



Super Recycler[®] Mower, SR-21SE

Model No. 20045 - 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.

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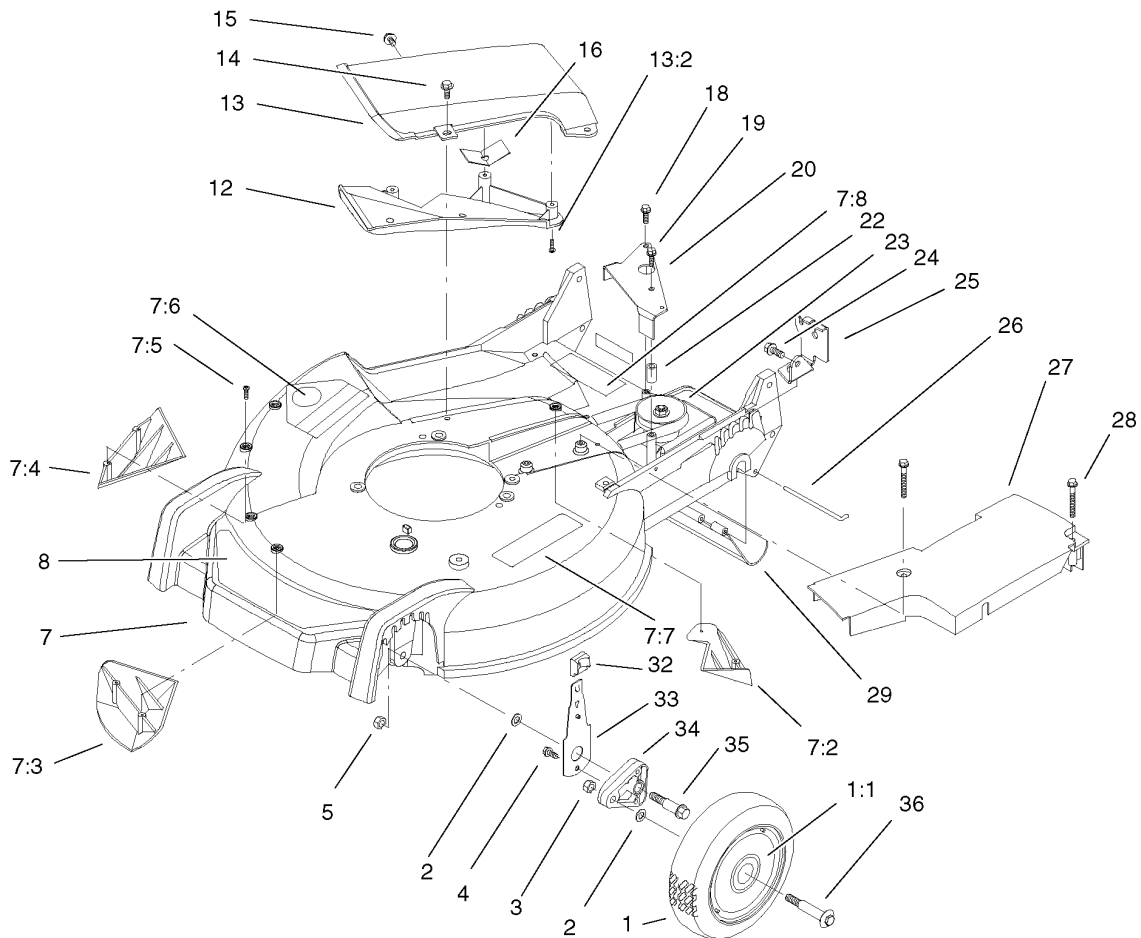
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

Footnotes

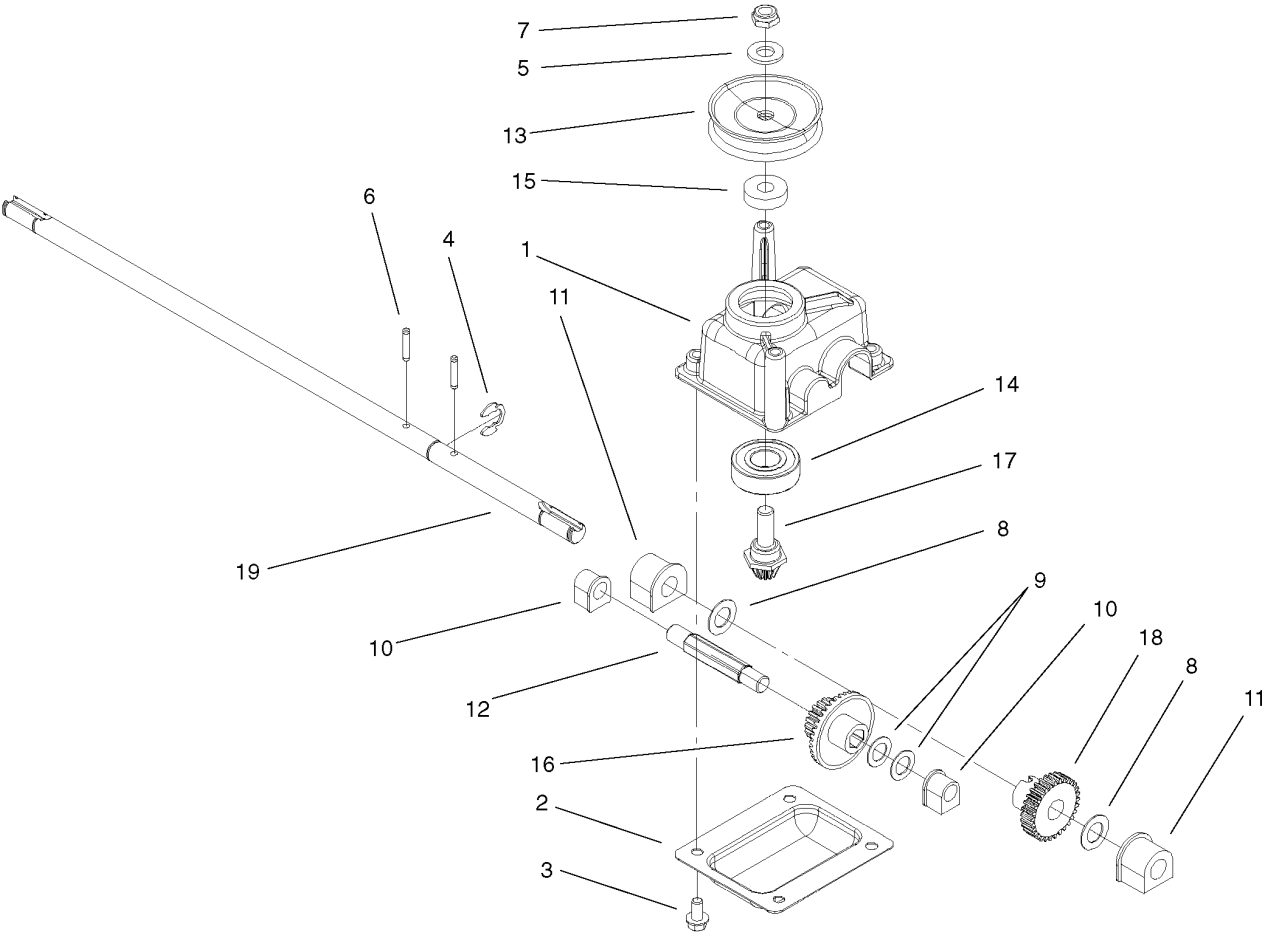
- | | |
|--|--|
| ❶ Not illustrated | ❷ Included in Gasket Set-See Ref. 358. |
| ❸ Included in Carburetor Gasket Set-See Ref. 977. | ❹ Included in Carburetor Kit-See Ref. 121. |
| ❺ Included in Valve Overhaul Gasket Set-see Ref.1095 | |



