



CCR[™] 2450 GTS[®] Snowthrower

Model No. 38515 - 220000001 and up.

Model No. 38516 - 220000001 and up.

Model No. 38535 - 220000001 and up.

Model No. 38536 - 220000001 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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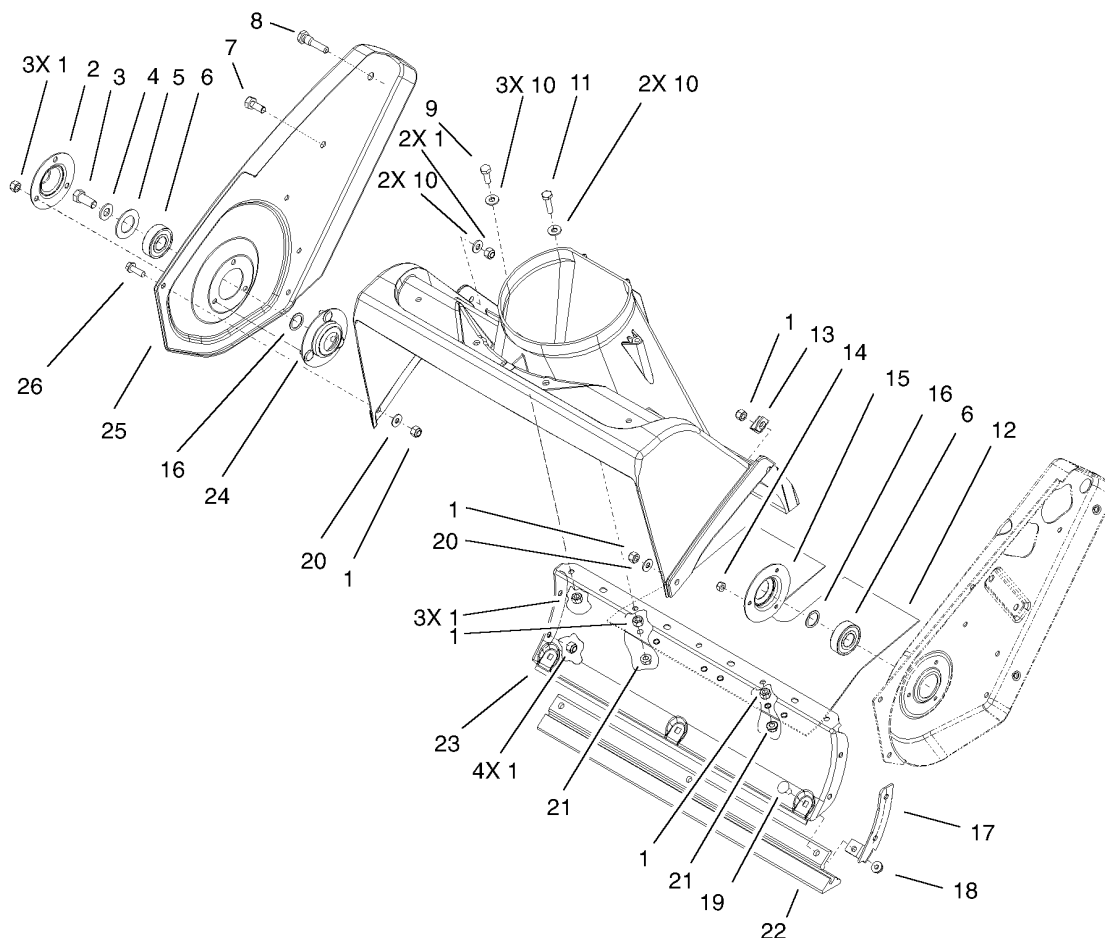
Part Description Abbreviations

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

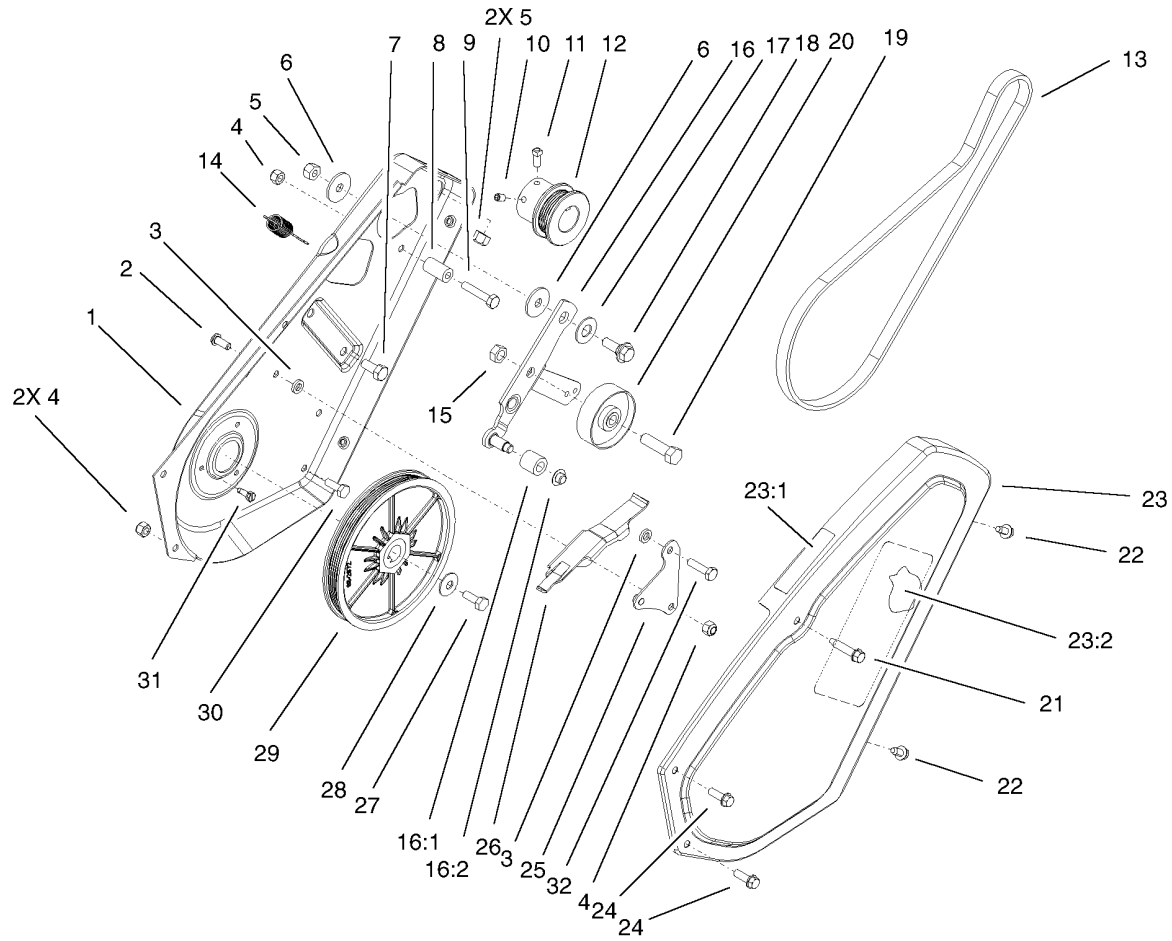
Footnotes

- ❶ Not illustrated
- ❷ Not serviced separately
- ❸ Obtain from your local Briggs & Stratton dealer



