



Insight™ 1000 Snowthrower

Model No. 33006 - 260000001 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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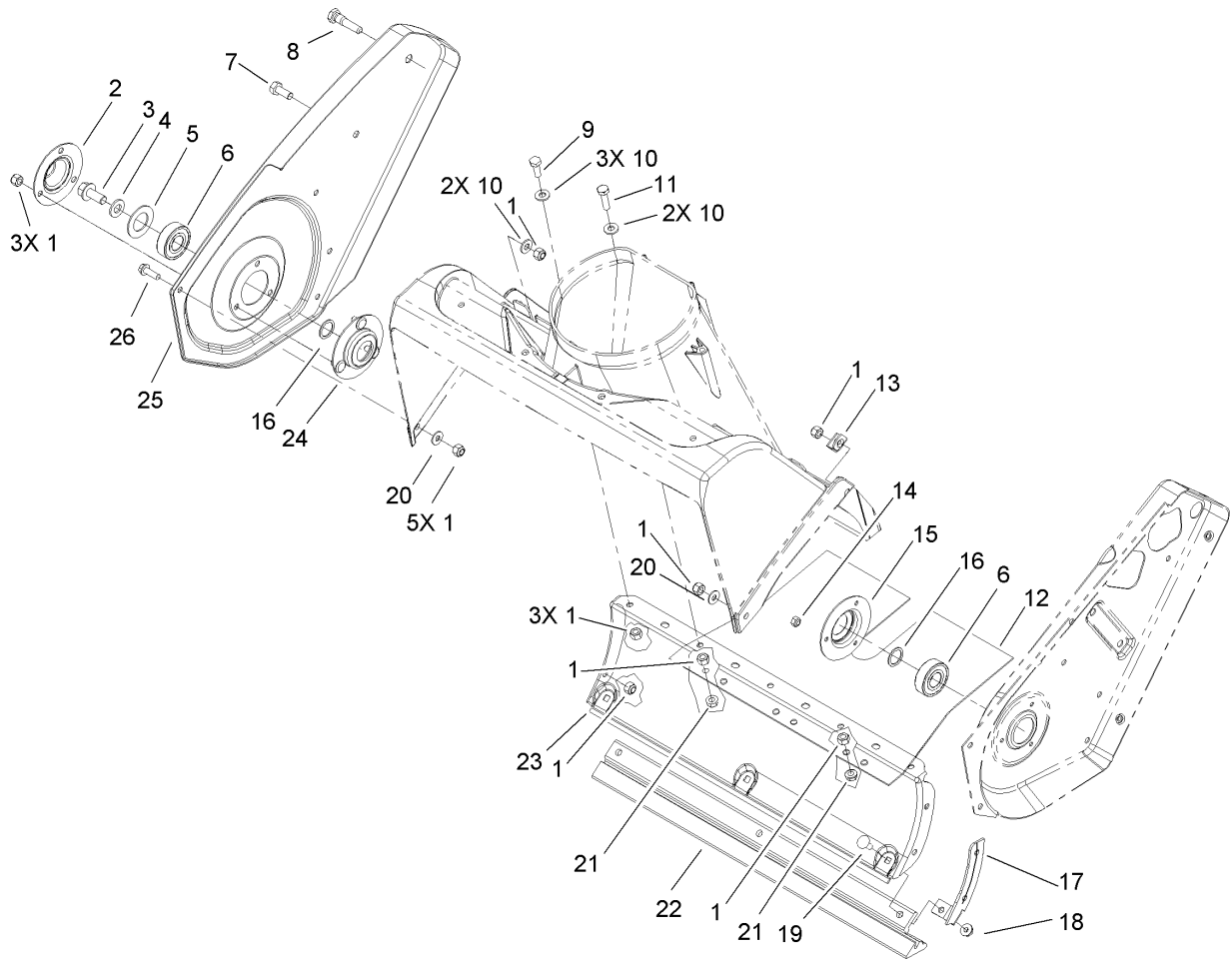
Part Description Abbreviations

