Form Number 3322-938 Rev B

Super Recycler® Mower, SR-21SE

Model No. 20045 - 200000001 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 - 2005
All Rights Reserved

Register your product at www.Toro.com

Contents

Description	Page
Housing, Handle Bracket and Wheel Assembly	3
Gear Case Assembly	4
Engine and Blade Assembly	5
Gear Case and Wheel Assembly	6
Handle and Control Assembly	7
Electrical Starter Component Assembly	8
Cylinder Assembly Briggs and Stratton 12h807-1775-E1	9
Crankshaft Assembly Briggs and Stratton 12h807-1775-E1	10
Carburetor Assembly Briggs and Stratton 12h807-1775-E1	11
Governor Assembly Briggs and Stratton 12h807-1775-E1	12
Flywheel and Muffler Assembly Briggs and Stratton 12h807-1775-E1	13
Fuel Tank and Rewind Starter Assembly Briggs and Stratton 12h807-1775-E1	14
Starter Motor Assembly Briggs and Stratton 12h807-1775-E1	15
Gasket Sets and Carburetor Kit Assemblies Briggs and Stratton 12h807-1775-E1	16

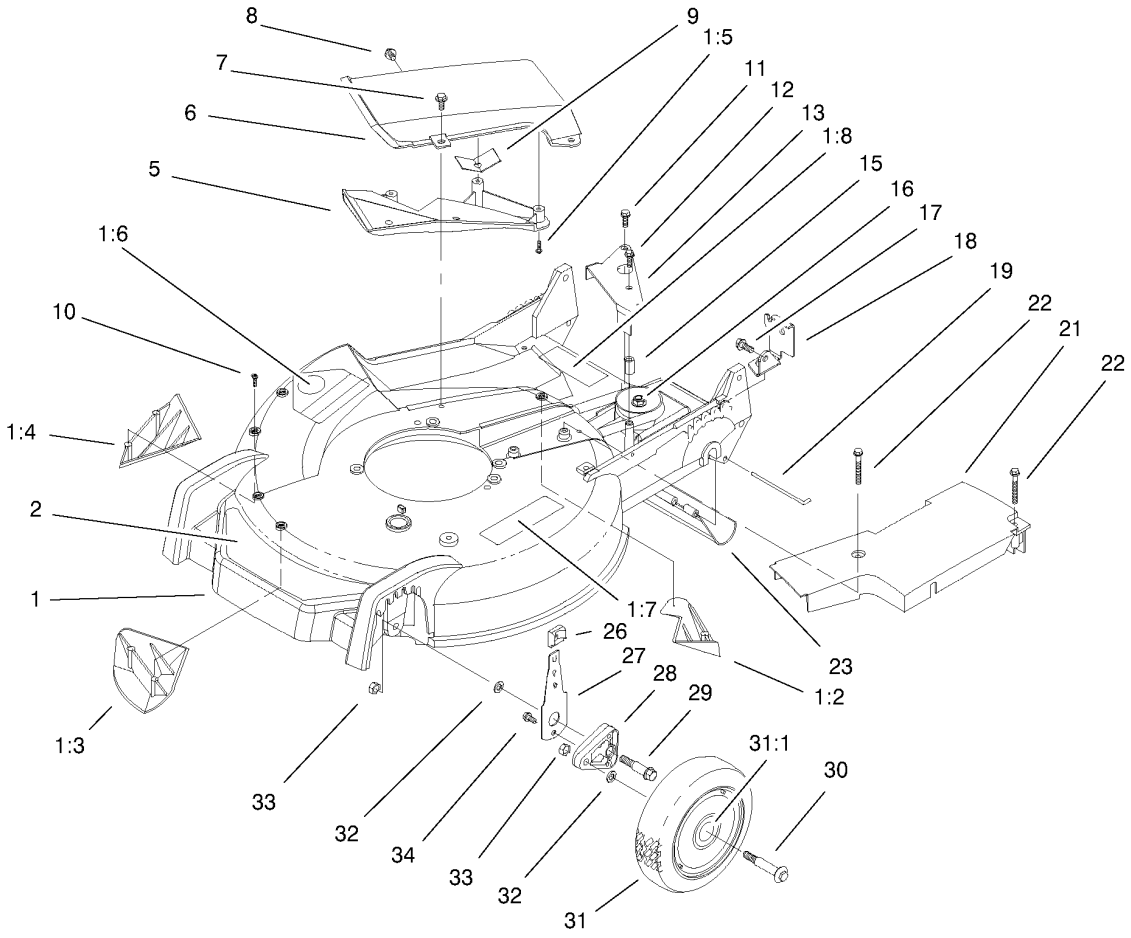
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR. . . . . as required
ASM. . . . . assembly
BBC. . . . . blade brake clutch
CARR. . . . . carriage
DEG. . . . . degrees
EXT. . . . . external
FH. . . . . flat head
GA. . . . . gauge
HF. . . . . hex flange
HH. . . . . hex head
HHF. . . . . hex head flange
HHFTF. . . . . hex head flange thread forming
HJ. . . . . hex jam
HLH. . . . . hex lag head
HOC. . . . . height-of-cut
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
NPTF. . . . . national pipe thread fine
PFH. . . . . phillips flat head
PPH. . . . . phillips pan head
PPHTF. . . . . phillips pan head thread forming
PRH. . . . . phillips round head
PTH. . . . . phillips truss head
PTO. . . . . power-take-off
RH. . . . . right hand
ROPS. . . . . roll-over-protection-system
SFH. . . . . slotted fillister head
SHH. . . . . slotted hex head
SHWH. . . . . slotted hex washer head
SPH. . . . . slotted pan head
SQH. . . . . square head
SRH. . . . . slotted round head
STD. . . . . standard
TAP. . . . . self tapping
TTH. . . . . torx truss head

Footnotes

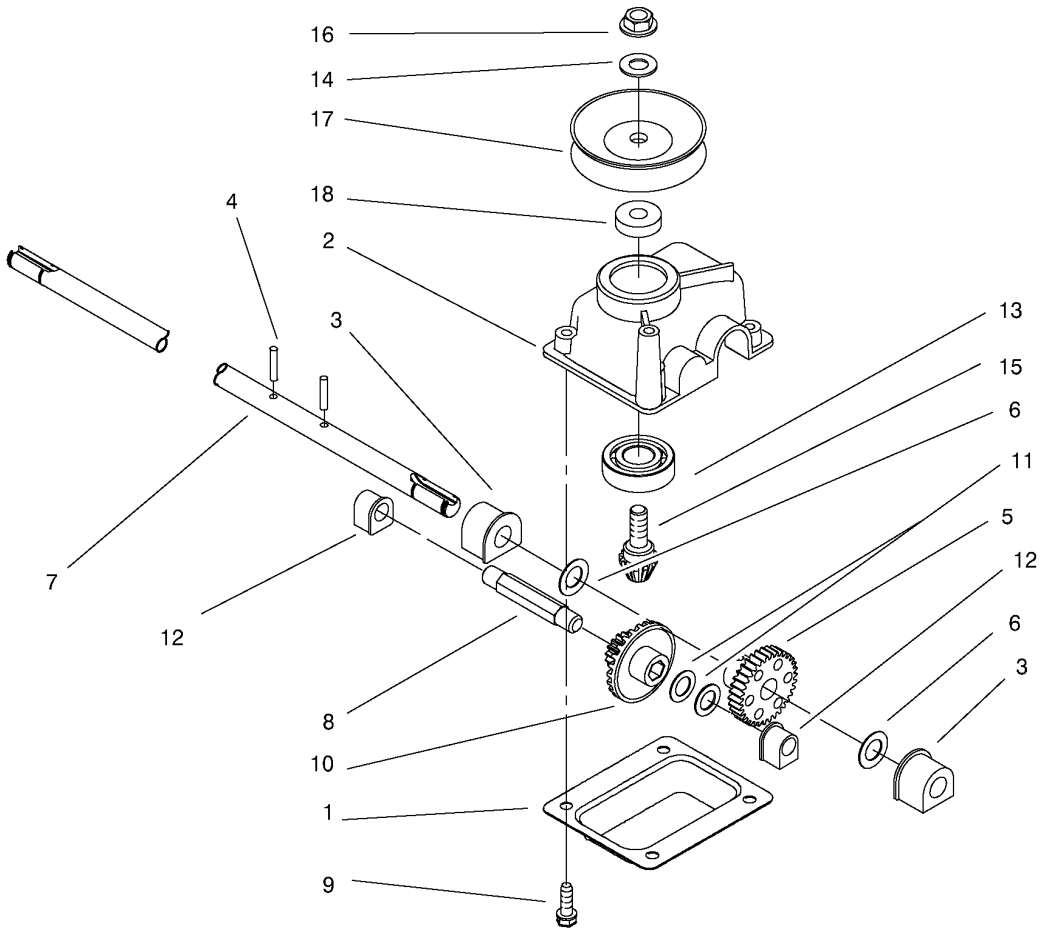
❶ Not illustrated
❷ Included in Gasket Set-See Ref. 358.
❸ Included in Carburetor Gasket Set-See Ref. 977.
❹ Included in Carburetor Kit-See Ref. 121.
❺ Included in Valve Overhaul Gasket Set-See Ref. 1095.