Housing And Wheel Assembly

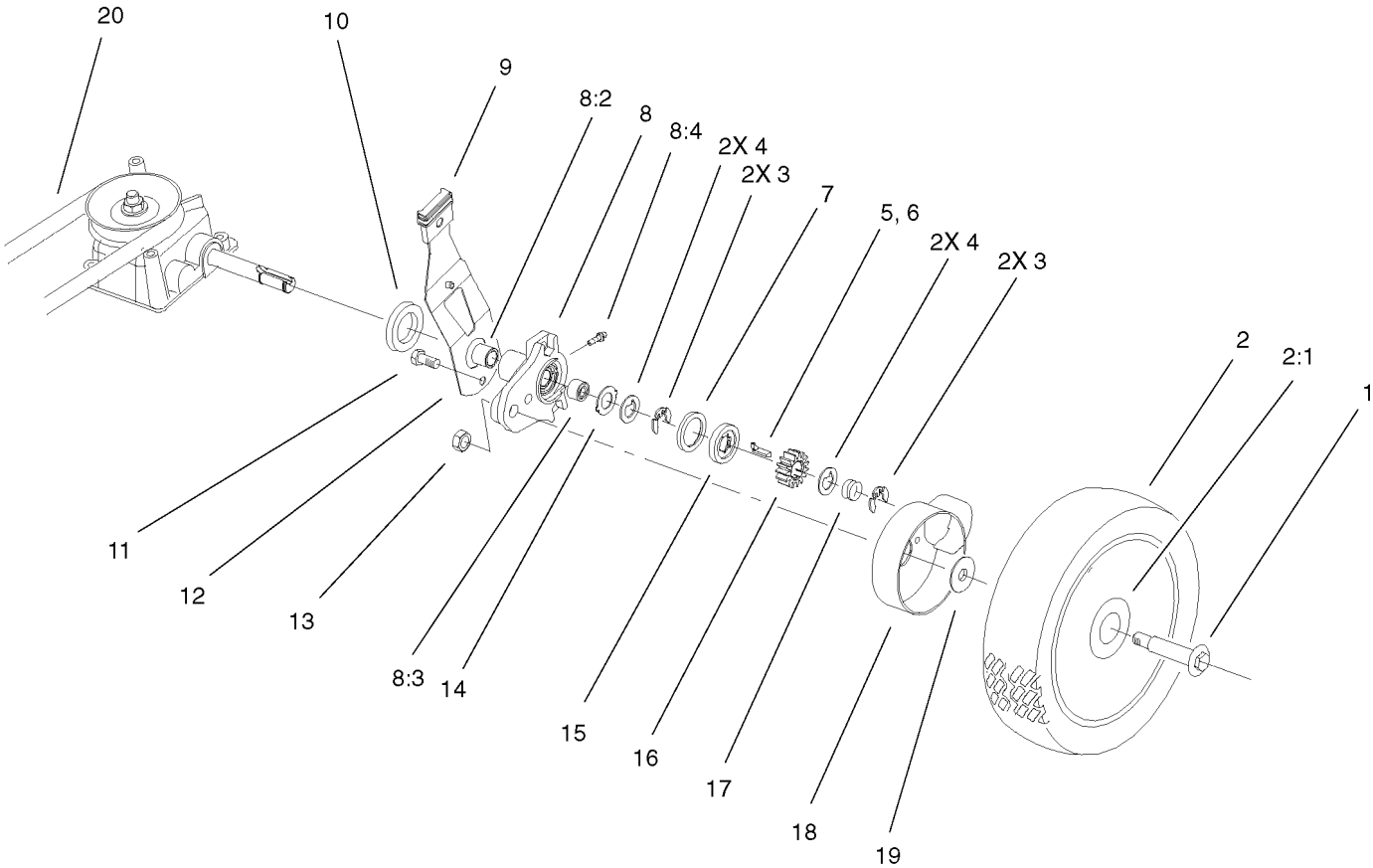
Ref	Part No.	Qty.	Description
1	98-7130	2	Wheel ASM
1:1	27-6250	2	Bushing
2	40-1940	4	Washer
3	603773	2	Nut
4	32144-85	2	Screw-HWH
5	3296-6	2	Nut-Lock
7	98-7148	1	Housing
7:2	92-1750	1	Kicker-Rear
7:3	92-1720	1	Kicker-Front
7:4	92-1730	1	Kicker-RH
7:5	32144-111	6	Screw-PPH
7:6	43-8480	1	Decal-Danger
7:7	93-0248	1	Decal-Warning
7:8	99-6018	1	Decal-Warning
8	99-6010	1	Decal - Deck
12	82-8620	1	Deflector
13	100-8775	1	Recycler Cover ASM
13:2	32144-111	5	Screw-PPH
14	46-6811	3	Screw-HWH
15	46-6810	1	Screw And Washer ASM
16	83-4750	1	Cover Guard
18	49-2040	1	Screw-HWHTF
19	92-1616	1	Screw-HWHTF
20	99-1513-03	1	Bracket-Transmission Actuator

Ref	Part No.	Qty.	Description
22	614673	1	Bushing-Plate, Actuator
23	104-7674	1	Gear Case ASM
24	32144-70	1	Screw-HH
25	99-1512-03	1	Bracket-Cable, Traction
26	33-3208	1	Rod-Shield
27	104-7906	1	Cover-Belt
28	37-7260	1	Screw-HH
29	44-0580	1	Shield-Trailing
32	25-7740	2	Knob-Arm
33	66-0541	2	Front Spring Arm ASM
34	66-0580	2	Arm-Pivot, Front
35	66-0560	2	Bolt-Shoulder
36	92-1057	2	Bolt-Shoulder



