



CCR[™] 3650 GTS[®] Snowthrower

Model No. 38517 - 220000001 and up.

Model No. 38518 - 220000001 and up.

Model No. 38537 - 220000001 and up.

Model No. 38538 - 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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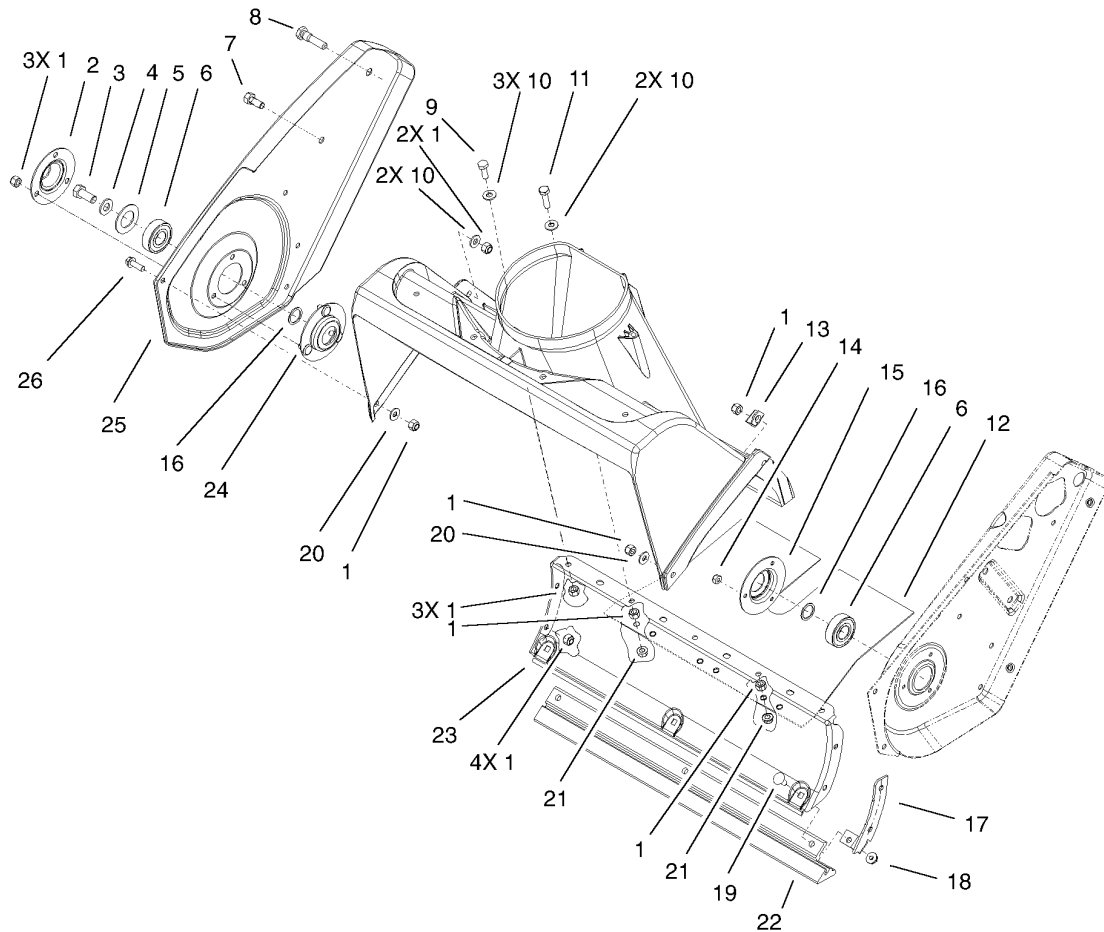
Part Description Abbreviations