Housing, Handle Bracket and Wheel Assembly

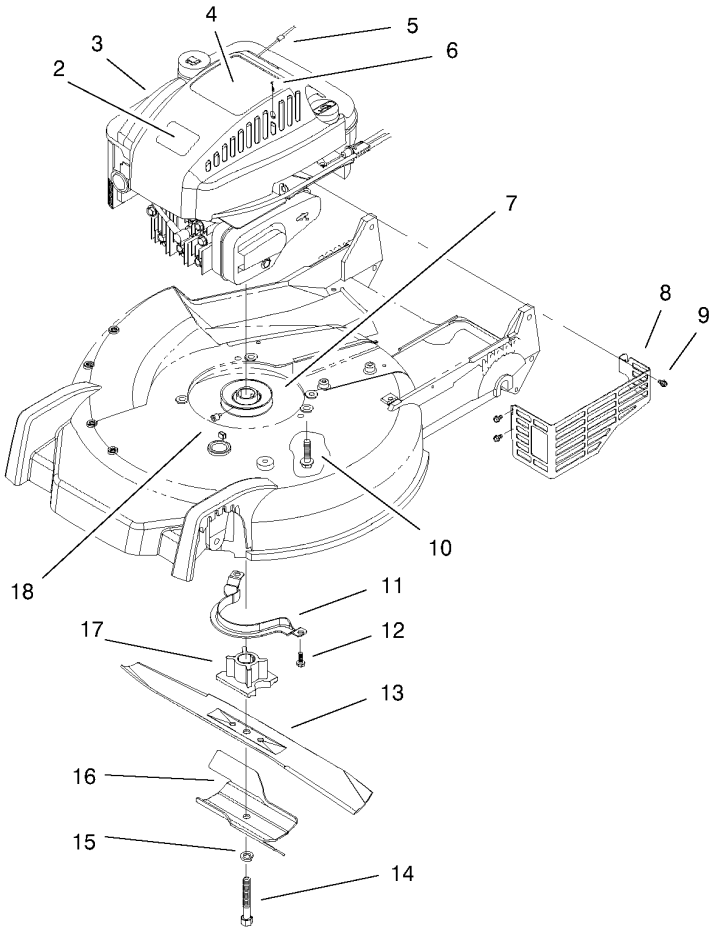
Ref	Part No.	Qty.	Description
1	98-7148	1	Housing
1:2	92-1750	1	Kicker-Rear
1:3	92-1720	1	Kicker-Front
1:4	92-1730	1	Kicker-RH
1:5	32144-11	6	Screw-HWHTF
1:6	43-8480	1	Decal-Danger
1:7	93-0248	1	Decal-Warning
1:8	99-6018	1	Decal-Warning
2	99-6010	1	Decal - Deck
5	82-8620	1	Deflector
6	82-8612	1	Cover
7	46-6811	3	Screw-HWH
8	46-6810	1	Screw And Washer ASM
9	83-4750	1	Cover Guard
10	32144-111	5	Screw-PPH
11	49-2040	1	Screw-HWHTF
12	92-1616	1	Screw-HWHTF
13	99-1513-03	1	Bracket-Transmission Actuator
15	614673	1	Bushing-Plate, Actuator
16	99-1525	1	ASM-Gearcase
17	32144-70	1	Screw-HH
18	99-1512-03	1	Bracket-Cable, Traction
19	33-3208	1	Rod-Shield
21	98-1502	1	Cover-Belt

Ref	Part No.	Qty.	Description
22	37-7260	1	Screw-HH
23	44-0580	1	Shield-Trailing
26	25-7740	2	Knob-Arm
27	66-0541	2	Front Spring Arm ASM
28	66-0580	2	Arm-Pivot, Front
29	66-0560	2	Bolt-Shoulder
30	27-6232	2	Bolt-Wheel
31	98-7130	2	Wheel ASM
31:1	27-6250	2	Bushing
32	40-1940	4	Washer
33	3296-6	4	Nut-Lock
34	32144-85	2	Screw-HWH



