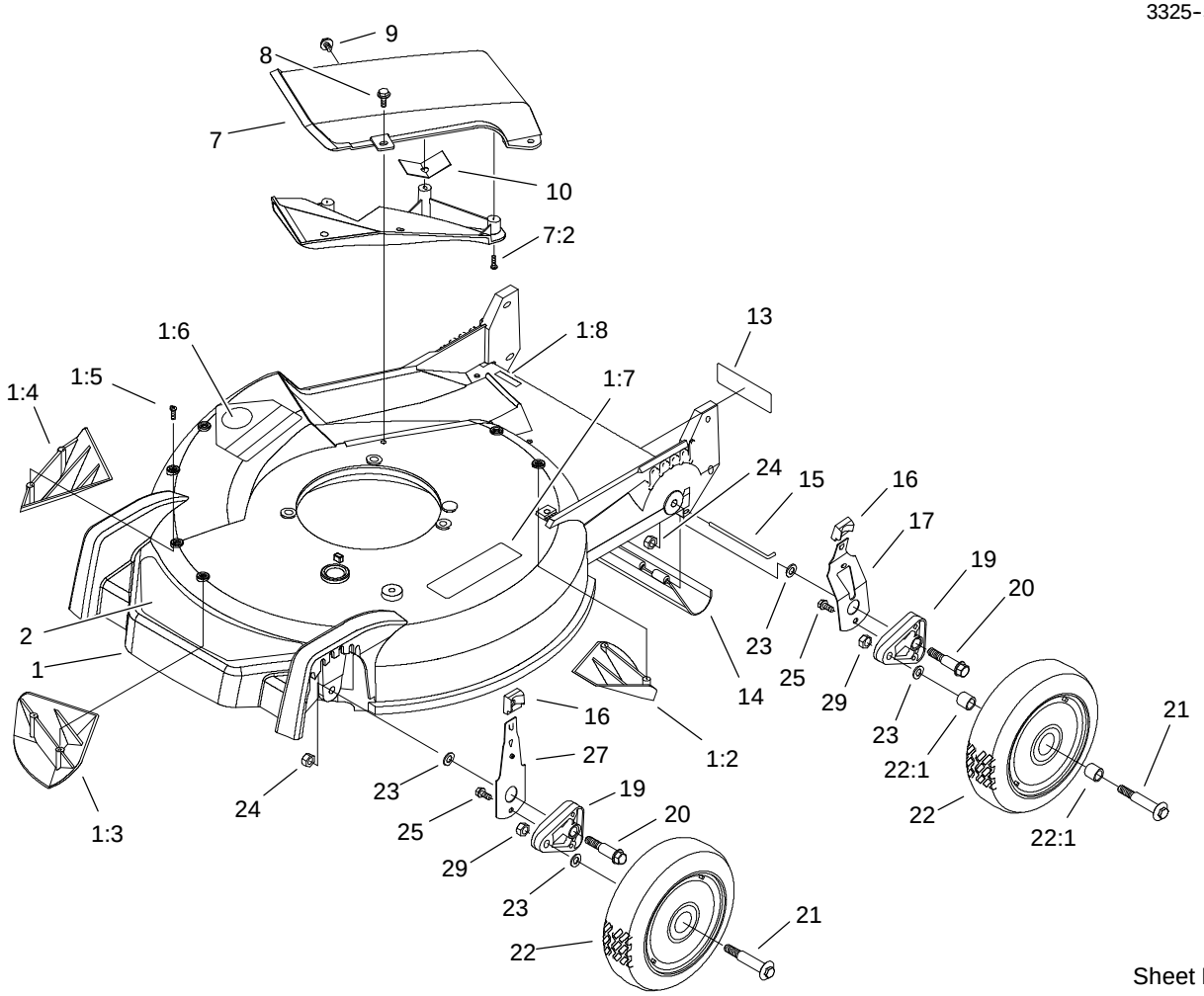
Accessories

Description	Model / Part No.
Recycler Side Discharge Kit	59197
Recycler Bagging Kit	59192