Housing And Side Plate Assembly

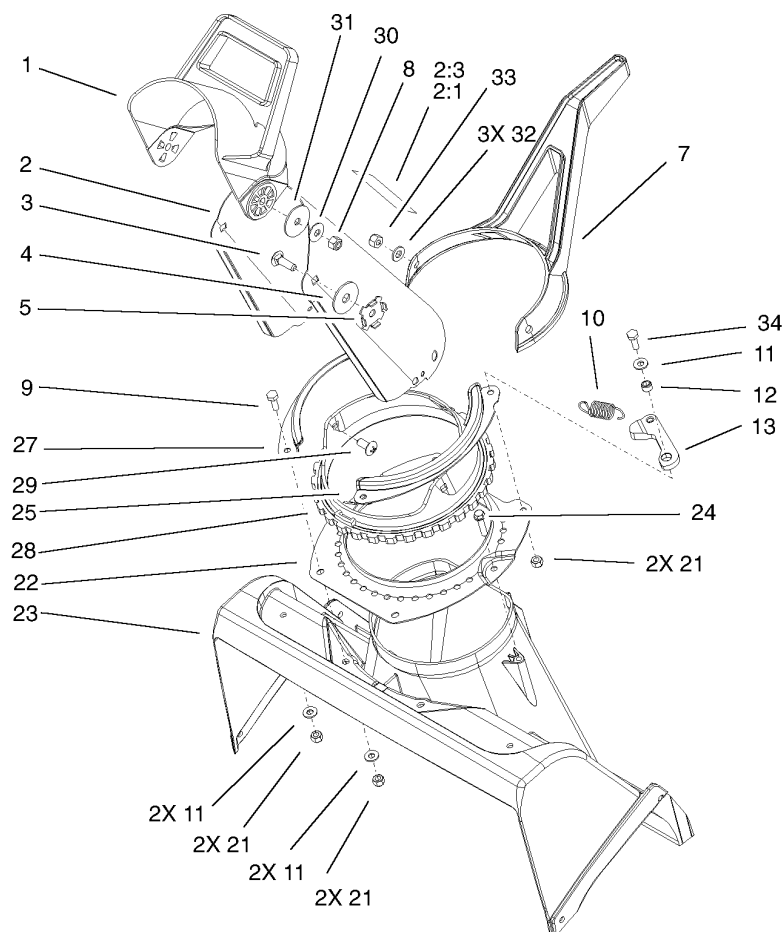
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	3296-42	17	Nut-Lock, NI	25	105-1952-03	1	Sideplate-Right
2	52-7290-03	1	Retainer-Bearing	26	32105-15	5	Screw
3	3234-25	1	Screw-HHF				
4	3256-24	1	Washer-Flat				
5	52-7270	1	Washer-Rubber				
6	100-1048	2	Bearing-Ball				
7	322-43	1	Screw-HH				
8	38-8211	1	Pin-Rotor				
9	321-4	3	Screw-HH				
10	3256-22	7	Washer-Flat				
11	321-6	2	Screw-HH				
12	55-9512	1	Cover-Bottom				
13	55-9430	1	Bracket-Housing				
14	3296-2	3	Nut-Lock				
15	38-8620	1	Flange-Bearing				
16	52-7280	2	Washer-Thrust				
17	56-2610	1	Bracket-Housing, Lower				
18	32149-2	3	Nut-Keps				
19	3229-11	3	Screw-CARR				
20	3256-1	2	Washer-Flat				
21	32128-10	2	Nut-Lock, HHF				
22	55-8760	1	Scraper				
23	105-1967-03	1	Housing-Lower				
24	52-9110	1	Flange-Bearing				



Impeller Drive Assembly

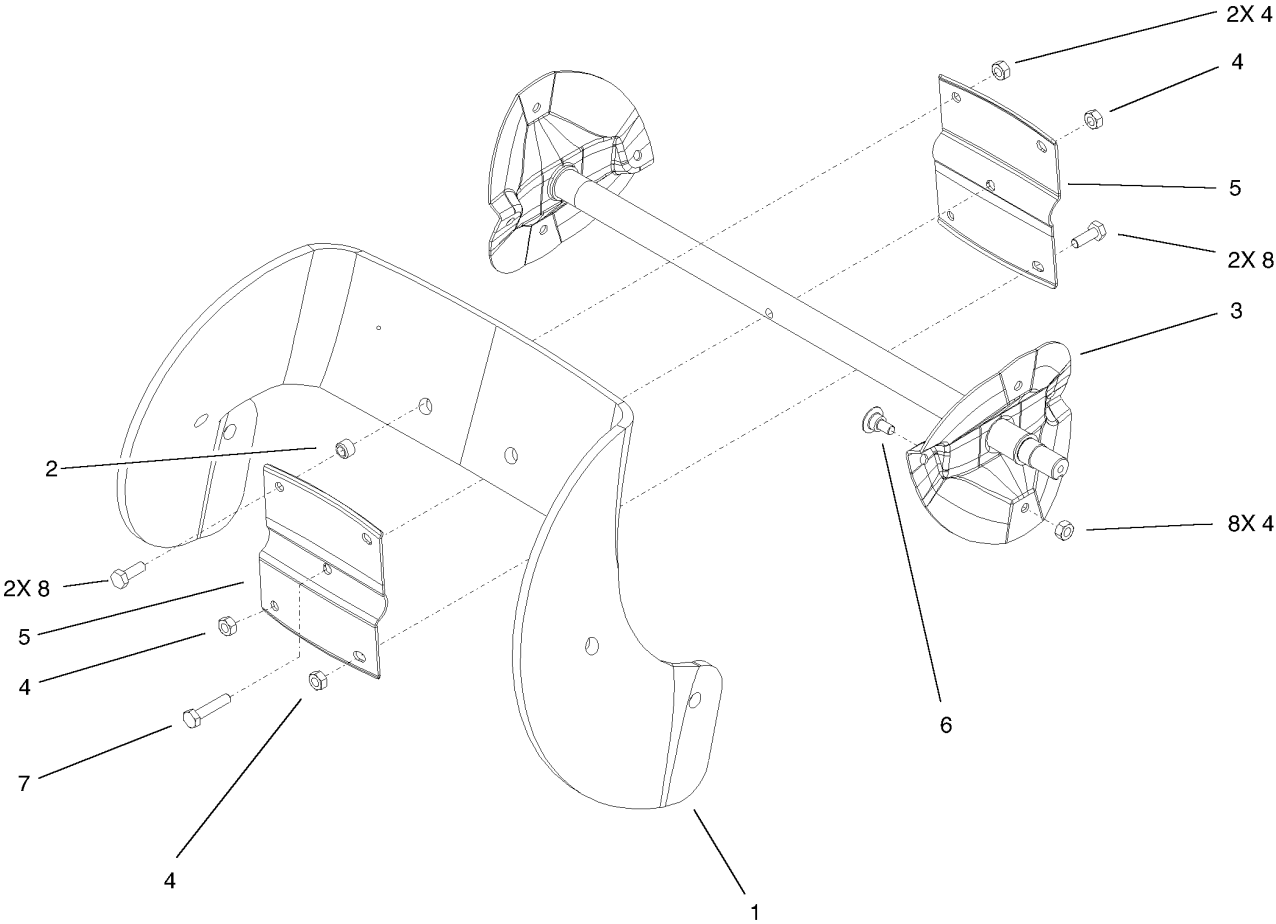
Ref	Part No.	Qty.	Description
1	55-8851-03	1	Plate-Side, LH
2	3274-31	1	Screw-HSBH
3	55-9620	2	Spacer-Plate, Pivot
4	3296-42	4	Nut-Lock, NI
5	3296-29	3	Nut-Lock, NI
6	5-4460	2	Washer-Pivot
7	322-3	2	Screw-HH
8	55-9530	1	Sleeve-Guide, Belt
9	321-13	1	Screw-HH
10	3245-41	1	Screw-HSH
11	3241-7	1	Screw-SQH
12	95-2673	1	Pulley-Engine
13	95-6151	1	Belt-Drive
14	55-9280	1	Spring-Extension
15	32152-2	1	Nut-Lock, Cone
16	105-3542	1	Idler Arm ASM
16:1	55-9520	1	Roller-Brake
16:2	32112-11	1	Nut-Push
17	25-5640	1	Washer
18	27-0410	1	Screw-Shoulder
19	323-29	1	Screw-HH
20	55-9290	1	Pulley-Idler
21	36-3860	1	Screw-HWH, TAP
22	12-3270	2	Screw