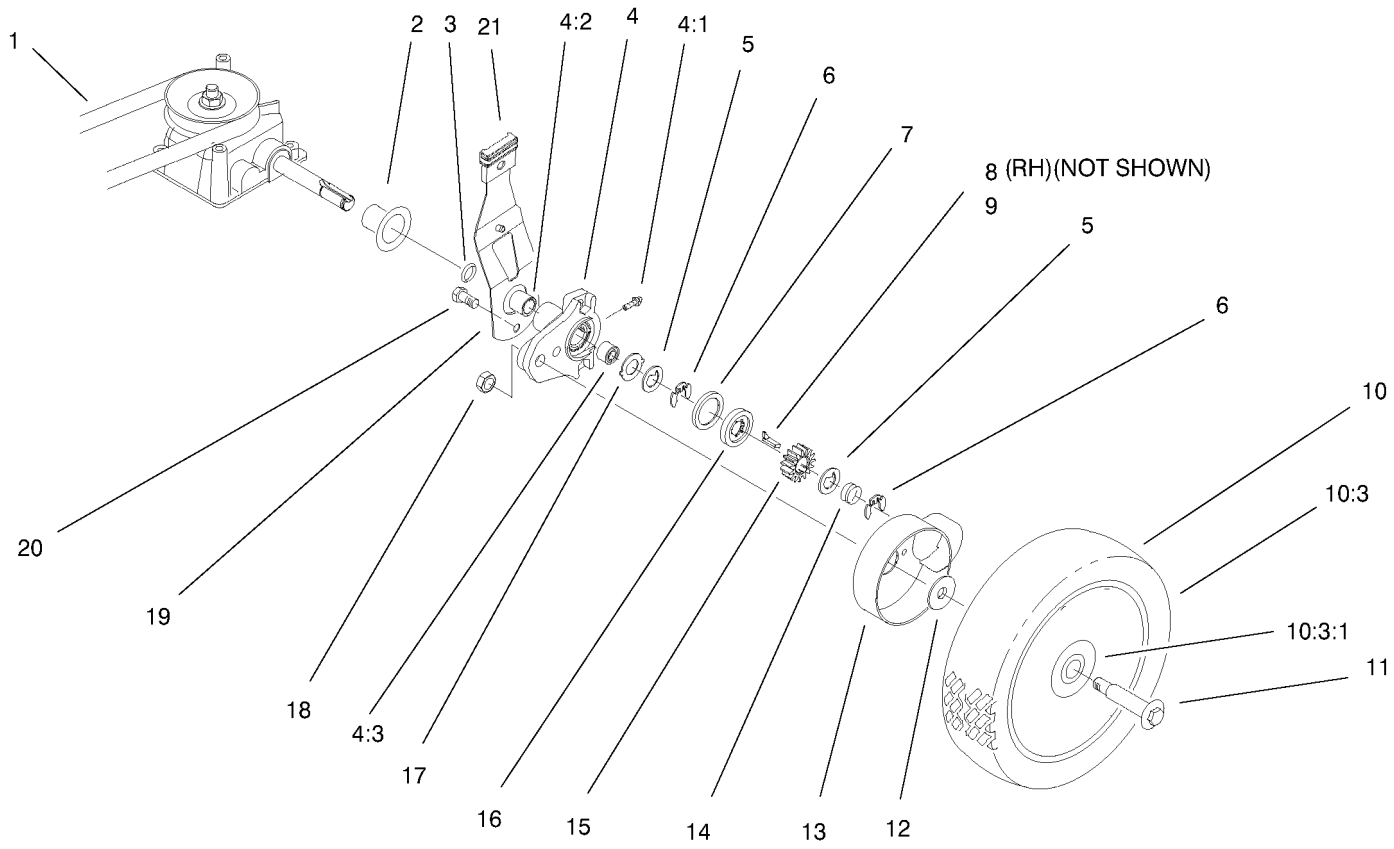
Gear Case Assembly

Ref	Part No.	Qty.	Description
1	614668	1	Cover-Gear Case
2	92-7727	1	Gearcase
3	60-8850	2	Bushing
4	3285-19	2	Pin-Groove
5	614596	1	Gear
6	36-4780	2	Washer
7	92-3131	1	Output Shaft
8	614696	1	Shaft-Intermediate
9	49-2040	4	Screw-HWHTF
10	55-3760	1	Gear-Bevel
11	36-4791	2	Washer-Thrust
12	60-8750	2	Bushing
13	38-7820	1	Bearing-Ball
14	3256-24	1	Washer-Flat
15	60-8890	1	Gear-Pinion
16	3296-5	1	Nut-Lock
17	100-1176	2	Pulley-Half
18	62-6660	1	Spacer



Engine and Blade Assembly

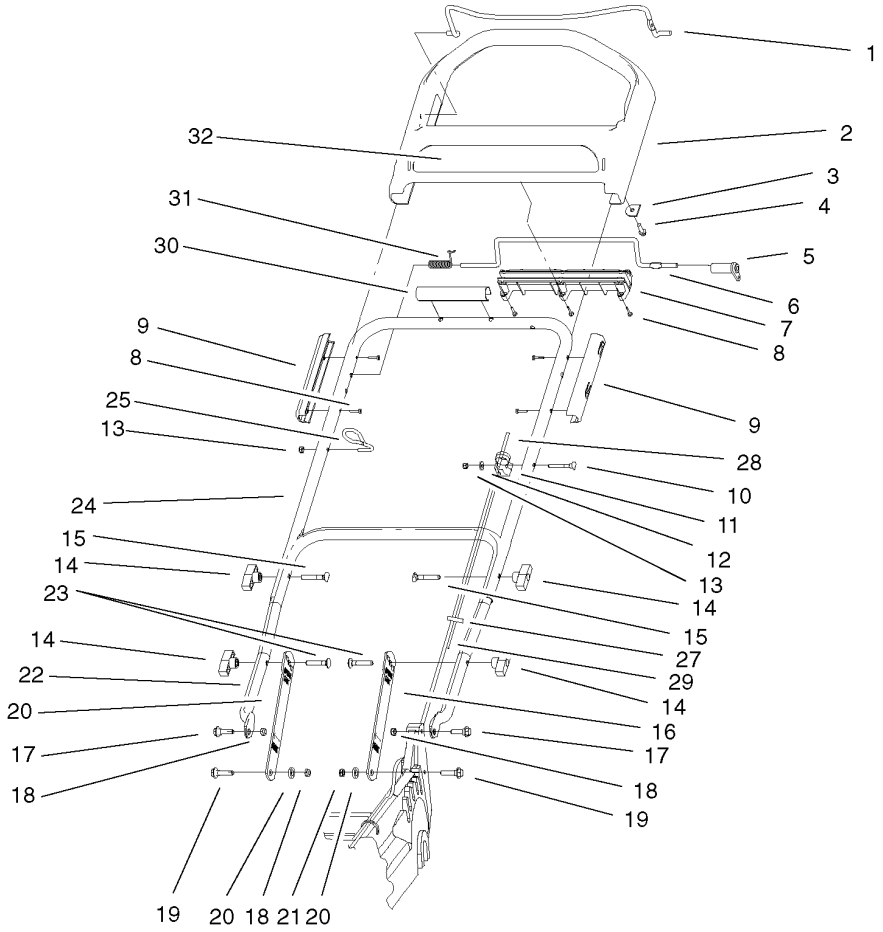
Ref	Part No.	Qty.	Description
2	98-3206	1	Decal
3	93-0243	1	Shroud-Engine
4	99-6013	1	Decal - Recoil
5	2210-316	1	Stop-Rope
6	32144-121	2	Screw-PPH
7	100-1102	1	Pulley ASM
8	82-8550-03	1	Shield-Muffler
9	32144-73	3	Screw-HWH
10	32144-102	3	Screw-HWH
11	99-1526-03	1	Guide-Belt
12	32144-70	2	Screw-HH
13	93-4106	1	Blade
14	95-1748	1	Screw-Blade
15	3253-22	1	Washer-Lock
16	94-1608-03	1	Accelerator-Blade
17	100-1100	1	Retainer-Blade
18	613227	1	Screw-Set



Gear Case and Wheel Assembly

Ref	Part No.	Qty.	Description
1	99-1598	1	V-Belt
2	42-3520	2	Cap-End
3	237-153	2	O-Ring
4	63-8701	2	Pivot Arm ASM
4:1	302-56	1	Fitting-Grease
4:2	48-2060	1	Bearing-Roller
4:3	70-9760	1	Bushing
5	65-4740	4	Washer-Thrust, Keyed
6	65-2720	4	Klipring-Locking
7	65-4710	2	Ring-Friction
8	66-6040	1	Key-Rocking, RH
9	66-6050	1	Key-Rocking, LH
10	16-0029	2	Whl & Tire Assembly
10:3		1	Wheel & Tire ASM
10:3:1	27-6250	2	Bushing
11	27-6232	2	Bolt-Wheel
12	74-1671	2	Spacer-Cover, Wheel
13	74-1660	2	Cover-Wheel
14	65-4720	2	Spring-Compression
15	65-4750	2	Gear-Pinion
16	65-4760	2	Washer-Clutch
17	65-4730	2	Washer-Arm, Pivot
18	3296-6	2	Nut-Lock
19	63-8721	2	Spring Arm ASM

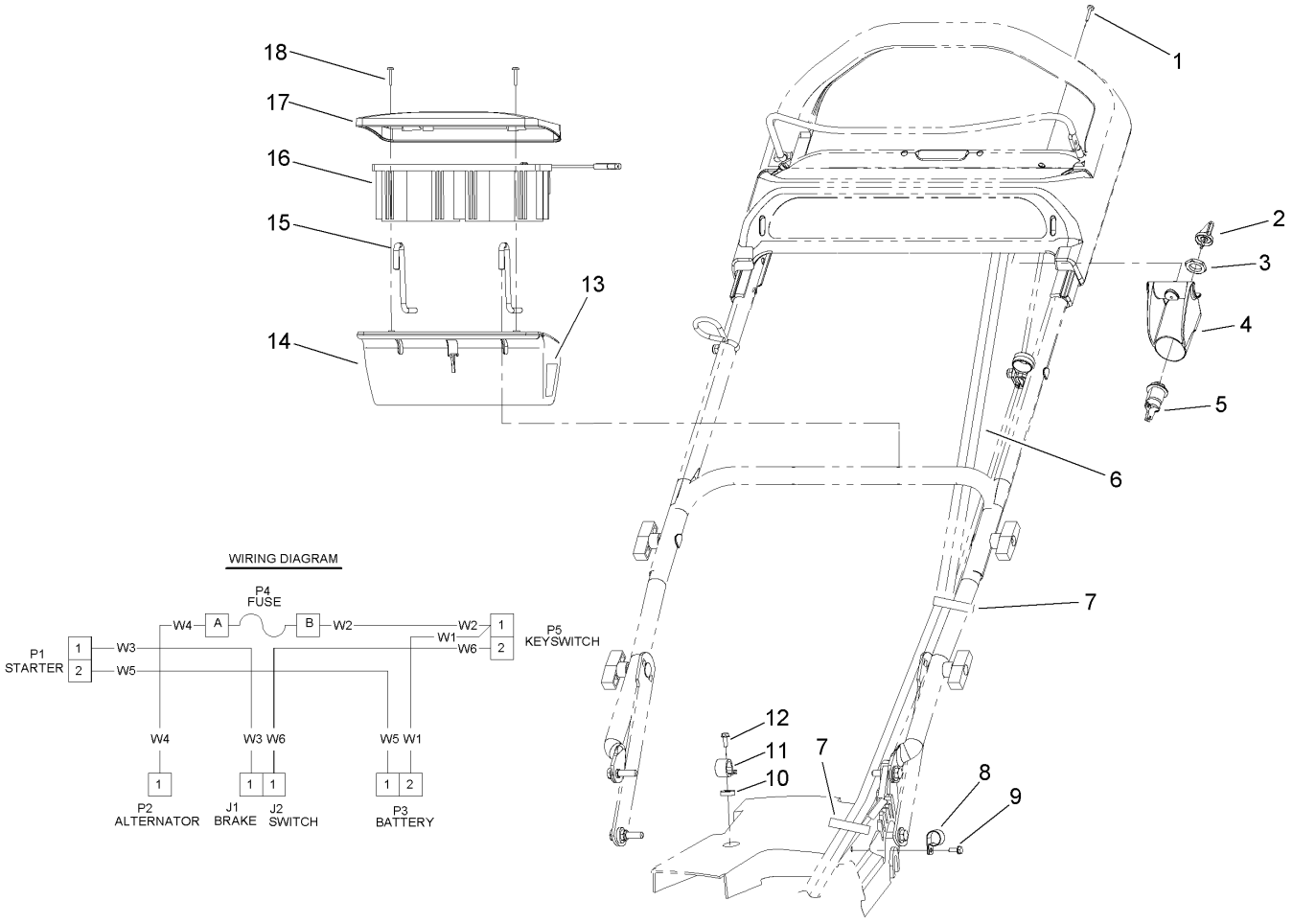
Ref	Part No.	Qty.	Description
20	32144-85	2	Screw-HWH
21	25-7740	2	Knob-Arm