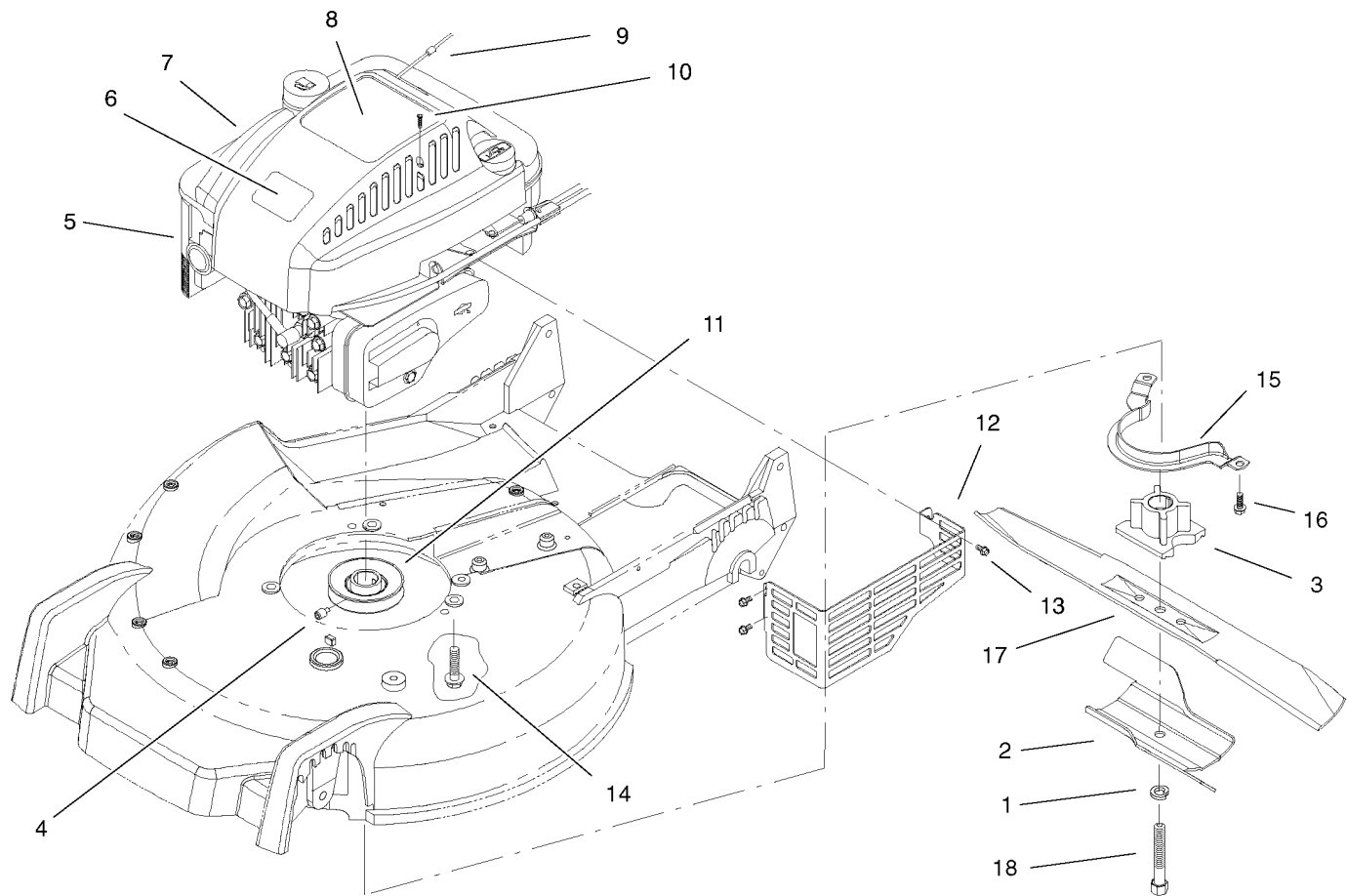
Gear Case Assembly No. 104-7674

Ref	Part No.	Qty.	Description				
1	104-7619	1	Case-Gear				
2	614668-03	1	Cover-Case, Gear				
3	32144-4	4	Screw-HWH				
4	32151-68	1	Ring-Retaining				
5	3256-24	1	Washer-Flat				
6	3285-19	2	Pin-Groove				
7	3296-5	1	Nut-Lock				
8	36-4780	2	Washer				
9	36-4791	2	Washer-Thrust				
10	60-8750	2	Bushing				
11	60-8850	2	Bushing				
12	614696	1	Shaft-Intermediate				
13	100-1176	2	Pulley-Half				
14	100-1048	1	Bearing-Ball				
15	62-6660	1	Spacer				
16	104-1005	1	Gear-19T Spur, 37T Bevel				
17	104-7667	1	Gear-Pinion, Bevel				
18	104-1004	1	Gear-30T				
19	104-7673	1	Shaft-Output				



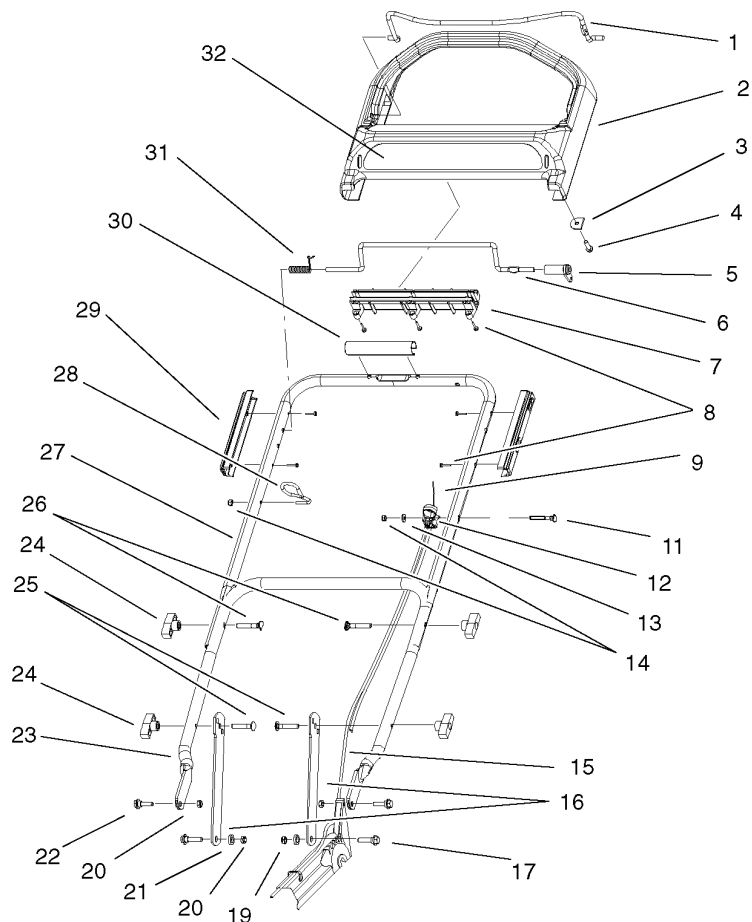
Gear Case and Wheel Assembly

Ref	Part No.	Qty.	Description				
1	92-1057	2	Bolt-Shoulder				
2	98-7135	2	Wheel ASM				
2:1	27-6250	2	Bushing				
3	65-2720	4	Klipring-Locking				
4	65-4740	4	Washer-Thrust, Keyed				
5	66-6040	1	Key-Rocking, RH				
6	66-6050	1	Key-Rocking, LH				
7	65-4710	2	Ring-Friction				
8	100-8774	2	Pivot Arm ASM				
8:2	47-2900	1	Bushing				
8:3	70-9760	1	Bushing				
8:4	302-56	1	Fitting-Grease				
9	25-7740	2	Knob-Arm				
10	42-3520	2	Cap-End				
11	32144-85	2	Screw-HWH				
12	63-8721	2	Spring Arm ASM				
13	603773	2	Nut				
14	65-4730	2	Washer-Arm, Pivot				
15	65-4760	2	Washer-Clutch				
16	65-4750	2	Gear-Pinion				
17	65-4720	2	Spring-Compression				
18	74-1660	2	Cover-Wheel				
19	74-1671	2	Spacer-Cover, Wheel				
20	91-2258	1	V-Belt				