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

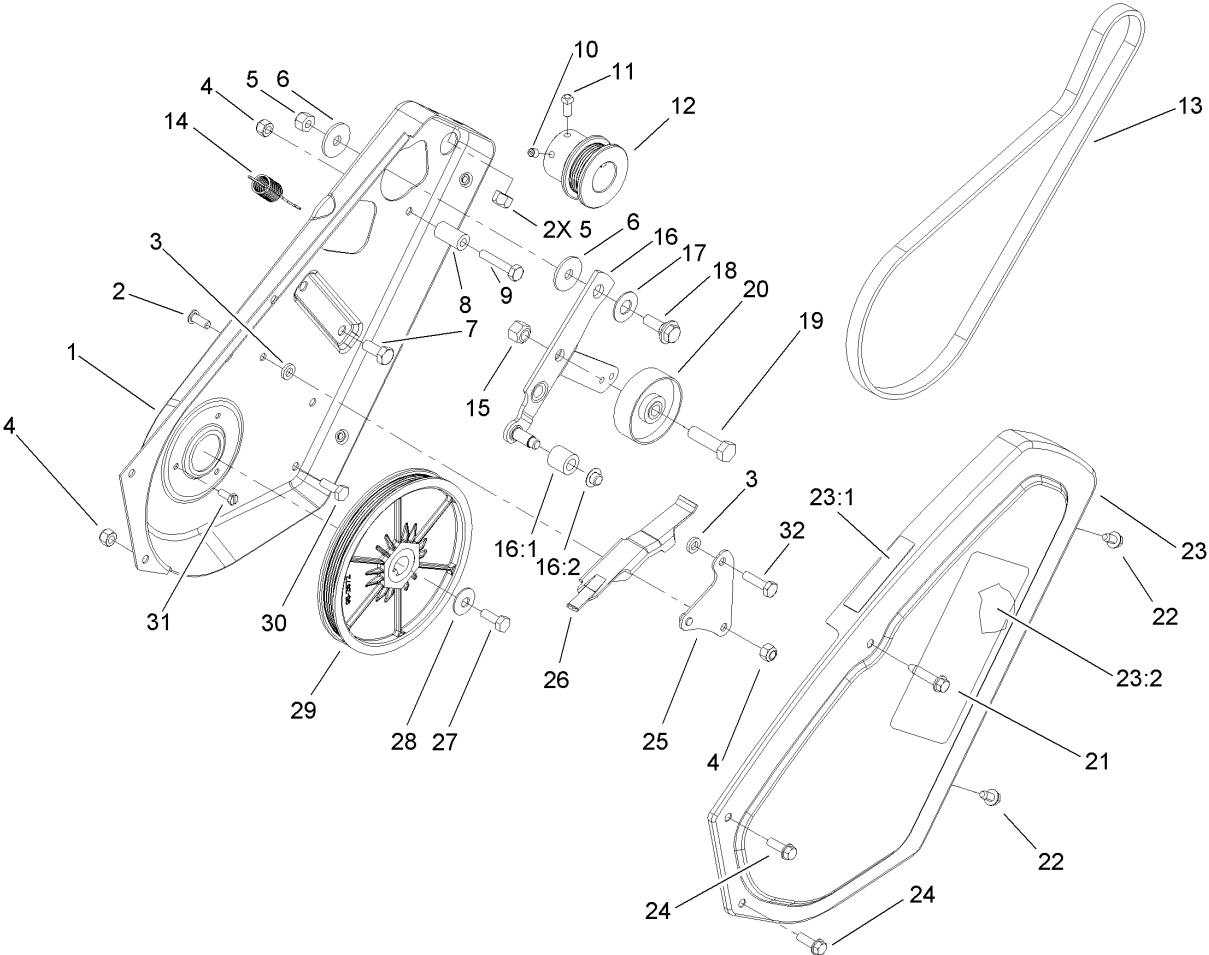
- ❶ Not serviced separately
- ❷ Obtain from your local Briggs & Stratton dealer



Rotor Housing and Scraper Assembly

Ref	Part No.	Qty.	Description
1	3296-42	17	Nut-Lock, NI
2	52-7290-03	1	Retainer-Bearing
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

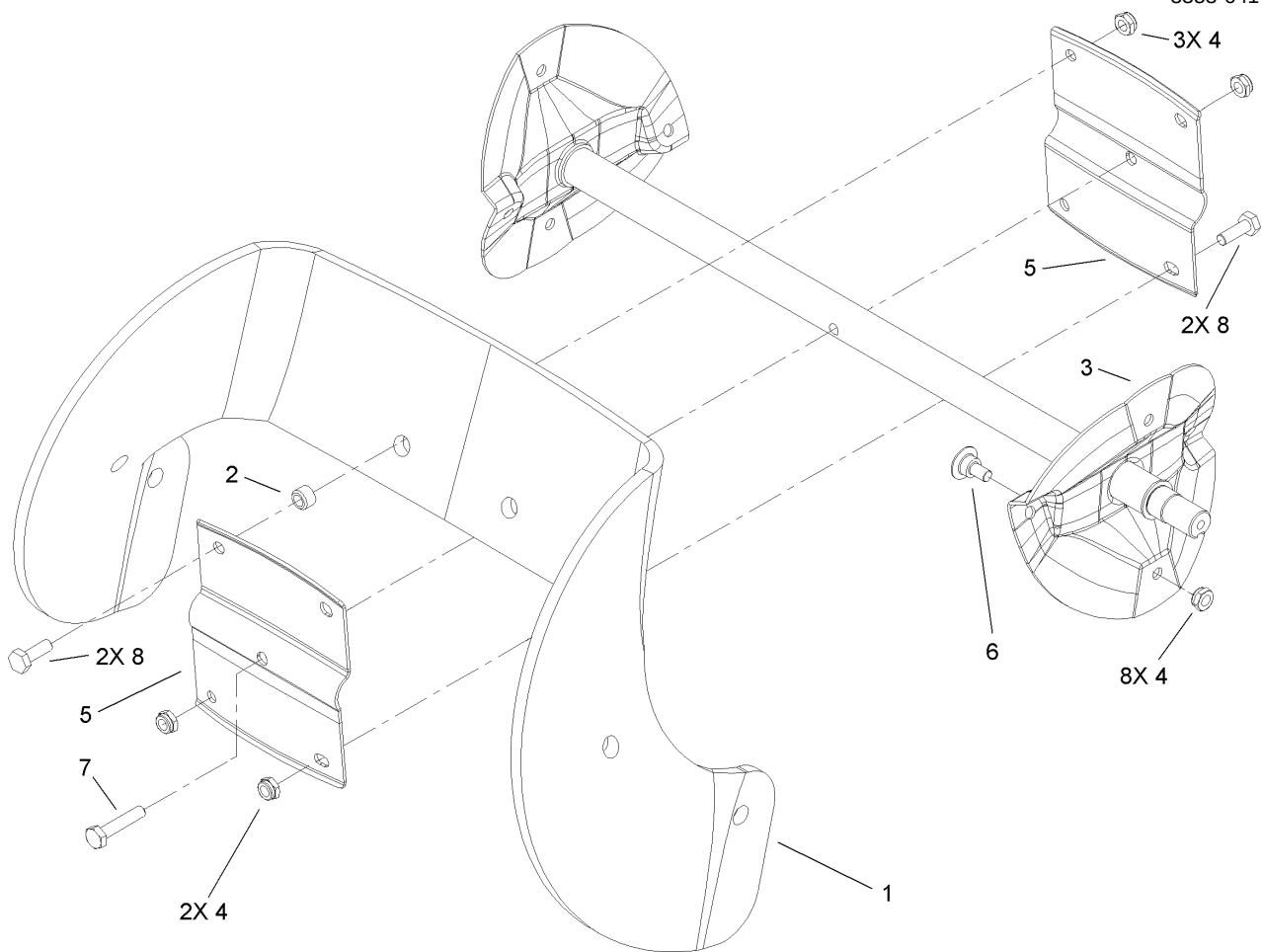
Ref	Part No.	Qty.	Description
25	105-1952-03	1	Sideplate-Right
26	32105-15	5	Screw