Handle and Control Assembly

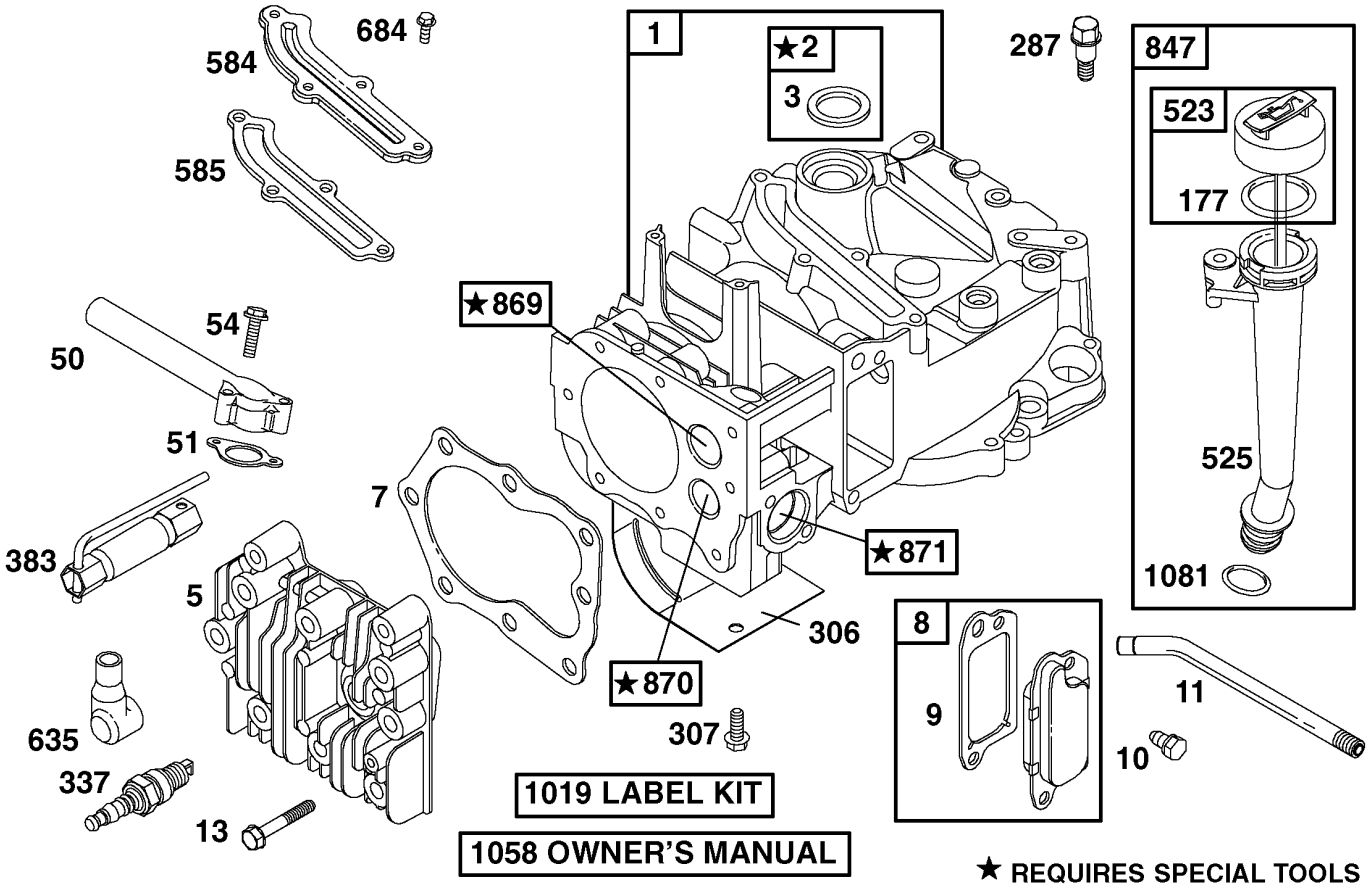
Ref	Part No.	Qty.	Description
1	99-1593-03	1	Bail-Brake
2	99-1582	1	Handle-Control
3	99-1595	1	Retainer-Cable, Brake
4	46-8091	1	Screw-HWH
5	99-1589	1	Lever-Traction
6	99-1588	1	Bar-Control, Traction
7	99-6008	1	Retainer-Control Rod, Traction
8	94-4496	10	Screw-PPH
9	99-1590	2	Guide-Handle, Control
10	95-4453	1	Screw
11	99-5239	1	Anchor-Cable
12	3256-1	1	Washer-Flat
13	3296-73	2	Nut-Lock, NI
14	98-7134	4	Knob-Handle
15	92-2260	4	Screw-Handle
16	99-5248-03	2	Latch-Handle
17	27-7211	2	Screw-Shoulder
18	3296-72	3	Nut-Lock, NI
19	27-7210	2	Screw-Shoulder
20	3-3287	2	Spacer-Latch, Handle
21	3296-47	1	Nut-Lock, NI
22	99-6004-05	1	Handle-Lower
23	99-6019	2	Screw-CARR
24	99-1596-05	1	Handle-Upper

Ref	Part No.	Qty.	Description
25	86-9671	1	Guide-Rope
27	3290-378	1	Tie-Cable
28	100-1186	1	Cable-Brake
29	99-1584	1	Cable-Traction
30	99-6339	1	Cover-Handle
31	99-1592	1	Spring-Torsion, RH
32	99-6009	1	Decal - Console



Electrical Starter Component Assembly

Ref	Part No.	Qty.	Description
1	32144-97	1	Screw-PPH, Plastite
2	63-8360	1	Key-Ignition
3	218-461	1	Nut-HH
4	99-6006	1	Switch-Holder
5	46-5780	1	Switch-Starter
6	99-6002	1	Wire Harness - Cast Quant Pp
7	3290-378	2	Tie-Cable
8	2412-83	1	Clamp-Cable
9	32144-112	1	Screw-HWH
10	3-5792	1	Washer
11	2412-87	1	Clamp-Cable
12	37-7262	1	Screw-Special
13	99-6631	1	Decal - Instruction
14	99-5297	1	Box-Battery
15	99-5299	2	Rod-Battery
16	99-5296	1	Battery
17	99-5298	1	Cover-Battery
18	94-4496	4	Screw-PPH
❶19	94-9164	1	Charger-Battery