Engine and Blade Assembly

Ref	Part No.	Qty.	Description				
1	3253-22	1	Washer-Lock				
2	94-1608-03	1	Accelerator-Blade				
3	100-1100	1	Retainer-Blade				
4	104-0214	1	Screw-Set				
5		1	Engine-Quantum E/S 6.0 Hp, Briggs And Stratton Model 12H807-1775-E1				
6	98-3206	1	Decal				
7	93-0243	1	Shroud-Engine				
8	99-6013	1	Decal - Recoil				
9	2210-316	1	Stop-Rope				
10	32144-121	2	Screw-PPH				
11	95-1878	1	Pulley				
12	104-7577-03	1	Shield-Muffler				
13	32144-1	3	Screw-Taptite				
14	32144-102	3	Screw-HWH				
15	66-0570-03	1	Bracket-Guide, Belt				
16	32144-70	2	Screw-HH				
17	93-4106-03	1	Blade				
18	95-1748	1	Screw-Blade				

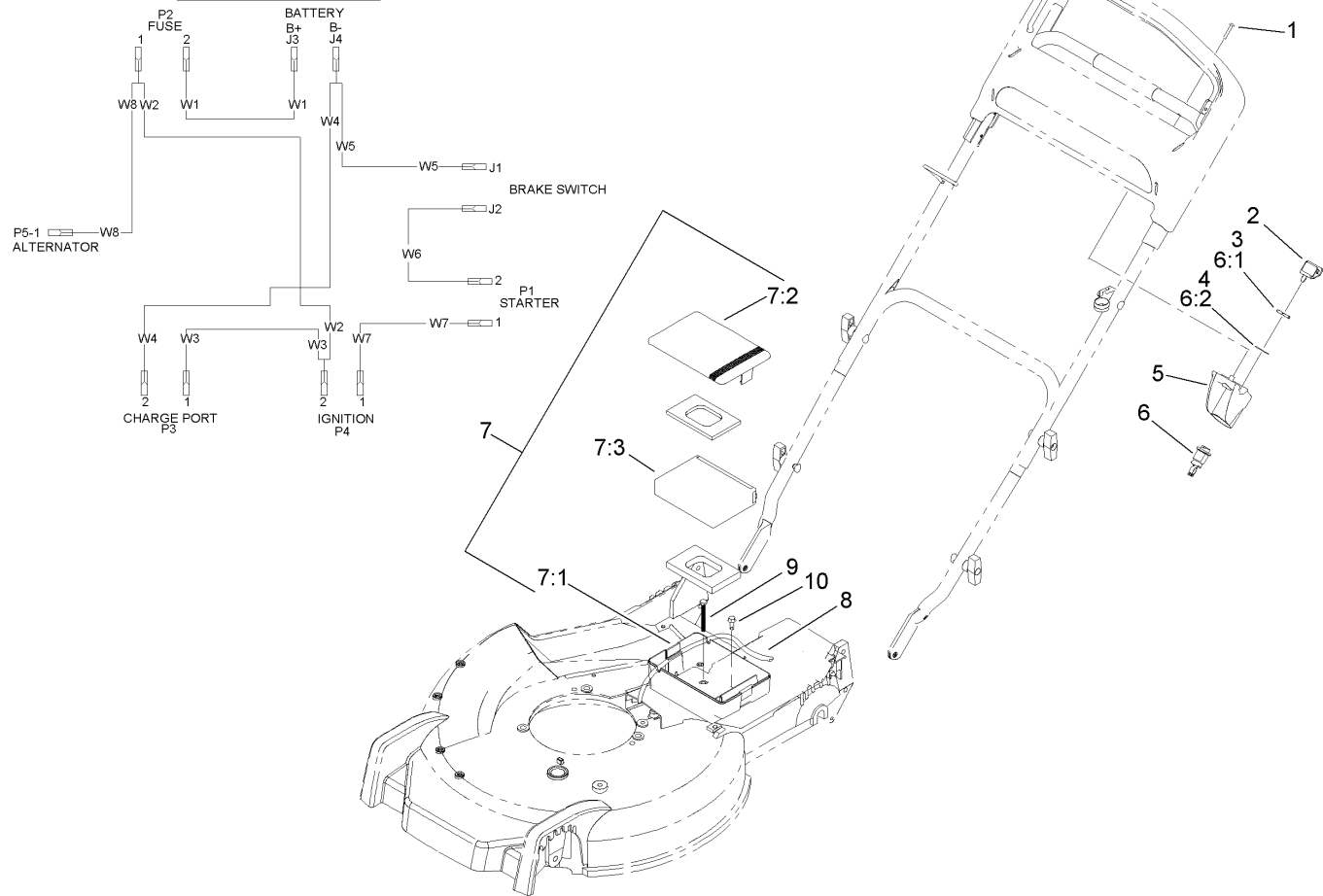


Handle Assembly

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	100-1186	1	Cable-Brake
11	95-4453	1	Screw
12	99-5239	1	Anchor-Cable
13	3256-1	1	Washer-Flat
14	3296-73	2	Nut-Lock, NI
15	99-1584	1	Cable-Traction
16	99-5248-03	2	Latch-Handle
17	27-7210	2	Screw-Shoulder
19	3296-47	1	Nut-Lock, NI
20	3296-72	3	Nut-Lock, NI
21	3-3287	2	Spacer-Latch, Handle
22	27-7211	2	Screw-Shoulder
23	99-5249-05	1	Handle-Lower
24	98-7134	4	Knob-Handle
25	99-6019	2	Screw-CARR
26	92-2260	2	Screw-Handle