Impeller Drive Assembly

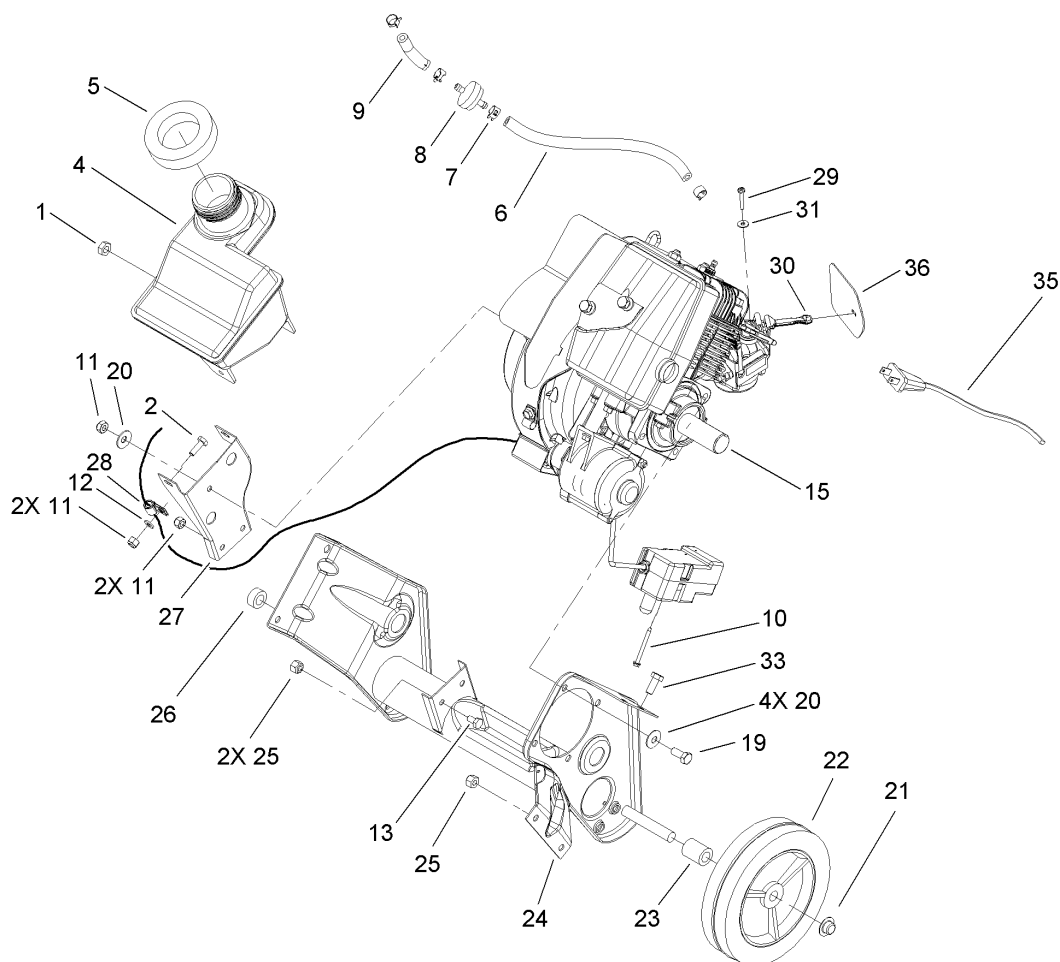
Ref	Part No.	Qty.	Description
1	55-8851-03	1	Plate-Side, LH
2	3274-31	1	Screw-HSBH
3	55-9620	2	Spacer-Plate, Pivot
4	3296-42	3	Nut-Lock, NI
5	3296-29	3	Nut-Lock, NI
6	5-4460	2	Washer-Pivot
7	322-3	2	Screw-HH
8	55-9530	1	Sleeve-Guide, Belt
9	321-13	1	Screw-HH
10	3245-32	1	Screw-HSH
11	3241-7	1	Screw-SQH
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	25-5641	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