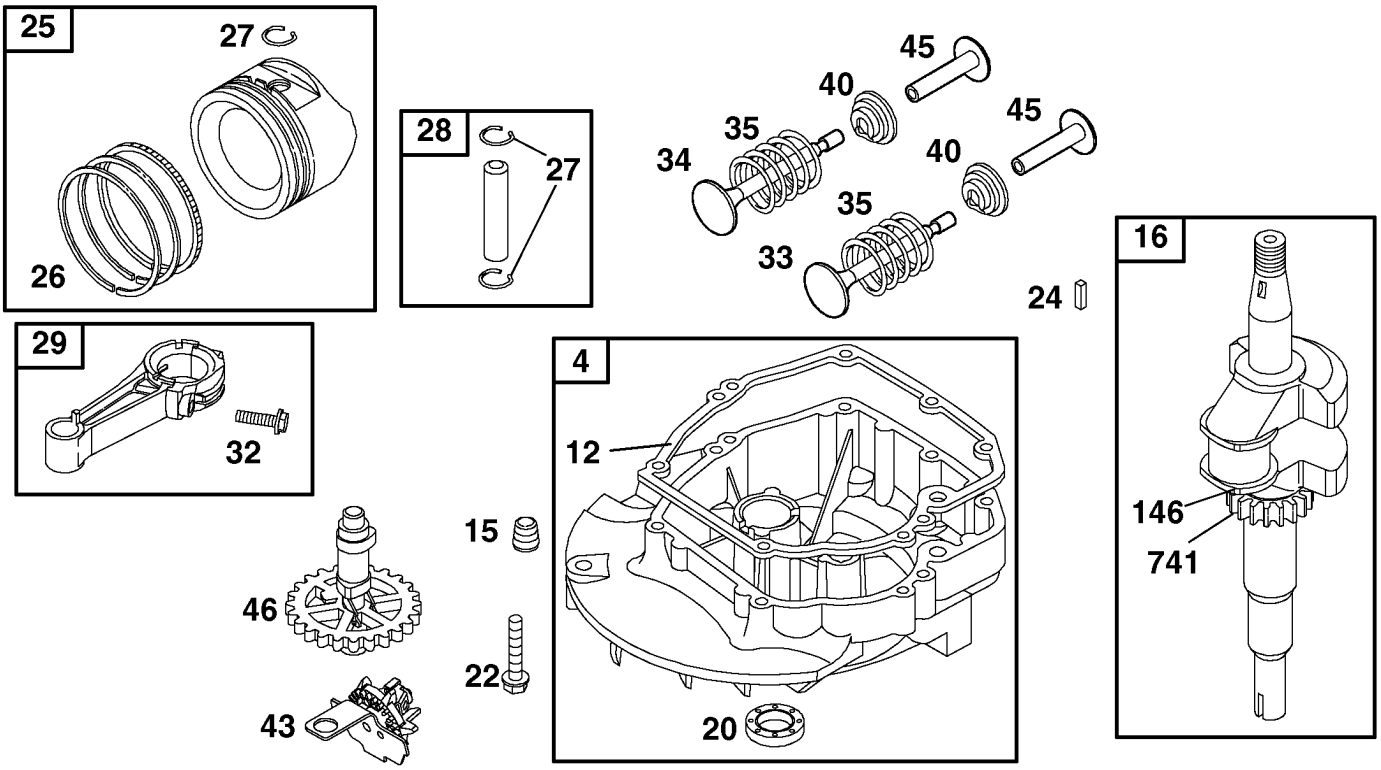
Assemblies include all parts shown in frames.

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

Cylinder Assembly
Briggs and Stratton 12h807-1775-E1

Ref	Part No.	Qty.	Description
1	493260	1	Cylinder
2	399269	0	Bushing/Seal Kit
❷3	299819	1	Seal–Oil
5	691160	1	Head–Cylinder
❷❺7	272916	1	Gasket-Cylinder Hd
8	495786	1	Breather ASM
❷❻9	272481	1	Gasket–Breather
10	94650	1	Screw-Hex.
11	231685	1	Sheave
13	94547	1	Screw-Hex.
50	497465	1	Manifold–Intake
❷51	272199	1	Gasket–Intake
54	94526	1	Screw-Hex
❷177	280393	1	O-Ring Seal
287	94511	1	Screw-Hex.
306	690450	1	Shield-Cylinder
307	94515	1	Screw-Sem
337	802592	1	Plug–Spark
383	89838	1	Wrench-Plug, Spark
523	495264	1	Dipstick
525	495265	1	Tube-Dipstick
584	692342	1	Cover–Breather Passage
❷585	272238	1	Gasket-Breather
635	66538	1	Boot–Plug, Spark

Ref	Part No.	Qty.	Description
684	94515	1	Screw-Sem
847	495263	1	Tube-Oil Filler
869	691155	1	Seat–Valve (Intake)
870	690380	1	Seat–Valve (Exhaust)
871	262001	1	Bushing–Guide (Exhaust)
1019	494256	1	Label Kit
1058	273693	1	Owner-S Manual
❷1081	280966	1	O-Ring Seal

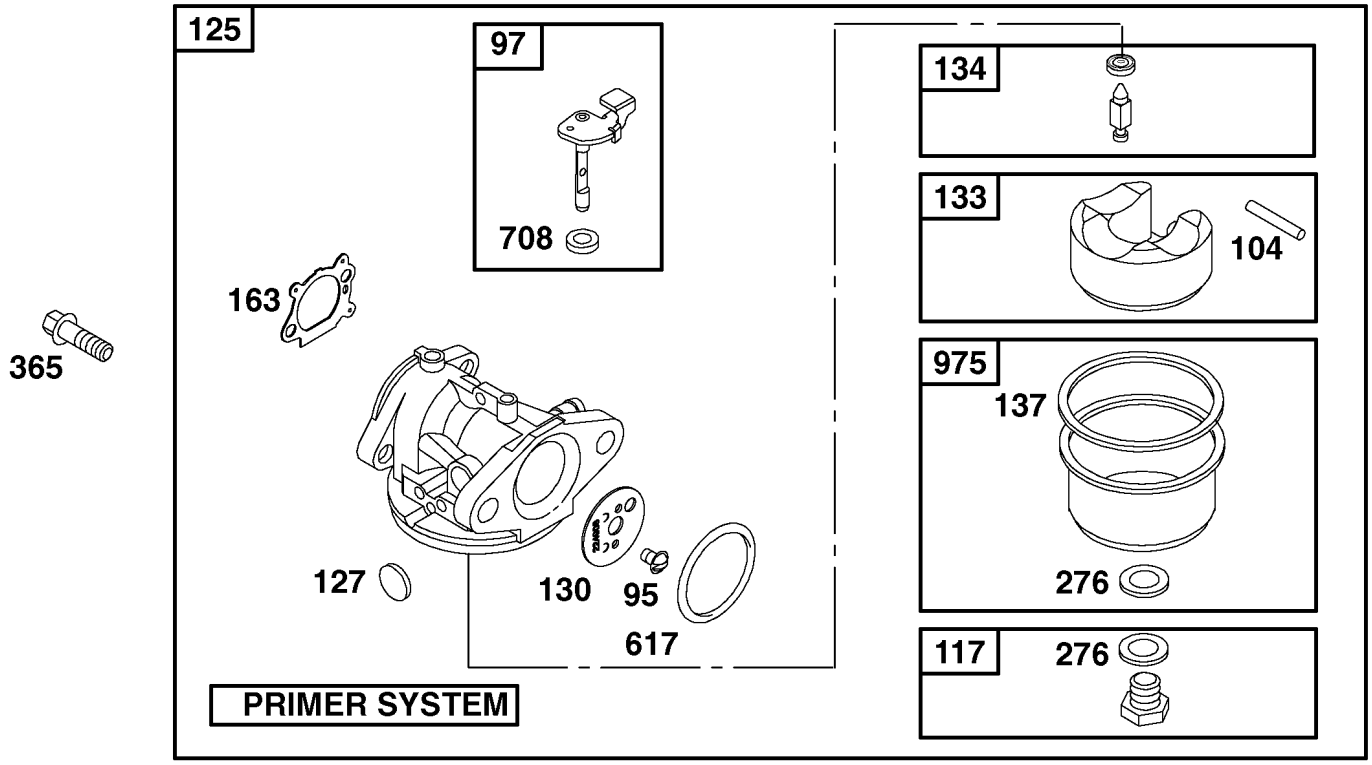


Assemblies include all parts shown in frames.