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



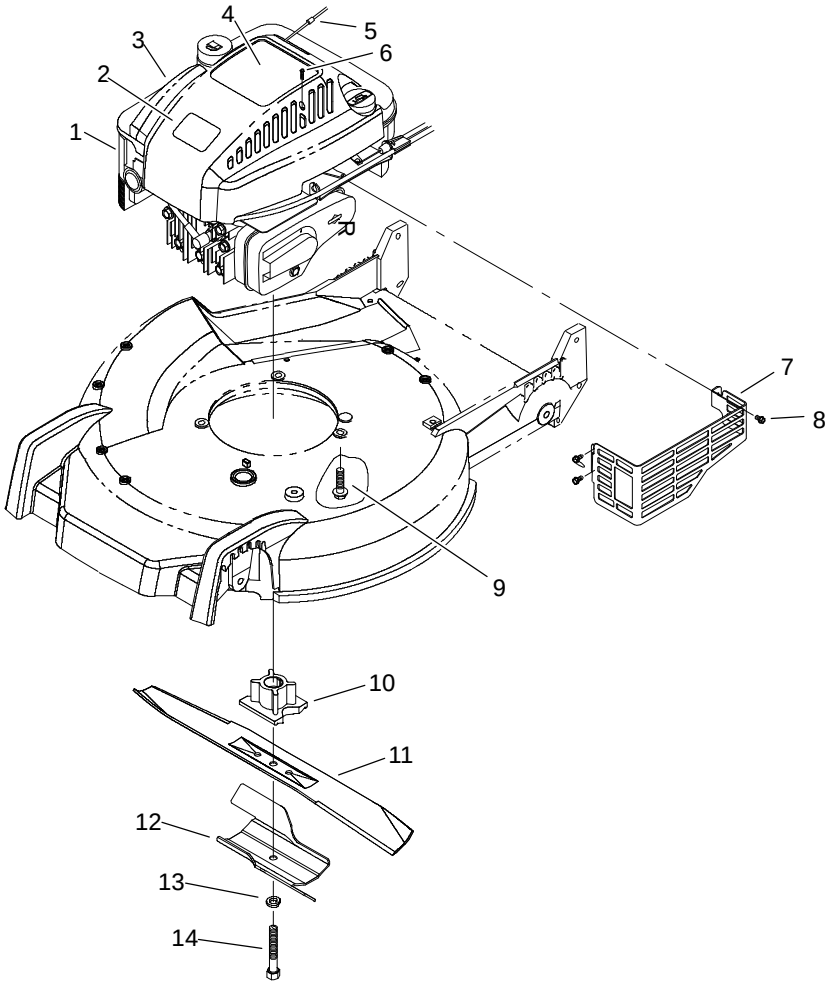
Sheet No.:2

Housing, Handle Bracket, and 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
7	100-8775	1	Recycler Cover ASM
7:2	32144-111	5	Screw-PPH
8	46-6811	3	Screw-HWH
9	46-6810	1	Screw & Washer ASM
10	83-4750	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 ASM
*18	71-0561	1	RH Spring Arm ASM
19	66-0580	4	Arm-Pivot, Front
20	66-0560	4	Bolt-Shoulder
21	92-1057	4	Bolt-Shoulder
22	98-7130	4	Wheel ASM
22:1	27-6250	2	Bushing
23	40-1940	8	Washer
24	3296-6	4	Nut-Lock, NI

Ref. No.	Part No.	Qty.	Description
25	32144-85	4	Screw-HH
27	66-0541	2	Front Spring Arm ASM
29	603773	4	Nut

* Not illustrated



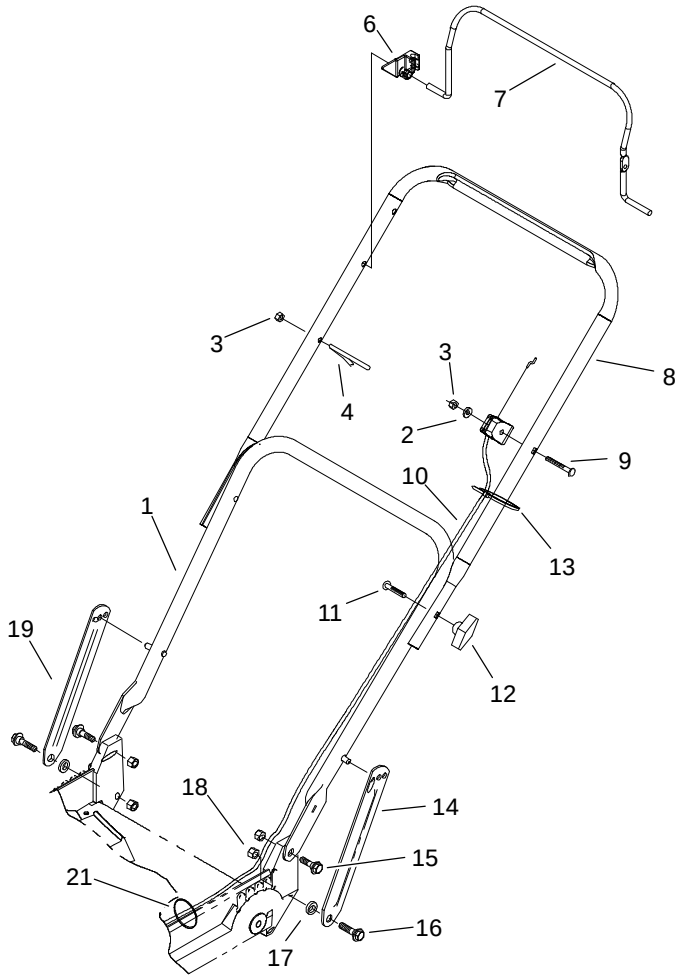
Sheet No.:3

Engine and Blade Assembly

Ref. No.	Part No.	Qty.	Description
I 1		1	Engine-Briggs and Stratton, 12H802-1776-B1
2	98-3206	1	Nameplate-Toro
3	93-0243	1	Shroud-Wedge, Quantum
4	99-6013	1	Decal - Recoil
5	2210-316	1	Stop-Rope
6	32144-121	2	Screw-PPH
7	104-7577-03	1	Shield-Muffler
8	32144-1	3	Screw-Taptite
9	32144-102	3	Screw-HWH
10	104-1007	1	Retainer-Blade
11	93-4106-03	1	Blade-Recycler
12	94-1608-03	1	Accelerator-Blade
13	3253-22	1	Washer-Lock
14	95-1748	1	Screw-Blade