Ref	Part No.	Qty.	Description
23	105-1998	1	Drive-Cover W/Decal Ce (Only On: 38535, 38536)
23	105-1997	1	Drive-Cover W/Decal (Only On: 38515, 38516)
23:1	104-2767	1	Decal-Hot Surface (Only On: 38515, 38516)
23:1	94-2561	1	Decal-Hot (Only On: 38535, 38536)
23:2	60-9480	1	Decal
24	32105-15	2	Screw
25	55-9570	1	Pivot Plate ASM
26	55-9550	1	Brake-Arm
27	321-30	1	Screw-HH
28	3290-456	1	Washer-Belleville
29	95-2672	1	Pulley Rotor ASM
30	321-4	2	Screw-HH
31	32105-8	3	Screw-SHH
32	321-6	1	Screw-HH



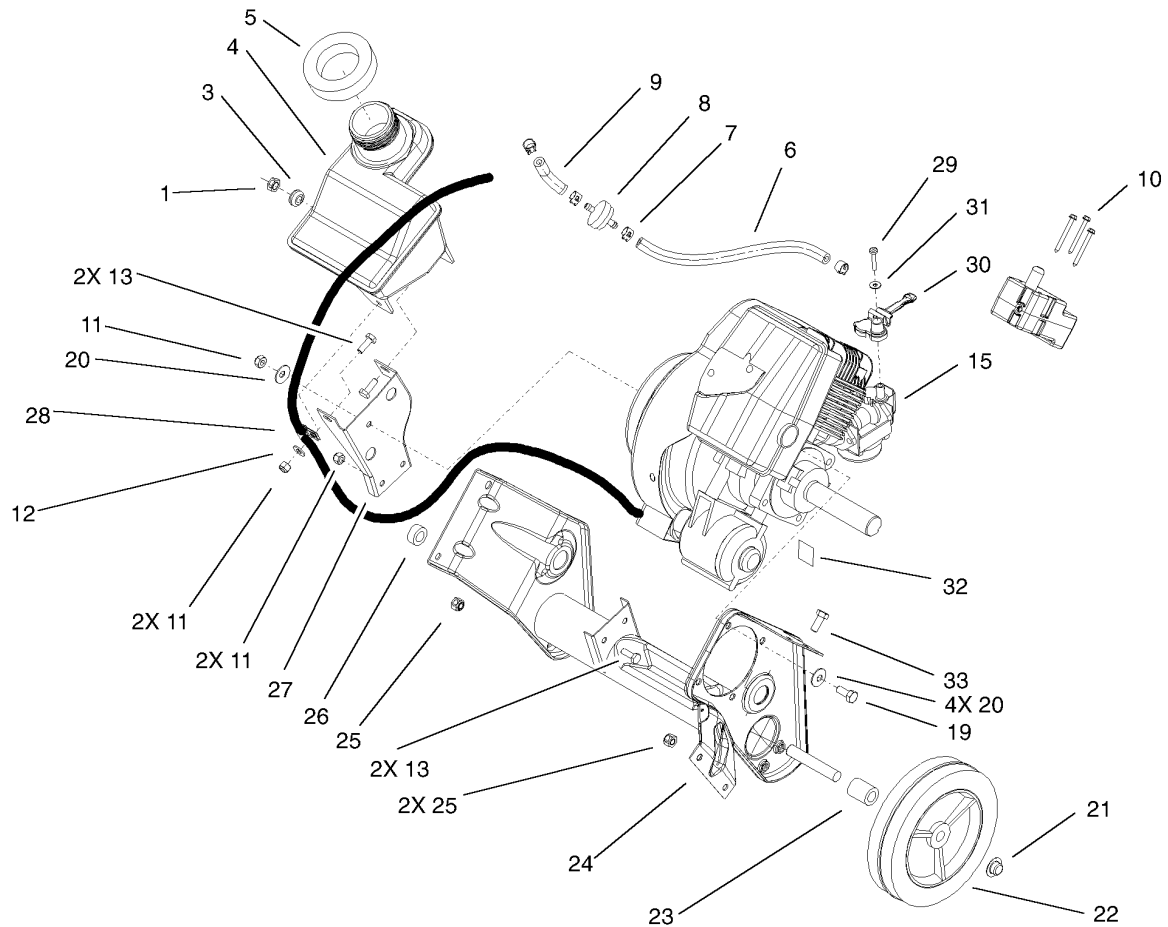
Chute Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	56-2680	1	Chute-Deflector	28	104-2763	1	Ring-Chute
2	104-4115	1	Chute ASM W/Decal (Only On: 38515, 38516)	29	100-5487	3	Screw-PTH
2	94-2791	1	Chute ASM W/Decal (Only On: 38535, 38536)	30	3290-456	2	Washer-Belleville
2:1	104-4135	1	Decal-Danger (Only On: 38515, 38516)	31	3256-68	2	Washer-Flat
2:3	94-2901	1	Decal-Danger Discharge (Only On: 38535, 38536)	32	3256-70	3	Washer-Flat
3	3230-22	2	Screw-CARR	33	3296-47	3	Nut-Lock, NI
4	20-4320	2	Washer-Rubber	34	321-6	1	Screw-HH
5	55-8950	2	Plate-Friction				
7	94-9914	1	Handle-Control, Chute				
8	3296-29	2	Nut-Lock, NI				
9	321-4	3	Screw-HH				
10	80-4600	1	Spring-Extension				
11	3256-22	5	Washer-Flat				
12	55-9370	1	Spacer-Blade, Rotor				
13	80-4610	1	Detent				
21	3296-42	6	Nut-Lock, NI				
22	55-8921-03	1	Ring-Support, Chute				
23	105-1950	1	Housing-Rotor, Upper				
24	46-8092	2	Screw-Plastite				
25	71-4980-03	1	Retainer-Chute, LH				
27	71-4990-03	1	Retainer-Chute, RH				