Crankshaft Assembly
Briggs and Stratton 12h807-1775-E1

Ref	Part No.	Qty.	Description
4	493279	1	Sump–Engine
❷12	272198	1	Gasket
15	94880	1	Oil Drain Plug
16	694079	1	Crankshaft
❷20	399781	1	Seal–Oil
22	94220	1	Screw-Hex. Head
	94612	1	Screw Hex. Head
24	222698	1	Key
25	499429	1	Piston ASM. (Standard)
	499430	1	Piston ASM
	499431	1	Piston ASM. (.020" O.S.)
	499432	1	Piston ASM. (.030" O.S.)
26	499425	1	Ring Set (Standard)
	499426	1	Ring Set (.010" O.S.)
	499427	1	Ring Set (.020In Oversize)
	499428	1	Ring Set (.030" O.S.)
27	263190	1	Lock-Piston Pin
28	499423	1	Pin-Piston (STD)
	298908	1	Pin-Piston (.005In Undersize)
29	499424	1	Rod-Connecting
32	94699	1	Screw-Hex
33	262651	1	Valve–Exhaust
34	262652	1	Valve–Intake
35	262224	1	Spring-Value

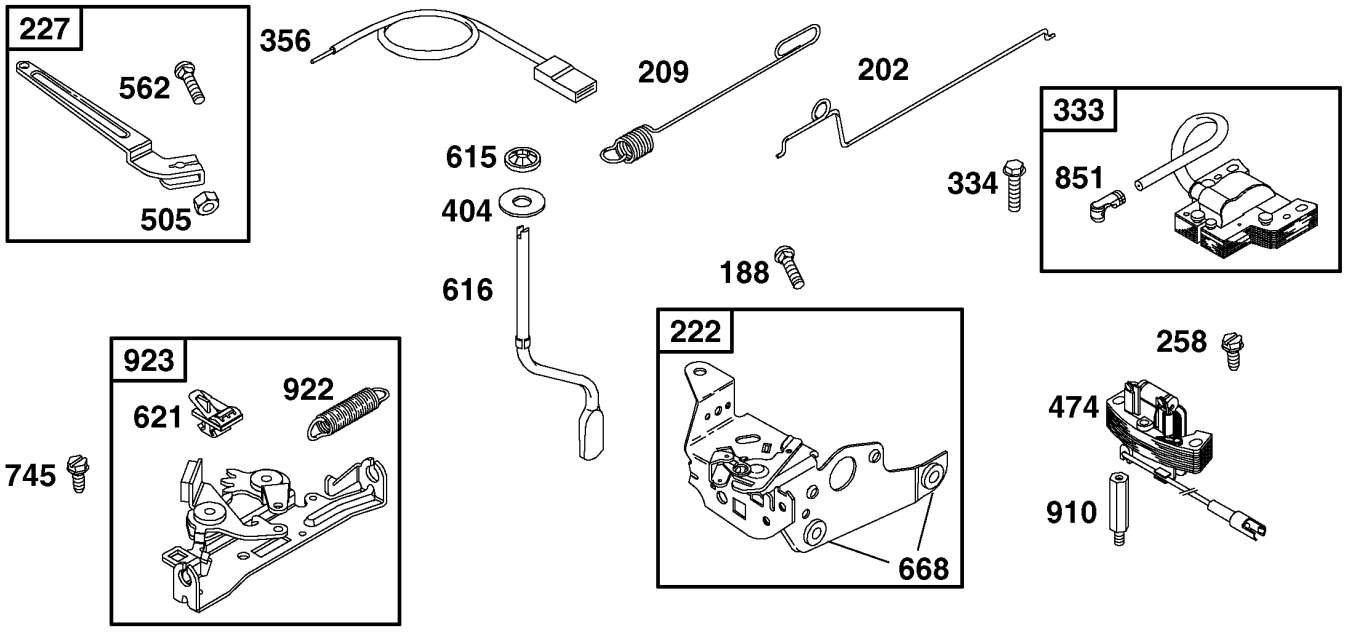
Ref	Part No.	Qty.	Description
40	93312	1	Gear-Cam
43	493737	1	Oil Slinger
45	262204	1	Tappet-Valve
46	498275	1	Camshaft
146	94388	1	Key-Timing
741	262598	1	Gear-Timing



Assemblies include all parts shown in frames.

Carburetor Assembly
Briggs and Stratton 12h807-1775-E1

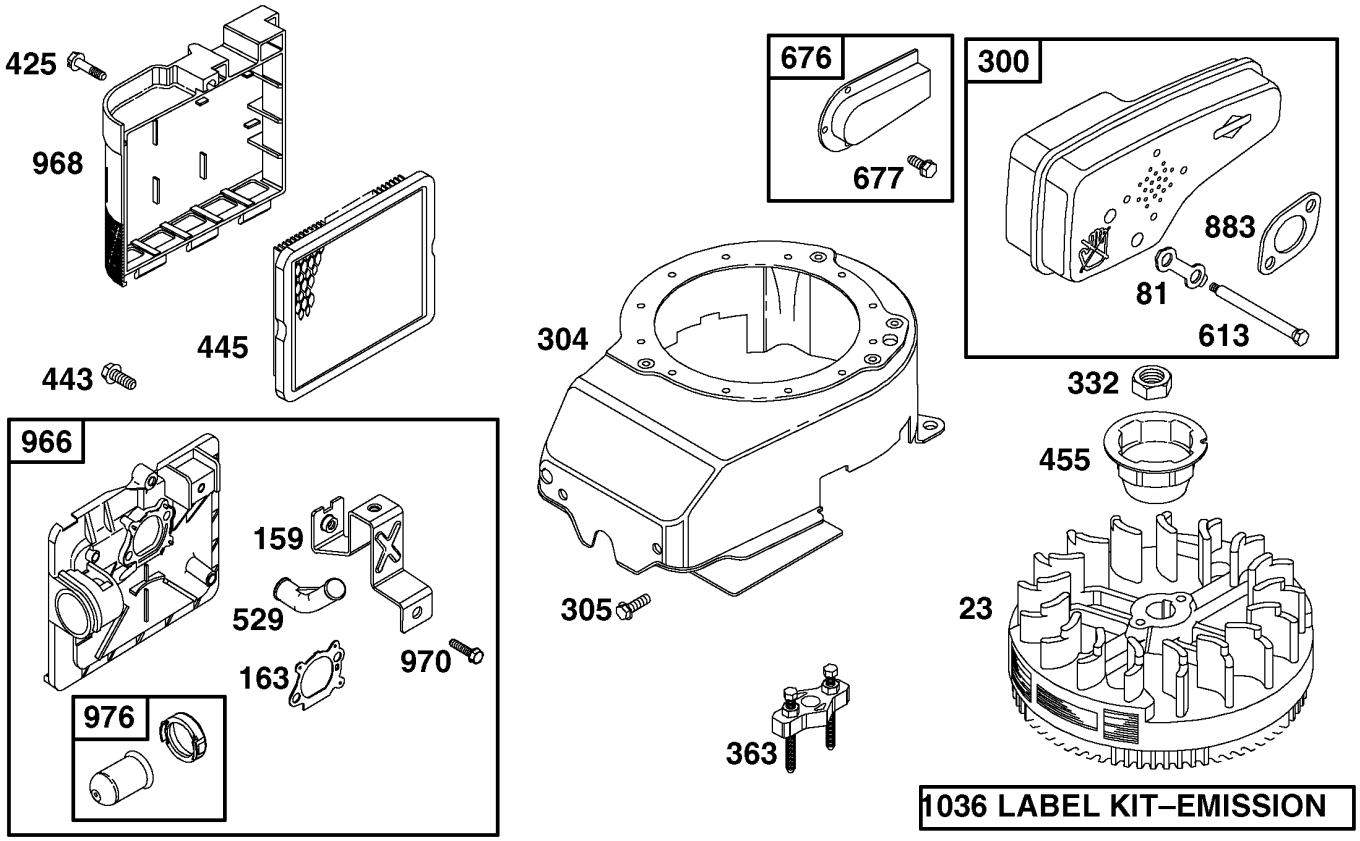
Ref	Part No.	Qty.	Description
95	94098	1	Valve-Choke
97	493267	1	Shaft And Lever
❹104	691242	1	Pin–Hinge, Float
117	494870	1	Jet–Main (High Altitude)
	497315	1	Screw-Bowl Mtg. (STD.)
125	498170	1	Carburetor
❹127		1	Plug-Welch (Sold In Kit Only)
130	691203	1	Valve–Throttle
133	398187	1	Float–Carburetor
❹134	398188	1	Needle/Seat Kit
❸❹137	693981	1	Gasket–Bowl, Float
❷❸❹163	272653	1	Gasket–Cleaner, Air
❸❹276	271716	0	Washer–Sealing
365	94525	1	Screw-Hex
❸❹617	270344	1	Seal–O Ring
❸❹708	691321	1	Seal-Shaft, Choke/Throttle
975	493640	1	Bowl–Float



Assemblies include all parts shown in frames.