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

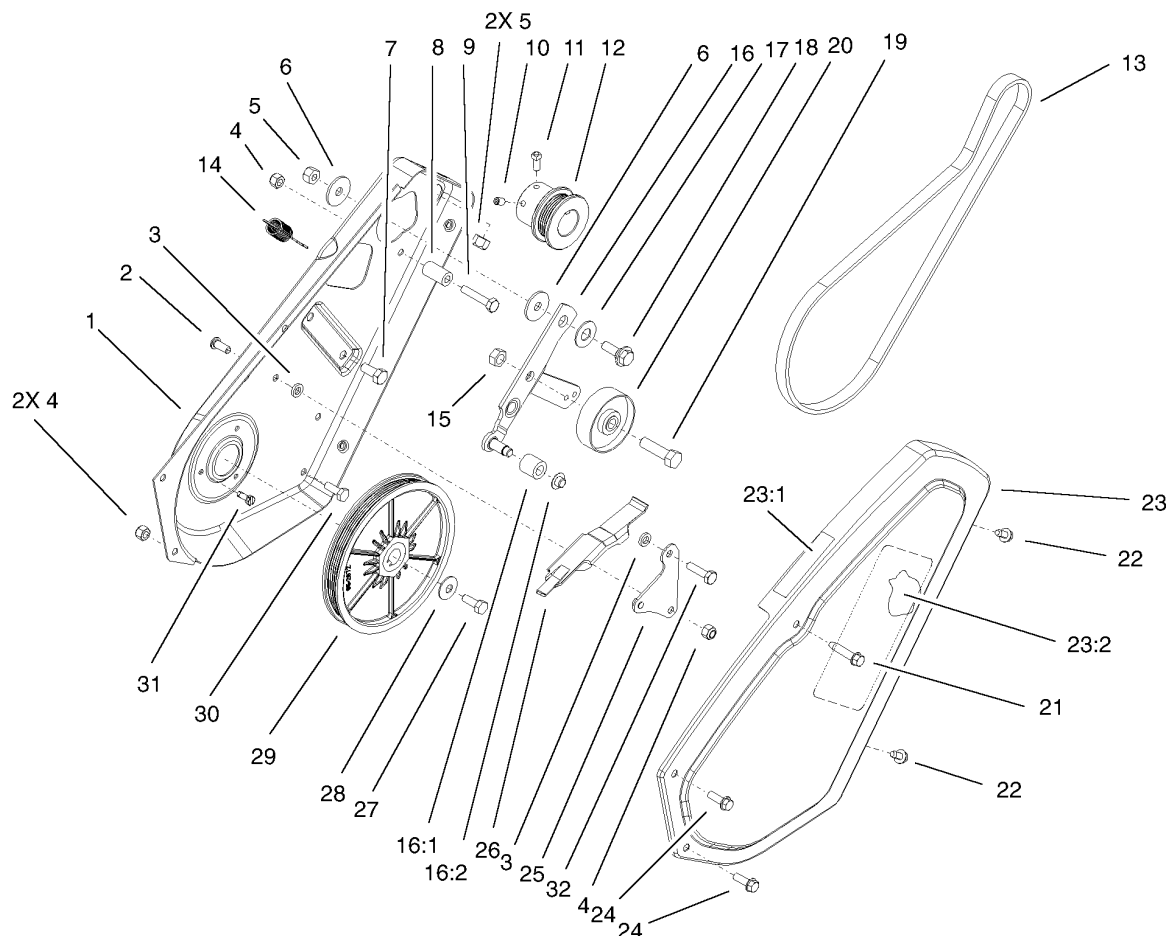
Footnotes

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



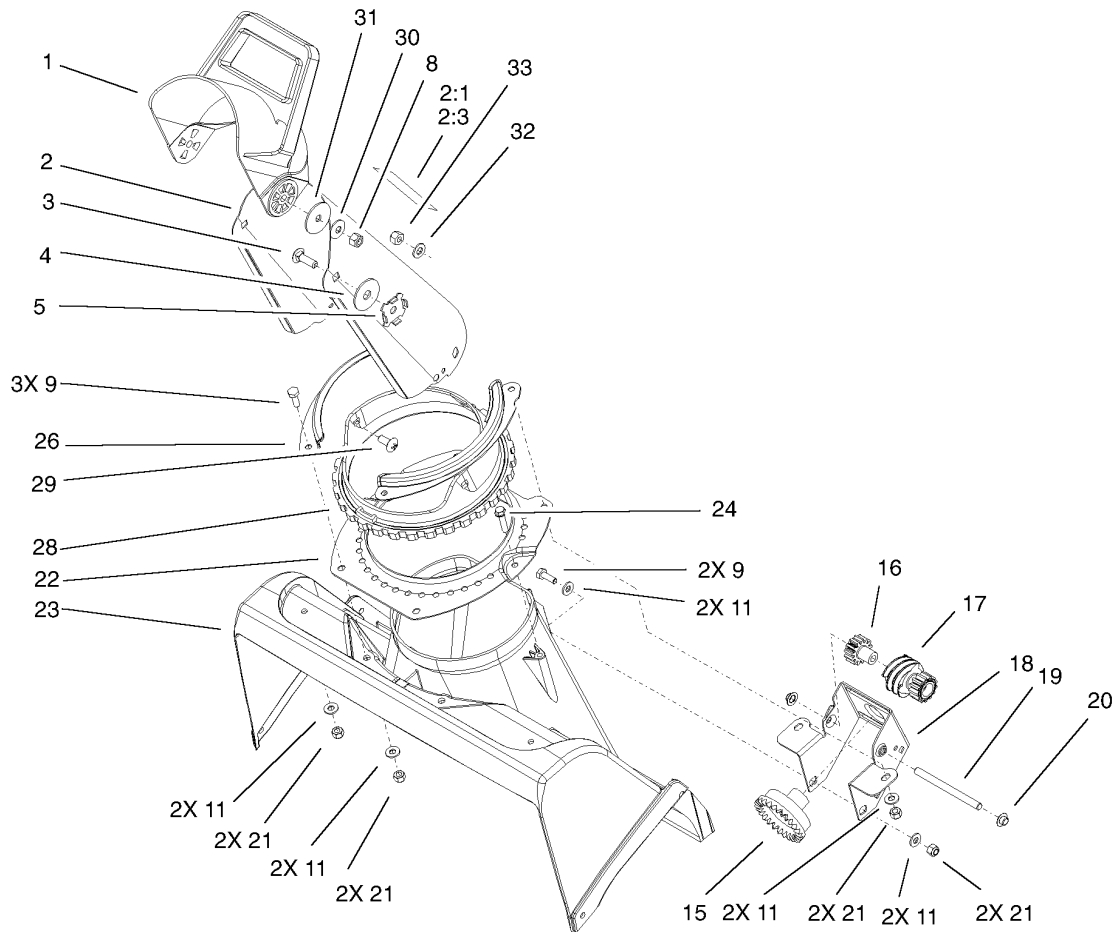
Housing And Side Plate Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	3296-42	17	Nut-Lock, NI (Only On: 38537, 38518, 38538)	24	52-9110	1	Flange-Bearing
2	52-7290-03	1	Retainer-Bearing	25	105-1952-03	1	Sideplate-Right
3	3234-25	1	Screw-HHF	26	32105-15	5	Screw
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				