Ref. No.	Part No.	Qty.	Description

I Not serviced

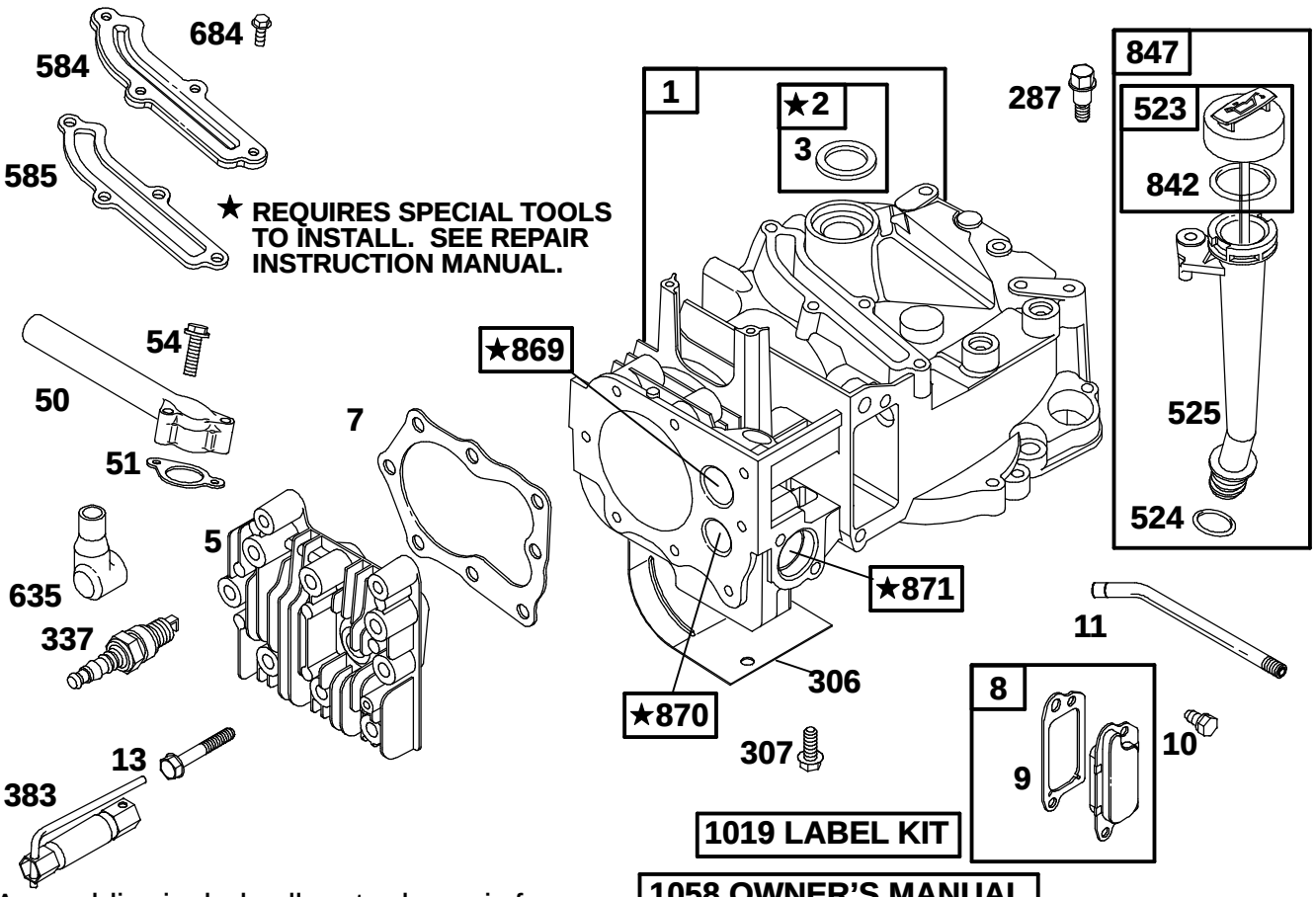


Sheet No.:4

Handle and Control 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-Handle, LH
15	27-7211	2	Screw-Shoulder
16	27-7210	2	Screw-Shoulder
17	3-3287	2	Spacer-Latch, Handle
18	3296-72	4	Nut-Lock, NI
19	84-8401-03	1	Latch-Handle, RH
21	100-2894	1	Tie-Cable

