



CCR[™] 3650 GTS[®] Snowthrower

Model No. 38517 - 240000001 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.

Contents

Description	Page	Description	Page
Housing and Side Plate Assembly	 3	Handle Assembly	 9
Impeller Drive Assembly	 4	Cylinder, Piston, and Connecting Rod	
Chute Assembly	 5	Assemblies Briggs and Stratton 084232-0121- E1	 10
Impeller Assembly	 6	Muffler, Carburetor, and Intake Manifold	
Engine and Frame Assembly	 7	Assemblies Briggs and Stratton 084232-0121- E1	 11
Upper Shroud and Control Panel Assembly	 8	Flywheel, Blower Housing and Starter	
		Assemblies Briggs and Stratton 084232-0121- E1	 12

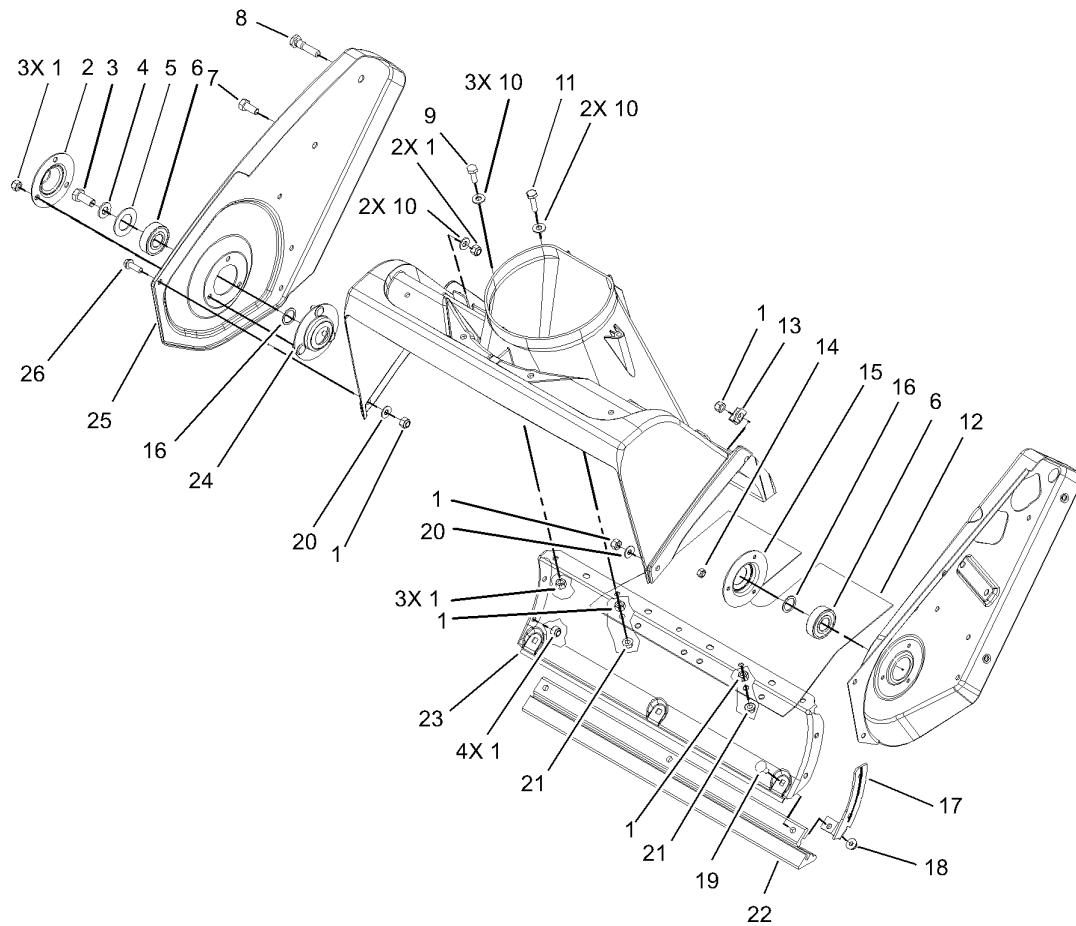
Part Description Abbreviations

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

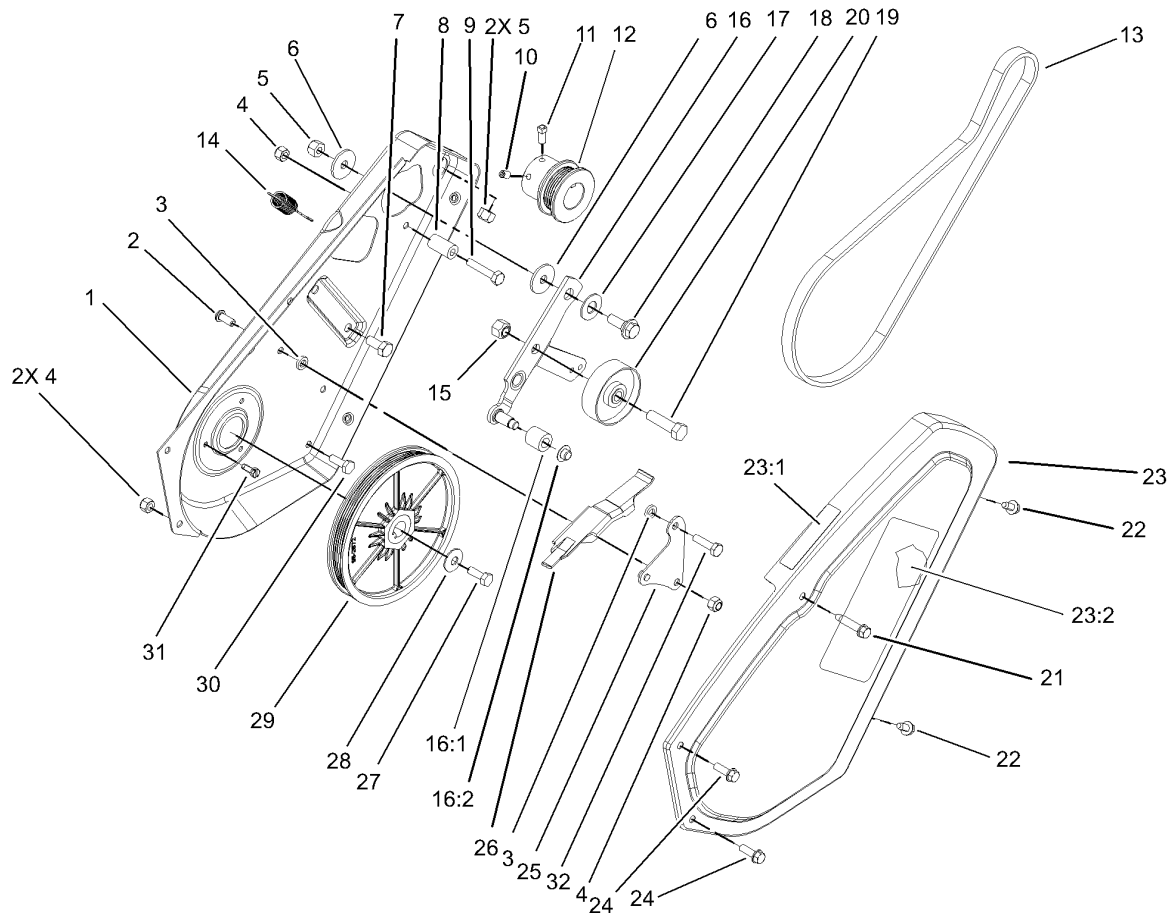
Footnotes

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



Housing and Side Plate Assembly

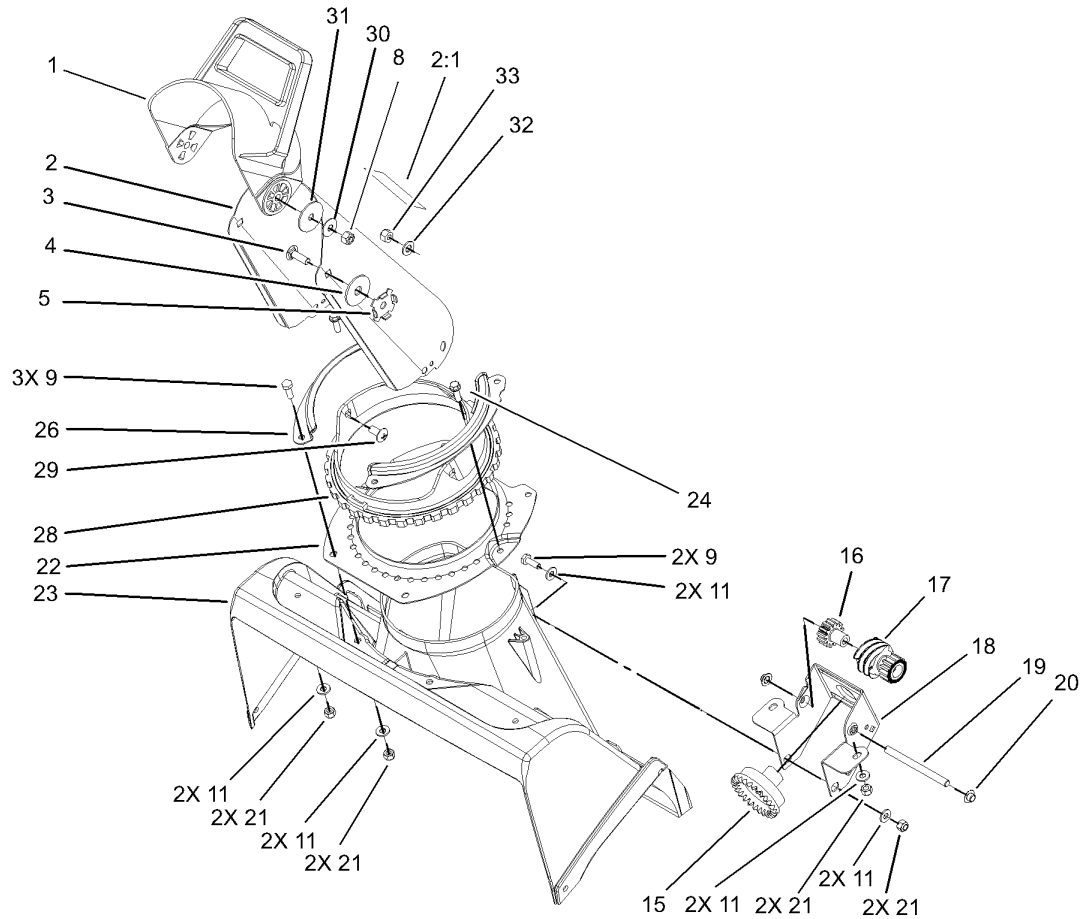
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	3296-42	17	Nut-Lock, NI	25	105-1952-03	1	Sideplate-Right
2	52-7290-03	1	Retainer-Bearing	26	32105-15	5	Screw