Impeller Drive Assembly

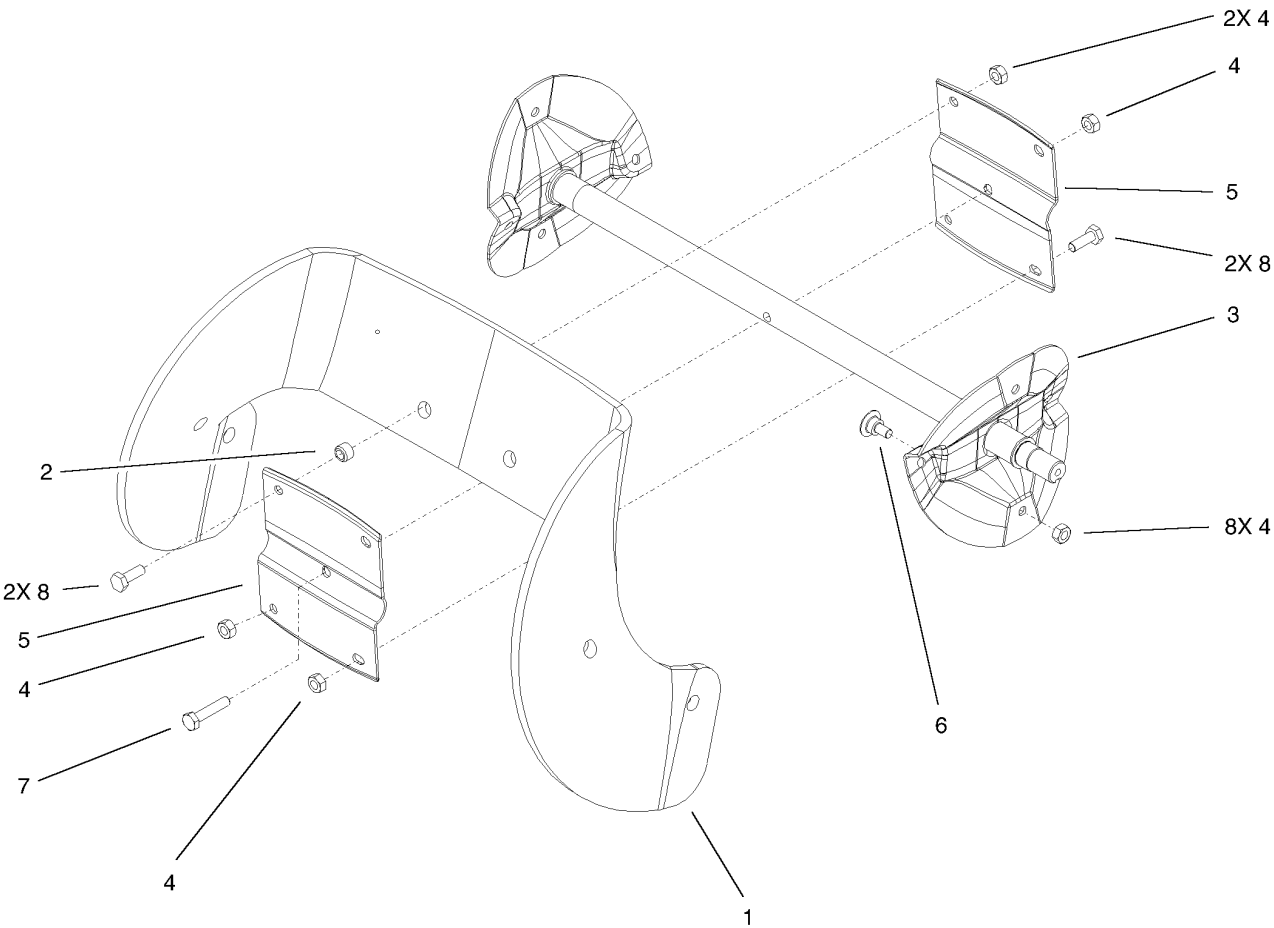
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	55-8851-03	1	Plate-Side, LH	23	105-1998	1	Drive-Cover W/Decal Ce (Only On: 38537, 38538)
2	3274-31	1	Screw-HSBH	23	105-1997	1	Drive-Cover W/Decal (Only On: 38517, 38518)
3	55-9620	2	Spacer-Plate, Pivot	23:1	94-2561	1	Decal-Hot (Only On: 38537, 38538)
4	3296-42	4	Nut-Lock, NI	23:1	104-2767	1	Decal-Hot Surface (Only On: 38517, 38518)
5	3296-29	3	Nut-Lock, NI	23:2	60-9480	1	Decal
6	5-4460	2	Washer-Pivot	24	32105-15	2	Screw
7	322-3	2	Screw-HH	25	55-9570	1	Pivot Plate ASM
8	55-9530	1	Sleeve-Guide, Belt	26	55-9550	1	Brake-Arm
9	321-13	1	Screw-HH	27	321-30	1	Screw-HH
10	3245-41	1	Screw-HSH	28	3290-456	1	Washer-Belleville
11	3241-7	1	Screw-SQH	29	95-2672	1	Pulley Rotor ASM
12	95-2673	1	Pulley-Engine	30	321-4	2	Screw-HH
13	95-6151	1	Belt-Drive	31	32105-8	3	Screw-SHH
14	55-9280	1	Spring-Extension	32	321-6	1	Screw-HH
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				



Chute Assembly

Ref	Part No.	Qty.	Description
1	56-2680	1	Chute-Deflector
2	94-2791	1	Chute ASM W/Decal (Only On: 38537, 38538)
2	104-4115	1	Chute ASM W/Decal (Only On: 38517, 38518)
2:1	104-4135	1	Decal-Danger (Only On: 38517, 38518)
2:3	94-2901	1	Decal-Danger Discharge (Only On: 38537, 38538)
3	3230-22	2	Screw-CARR
4	20-4320	2	Washer-Rubber
5	55-8950	2	Plate-Friction
8	3296-29	2	Nut-Lock, NI (Only On: 38537, 38518, 38538)
9	321-4	5	Screw-HH
11	3256-22	10	Washer-Flat
15	55-8740	1	Gear-Face
16	55-8750	1	Gear-Spur, Spacer
17	105-3512	1	Gear-Spur/Worm
18	105-3513-03	1	Bracket-Gear, Chute
19	55-9150	1	Shaft-Gear, Worm
20	32112-11	2	Nut-Push
21	3296-42	8	Nut-Lock, NI
22	55-8921-03	1	Ring-Support, Chute
23	105-1950	1	Housing-Rotor, Upper

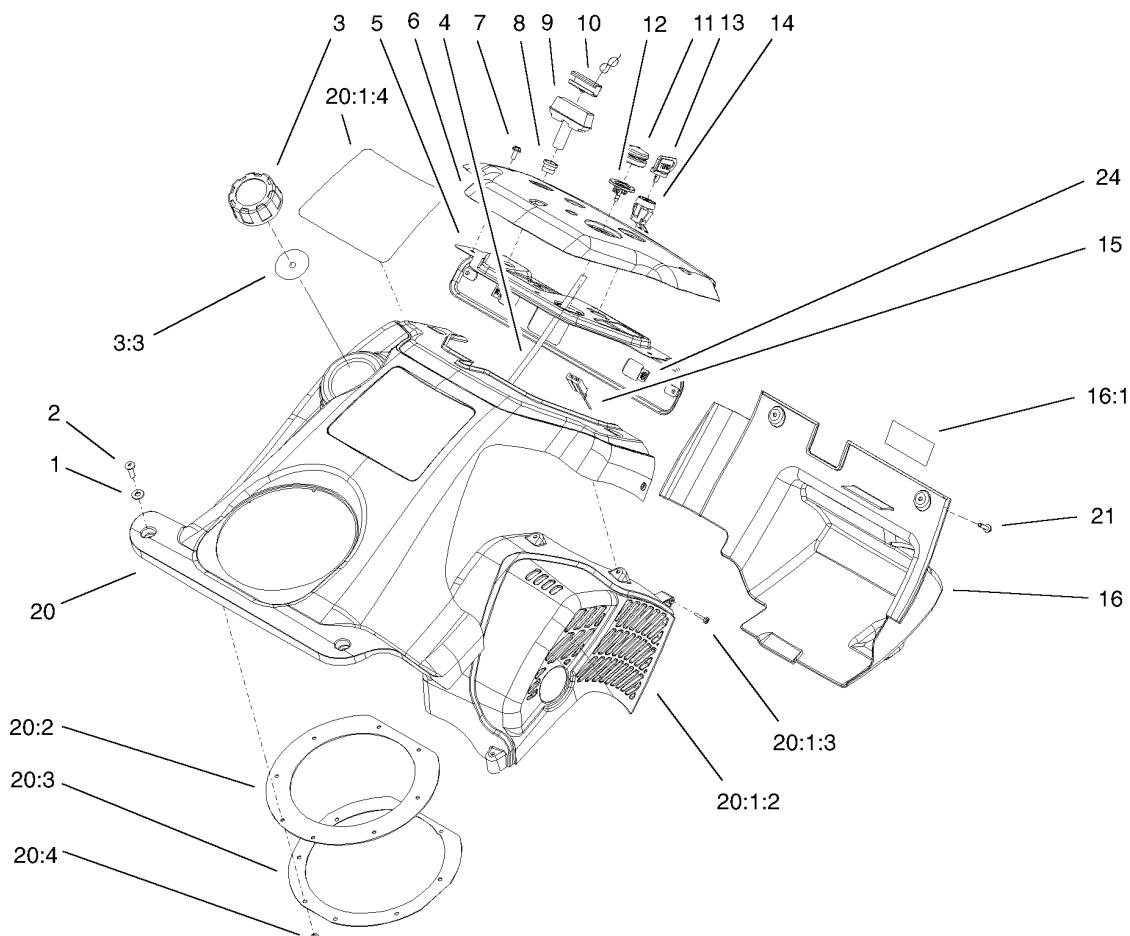
Ref	Part No.	Qty.	Description
24	46-8092	2	Screw-Plastite
26	55-8910-03	2	Ring-Retainer, Chute
28	55-8720	1	Ring-Gear, Chute
29	100-5486	3	Screw-Truss Hd, Phillips
30	3290-456	2	Washer-Belleville
31	3256-68	2	Washer-Flat
32	3256-70	3	Washer-Flat
33	3296-47	3	Nut-Lock, NI