Rotor 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				

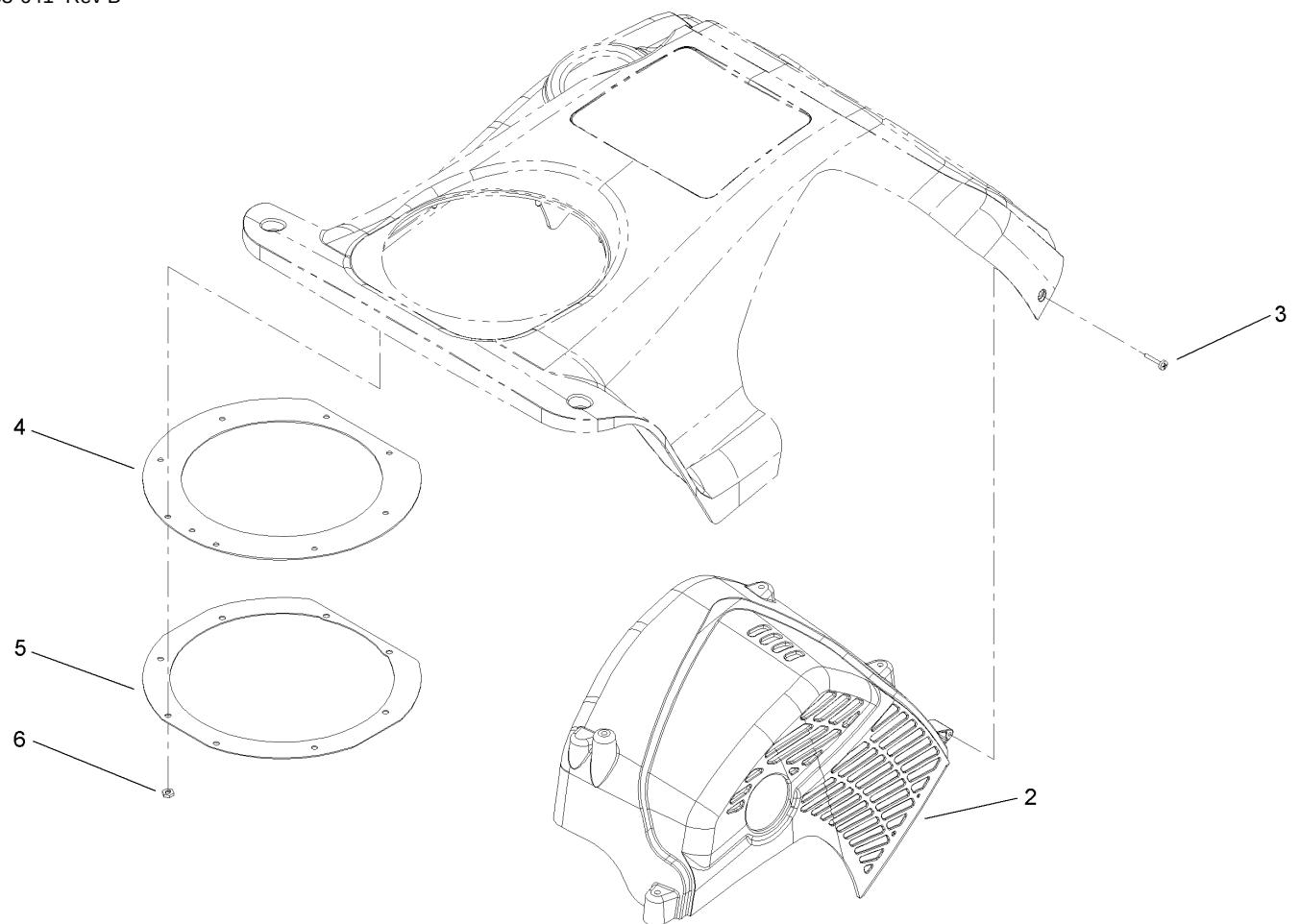


Engine, Gas Tank and Frame Assembly

Ref	Part No.	Qty.	Description
1	32152-8	1	Nut-Lock, Cone
2	321-4	2	Screw-HH
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
10	32144-27	3	Screw-Plastite
11	3296-42	5	Nut-Lock, NI
12	3256-22	2	Washer-Flat
13	321-2	2	Screw-HH
15		1	Engine-Briggs And Stratton, 084233-0198-E1
19	322-3	4	Screw-HH
20	3290-456	5	Washer-Belleville
21	32112-14	2	Nut-Push
22	110-2160	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
28	2412-91	1	Clamp