3	3234-25	1	Screw-HHF				
4	3256-24	1	Washer-Flat				
5	52-7270	1	Washer-Rubber				
6	100-1048	2	Bearing-Ball				
7	322-43	1	Screw-HH				
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

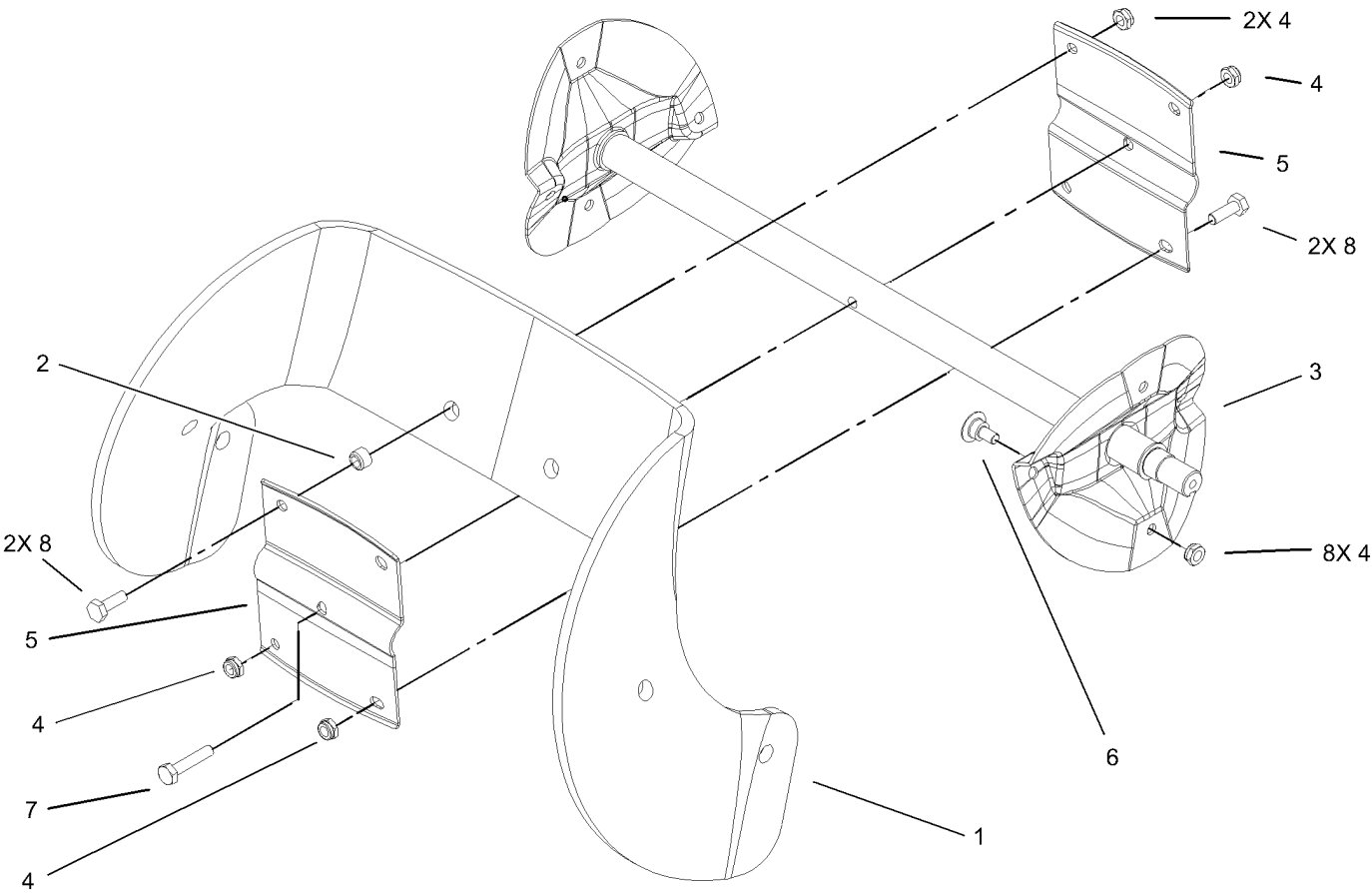
Ref	Part No.	Qty.	Description
23	105-1997	1	Cover-Drive
23:1	104-2767	1	Decal-Warning
23:2	60-9480	1	Decal
24	32105-15	2	Screw
25	55-9570	1	Pivot Plate ASM
26	55-9550	1	Brake-Arm
27	321-30	1	Screw-HH
28	3290-456	1	Washer-Belleville
29	95-2672	1	Pulley Rotor ASM
30	321-4	2	Screw-HH
31	32105-8	3	Screw-SHH
32	321-6	1	Screw-HH