Impeller Assembly

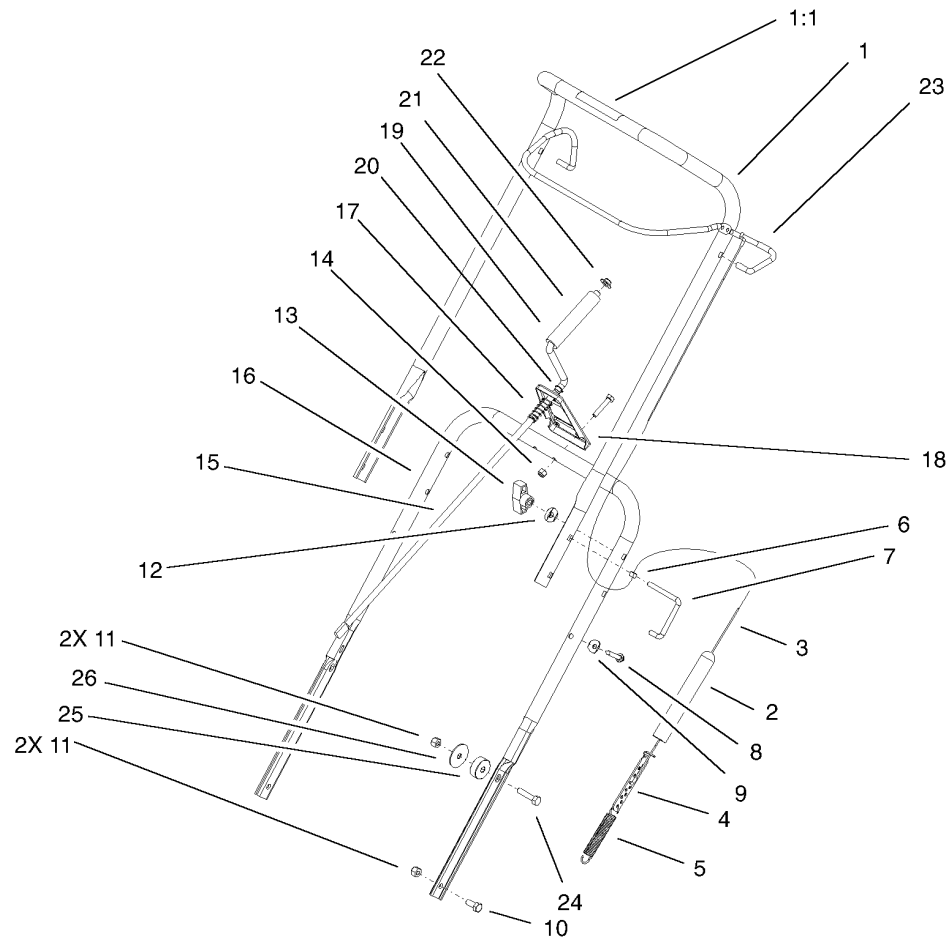
Ref	Part No.	Qty.	Description				
1	99-9313	2	Blade-Rotor				
2	55-9370	4	Spacer-Blade, Rotor				
3	100-5478-03	1	Rotor ASM				
4	3296-56	13	Nut-Lock, NI				
5	66-6600-03	2	Half-Rotor				
6	84-1971	8	Screw				
7	321-8	1	Screw-HH				
8	321-4	4	Screw-HH				

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Upper Shroud And Control Panel Assembly