Ref. No.	Part No.	Qty.	Description



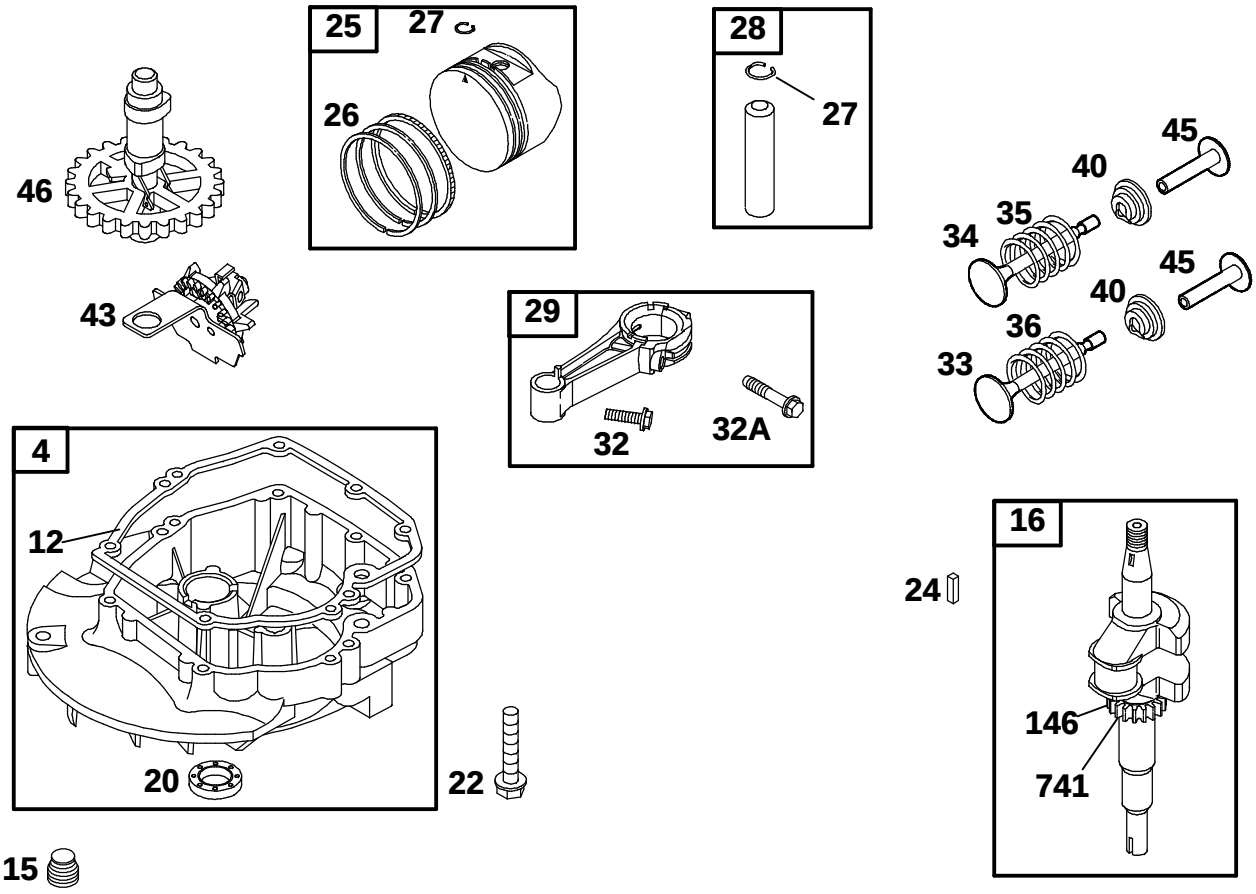
Assemblies include all parts shown in frames.

Cylinder Assembly
Briggs and Stratton Model 12H802-1776-B1

Ref. No.	Part No.	Qty.	Description
1	493260	1	Cylinder Assembly
2	399269	1	Bearing/Seal Kit (Magneto Side)
K3	299819	1	Oil Seal, MagnetoSide
5	691160	1	Cylinder Head
ΔK7	692249	1	Cylinder Head Gasket
8	695250	1	Breather Assembly
ΔK9	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
K51	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
K524	692296	1	Dipstick Tube Seal

Ref. No.	Part No.	Qty.	Description
525	495265	1	Dipstick Tube
584	692342	1	Breather Passage Cover
K585	691879	1	Breather Passage Gasket
635	66538	1	Sparkplug Boot
684	690345	1	Screw (Breather Passage Cover)
K842	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.
K Included in Engine Gasket Set-Ref. 358.