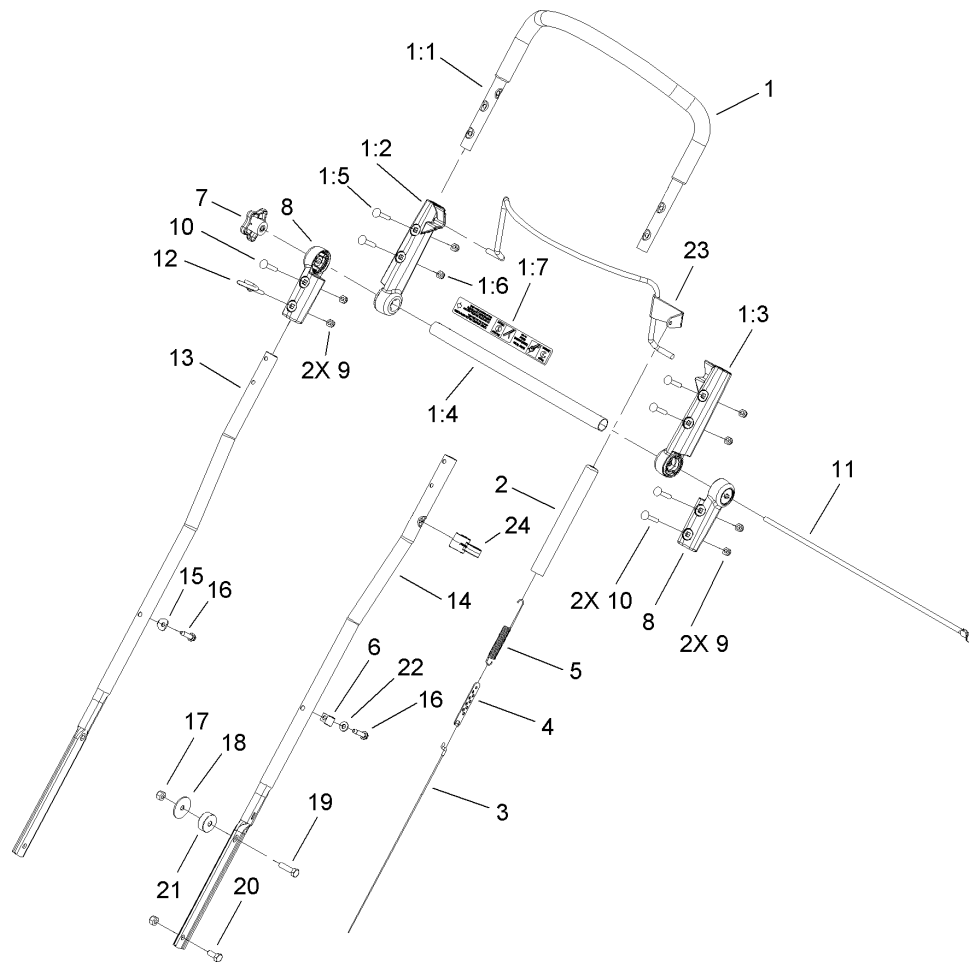
Ref	Part No.	Qty.	Description
29	32144-97	1	Screw-PPH, Plastite
30	104-0878	1	Lever-Choke
31	3256-14	1	Washer-Flat
33	322-43	2	Screw-HH
35	106-4741	1	Cord-Electric
36	108-7340	1	Shield-Hole, Choke

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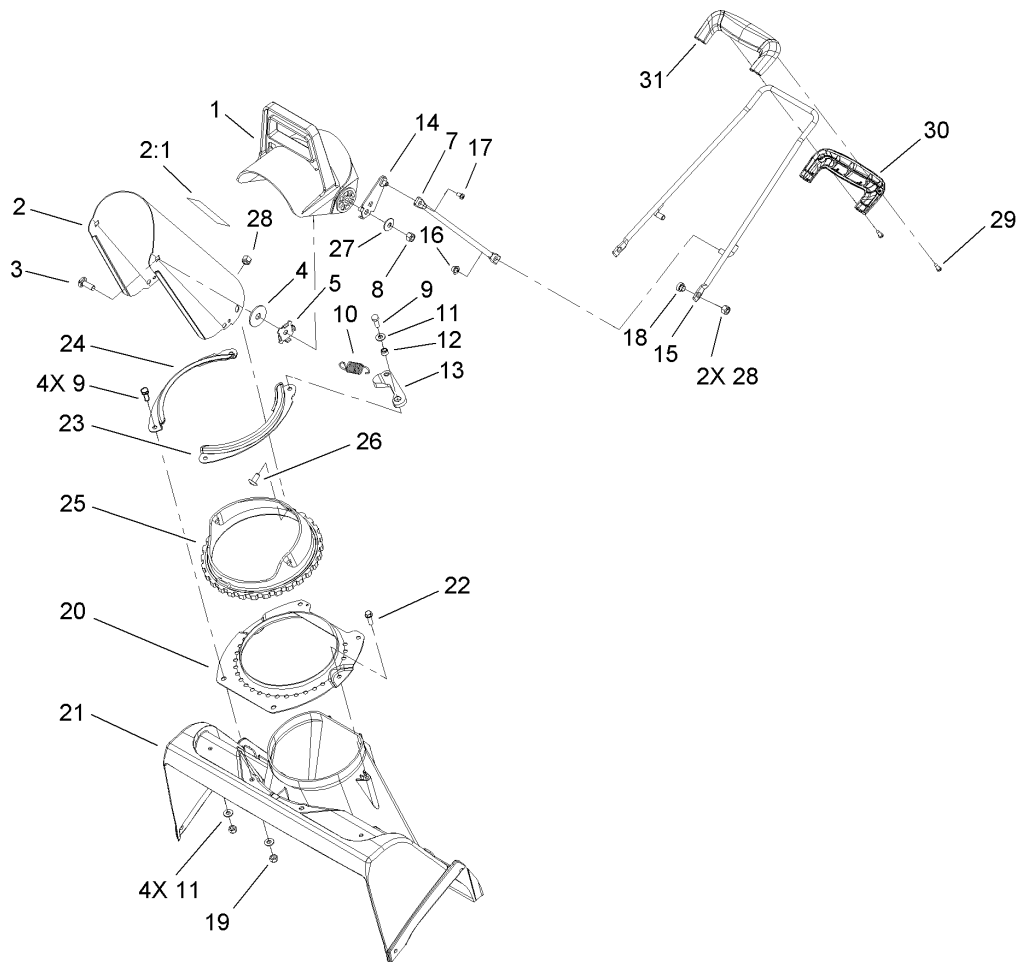
Upper Shroud Assembly No. 110-2161

Ref	Part No.	Qty.	Description
2	108-7333	1	Shield-Heat
3	94-4496	5	Screw-PPH
4	105-3543	1	Seal-Chute
5	55-9540-03	1	Retainer-Seal, Chute
6	3290-474	8	Palnut