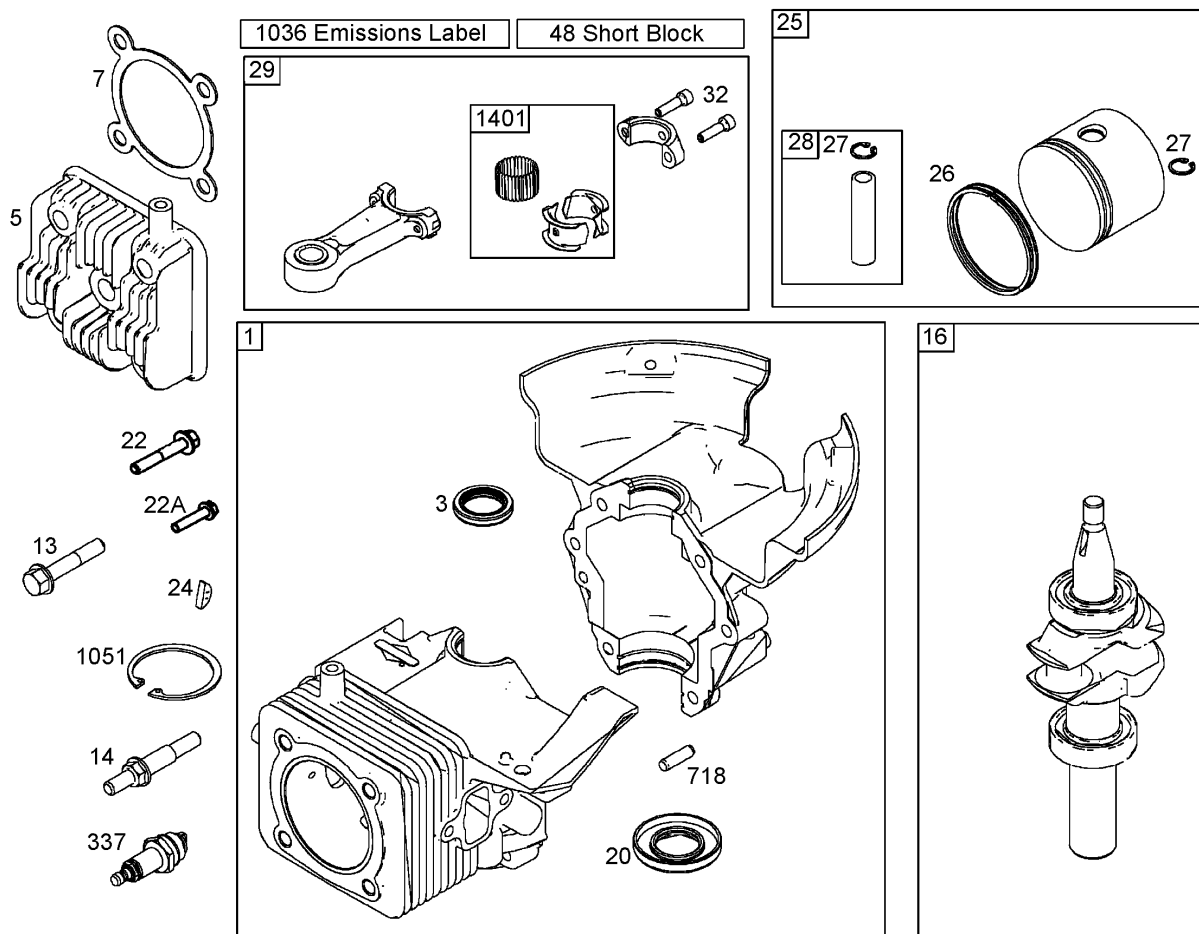
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	3256-22	2	Washer-Flat	16	105-1957	1	Shroud-Lower (Only On: 38517)
2	3250-32	2	Screw-PPH	16	105-1995	1	Shroud-Lower W/Decal (Only On: 38518)
3	55-3573	1	Cap-Fuel ASM	16:1	61-4790	1	Decal (Only On: 38518)
3:3	56-6110	1	Gasket-Vented	20	105-1993	1	Upper Shroud ASM R, 3650 (Only On: 38517, 38537)
4	98-1372	1	Hose-Primer	20	105-1994	1	Upper Shroud ASM E, 3650 (Only On: 38518, 38538)
5	105-1999-03	1	Panel-Support, Control	20:1		1	Upper Shroud ASM E, 3650 (Only On: 38518, 38538)
6	105-1963	1	Panel-Control, R, Ce, 3650 (Only On: 38537)	20:1		1	Upper Shroud ASM R, 3650 (Only On: 38517, 38537)
6	105-1954	1	Panel-Control, E, 3650 (Only On: 38518)	20:1:2	105-1956	1	Shield-Heat
6	105-1962	1	Panel-Control, E, Ce, 3650 (Only On: 38538)	20:1:3	94-4496	5	Screw-PPH
6	105-1955	1	Panel-Control, R, 3650 (Only On: 38517)	20:1:4	105-3511	1	Decal-Upper Shroud E, 3650 (Only On: 38518, 38538)
7	32144-112	3	Screw-HWH	20:1:4	105-3510	1	Decal-Upper Shroud R, 3650 (Only On: 38517, 38537)
8	55-9410	1	Guide-Rope, Starter	20:2	55-9260	1	Seal-Chute
9	612825	1	Handle-Start	20:3	55-9540-03	1	Retainer-Seal, Chute
10	612824	1	Clip-Starter	20:4	3290-474	8	Palnut
11	66-7460	1	Bulb-Primer	21	32144-112	2	Screw-HWHTF (Only On: 38517, 38518, 38538)
12	44-2750	1	Body-Primer	24	100-9889	2	Nut-Speed
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: 38537, 38538)				



Handle Assembly

Ref	Part No.	Qty.	Description
1	95-2669	1	Handle-Upper W/Decal ASM (Only On: 38517, 38518)
1	98-2272	1	Handle-Upper W/Decal, (Only On: 38537, 38538)
1:1	94-2577	1	Decal-Rotor Drive (Only On: 38537, 38538)
2	55-9390	1	Cover-Spring
3	55-9322	1	Cable-Clutch
4	55-9380	1	Adjuster-Cable
5	55-9270	1	Spring-Extension
6	2412-112	1	Clamp
7	98-2266	2	Lock-Handle
8	61-8640	2	Screw
9	3-7501	1	Washer
10	322-3	2	Screw-HH
11	3296-29	4	Nut-Lock, NI
12	75-9130	2	Washer-Curved
13	98-7134	2	Knob-Handle
14	3296-42	2	Nut-Lock, NI
15	55-9140	1	Rod-Crank, Chute
16	55-9121-03	1	Handle-Lower
17	104-8664	1	Spring-Compression
18	55-9090-03	1	Support-Crank, Chute
19	321-13	2	Screw-HH
20	256-249	1	Bushing