Impeller Assembly

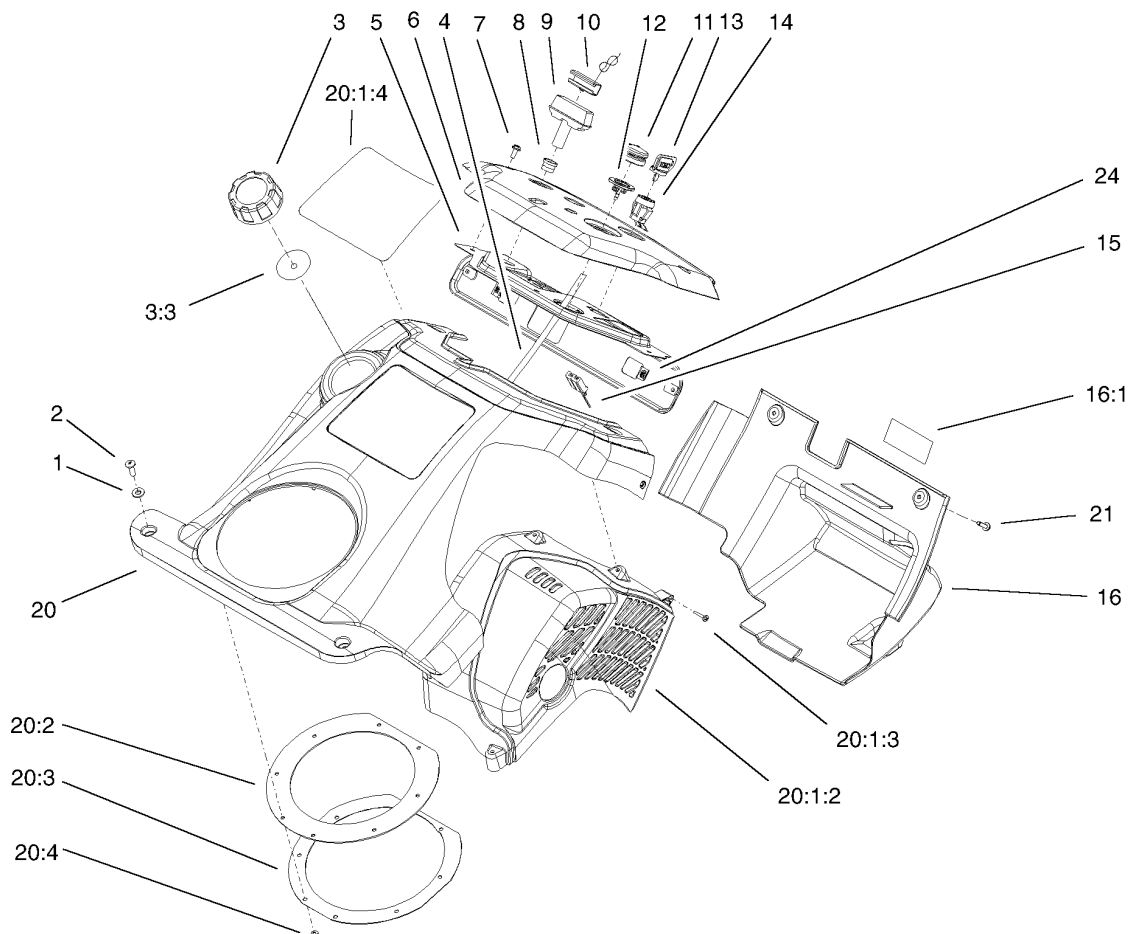
Ref	Part No.	Qty.	Description				
1	99-9313	2	Blade-Rotor				
2	55-9370	4	Spacer-Blade, Rotor				
3	100-5478-03	1	Rotor ASM				
4	3296-56	13	Nut-Lock, NI				
5	66-6600-03	2	Half-Rotor				
6	84-1971	8	Screw				
7	321-8	1	Screw-HH				
8	321-4	4	Screw-HH				



Engine And Frame Assembly

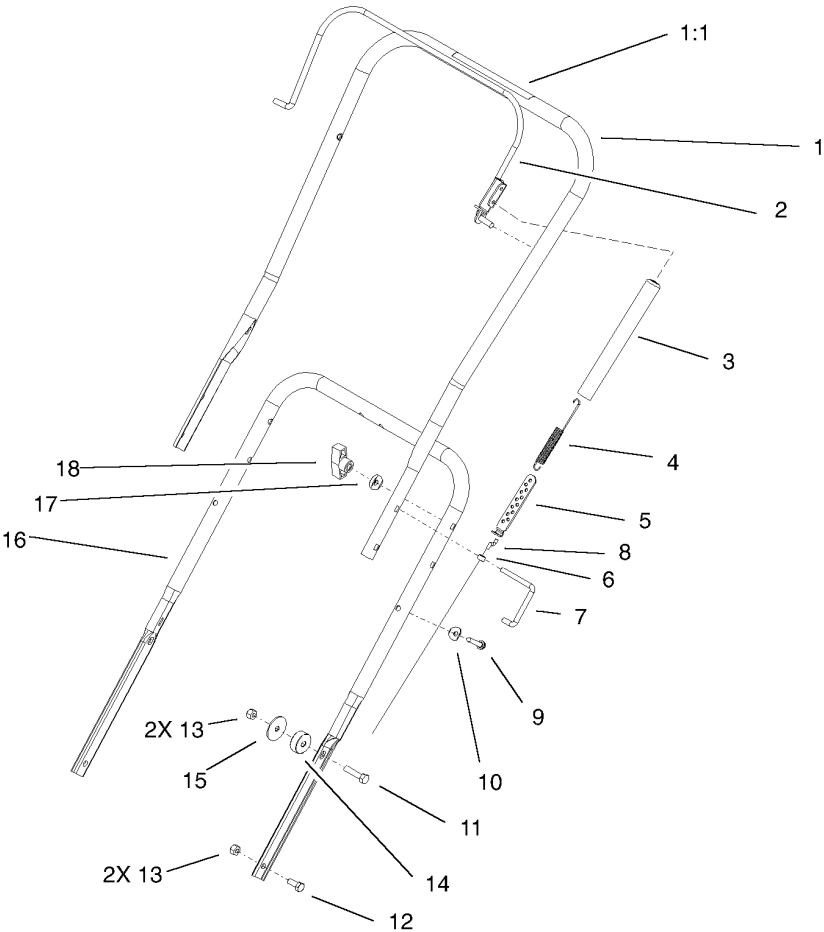
Ref	Part No.	Qty.	Description
1	32152-8	1	Nut-Lock, Cone
3	237-89	1	Grommet-Rubber
4	94-9920	1	Tank-Gas
5	55-9310	1	Seal-Foam
6	49-2482	1	Line-Fuel
7	2412-98	4	Clamp
8	56-6360	1	Filter-Fuel
9	94-9932	1	Hose-Fuel
10	32144-27	3	Screw-Plastite (Only On: 38516, 38536)
11	3296-42	5	Nut-Lock, NI
12	3256-22	2	Washer-Flat
13	321-4	4	Screw-HH
15		1	Engine-Briggs And Stratton, 084132-0120-E1 (Only On: 38515, 38535)
15		1	Engine-Briggs And Stratton, 084133-0196-E1 (Only On: 38516, 38536)
19	322-3	4	Screw-HH
20	3290-456	5	Washer-Belleville
21	32112-14	2	Nut-Push
22	66-6510	2	Wheel
23	66-6501	1	Spacer-Wheel
24	105-1965-03	1	Frame