Handle Assembly

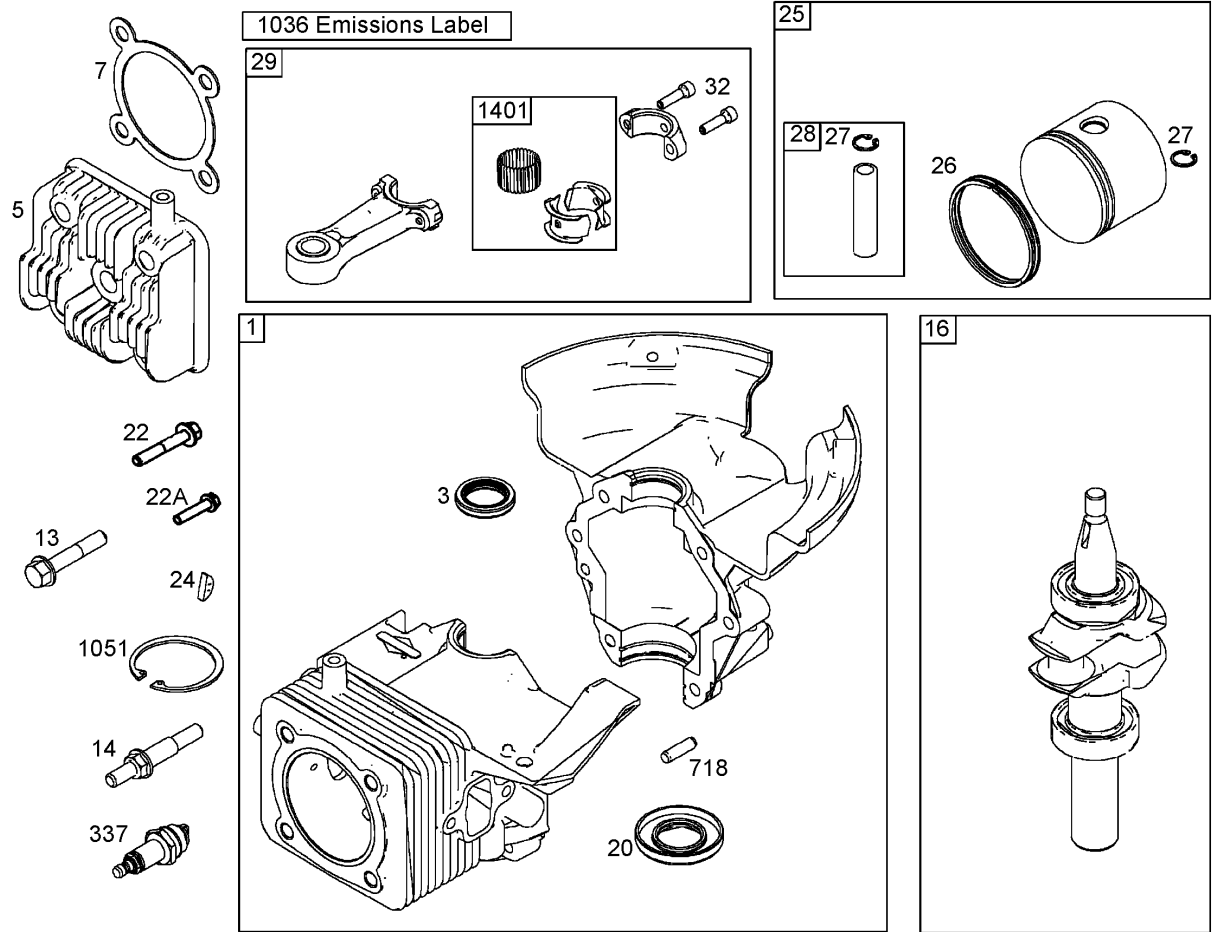
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	110-3426	1	Upper Handle ASM	17	3296-29	4	Nut-Lock, NI
1:1	110-1752	1	Handle ASM	18	3256-68	2	Washer-Flat
1:2	108-1031	1	Mount-Handle, RH	19	322-6	2	Screw-HH
1:3	108-1030	1	Mount-Handle, LH	20	322-3	2	Screw-HH
1:4	107-3867-03	1	Tube-Cross	21	105-1961	2	Spacer
1:5	108-0988	4	Screw-CARR	22	3256-22	1	Washer-Flat
1:6	3296-73	4	Nut-Lock, NI	23	110-3412-03	1	Bail ASM
1:7	110-3417	1	Decal-Rotor Drive/Handle Height Knob	24	106-6805	1	Guide-Cable
2	71-5530	1	Cover-Spring				
3	110-3418	1	Cable-Clutch				
4	71-5330	1	Adjuster-Clutch Cable				
5	71-5480	1	Spring-Clutch				
6	2412-91	1	Clamp				
7	107-3937	1	Knob				
8	107-3865	2	Mount-Handle, Lower				
9	3296-73	4	Nut-Lock, NI				
10	108-0988	3	Screw-CARR				
11	107-3871	1	Rod-Threaded				
12	107-3908	1	Guide-Rope, Upper				
13	110-2150-03	1	Handle-Lower, RH				
14	110-2164-03	1	Handle-Lower, LH				
15	3-7501	1	Washer				
16	36-3860	2	Screw-HWH, TAP				