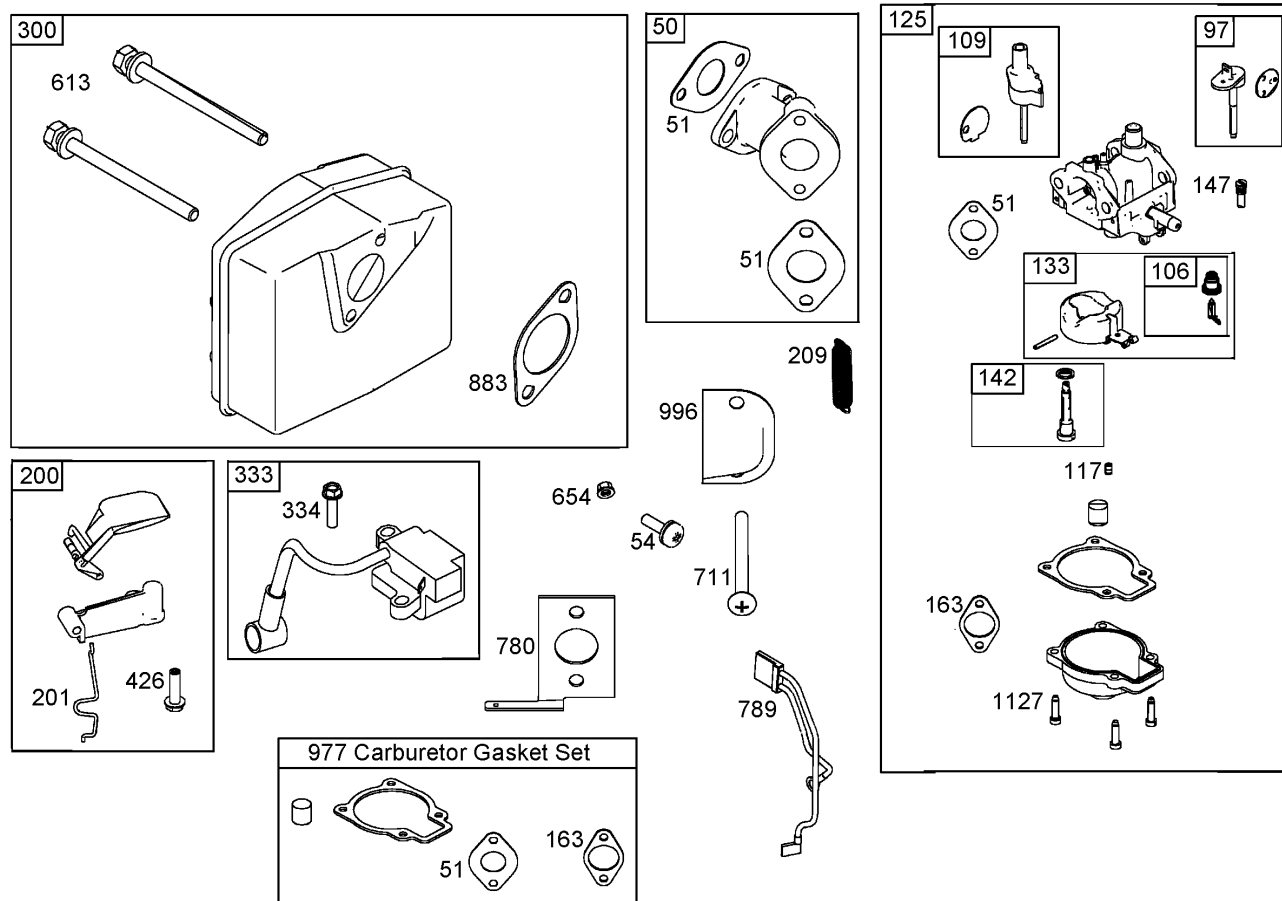
Ref	Part No.	Qty.	Description
21	40-8230	1	Grip-Chute Control
22	3290-320	1	Retainer-Push On
23	100-5473-03	1	Bail-Control
24	322-17	2	Screw-HH
25	105-1961	2	Spacer
26	3256-68	2	Washer-Flat



Cylinder, Piston, and Connecting Rod Assemblies

Briggs and Stratton 084232-0121-E1

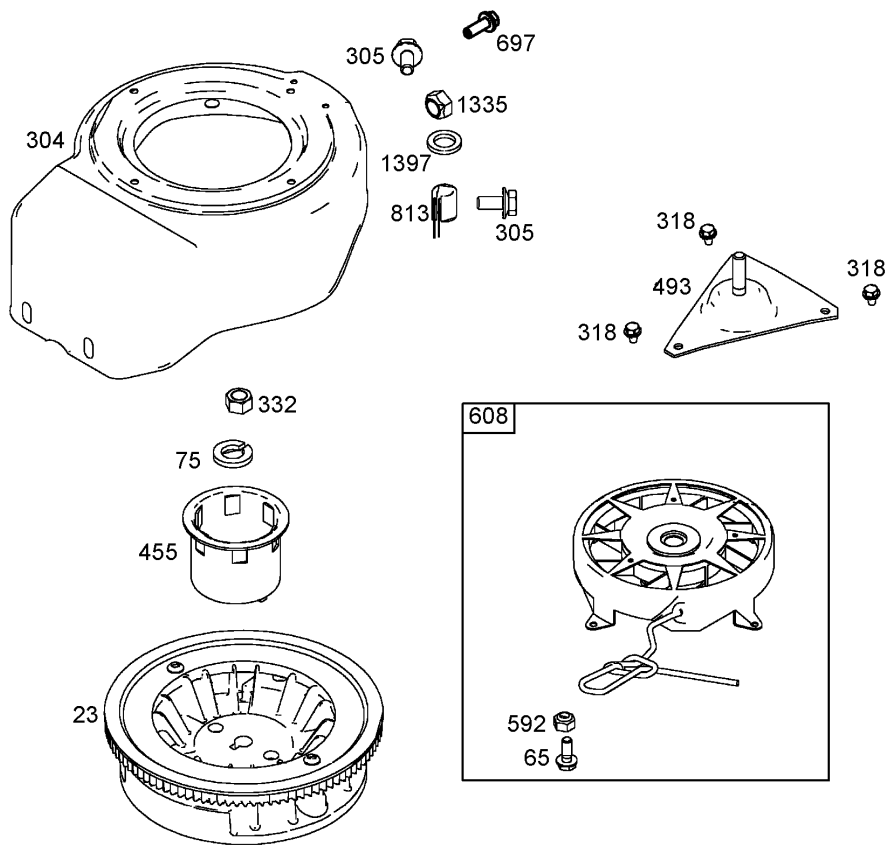
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	801260	1	Cylinder ASM	1401	801290	1	Roller-Strip
3	801262	1	Seal-Oil				
5	801283	1	Head-Cylinder				
7	801263	1	Gasket-Head, Cylinder				
13	801264	1	Screw (Cylinder Head)				
14	801265	1	Stud (Cylinder Head)				
16	801220	1	Crankshaft				
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				
1036	801294	1	Label-Emissions				
1051	801274	1	Ring-Retaining				



Muffler, Carburetor, and Intake Manifold Assemblies Briggs and Stratton 084232-0121-E1