Ref	Part No.	Qty.	Description
25	3296-29	3	Nut-Lock, NI
26	66-6500	1	Spacer-Wheel
27	105-1968-03	1	Bracket-Support, Recoil
28	2412-91	1	Clamp (Only On: 38516, 38536)
29	32144-97	1	Screw-PPH, Plastite
30	104-0878	1	Lever-Choke
31	104-4143	1	Washer
32	104-9742	1	Decal-Level, Noise (Eec 104)(Only On: 38535, 38536)
33	322-43	2	Screw-HH
1	104-9705	1	Cord-Electric (Only On: 38516)



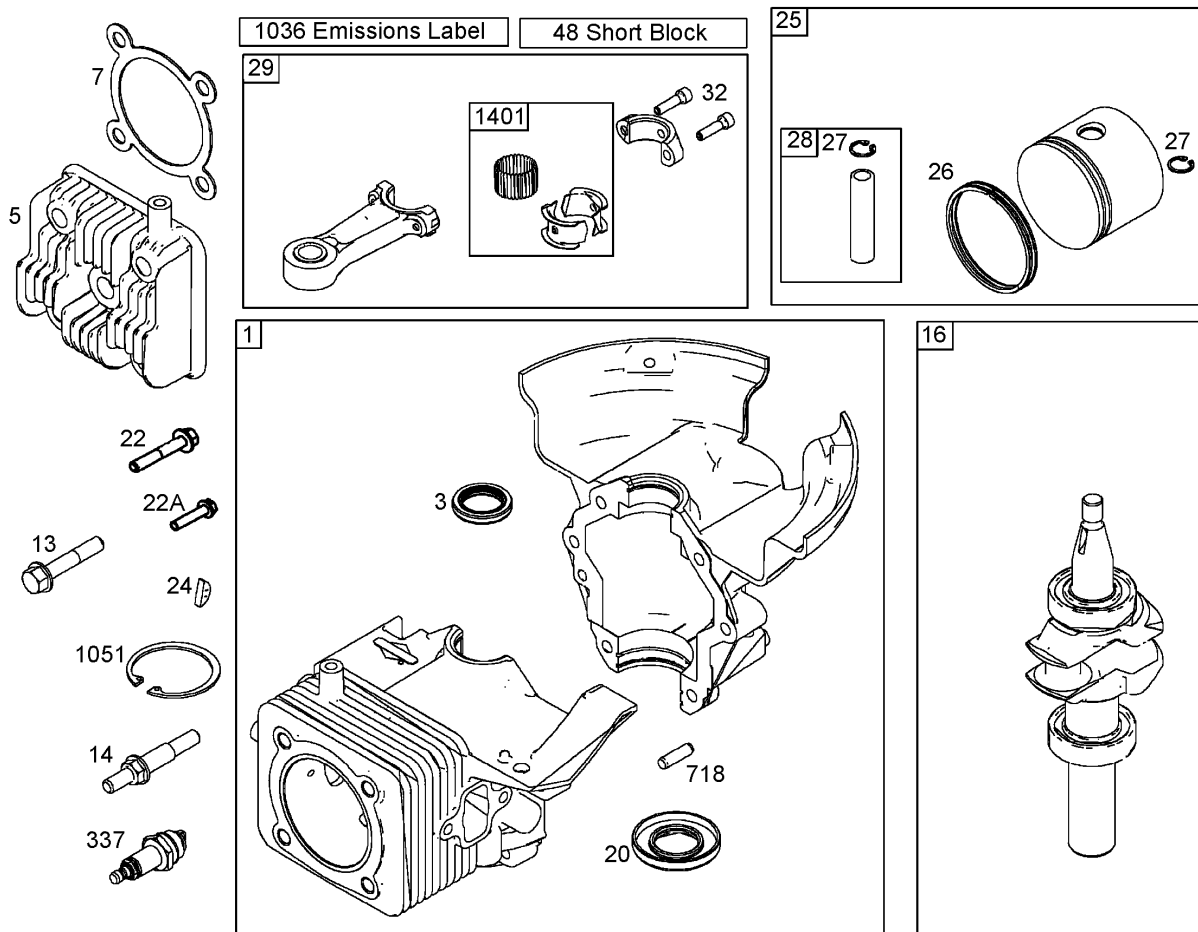
Upper Shroud And Control Panel Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	3256-22	2	Washer-Flat	16:1	61-4790	1	Decal (Only On: 38516)
2	3250-32	2	Screw-PPH	20	105-1989	1	Upper Shroud ASM. E, 2450 (Only On: 38516, 38536)
3	55-3573	1	Cap-Fuel ASM	20	105-1988	1	Upper Shroud ASM. R, 2450 (Only On: 38515, 38535)
3:3	56-6110	1	Gasket-Vented	20:1		1	Upper Shroud ASM R, 2450 (Only On: 38515, 38535)
4	98-1372	1	Hose-Primer	20:1		1	Upper Shroud ASM E, 2450 (Only On: 38516, 38536)
5	105-1999-03	1	Panel-Support, Control	20:1:2	105-1956	1	Shield-Heat
6	105-3521	1	Panel-Control, R (Only On: 38515)	20:1:3	94-4496	5	Screw-PPH
6	105-3522	1	Panel-Control, R (Only On: 38535)	20:1:4	105-3509	1	Decal-Upper Shroud E, 2450 (Only On: 38516, 38536)
6	105-3523	1	Panel-Control, E (Only On: 38516)	20:1:4	105-3508	1	Decal-,Upper Shroud R, 2450 (Only On: 38515, 38535)
6	105-3524	1	Panel-Control, E (Only On: 38536)	20:2	55-9260	1	Seal-Chute
7	32144-112	3	Screw-HWH	20:3	55-9540-03	1	Retainer-Seal, Chute
8	55-9410	1	Guide-Rope, Starter	20:4	3290-474	8	Palnut
9	612825	1	Handle-Start	21	32144-112	2	Screw-HWH
10	612824	1	Clip-Starter	24	100-9889	2	Nut-Speed
11	66-7460	1	Bulb-Primer				
12	44-2750	1	Body-Primer				
13	63-8360	1	Key-Ignition				
14	40-5940	1	Switch				
15	218-532	1	Connector-Body				
16	105-1964	1	Shroud-Lower Ce (Only On: 38535, 38536)				
16	105-1995	1	Shroud-Lower W/Decal (Only On: 38516)				
16	105-1957	1	Shroud-Lower (Only On: 38515)				