Chute Assembly

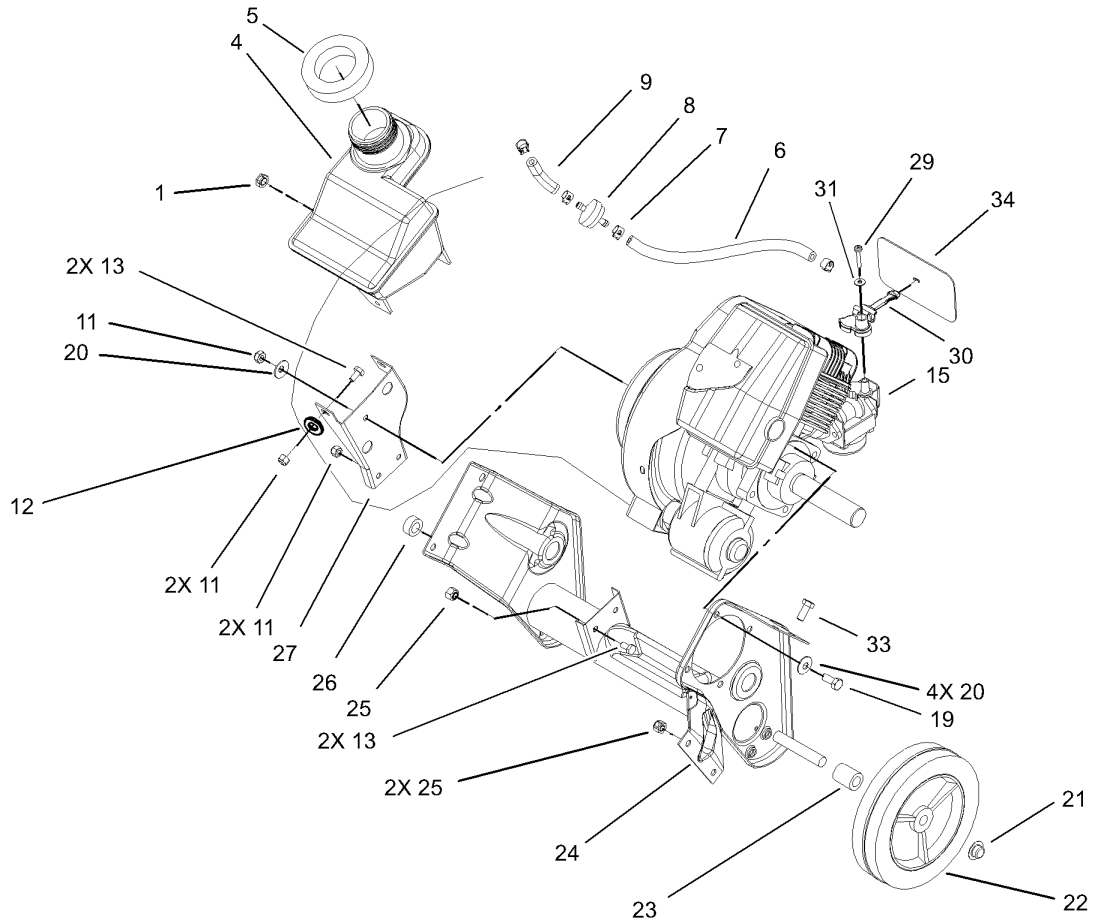
Ref	Part No.	Qty.	Description
1	56-2680	1	Chute-Deflector
2	104-4115	1	Chute ASM
2:1	104-4135	1	Decal-Danger
3	3230-22	2	Screw-CARR
4	20-4320	2	Washer-Rubber
5	55-8950	2	Plate-Friction
8	3296-29	2	Nut-Lock, NI
9	321-4	5	Screw-HH
11	3256-22	10	Washer-Flat
15	55-8740	1	Gear-Face
16	55-8750	1	Gear-Spur, 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
24	46-8091	2	Screw-HWH
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