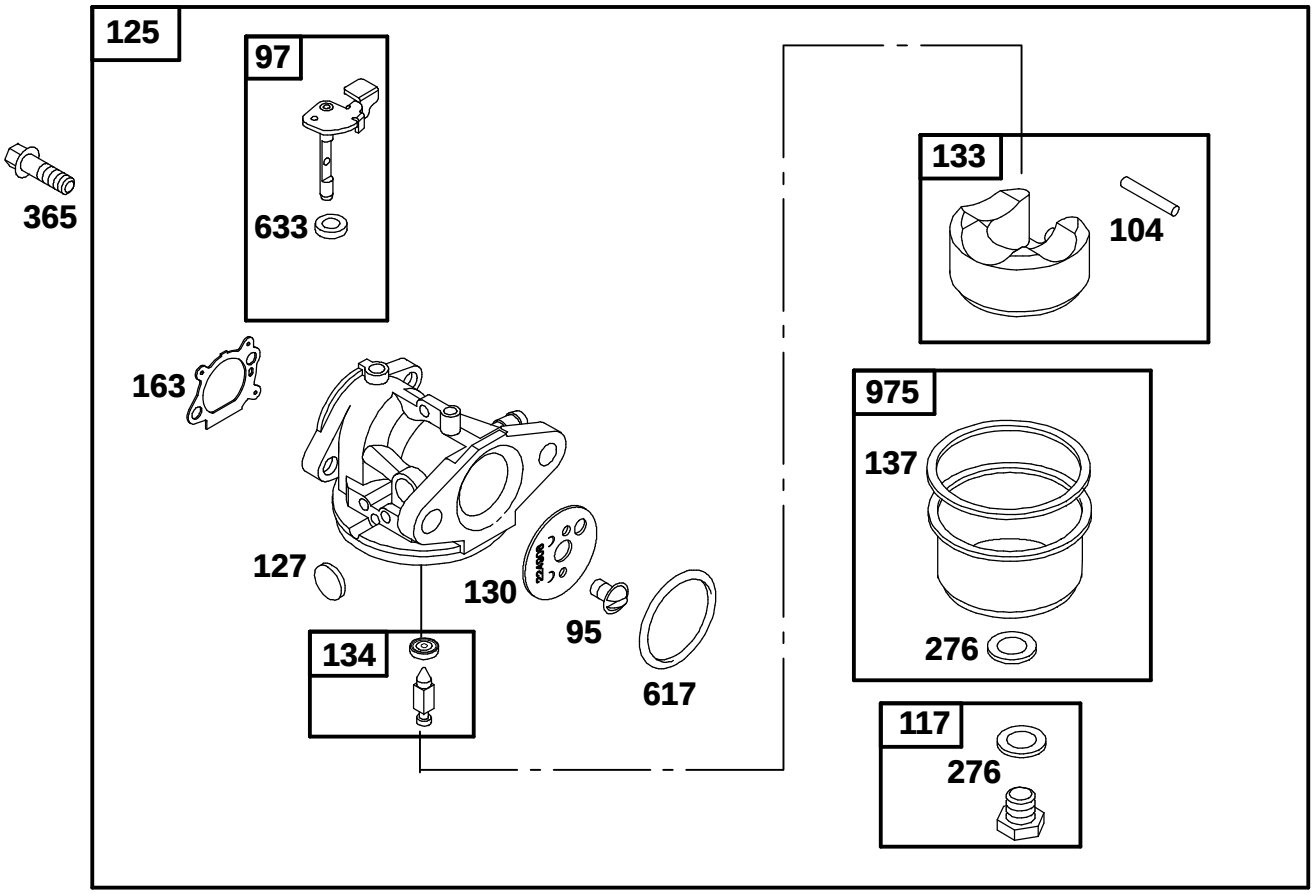


Assemblies include all parts shown in frames.

Crankshaft Assembly
Briggs and Stratton Model 12H802-1776-B1

Ref. No.	Part No.	Qty.	Description
4	493279	1	Engine Sump
K12	692232	1	Crankcase Gasket
15	691680	1	Oil Drain Plug
16	696009	1	Crankshaft
K20	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.)
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

K Included in Engine Gasket Set-Ref. 358.



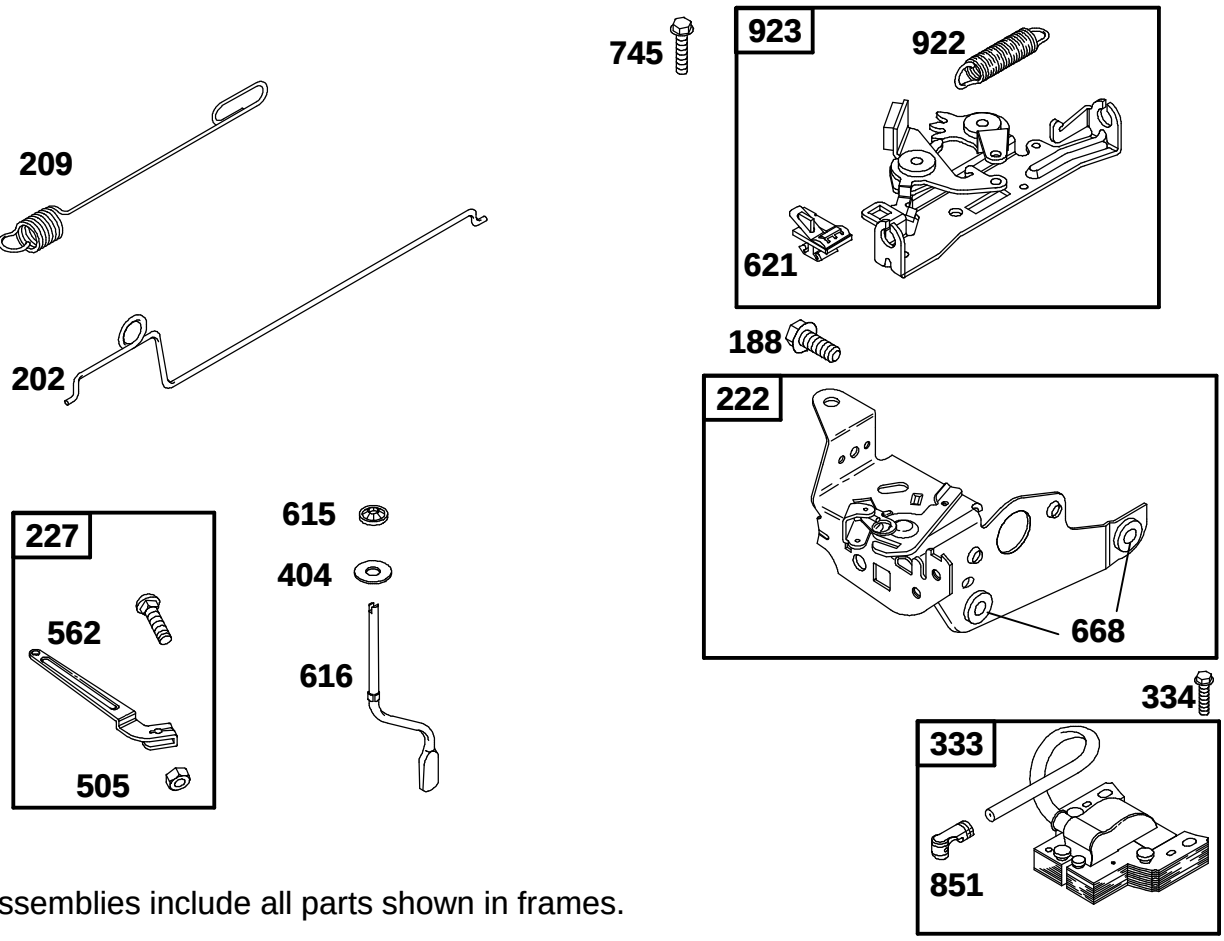
Assemblies include all parts shown in frames.