Chute Assembly

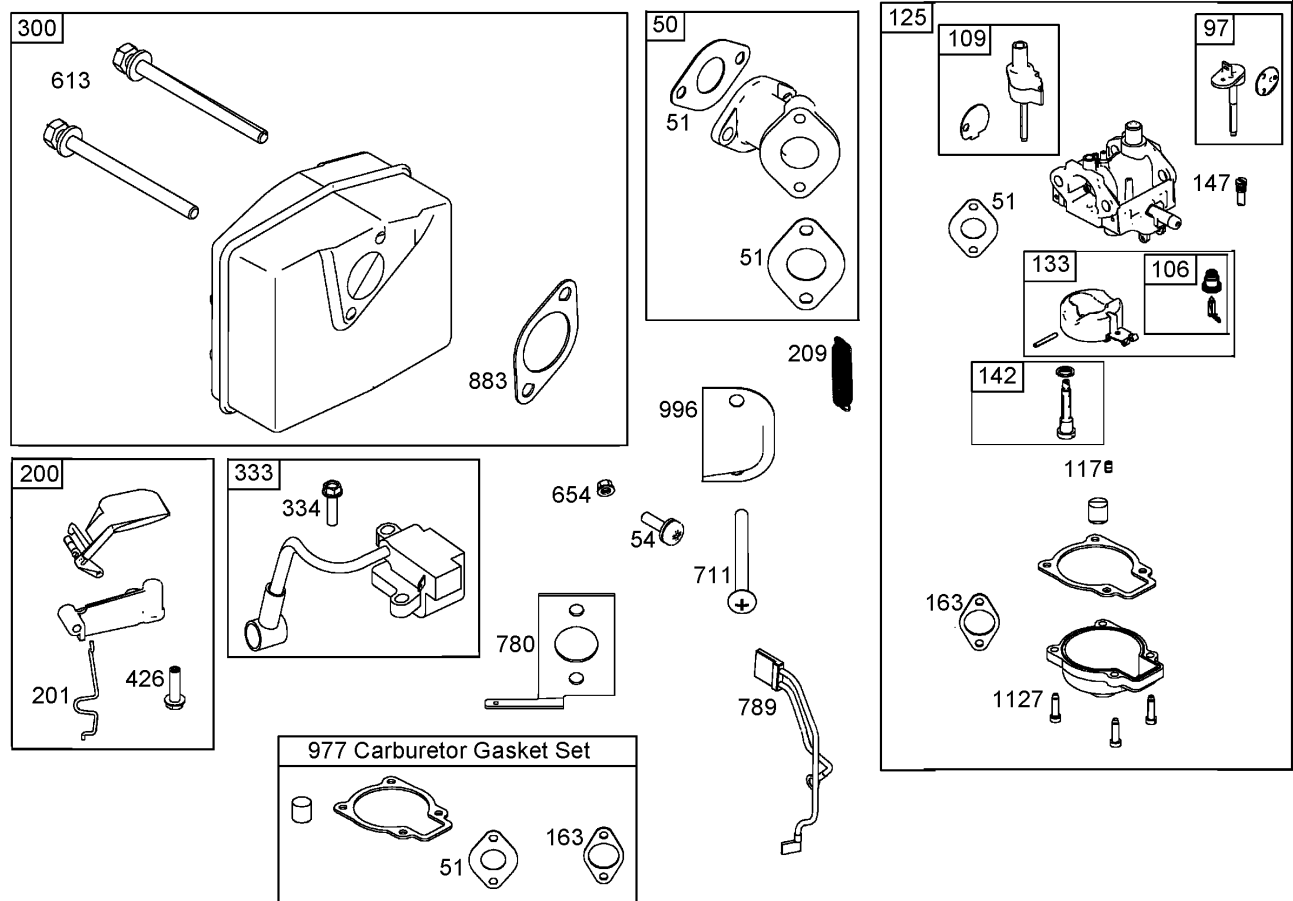
Ref	Part No.	Qty.	Description
1	56-2680	1	Chute-Deflector
2	104-4115	1	Chute ASM
2:1	104-4135	1	Decal-Danger
3	3230-22	2	Screw-CARR
4	20-4320	2	Washer-Rubber
5	55-8950	2	Plate-Friction
7	110-2154	2	Rod-Support
8	3296-29	2	Nut-Lock, NI
9	321-4	5	Screw-HH
10	80-4600	1	Spring-Extension
11	3256-22	5	Washer-Flat
12	55-9370	1	Spacer-Blade, Rotor
13	80-4610	1	Detent
14	110-2157	2	Pivot Arm ASM
15	110-2155	1	Chute Handle ASM
16	32112-1	2	Pushnut-Cap, Washer
17	3251-1	2	Screw-PPH
18	110-2158	2	Spacer-Flanged
19	3296-42	6	Nut-Lock, NI
20	55-8921-03	1	Ring-Support, Chute
21	105-1950	1	Housing-Rotor, Upper
22	46-8091	2	Screw-HWH
23	71-4980-03	1	Retainer-Chute, LH
24	71-4990-03	1	Retainer-Chute, RH

Ref	Part No.	Qty.	Description
25	55-8720	1	Ring-Gear, Chute
26	3230-16	3	Screw-CARR
27	3290-456	2	Washer-Belleville
28	3296-47	3	Nut-Lock, NI
29	32144-11	2	Screw-HH
30	110-3419	1	Handle-Bottom
31	110-3420	1	Handle-Top



Cylinder, Piston, and Connecting Rod Assemblies
Briggs and Stratton 084233-0198-E1