Ref	Part No.	Qty.	Description
32	3256-70	3	Washer-Flat
33	3296-47	3	Nut-Lock, NI



Impeller Assembly

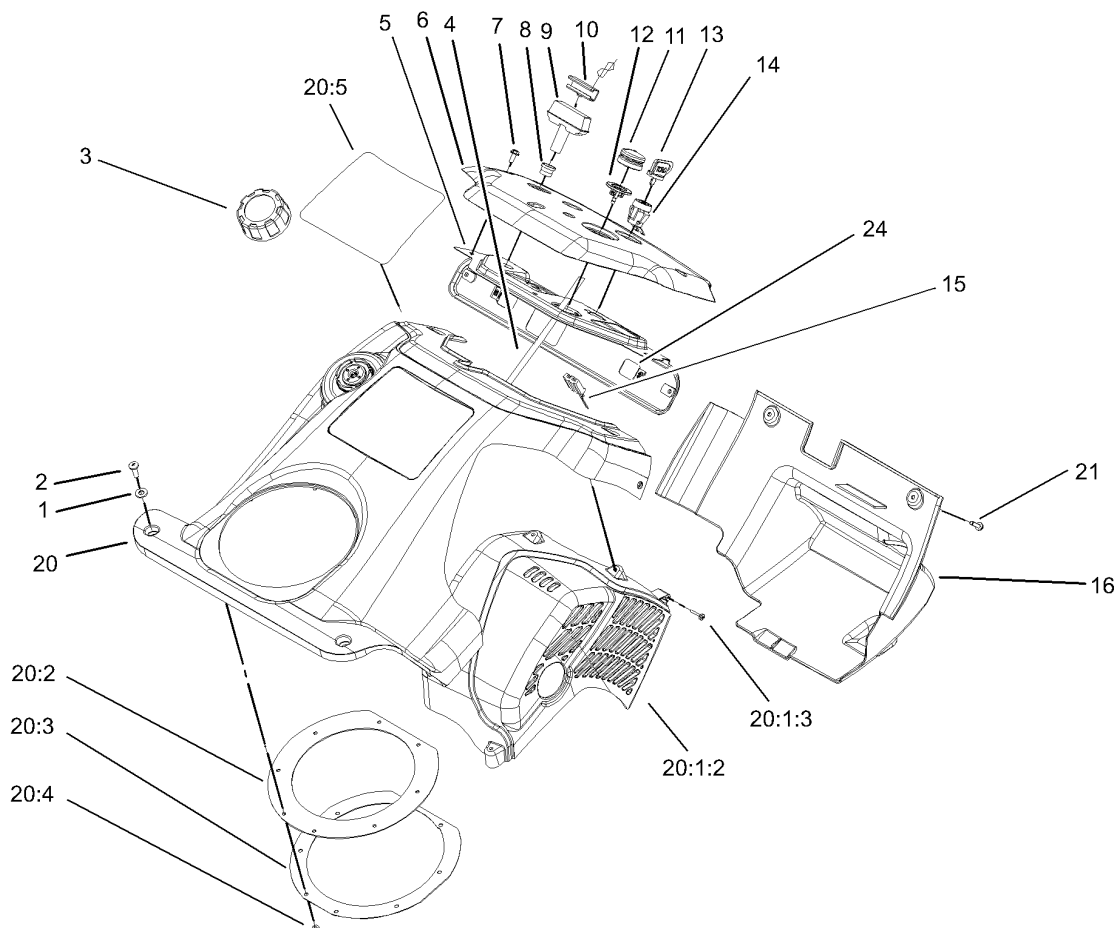
Ref	Part No.	Qty.	Description				
1	99-9313	2	Blade-Rotor				
2	55-9370	4	Spacer-Blade, Rotor				
3	100-5478-03	1	Rotor ASM				
4	3296-56	13	Nut-Lock, NI				
5	66-6600-03	2	Half-Rotor				
6	84-1971	8	Screw				
7	321-8	1	Screw-HH				
8	321-4	4	Screw-HH				