Carburetor Assembly
Briggs and Stratton Model 12H802-1776-B1

Ref. No.	Part No.	Qty.	Description
95	691636	1	Screw (Throttle Valve)
97	493267	1	Throttle Shaft
D104	691242	1	Float Hinge Pin
117	494870	1	Main Jet (Standard)
	497315	1	Main Jet (High Altitude)
125	498170	1	Carburetor
D127	694468	1	Welch Plug
130	691203	1	Throttle Valve
133	398187	1	Carburetor Float
D134	398188	1	Needle/Seat Kit
D z 137	693981	1	Float Bowl Gasket
KD z 163	272653	1	Air Cleaner Gasket
D276	271716	1	Sealing Washer
365	692524	1	Screw (Carburetor)
D z 617	270344	1	O Ring Seal (Intake Manifold)
D z 633	691321	1	Choke/Throttle Shaft Seal
975	493640	1	Float Bowl

Ref. No.	Part No.	Qty.	Description

D Included in Carburetor Overhaul Kit-Ref. 121.
K Included in Engine Gasket Set-Ref. 358.
z Included in Carburetor Gasket Set-Ref. 977.



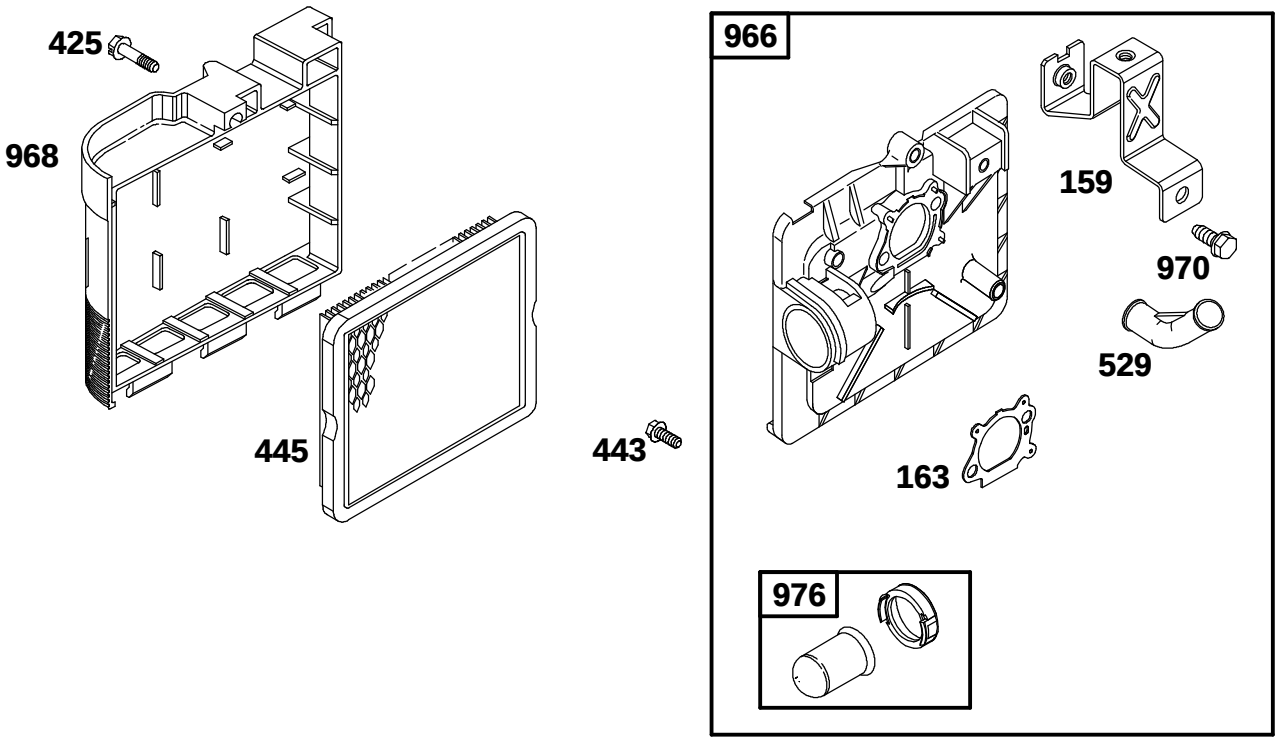
Assemblies include all parts shown in frames.

Governor Assembly
Briggs and 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

Ref. No.	Part No.	Qty.	Description
K668	493823	1	Spacer (Includes 2)
745	691648	1	Screw (Brake)
851	493880	1	Sparkplug Terminal
922	691831	1	Brake Spring
923	691994	1	Brake

K Included in Engine Gasket Set-Ref. 358.