Handle Assembly

Ref	Part No.	Qty.	Description				
1	95-2668	1	Handle-Upper W/Decal (Only On: 38535, 38536)				
1	95-2667	1	Handle-Upper W/Decal (Only On: 38515, 38516)				
1:1	94-2577	1	Decal-Rotor Drive (Only On: 38535, 38536)				
2	71-5120-03	1	Bail ASM				
3	71-5530	1	Cover-Spring				
4	71-5480	1	Spring-Clutch				
5	55-9380	1	Adjuster-Cable				
6	2412-112	1	Clamp				
7	98-2266	2	Lock-Handle				
8	94-9922	1	Cable-Clutch				
9	61-8640	2	Screw				
10	3-7501	1	Washer				
11	322-17	2	Screw-HH				
12	322-3	2	Screw-HH				
13	3296-29	4	Nut-Lock, NI				
14	105-1961	2	Spacer				
15	3256-68	2	Washer-Flat				
16	55-9121-03	1	Handle-Lower				
17	75-9130	2	Washer-Curved				
18	98-7134	2	Knob-Handle				



Cylinder, Piston, and Connecting Rod Assemblies Briggs and Stratton 084132-0120-E1

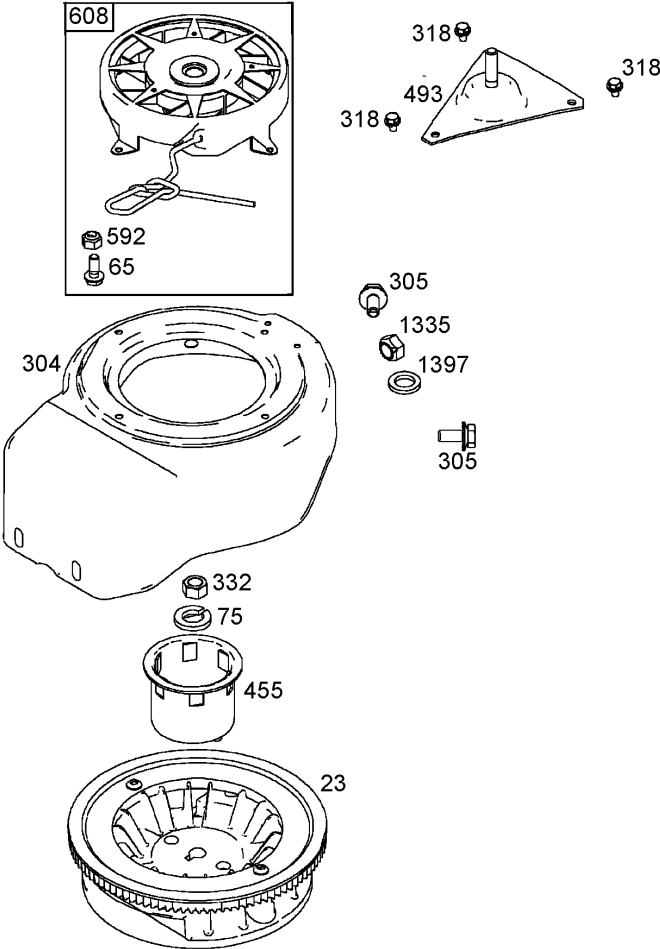
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	801260	1	Cylinder ASM	1401	801290	1	Roller-Strip
3	801262	1	Seal-Oil				
5	801283	1	Head-Cylinder				
7	801263	1	Gasket-Head, Cylinder				
13	801264	1	Screw (Cylinder Head)				
14	801265	1	Stud (Cylinder Head)				
16	801220	1	Crankshaft				
20	801261	1	Seal-Oil				
22	801266	1	Screw (Crankcase Cover And Sump)				
22A	801271	1	Screw (Crankcase Cover And Sump)				
24	801234	1	Key-Flywheel				
25	801279	1	Piston ASM				
26	801280	1	Ring Set				
27	801275	1	Lock-Pin, Piston				
28	801276	1	Pin-Piston				
29	801277	1	Rod-Connecting				
32	801278	1	Screw				
48	801284	1	Short Block				
337	801254	1	Plug-Spark				
718	690959	1	Pin-Locating				
1051	801274	1	Ring-Retaining				
1036	801294	1	Label-Emissions				



Muffler, Carburetor, and Intake Manifold Assemblies Briggs and Stratton 084132-0120-E1