Engine and Frame Assembly

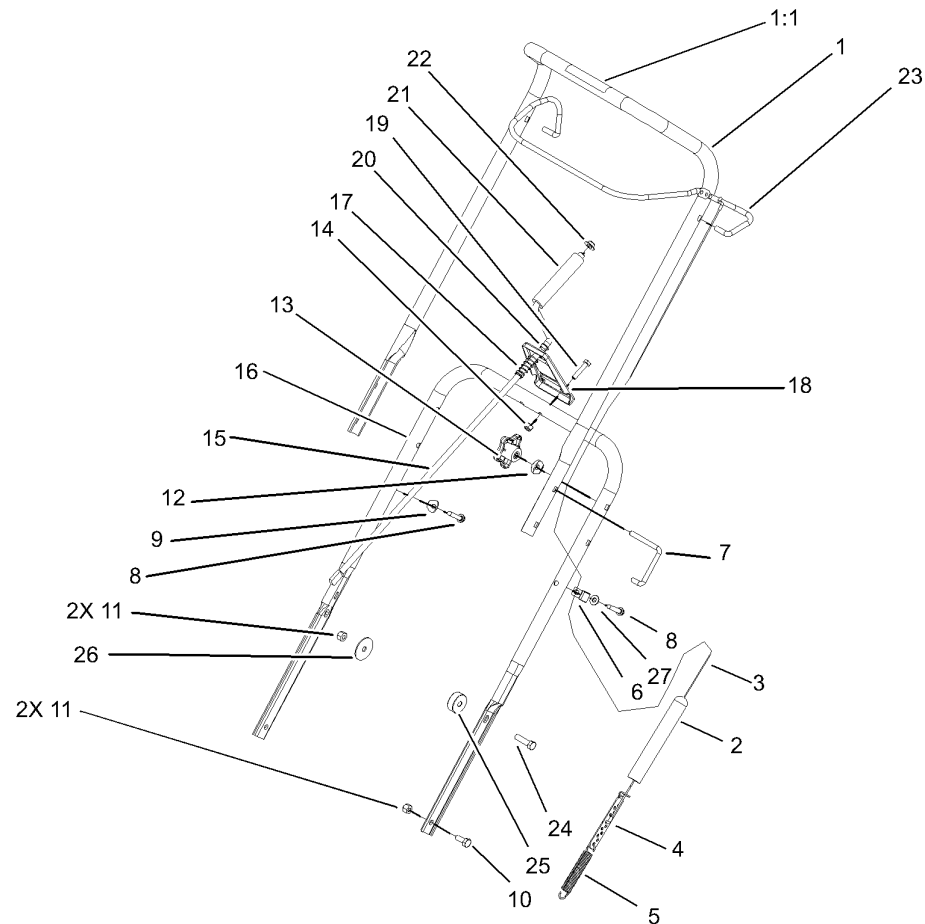
Ref	Part No.	Qty.	Description
1	32152-8	1	Nut-Lock, Cone
4	105-8952	1	Tank-Gas
5	55-9310	1	Seal-Foam
6	49-2482	1	Line-Fuel
7	2412-98	4	Clamp
8	56-6360	1	Filter-Fuel
9	94-9932	1	Hose-Fuel
11	3296-42	5	Nut-Lock, NI
12	3256-22	2	Washer-Flat
13	321-2	4	Screw-HH
15		1	Engine-Briggs And Stratton, 084232-0121-E1
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
25	3296-29	3	Nut-Lock, NI
26	66-6500	1	Spacer-Wheel
27	105-1968-03	1	Bracket-Support, Recoil
29	32144-97	1	Screw-PPH, Plastite
30	104-0878	1	Lever-Choke
31	3256-14	1	Washer-Flat

Ref	Part No.	Qty.	Description
33	322-43	2	Screw-HH
34	106-4738	1	Shield-Hole, Choke