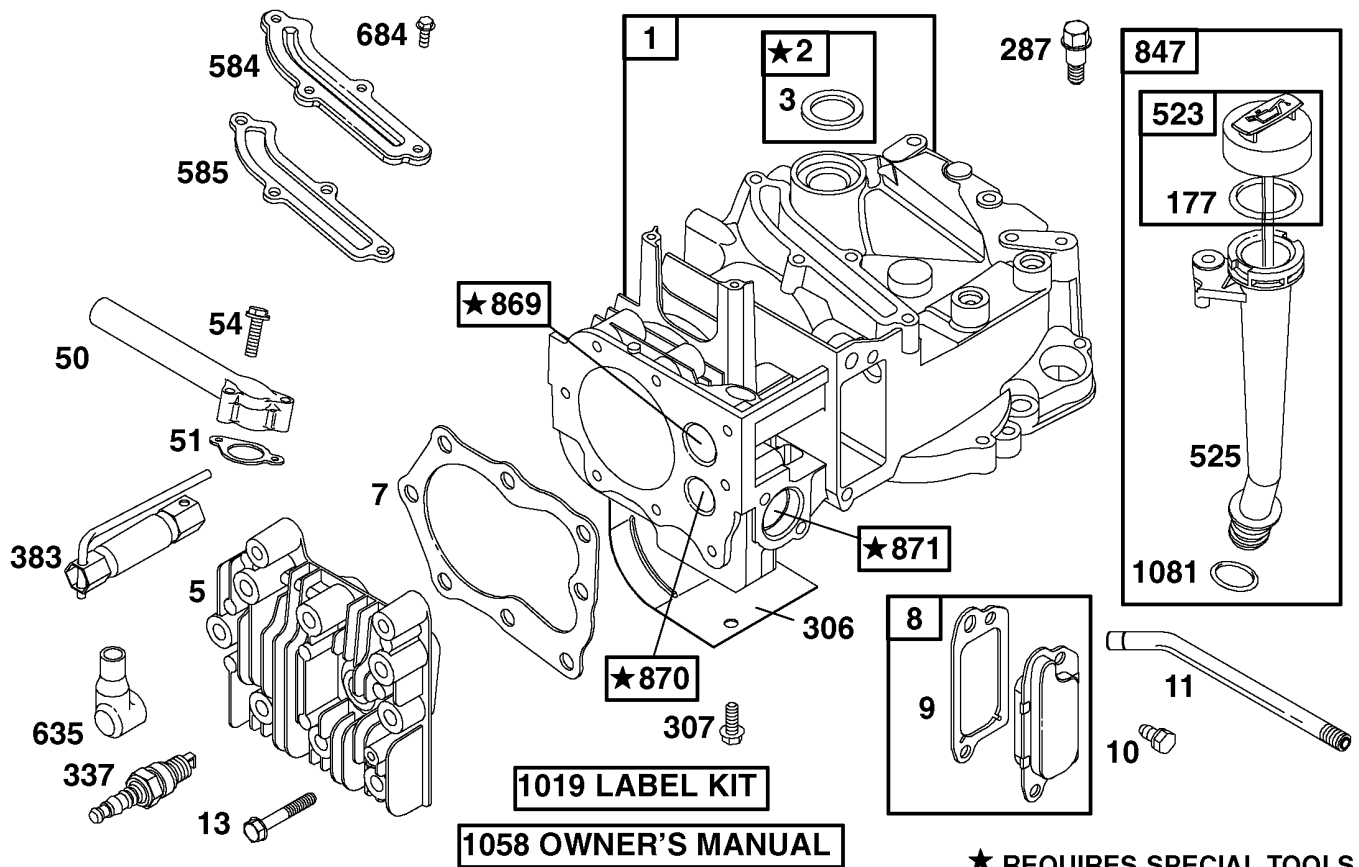
Ref	Part No.	Qty.	Description
27	99-1596-05	1	Handle-Upper
28	86-9671	1	Guide-Rope
29	99-1590	2	Guide-Handle, Control
30	99-6339	1	Cover-Handle
31	99-1592	1	Spring-Torsion, RH
32	99-6009	1	Decal - Console

WIRING DIAGRAM



Battery and Switch 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	3254-5	1	Washer-Tooth				
5	99-6006	1	Switch-Holder				
6	46-5780	1	Switch-Starter				
6:1	3254-5	1	Washer-Tooth				
6:2	218-461	1	Nut-HH				
7	104-7682	1	Battery ASM-Panasonic				
7:1	104-7900	1	Box-Battery				
7:2	104-7901	1	Cover-Battery				
7:3	104-7903	1	Battery-12V				
8	100-1037	1	Harness-Wire				
9	37-7262	1	Screw-Special				
10	32144-32	1	Screw				
❶	104-7401	1	Charger-12 Volt				
❶	104-7953	1	Decal-Harness				
❶	99-6124	2	Fuse-40 Amp				



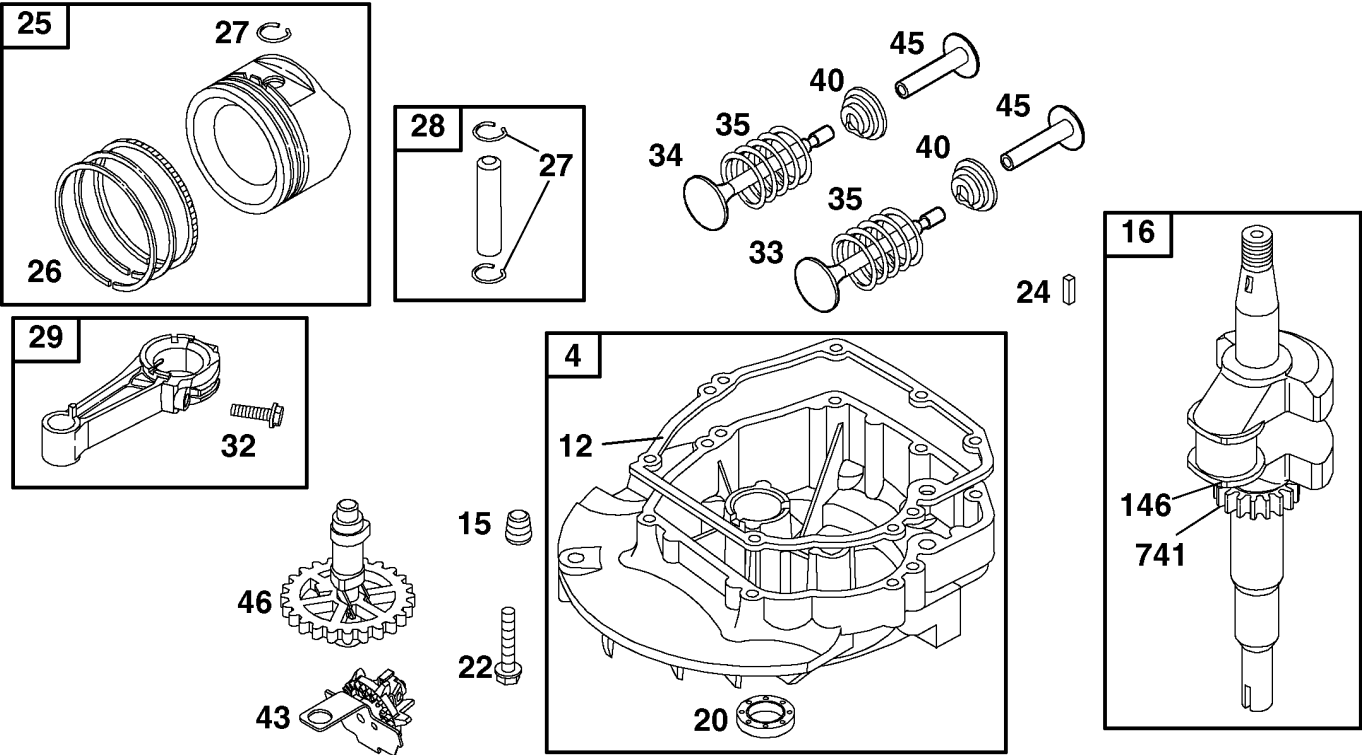
Assemblies include all parts shown in frames.