Governor Assembly
Briggs and Stratton 12h807-1775-E1

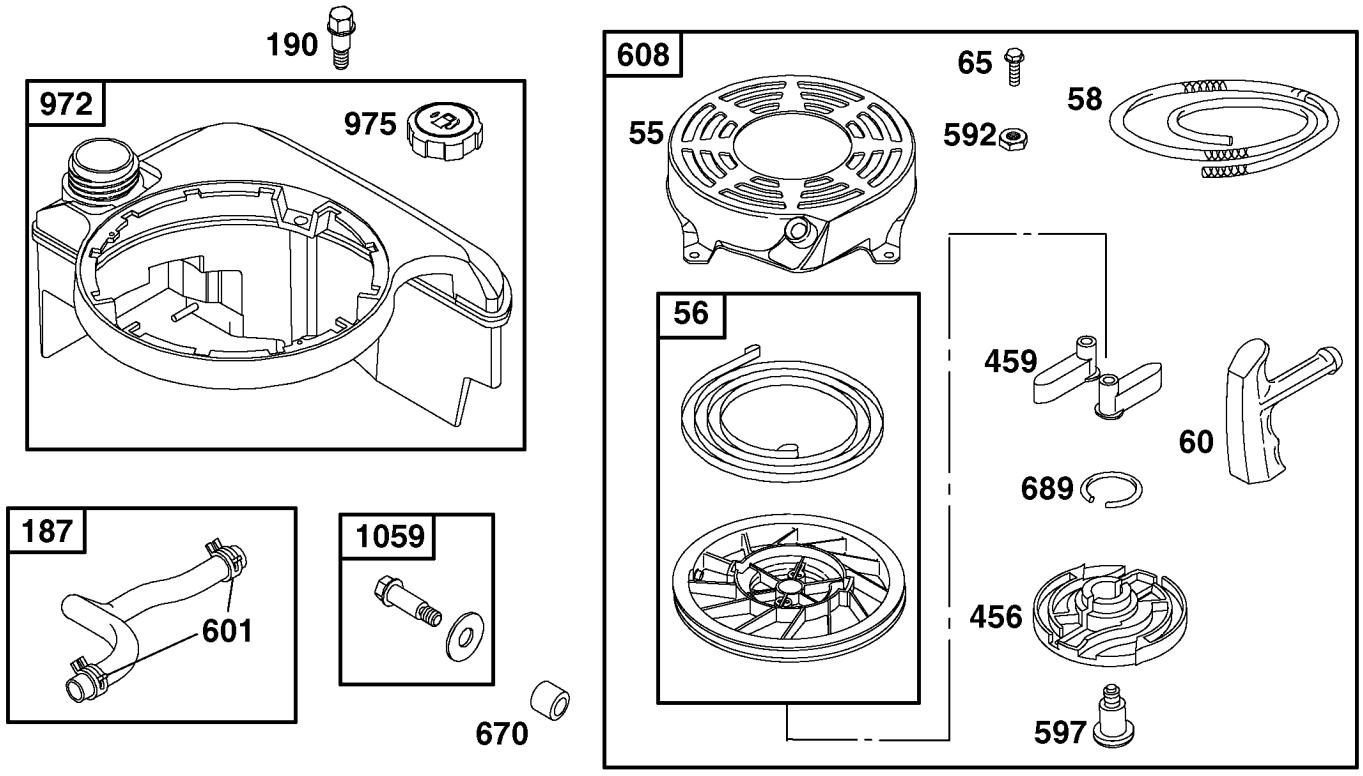
Ref	Part No.	Qty.	Description
188	94644	1	Screw-Hex.
202	262579	1	Link-Govemor
209	691292	1	Spring–Governor
222	499835	1	Bracket-Control
227	492349	1	Lever Ass-Y. Gov.
258	94512	1	Screw-Sem
333	802574	1	Armature–Magneto
334	94731	1	Screw-Sem
356	497833	1	Wire-Stop
404	67072	1	Washer
474	492841	1	Alternator
505	231082	1	Nut (Governor Control Lever)
562	92613	1	Bolt-Lever
615	94474	1	Pushnut
616	691306	1	Crank-Governor
621	396847	1	Switch
❷668	493823	1	Spacer (Includes 2)
745	94512	1	Screw-Sem
851	493880	1	Terminal-Spark Plug
910	94510	1	Stud-Mounting
922	262640	1	Brake Spring
923	493442	1	Brake



Assemblies include all parts shown in frames.

Flywheel and Muffler Assembly
Briggs and Stratton 12h807-1775-E1

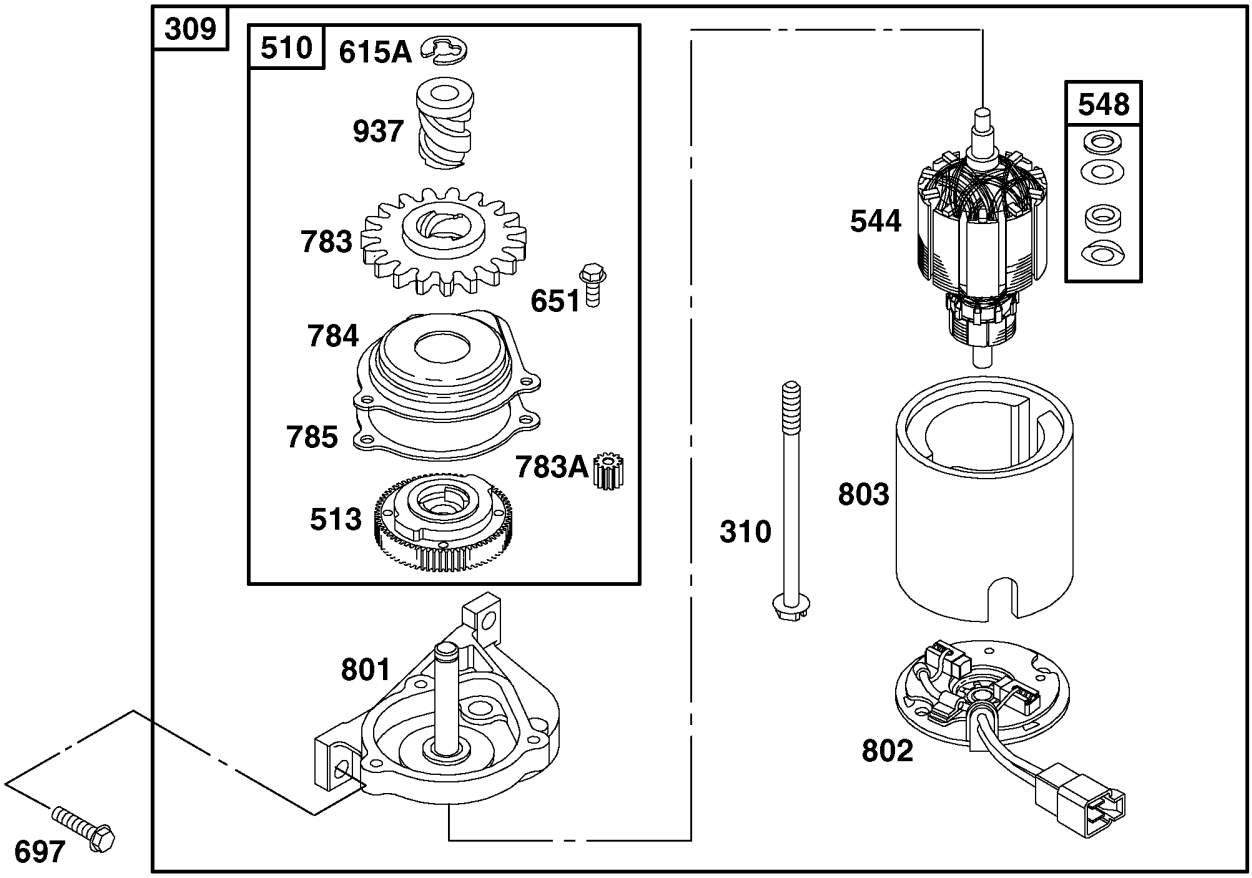
Ref	Part No.	Qty.	Description
23	492175	1	Flywheel
81	223664	1	Lock-Mumer Screw
159	224815	1	Strap-Bracket
❷❸163 ❹	272653	1	Gasket–Cleaner, Air
300	497838	1	Muffler-Exhaust
304	493293	1	Housing–Blower
305	94744	1	Screw-Hex
332	92284	1	Nut
363	19069	1	Puller–Flywheel
425	94872	1	Screw(A/C Cover)
443	94873	1	Screw-Hex.
445	491588	1	Filter–Cartridge, Air Cleaner
455	691219	1	Cup-Flywheel
529	281299	1	Grommet
613	94231	1	Screw-Shoulder
676	493871	1	Deflector–Muffler
677	93705	1	Screw
❷❺883	272253	1	Gasket-Exhaust
966	496116	1	Base–Primer, Air Cleaner
968	281340	1	Air Cleaner Cover
970	94749	1	Screw-Hex.
976	496115	1	Carburetorprimer
1036	499341	1	Emissions Label