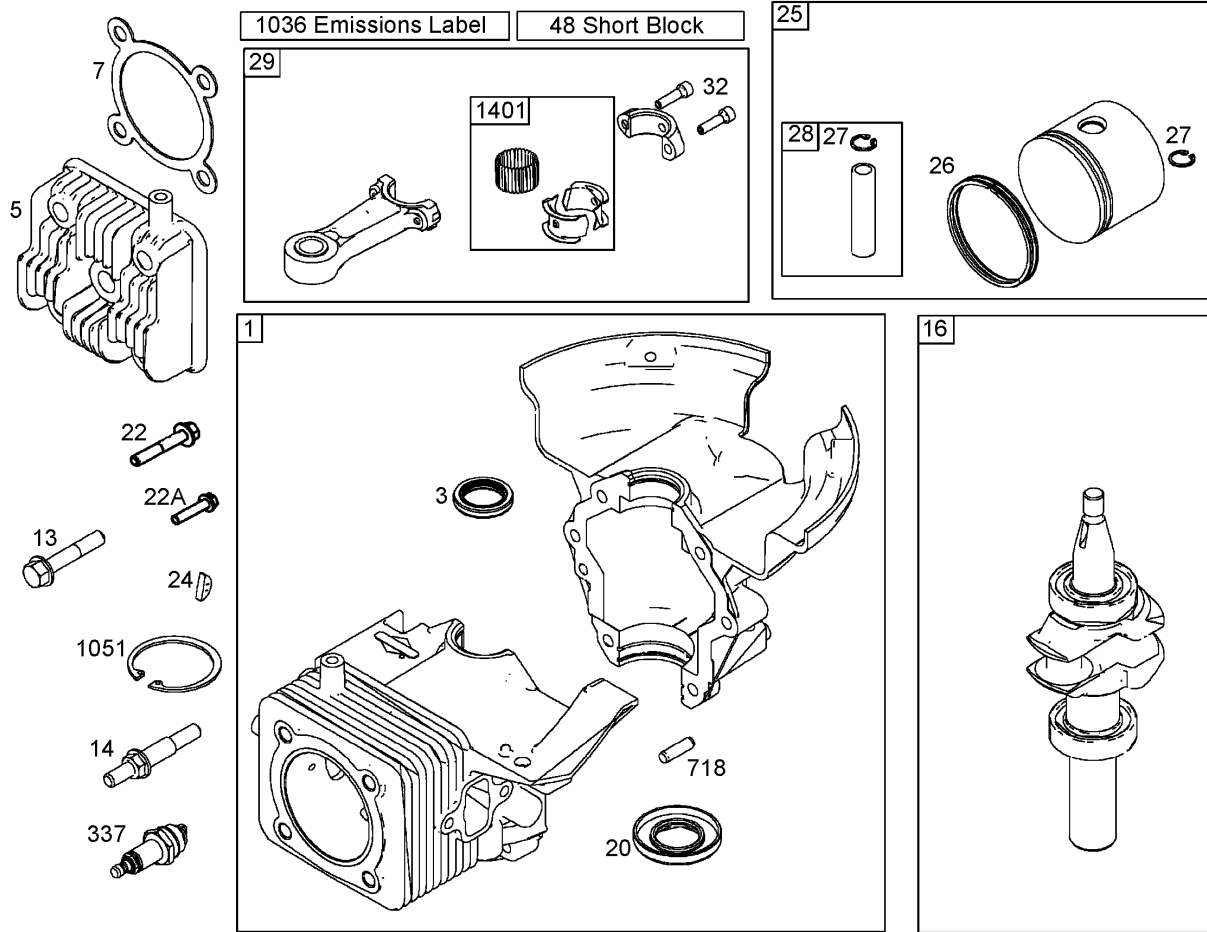
Upper Shroud and Control Panel Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	3256-22	2	Washer-Flat	21	32144-112	2	Screw-HWH
2	3250-32	2	Screw-PPH	24	100-9889	2	Nut-Speed
3	104-4133	1	Gas Cap ASM				
4	98-1372	1	Hose-Primer				
5	105-1999-03	1	Panel-Support, Control				
6	105-1955	1	Panel-Control				
7	32144-112	3	Screw-HWH				
8	55-9410	1	Guide-Rope, Starter				
9	612825	1	Handle-Start				
10	612824	1	Clip-Starter				
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	105-1957	1	Shroud-Lower				
20	106-4733	1	Upper Shroud ASM 3650 Recoil				
20:1:2	105-1956	1	Shield-Heat				
20:1:3	94-4496	5	Screw-PPH				
20:2	105-3543	1	Seal-Chute				
20:3	55-9540-03	1	Retainer-Seal, Chute				
20:4	3290-474	8	Palnut				
20:5	106-4721	1	Decal-Upper Shroud (3650 Recoil)				