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

Cylinder Assembly Briggs And Stratton Model 12h807-1775-E1

Ref	Part No.	Qty.	Description
2	399269	1	Bushing/Seal Kit
★23	299819	1	Seal-Oil
5	691160	1	Head-Cylinder
★57	272916	1	Gasket-Cylinder Hd
8	495786	1	Breather ASM
★59	272481	1	Gasket-Breather
10	94650	1	Screw-Hex.
11	231685	1	Sheave
13	94547	1	Screw-Hex.
50	497465	1	Manifold-Intake
★51	272199	1	Gasket-Intake
54	94526	1	Screw-Hex
★177	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
★585	272238	1	Gasket-Breather
635	66538	1	Boot-Plug, Spark
684	94515	1	Screw-Sem

Ref	Part No.	Qty.	Description
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
★1081	280966	1	O-Ring Seal

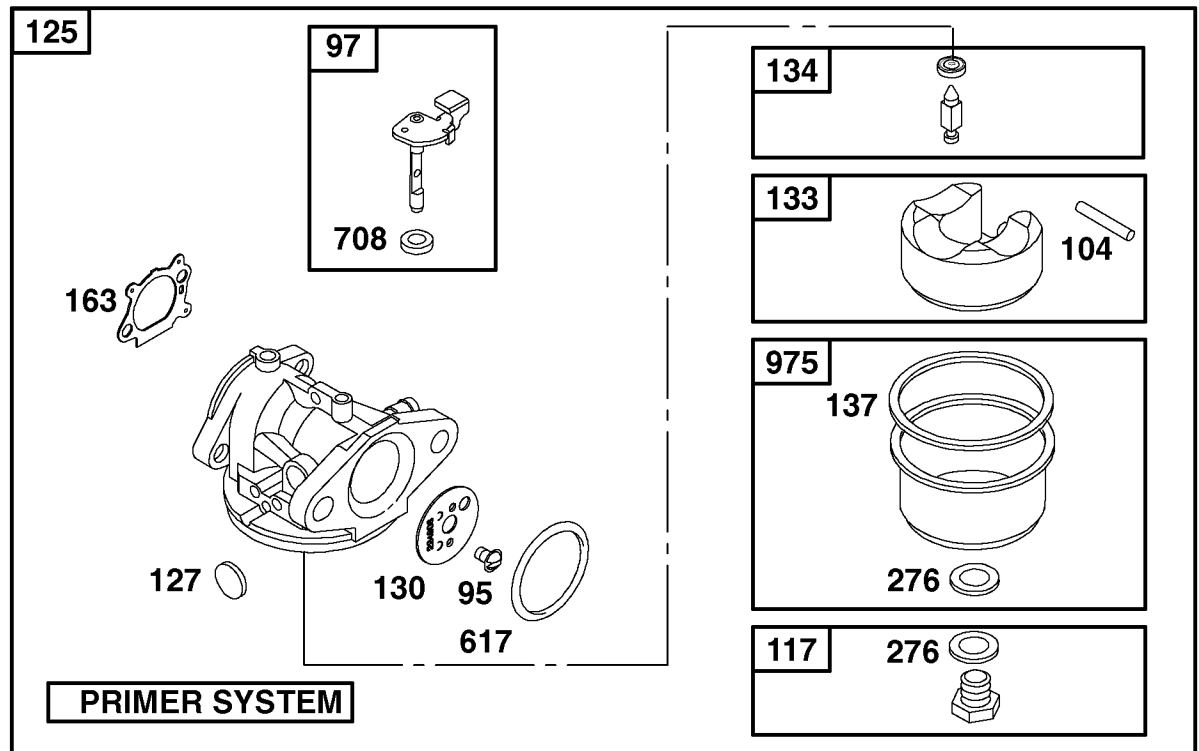


Assemblies include all parts shown in frames.

Crankshaft Assembly

Briggs And Stratton Model 12h807-1775-E1

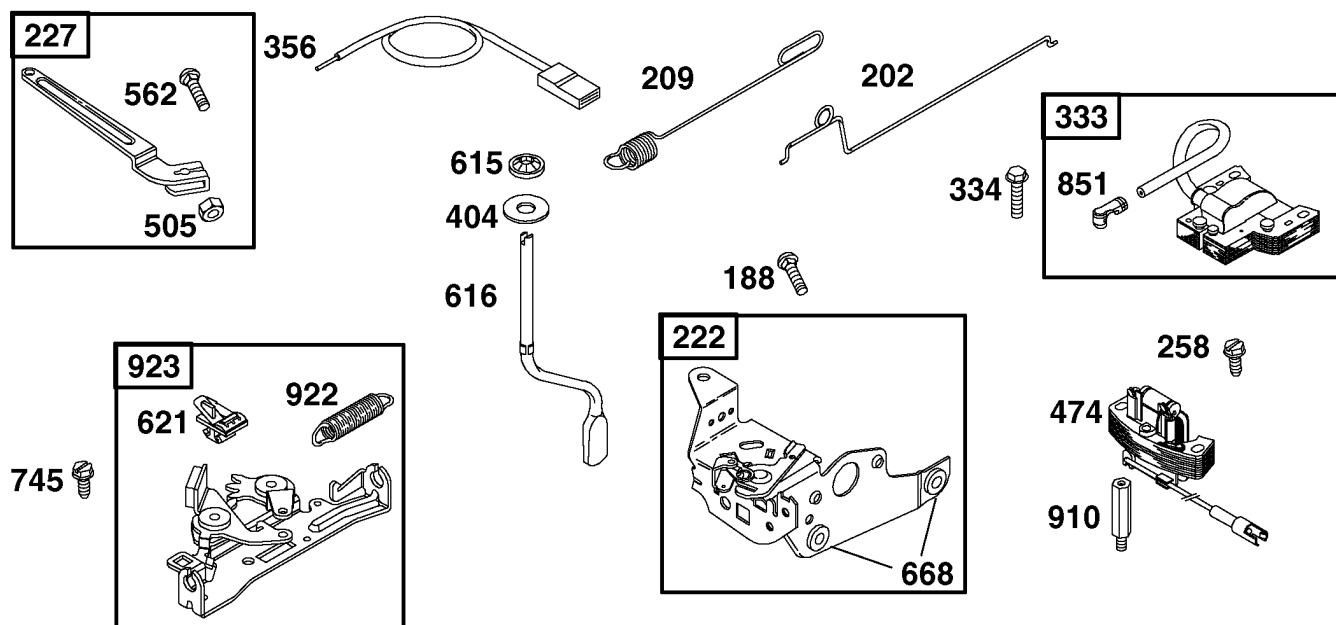
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
4	493279	1	Sump-Engine	40	93312	1	Gear-Cam
12	272198	1	Gasket	43	493737	1	Oil Slinger
15	94880	1	Oil Drain Plug	45	262204	1	Tappet-Valve
16	694079	1	Crankshaft	46	498275	1	Camshaft
20	399781	1	Seal-Oil	146	94388	1	Key-Timing
22	94220	1	Screw-Hex. Head	741	262598	1	Gear-Timing
	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				



Assemblies include all parts shown in frames.