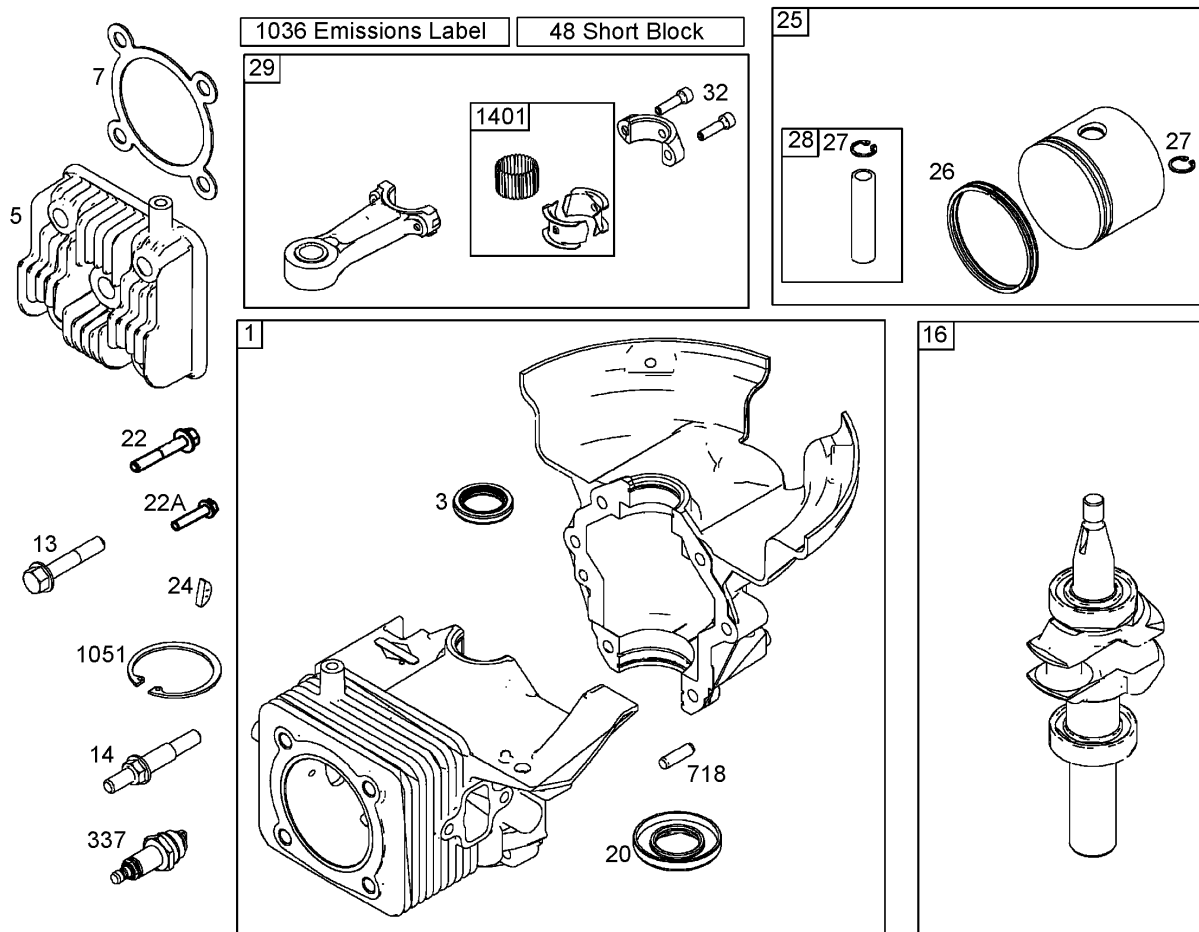
Ref	Part No.	Qty.	Description
⑤50	801232	1	Manifold-Intake
⑤51	801224	1	Gasket-Intake
⑤54	801230	1	Screw (Intake Manifold)
⑤97	801306	1	Shaft-Throttle
⑤106	801317	1	Seat-Inlet
⑤109	801307	1	Shaft-Choke
⑤117	801310	1	Jet-Main
⑤125	801233	1	Carburetor
⑤133	801316	1	Float-Carburetor
⑤142	801313	1	Nozzle-Carburetor
⑤147	801308	1	Jet-Pilot
⑤163	801227	1	Gasket-Cleaner, Air
⑤200	801289	1	Blade-Governor
⑤201	801225	1	Link-Vane, Air
⑤209	801223	1	Spring-Governor
⑤300	801250	1	Muffler
⑤333	801268	1	Armature-Magneto
⑤334	801267	1	Screw
⑤426	801231	1	Screw
⑤613	801251	1	Screw
⑤654	801324	1	Nut (Intake Manifold) (Used Before Engine Code Date 05042600)
⑤711	801229	1	Screw

Ref	Part No.	Qty.	Description
③780	801228	1	Anchor-Spring
③789	801253	1	Wire ASM
③883	801252	1	Gasket-Exhaust
③977	801312	1	Gasket Set-Carburetor
③996	801226	1	Shield-Carburetor
③1127	801318	1	Screw



Flywheel, Blower Housing and Starter Assemblies
Briggs and Stratton 084232-0121-E1