Handle Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	95-2669	1	Handle-Upper W/Decal ASM	24	322-6	2	Screw-HH
1:1	104-2775	1	Decal-Drive, Rotor	25	105-1961	2	Spacer
2	55-9390	1	Cover-Spring	26	3256-68	2	Washer-Flat
3	55-9322	1	Cable-Clutch	27	3256-22	1	Washer-Flat
4	55-9380	1	Adjuster-Cable				
5	55-9270	1	Spring-Extension				
6	2412-91	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	106-4161	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	321-8	2	Screw-HH				
20	256-249	1	Bushing				
21	40-8230	1	Grip-Chute Control				
22	3290-320	1	Retainer-Push On				
23	100-5473-03	1	Bail-Control				



Cylinder, Piston, and Connecting Rod Assemblies

Briggs and Stratton 084232-0121-E1

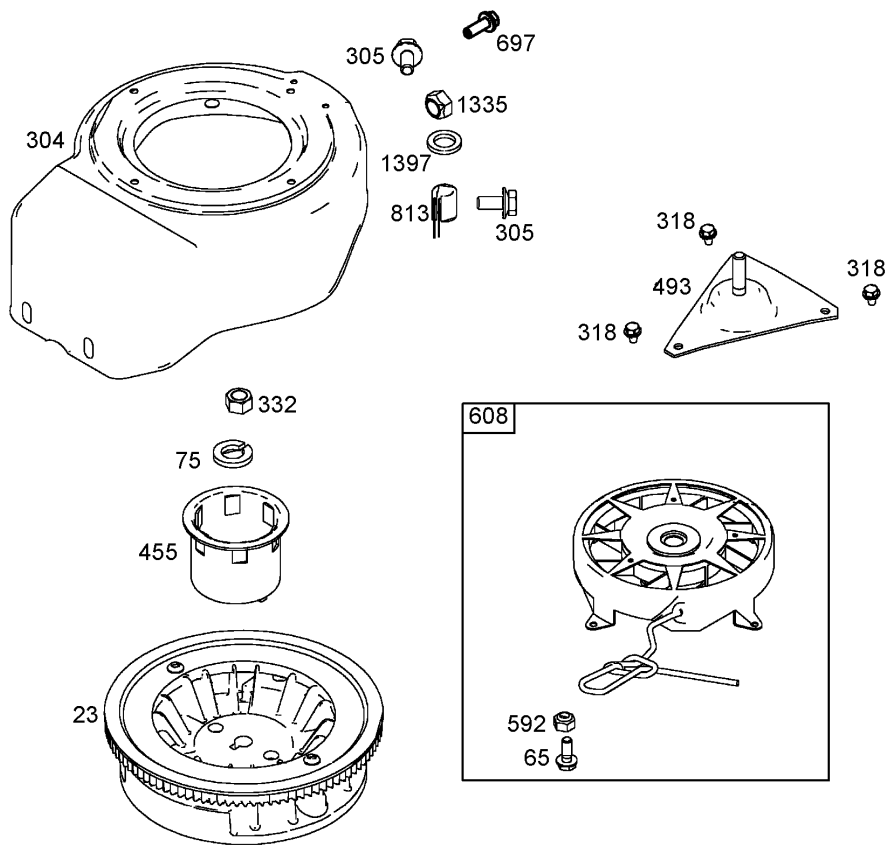
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
21	801260	1	Cylinder ASM	1401	801290	1	Roller-Strip
23	801262	1	Seal-Oil				
25	801283	1	Head-Cylinder				
27	801263	1	Gasket-Head, Cylinder				
213	801264	1	Screw (Cylinder Head)				
214	801265	1	Stud (Cylinder Head)				
216	801220	1	Crankshaft				
220	801261	1	Seal-Oil				
222	801266	1	Screw (Crankcase Cover And Sump)				
222A	801271	1	Screw (Crankcase Cover And Sump)				
224	801234	1	Key-Flywheel				
225	801279	1	Piston ASM				
226	801280	1	Ring Set				
227	801275	1	Lock-Pin, Piston				
228	801276	1	Pin-Piston				
229	801277	1	Rod-Connecting				
232	801278	1	Screw				
248	801284	1	Short Block				
2337	801254	1	Plug-Spark				
2718	690959	1	Pin-Locating				
21036	801294	1	Label-Emissions				
21051	801274	1	Ring-Retaining				



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

Ref	Part No.	Qty.	Description				
23	801246	1	Flywheel				
65	801243	1	Screw				
75	801237	1	Washer				
304	801257	1	Housing-Blower				
305	801239	1	Screw (Blower Housing)				
318	801241	1	Screw				
332	801238	1	Nut				
455	801235	1	Cup-Flywheel				
493	801240	1	Bracket-Mounting				
592	801244	1	Nut				
608	801242	1	Starter-Rewind				
697	801248	1	Screw (Strater Motor)				
813	801249	1	Clamp				
1335	801269	1	Nut (Blower Housing)				
1397	801270	1	Washer				

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