Carburetor Assembly Briggs And Stratton Model 12h807-1775-E1

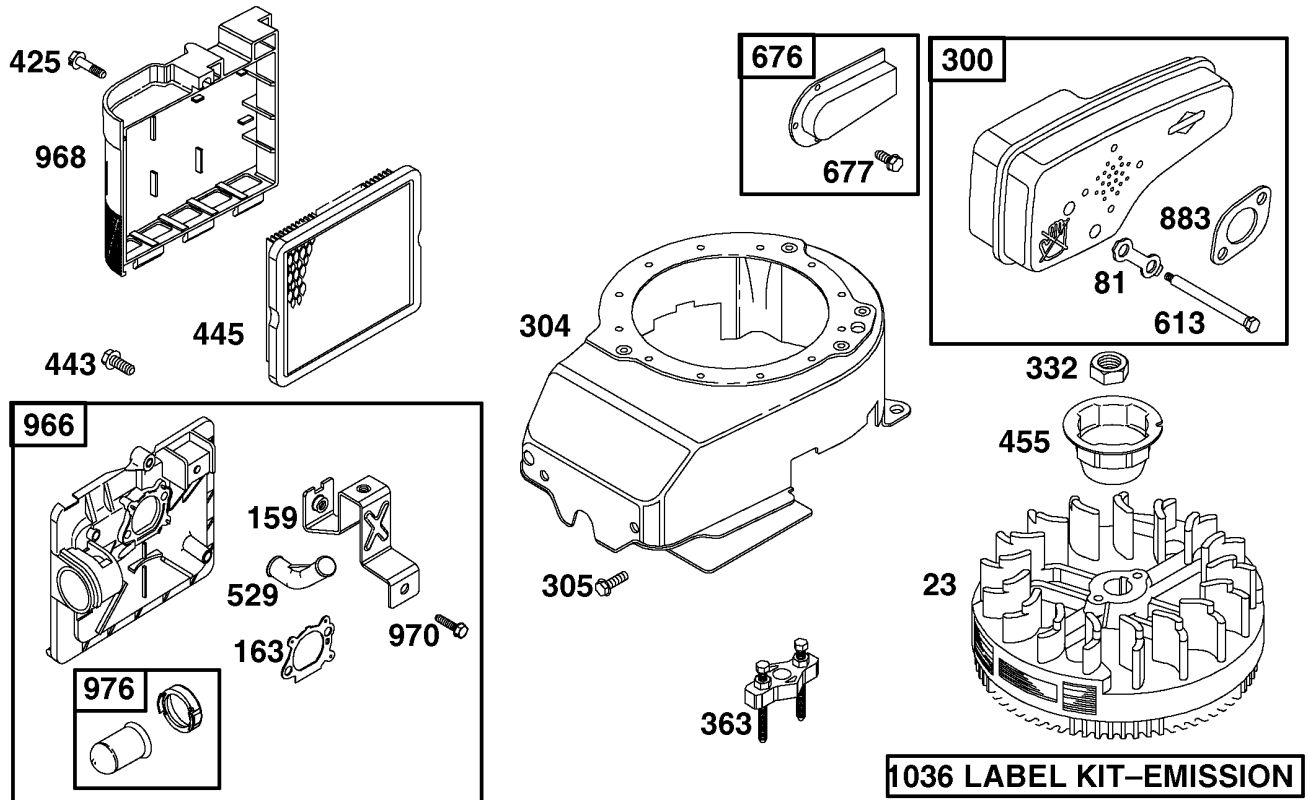
Ref	Part No.	Qty.	Description
95	94098	1	Valve-Choke
97	493267	1	Shaft And Lever
④ 104	691242	1	Pin-Hinge, Float
117	494870	1	Jet-Main (High Altitude)
	497315	1	Screw-Bowl Mtg. (STD.)
125	498170	1	Carburetor
④ 127		1	Plug-Welch (Sold In Kit Only)
130	691203	1	Valve-Throttle
133	398187	1	Float-Carburetor
④ 134	398188	1	Needle/Seat Kit
③ ④ 137	693981	1	Gasket-Bowl, Float
② ③ 163	272653	1	Gasket-Cleaner, Air
④			
③ ④ 276	271716	1	Washer-Sealing
365	94525	1	Screw-Hex
③ ④ 617	270344	1	Seal-O Ring
③ ④ 708	691321	0	Seal-Shaft, Choke/Throttle
975	493640	1	Bowl-Float



Assemblies include all parts shown in frames.

Governor Assembly
Briggs And Stratton Model 12h807-1775-E1

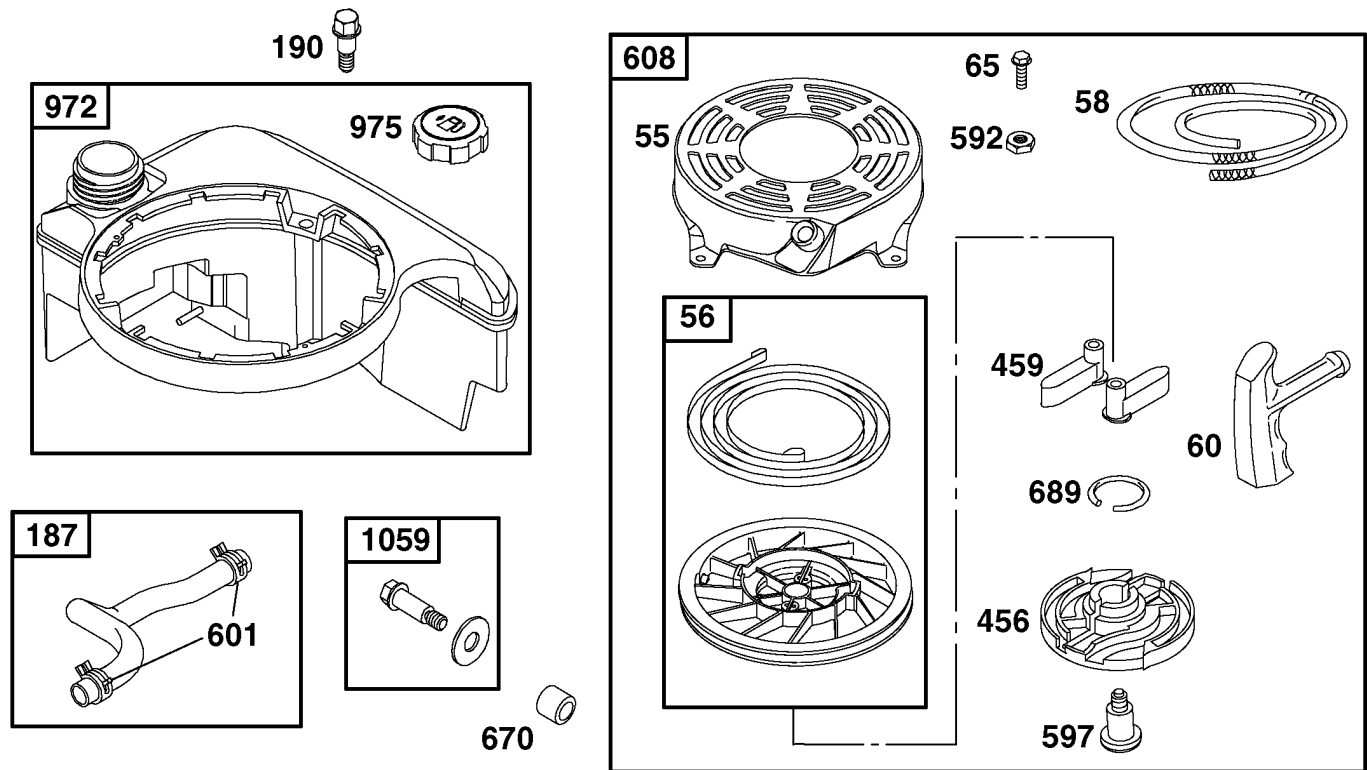
Ref	Part No.	Qty.	Description				
188	94644	1	Screw-Hex.				
202	262579	1	Link-Governor				
209	691292	1	Spring-Governor				
222	499835	1	Bracket-Control				
227	492349	1	Lever Ass-Y. Gov.				
258	94512	1	Screw-Sem				
333	802574	1	Armature-Magneto				
334	94731	1	Screw-Sem				
356	497833	1	Wire-Stop				
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				
668	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.