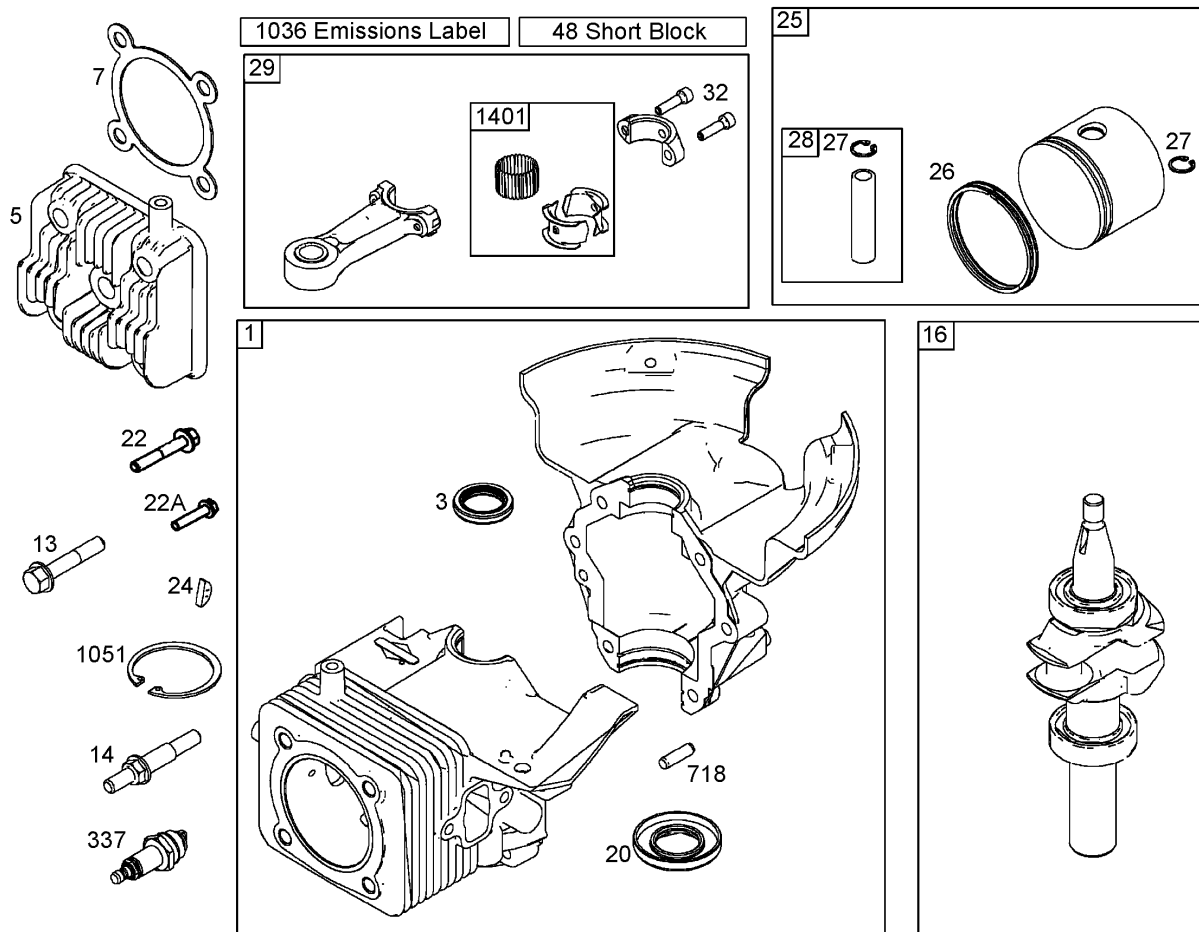
Ref	Part No.	Qty.	Description
50	801232	1	Manifold-Intake
51	801224	1	Gasket-Intake
54	801230	1	Screw (Intake Manifold)
97	801306	1	Shaft-Throttle
106	801317	1	Seat-Inlet
109	801307	1	Shaft-Choke
117	801310	1	Jet-Main
125	801233	1	Carburetor
133	801316	1	Float-Carburetor
142	801313	1	Nozzle-Carburetor
147	801308	1	Jet-Pilot
163	801227	1	Gasket-Cleaner, Air
200	801289	1	Blade-Governor
201	801225	1	Link-Vane, Air
209	801223	1	Spring-Governor
300	801250	1	Muffler
333	801268	1	Armature-Magneto
334	801267	1	Screw
426	801231	1	Screw
613	801251	1	Screw
654	801324	1	Nut (Intake Manifold) (Used Before Engine Code Date 05042600)
711	801229	1	Screw

Ref	Part No.	Qty.	Description
780	801228	1	Anchor-Spring
789	801253	1	Wire ASM
883	801252	1	Gasket-Exhaust
977	801312	1	Gasket Set-Carburetor
996	801226	1	Shield-Carburetor
1127	801318	1	Screw



Flywheel, Blower Housing, and Rewind Starter Assemblies
Briggs and Stratton 084132-0120-E1

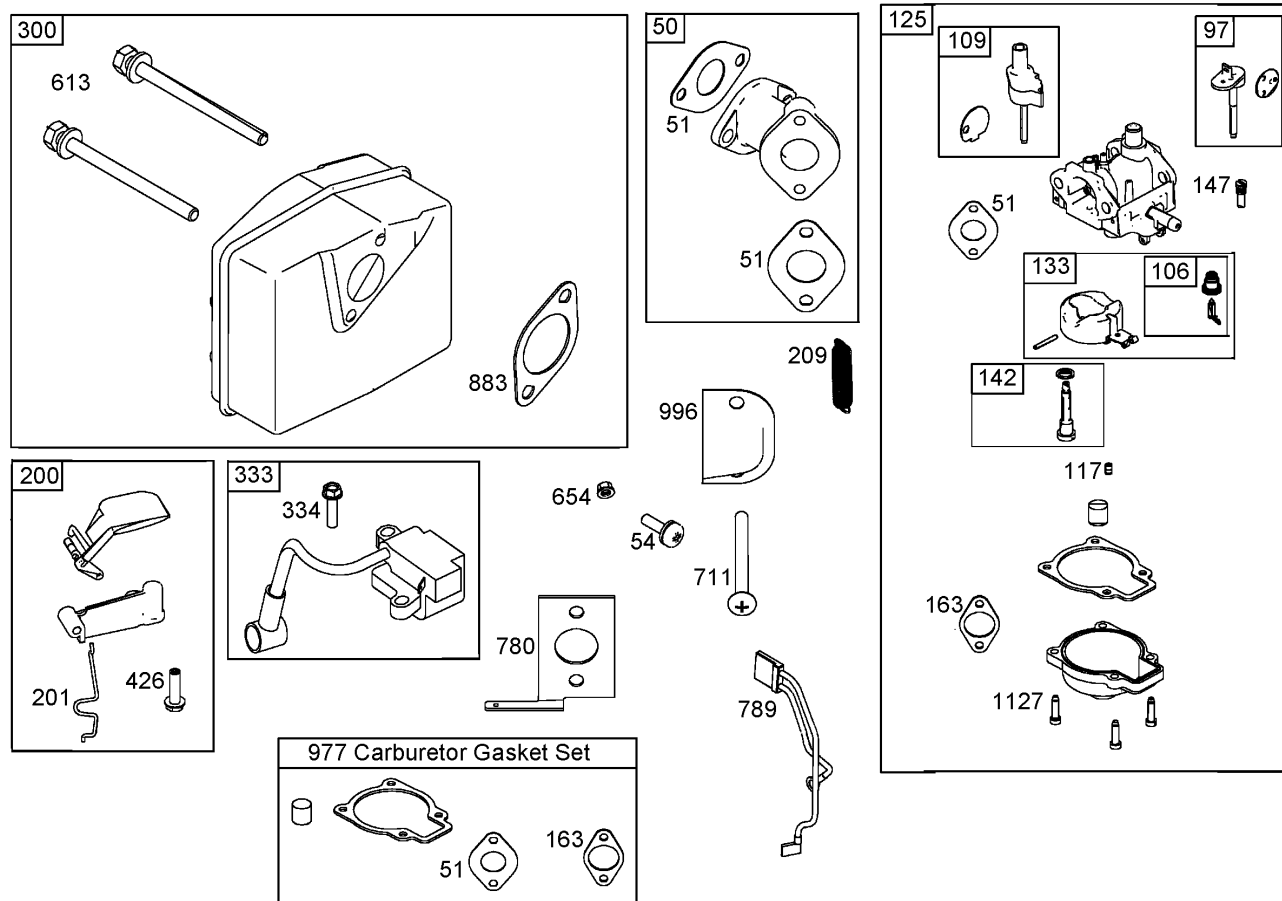
Ref	Part No.	Qty.	Description				
❶23	801246	1	Flywheel				
❶65	801243	1	Screw				
❶75	801237	1	Washer				
❶304	801257	1	Housing-Blower				
❶305	801239	1	Screw				
❶318	801241	1	Screw				
❶332	801238	1	Nut				
❶455	801235	1	Cup-Flywheel				
❶493	801240	1	Bracket-Mounting				
❶592	801244	1	Nut				
❶608	801242	1	Starter-Rewind				
❶1335	801269	1	Nut				
❶1397	801270	1	Washer				