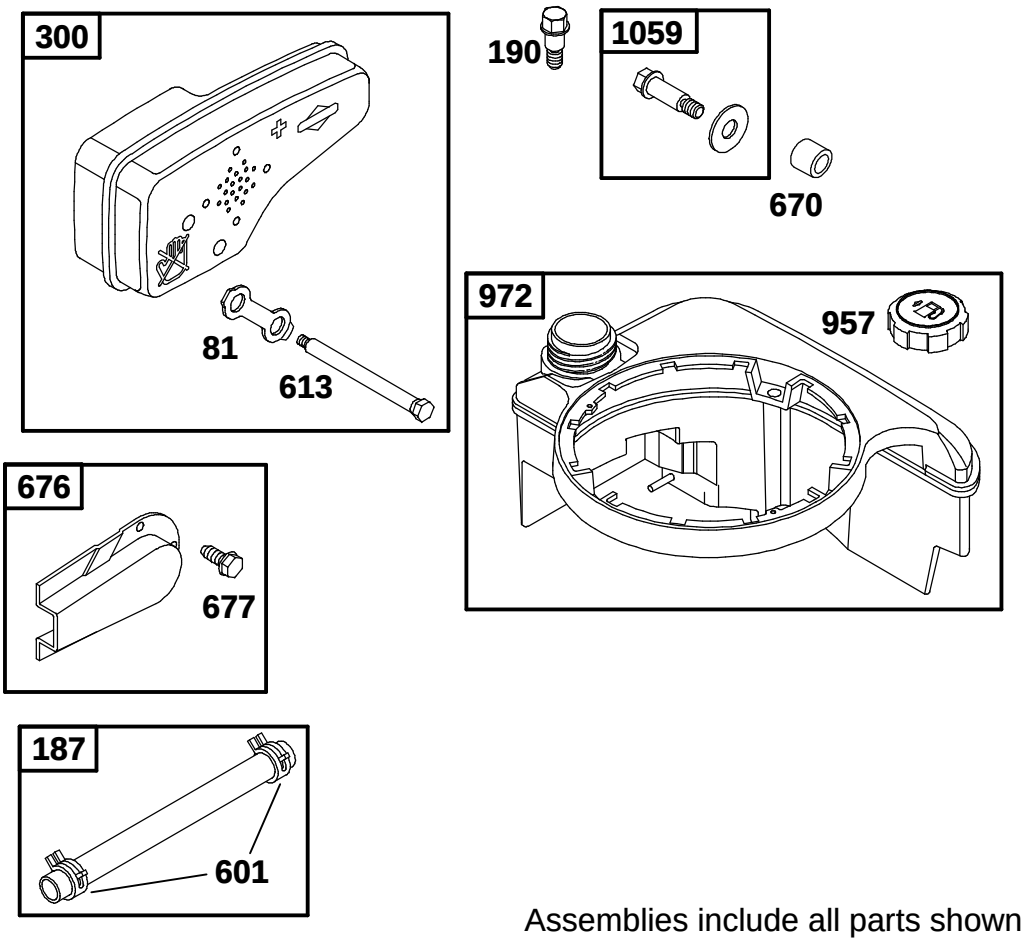
Assemblies include all parts shown in frames.

Air Cleaner Assembly
Briggs and Stratton Model 12H802-1776-B1

Ref. No.	Part No.	Qty.	Description
159	691753	1	Air Cleaner Primer Bracket
KD z 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

D Included in Carburetor Overhaul Kit-Ref. 121.
K Included in Engine Gasket Set-Ref. 358.
z Included in Carburetor Gasket Set-Ref. 977.

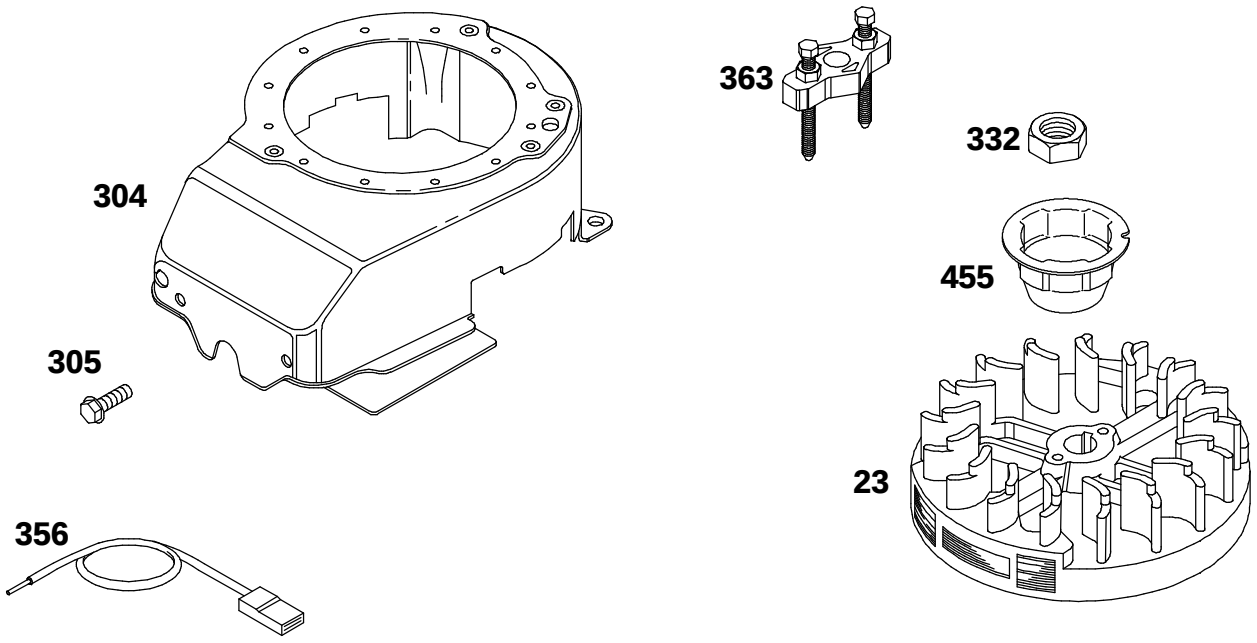


Assemblies include all parts shown in frames.