Blower Housing And Flywheel Assembly Briggs And Stratton Model 12h807-1775-E1

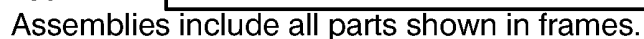
Ref	Part No.	Qty.	Description				
23	492175	1	Flywheel				
81	223664	1	Lock-Murmer Screw				
159	224815	1	Strap-Bracket				
2 3 4 163	272653	1	Gasket-Cleaner, Air				
300	497838	1	Muffler-Exhaust				
304	493293	1	Housing-Blower				
305	94744	1	Screw-Hex				
332	92284	1	Nut				
363	19069	1	Puller-Flywheel				
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				
2 3 4 883	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 Model 12h807-1775-E1

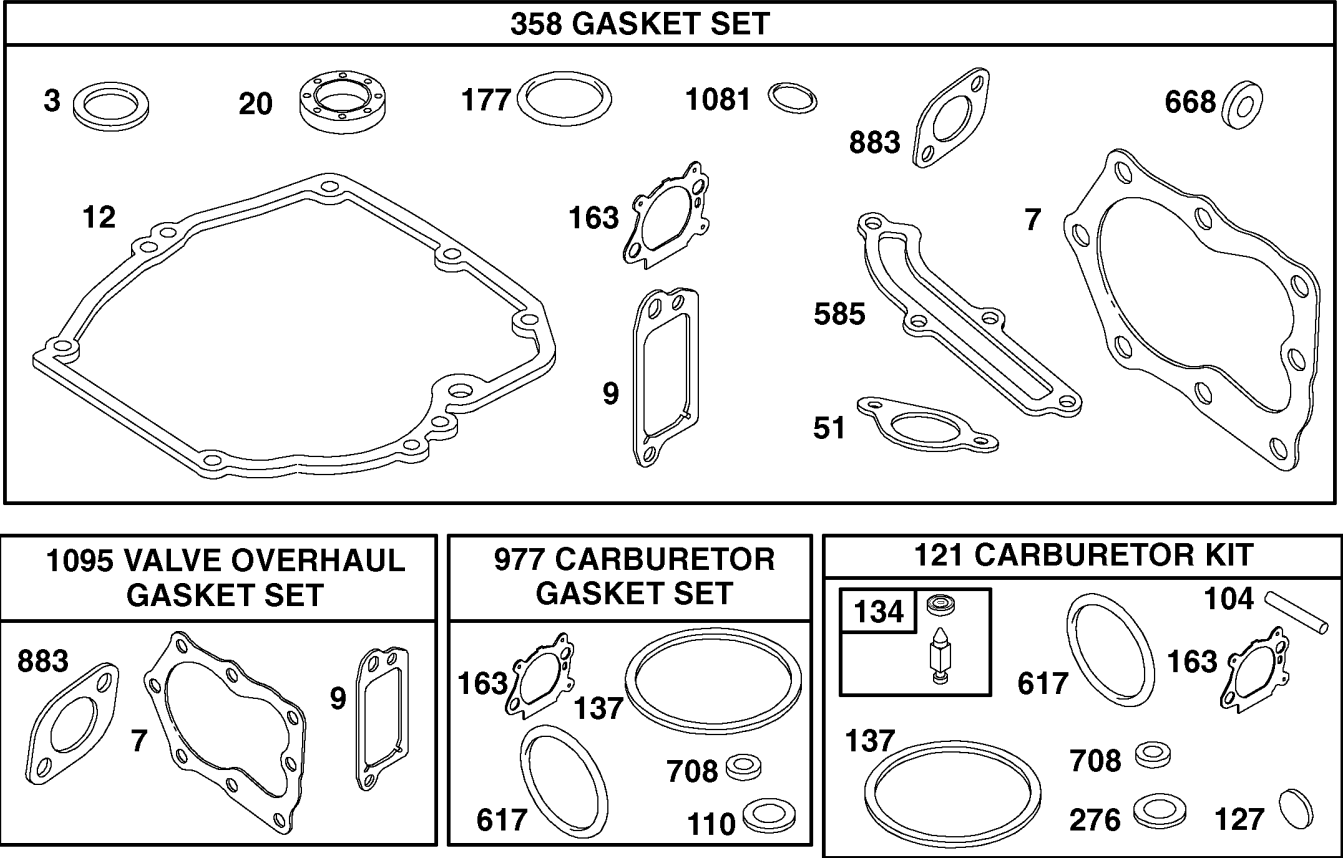
Ref	Part No.	Qty.	Description				
55	497440	1	Rewind Starterhousing				
56	498144	1	Pulley/Spring ASM				
58	280399	1	Rope-Starter (Cut To Required Length)				
60	281434	1	Grip-Rope, Starter				
65	94686	1	Screw-Hex.				
187	492791	1	Hose-Fuel				
190	94511	1	Screw-Hex.				
456	281503	1	Retainer-Spring				
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				



Electric Starter Assembly

Briggs And Stratton Model 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 Assembly
Briggs And Stratton Model 12h807-1775-E1

Ref	Part No.	Qty.	Description				
23	299819	1	Seal-Oil				
257	272916	1	Gasket-Cylinder Hd				
259	272481	1	Gasket-Breather				
212	272198	1	Gasket				
220	399781	1	Seal-Oil				
251	272199	1	Gasket-Intake				
4104	231371	1	Spring				
34276	271716	1	Washer-Sealing				
2177	280393	1	O-Ring Seal				
121	498260	1	Carburetor Overhaul Kit				
4127		1	Plug-Welch (Sold In Kit Only)				
4134	398188	1	Needle/Seat Kit				
34137	693981	1	Gasket-Bowl, Float				
25163	272653	1	Gasket-Cleaner, Air				
4							
358	497316	1	Engine Gasket Set				
2585	272238	1	Gasket-Breather				
34617	270344	1	Seal-O Ring				
34708	691321	1	Seal-Shaft, Choke/Throttle				
2668	493823	1	Spacer (Includes 2)				
25883	272253	1	Gasket-Exhaust				
977	498261	1	Carburetor Gasket Set				
21081	280966	1	O-Ring Seal				
1095	498528	1	Valve Gasket Set				

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