Cylinder, Piston, and Connecting Rod Assemblies

Briggs and Stratton 084133-0196-E1

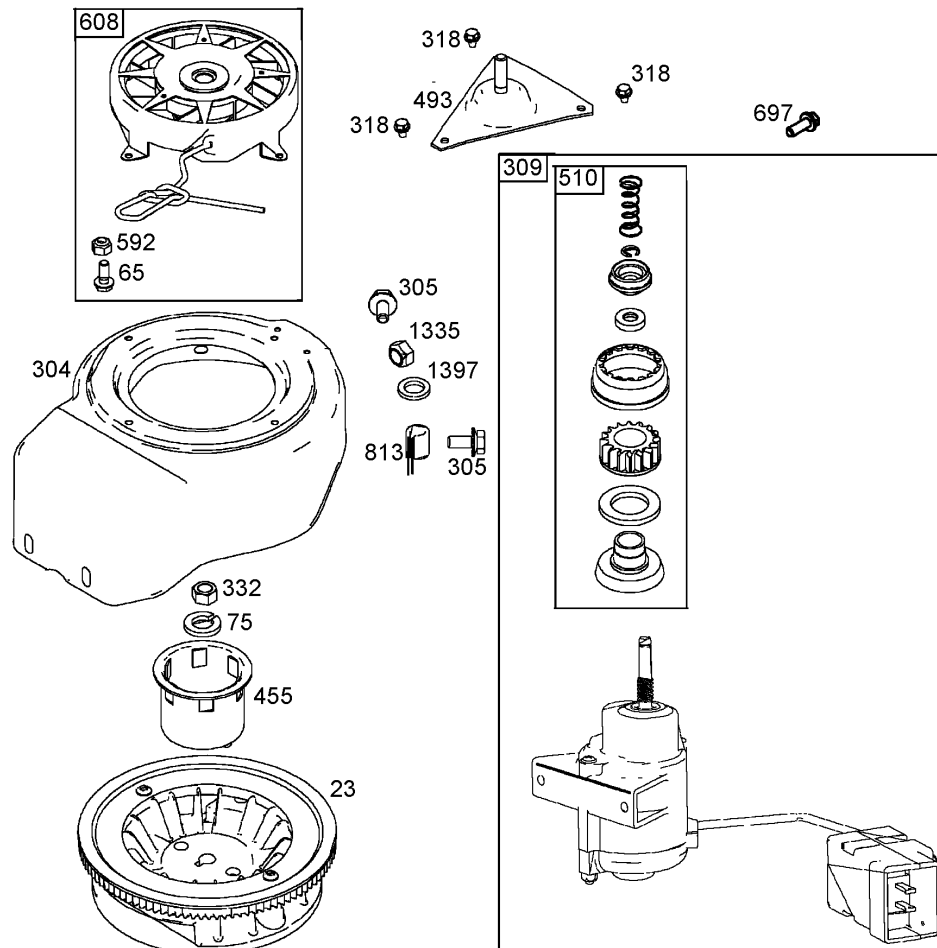
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	801322	1	Cylinder ASM	1401	801290	1	Roller-Strip
3	801262	1	Seal-Oil				
5	801283	1	Head-Cylinder				
7	801263	1	Gasket-Head, Cylinder				
13	801264	1	Screw (Cylinder Head)				
14	801265	1	Stud (Cylinder Head)				
16	801220	1	Crankshaft				
20	801261	1	Seal-Oil				
22	801266	1	Screw (Crankcase And Cover Sump)				
22A	801271	1	Screw (Crankcase And Cover Sump)				
24	801234	1	Key-Flywheel				
25	801279	1	Piston ASM				
26	801280	1	Ring Set				
27	801275	1	Lock-Pin, Piston				
28	801276	1	Pin-Piston				
29	801277	1	Rod-Connecting				
32	801278	1	Screw				
48	801285	1	Short Block				
337	801254	1	Plug-Spark				
718	690959	1	Pin-Locating				
1036	801294	1	Label-Emissions				
1051	801274	1	Ring-Retaining				



Muffler, Carburetor, and Intake Manifold Assemblies Briggs and Stratton 084133-0196-E1

Ref	Part No.	Qty.	Description
50	801232	1	Manifold-Intake
51	801224	1	Gasket-Intake
54	801230	1	Screw (Intake Manifold)
97	801306	1	Shaft-Throttle
106	801317	1	Seat-Inlet
109	801307	1	Shaft-Choke
117	801310	1	Jet-Main
125	801233	1	Carburetor
133	801316	1	Float-Carburetor
142	801313	1	Nozzle-Carburetor
147	801308	1	Jet-Pilot
163	801227	1	Gasket-Cleaner, Air
200	801289	1	Blade-Governor
201	801225	1	Link-Vane, Air
209	801223	1	Spring-Governor
300	801250	1	Muffler
333	801268	1	Armature-Magneto
334	801267	1	Screw
426	801231	1	Screw
613	801251	1	Screw
654	801324	1	Nut (Intake Manifold) (Used Before Engine Code Date 05042600)
711	801229	1	Screw (Starter Motor)

Ref	Part No.	Qty.	Description
780	801228	1	Anchor-Spring
789	801253	1	Wire ASM
883	801252	1	Gasket-Exhaust
977	801312	1	Gasket Set-Carburetor
996	801226	1	Shield-Carburetor
1127	801318	1	Screw



Flywheel, Blower Housing, and Starter Assemblies Briggs and Stratton 084133-0196-E1

Ref	Part No.	Qty.	Description
923	801246	1	Flywheel
965	801243	1	Screw
975	801237	1	Washer
9304	801236	1	Housing-Blower
9305	801239	1	Screw (Blower Housing)
9309	801247	1	Motor-Starter
9318	801241	1	Screw
9332	801238	1	Nut
9455	801235	1	Cup-Flywheel
9493	801240	1	Bracket-Mounting
9510	801293	1	Drive-Starter
9592	801244	1	Nut
9608	801242	1	Starter-Rewind
9697	801248	1	Screw
9813	801249	1	Clamp
91335	801269	1	Nut
91397	801270	1	Washer