Muffler and Fuel Tank Assembly
Briggs and 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



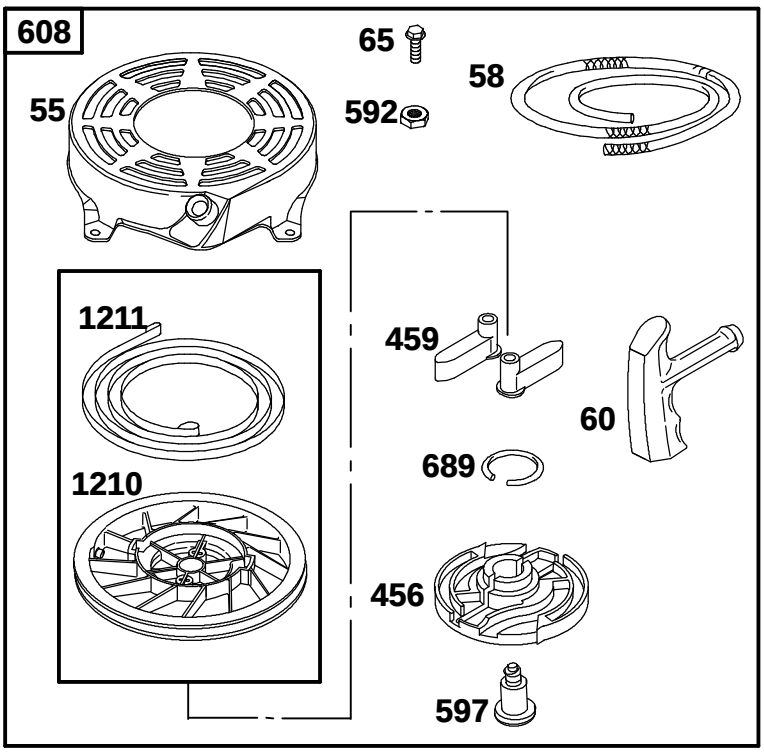
1036 EMISSIONS LABEL

Assemblies include all parts shown in frames.

Blower Housing Assembly
Briggs and 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

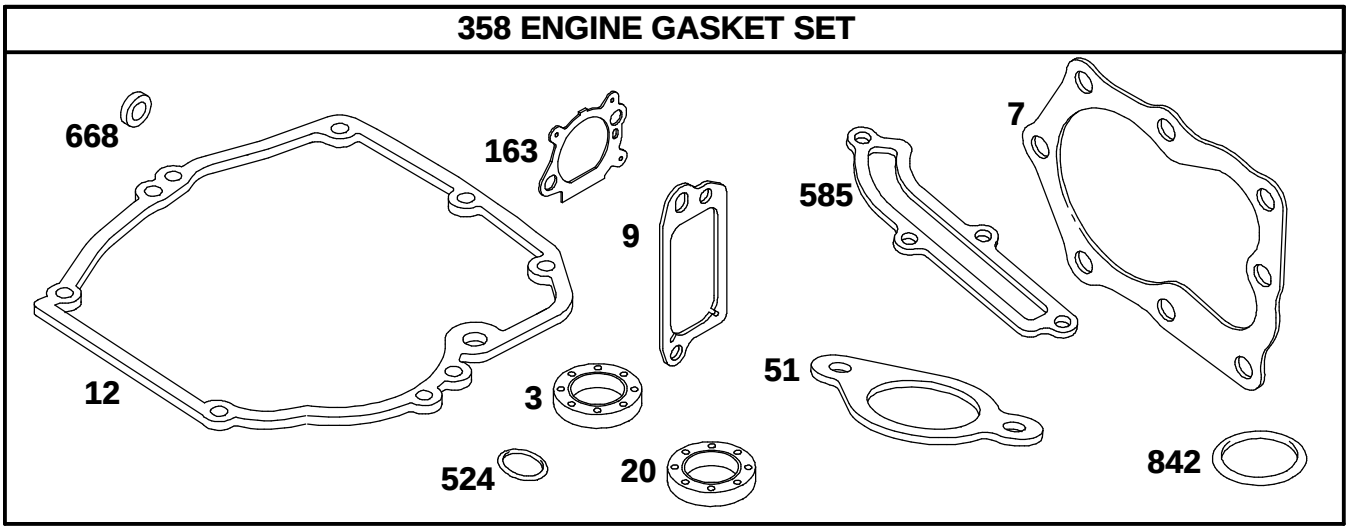


Assemblies include all parts shown in frames.

Starter Assembly
Briggs and 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



Assemblies include all parts shown in frames.

Gasket Assembly
Briggs and Stratton Model 12H802-1776-B1

Ref. No.	Part No.	Qty.	Description
K3	299819	1	Oil Seal (Magneto Side)
ΔK7	692249	1	Cylinder Head Gasket
ΔK9	272481	1	Breather Gasket
K12	692232	1	Crankcase Gasket
K20	399781	1	Oil Seal (PTO Side)
K51	272199	1	Intake Gasket
D104	691242	1	Float Hinge Pin
121	498260	1	Carburetor Overhaul Kit
D127	694468	1	Welch Plug
D134	398188	1	Needle/Seat Kit
D z 137	693981	1	Float Bowl Gasket
KD z 163	272653	1	Air Cleaner Gasket
D276	271716	1	Sealing Washer
358	497316	1	Engine Gasket Set
K524	692296	1	Dipstick Tube Seal
K585	691879	1	Breather Passage Gasket
D z 617	270344	1	O Ring Seal (Intake Manifold)
D z 633	691321	1	Choke Throttle Shaft Seal

Ref. No.	Part No.	Qty.	Description
K668	493823	1	Spacer (Includes 2)
K842	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.
K Included in Engine Gasket Set-Ref. 358.
D Included in Carburetor Overhaul Kit-Ref. 121.
z Included in Carburetor Gasket Set-Ref. 977.

Maintenance Record

Date								


TORO®