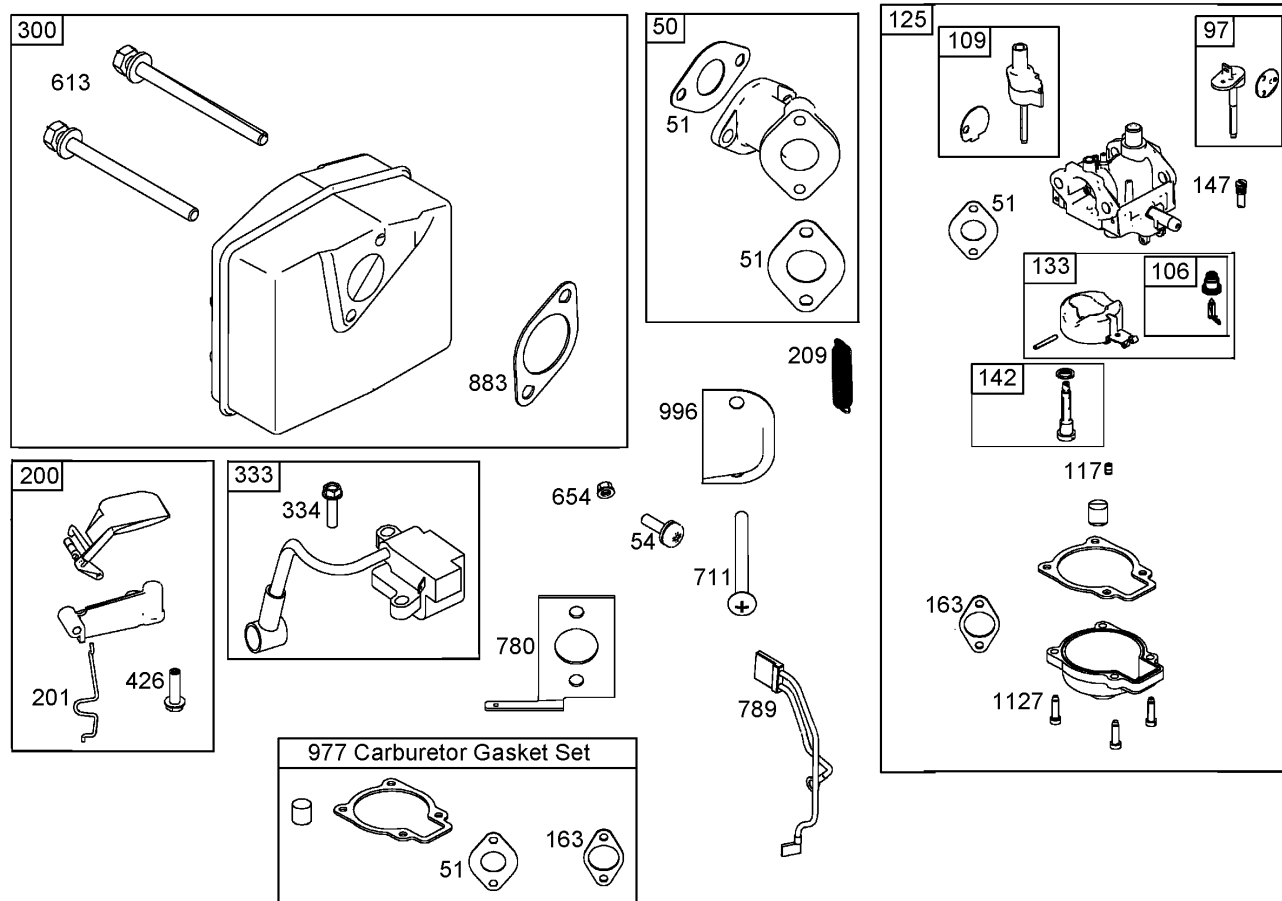
Ref	Part No.	Qty.	Description				
❶23	801246	1	Flywheel				
❶65	801243	1	Screw				
❶75	801237	1	Washer				
❶304	801257	1	Housing-Blower				
❶305	801239	1	Screw (Blower Housing)				
❶318	801241	1	Screw				
❶332	801238	1	Nut				
❶455	801235	1	Cup-Flywheel				
❶493	801240	1	Bracket-Mounting				
❶592	801244	1	Nut				
❶608	801242	1	Starter-Rewind				
❶697	801248	1	Screw (Strater Motor)				
❶813	801249	1	Clamp				
❶1335	801269	1	Nut (Blower Housing)				
❶1397	801270	1	Washer				



Cylinder, Piston, and Connecting Rod Assemblies

Briggs and Stratton 084233-0198-E1

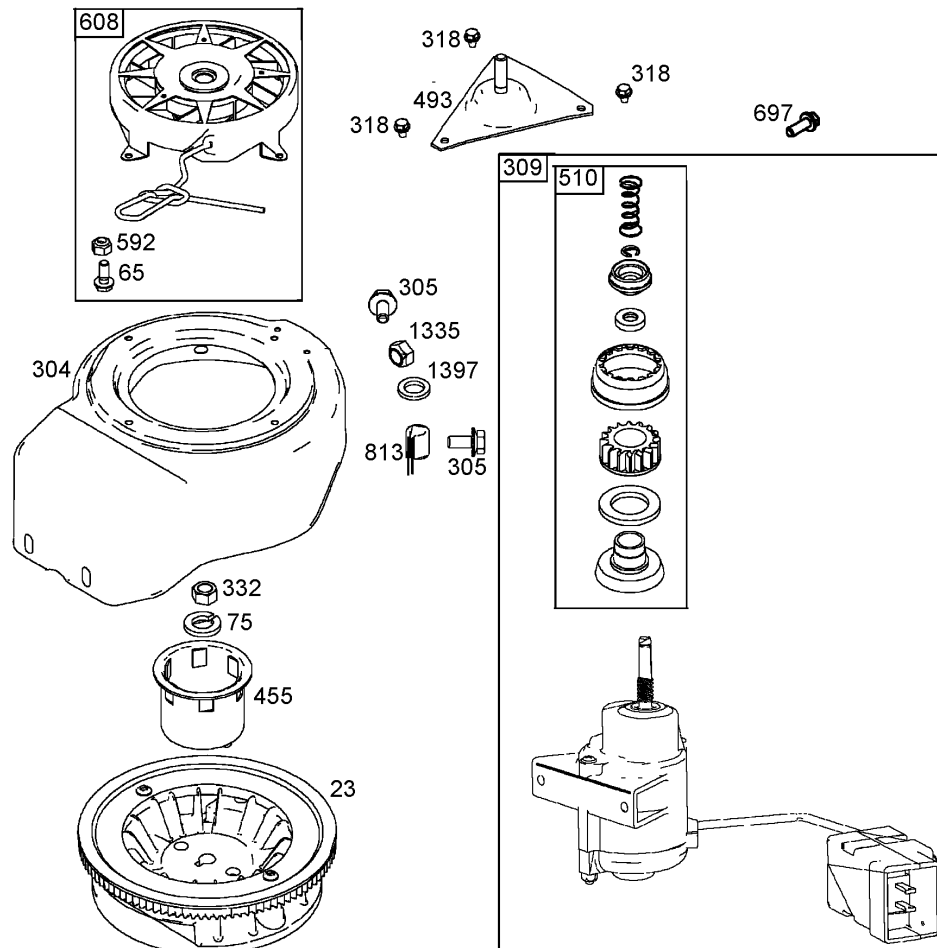
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	801322	1	Cylinder ASM	1401	801290	1	Roller-Strip
3	801262	1	Seal-Oil				
5	801283	1	Head-Cylinder				
7	801263	1	Gasket-Head, Cylinder				
13	801264	1	Screw (Cylinder Head)				
14	801265	1	Stud (Cylinder Head)				
16	801220	1	Crankshaft				
20	801261	1	Seal-Oil				
22	801266	1	Screw (Crankcase 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	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 084233-0198-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) (Use Before Engine Code Date 05042600)
711	801229	1	Screw
780	801228	1	Anchor-Spring

Ref	Part No.	Qty.	Description
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 084233-0198-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 (Starter Motor)
9813	801249	1	Clamp
91335	801269	1	Nut (Blower Housing)
91397	801270	1	Washer