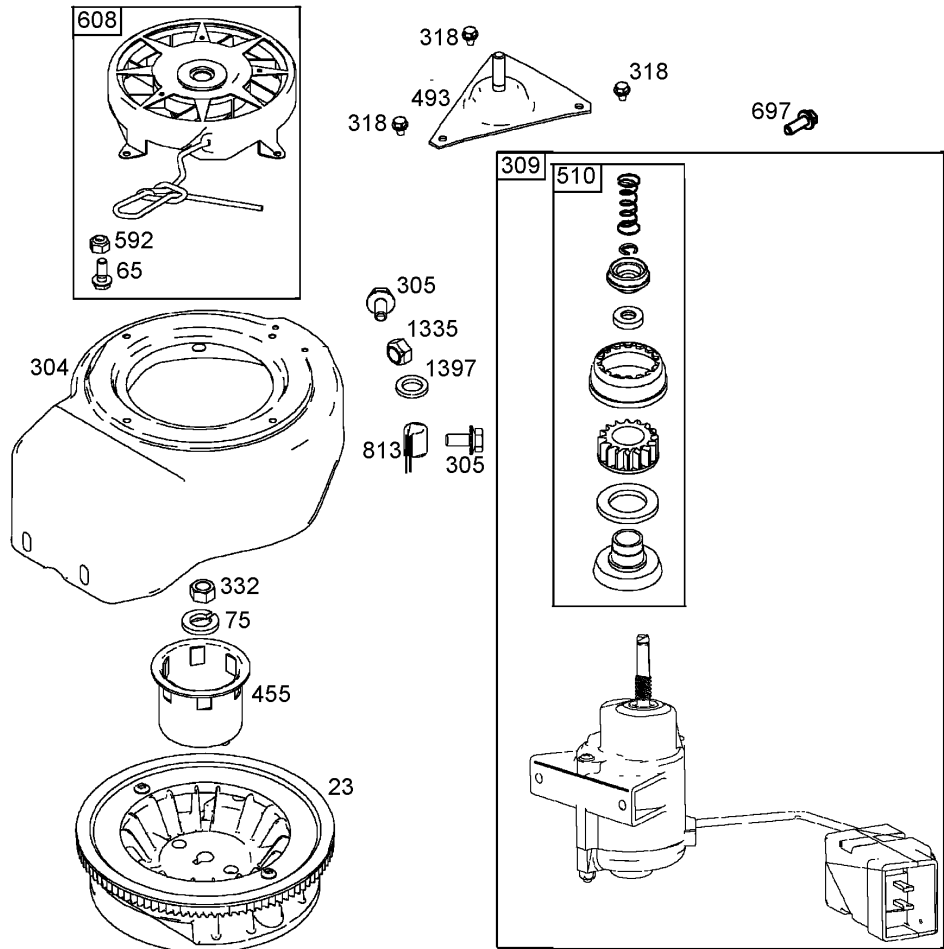
Ref	Part No.	Qty.	Description				
1	801322	1	Cylinder ASM				
3	801262	1	Seal-Oil				
5	801283	1	Head-Cylinder				
7	801263	1	Gasket-Head, Cylinder				
13	801264	1	Screw (Cylinder Head)				
14	801265	1	Stud (Cylinder Head)				
16	801220	1	Crankshaft				
20	801261	1	Seal-Oil				
22	801266	1	Screw (Crankcase 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				
337	801254	1	Plug-Spark				
718	690959	1	Pin-Locating				
1036	801294	1	Label-Emissions				
1051	801274	1	Ring-Retaining				
1401	801290	1	Roller-Strip				



Muffler, Carburetor, and Intake Manifold Assemblies Briggs and Stratton 084233-0198-E1

Ref	Part No.	Qty.	Description
250	801232	1	Manifold-Intake
251	801224	1	Gasket-Intake
254	801230	1	Screw (Intake Manifold)
297	801306	1	Shaft-Throttle
2106	801317	1	Seat-Inlet
2109	801307	1	Shaft-Choke
2117	801310	1	Jet-Main
2125	801233	1	Carburetor
2133	801316	1	Float-Carburetor
2142	801313	1	Nozzle-Carburetor
2147	801308	1	Jet-Pilot
2163	801227	1	Gasket-Cleaner, Air
2200	801289	1	Blade-Governor
2201	801225	1	Link-Vane, Air
2209	801223	1	Spring-Governor
2300	801250	1	Muffler
2333	801268	1	Armature-Magneto
2334	801267	1	Screw
2426	801231	1	Screw
2613	801251	1	Screw
2654	801324	1	Nut (Intake Manifold) (Use Before Engine Code Date 05042600)
2711	801229	1	Screw
2780	801228	1	Anchor-Spring

Ref	Part No.	Qty.	Description
②789	801253	1	Wire ASM
②883	801252	1	Gasket-Exhaust
②977	801312	1	Gasket Set-Carburetor
②996	801226	1	Shield-Carburetor
②1127	801318	1	Screw



Flywheel, Blower Housing, and Starter Assemblies
Briggs and Stratton 084233-0198-E1

Ref	Part No.	Qty.	Description				
23	801246	1	Flywheel				
65	801243	1	Screw				
75	801237	1	Washer				
304	801236	1	Housing-Blower				
305	801239	1	Screw (Blower Housing)				
309	801247	1	Motor-Starter				
318	801241	1	Screw				
332	801238	1	Nut				
455	801235	1	Cup-Flywheel				
493	801240	1	Bracket-Mounting				
510	801293	1	Drive-Starter				
592	801244	1	Nut				
608	801242	1	Starter-Rewind				
697	801248	1	Screw (Starter Motor)				
813	801249	1	Clamp				
1335	801269	1	Nut (Blower Housing)				
1397	801270	1	Washer				

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