Assemblies include all parts shown in frames.

Fuel Tank and Rewind Starter Assembly
Briggs and Stratton 12h807-1775-E1

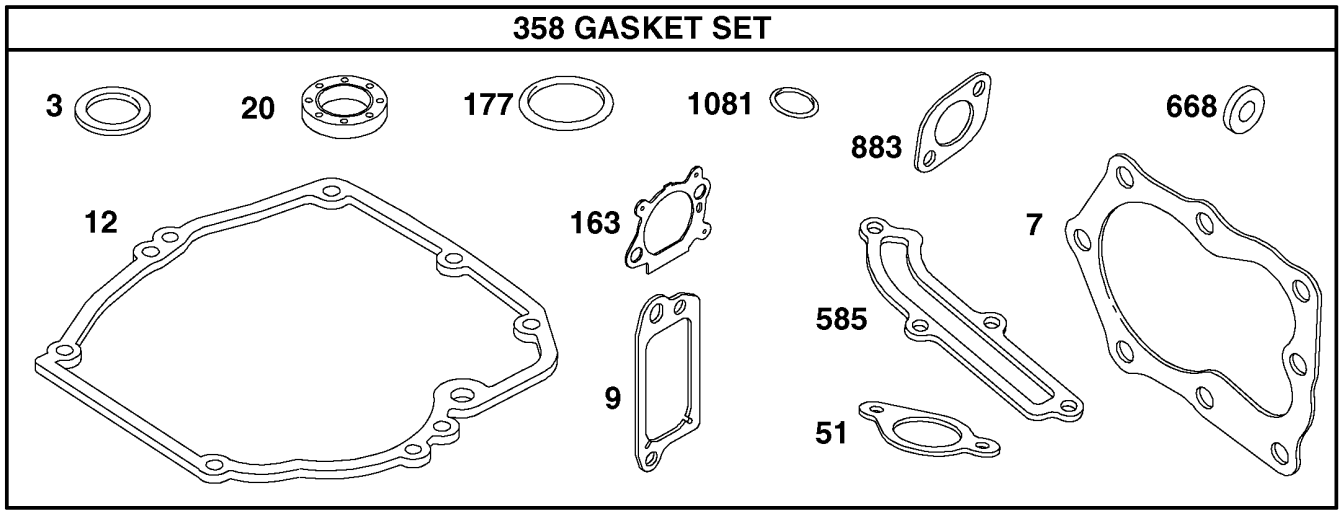
Ref	Part No.	Qty.	Description
55	497440	1	Rewind Starterhousing
56	498144	1	Pulley/Spring ASM
58	280399	1	Rope–Starter (Cut To Required Length)
60	281434	1	Grip–Rope, Starter
65	94686	1	Screw-Hex.
187	492791	1	Hose-Fuel
190	94511	1	Screw-Hex.
456	281503	1	Retainer-Spring
459	281505	1	Ratchet–Pawl
592	92987	1	Nut
597	94943	1	Pin-Starter
601	95162	1	Clamp-Hose
608	497680	1	Starter–Rewind
670	280512	1	Spacer-Fueitank
689	263073	1	Spring-Torsion
972	495224	1	Tank-Fuel
975	397974	1	Cap-Fuel
1059	398540	1	Screw-Shoulder

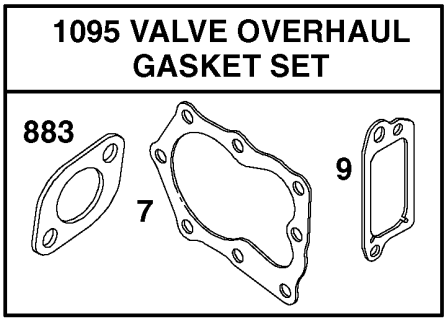


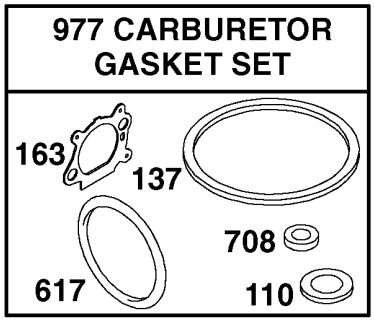
Assemblies include all parts shown in frames.

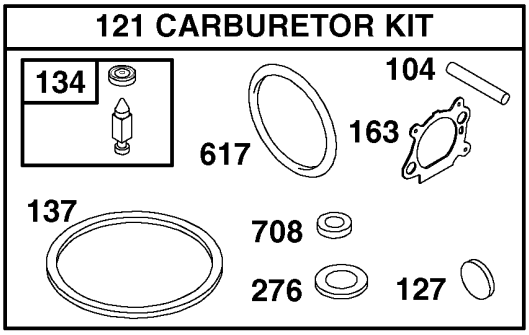
Starter Motor Assembly
Briggs and Stratton 12h807-1775-E1

Ref	Part No.	Qty.	Description
309	494233	1	Motor-Starter
310	94051	1	Bolt-Thru
510	494147	1	Drive–Starter
513	394815	1	Clutch-Drive
544	492921	1	Armature Assy.
548	492919	1	Washer Set
615A	93941	1	Retainer–E Ring
651	93490	1	Screw
697	94974	1	Screw-Hex,
783	281127	1	Gear-Pinion
783A	261606	1	Gear Pinion
784	692341	1	Cover–Gear, Starter
785	272201	1	Gasket-Cover
801	492335	1	Cap-Drive
802	492922	1	Cap-End
803	492920	1	Housing-Starter
937	281125	1	Drive-Starter









Assemblies include all parts shown in frames.

Gasket Sets and Carburetor Kit Assemblies
Briggs and Stratton 12h807-1775-E1

Ref	Part No.	Qty.	Description
❷3	299819	1	Seal–Oil
❷❺7	272916	1	Gasket-Cylinder Hd
❷❺9	272481	1	Gasket–Breather
❷12	272198	1	Gasket
❷20	399781	1	Seal–Oil
❷51	272199	1	Gasket–Intake
❹104	231371	1	Spring
❸❹276	271716	1	Washer–Sealing
❷177	280393	1	O-Ring Seal
121	498260	1	Carburetor Overhaul Kit
❹127		1	Plug-Welch (Sold In Kit Only)
❹134	398188	1	Needle/Seat Kit
❸❹137	693981	1	Gasket–Bowl, Float
❷❺163 ❹	272653	1	Gasket–Cleaner, Air
358	497316	1	Engine Gasket Set
❷585	272238	1	Gasket-Breather
❸❹617	270344	1	Seal–O Ring
❸❹708	691321	1	Seal-Shaft, Choke/Throttle
❷668	493823	1	Spacer(Includes 2)
❷❺883	272253	1	Gasket-Exhaust
977	498261	1	Carburetor Gasket Set
❷1081	280966	1	O-Ring Seal
1095	498528	1	Valve Gasket Set

NOTES

NOTES

NOTES


TORO®