



CCR[™] 2450 GTS[®] Snowthrower

Model No. 38515 - 290000001 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
Rotor Housing and Scraper Assembly	 3	Cylinder, Piston, and Connecting Rod Assembly Briggs and Stratton 084132-0120-E8	 10
Impeller Drive Assembly	 4	Flywheel, Blower Housing and Rewind Starter Assembly Briggs and Stratton 084132-0120-E8	 11
Chute Assembly	 5	Muffler, Carburetor and Intake Manifold Assembly Briggs and Stratton 084132-0120-E8	 12
Rotor Assembly	 6	Attachments and Accessories List	 14
Engine, Gas Tank and Frame Assembly	 7		
Shroud and Control Panel Assembly	 8		
Handle Assembly	 9		

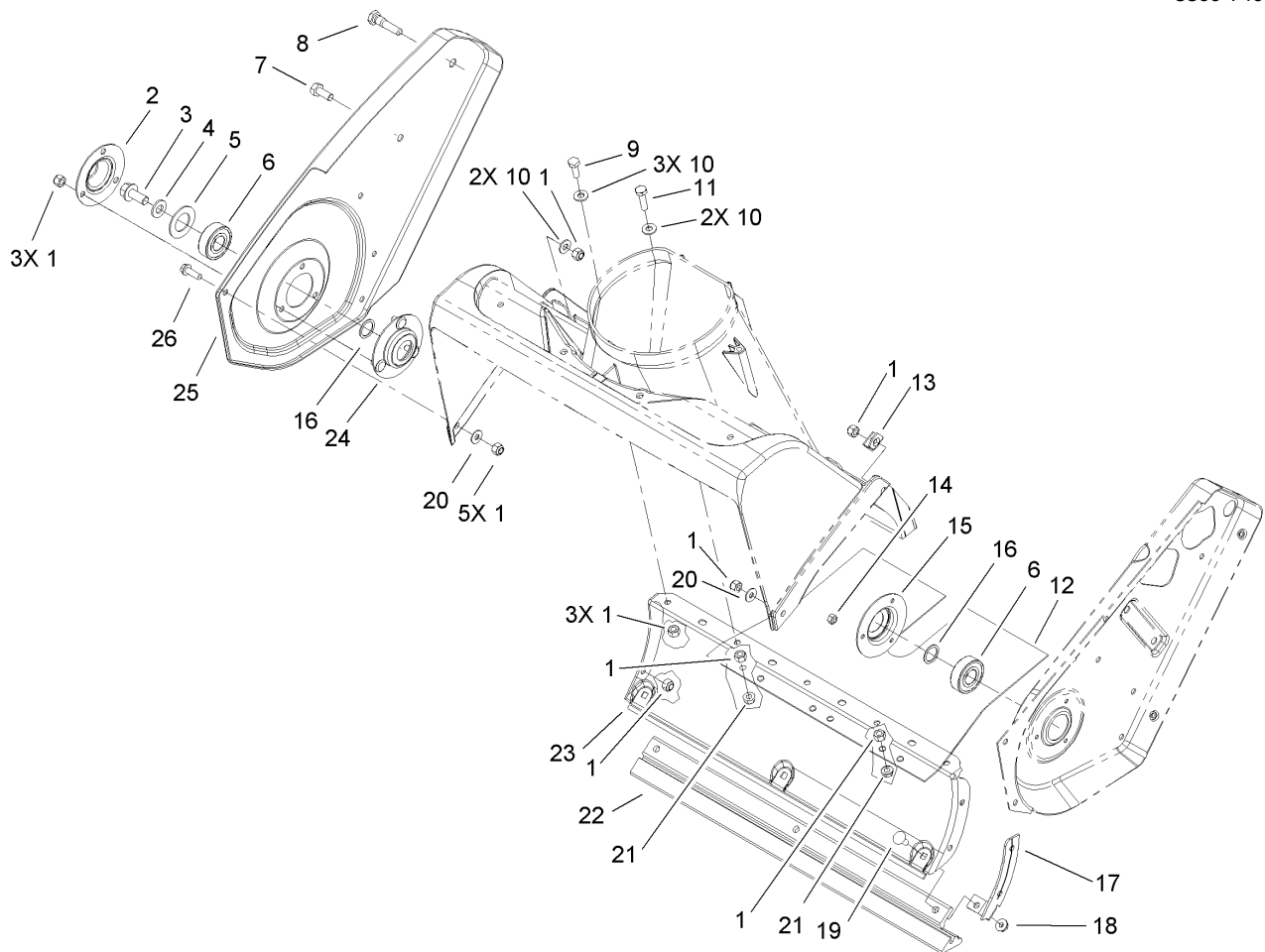
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR. as required	HYD. hydraulic
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
HD. heavy-duty	PTH. phillips truss head
HF. hex flange	PTO. power-take-off
HH. hex head	RH. right hand
HHF. hex head flange	ROPS. roll-over protection system
HHFTF. hex head flange thread forming	SFH. slotted fillister head
HJ. hex jam	SHH. slotted hex head
HLH. hex lag head	SHWH. slotted hex washer head
HOC. height-of-cut	SPH. slotted pan head
HSBH. hex socket button head	SQH. square head
HSFH. hex socket flat head	SRH. slotted round head
HSH. hex socket head	STD. standard
HWH. hex washer head	TAP. self tapping
HWHTF. hex washer head thread forming	TTH. torx truss head

Footnotes

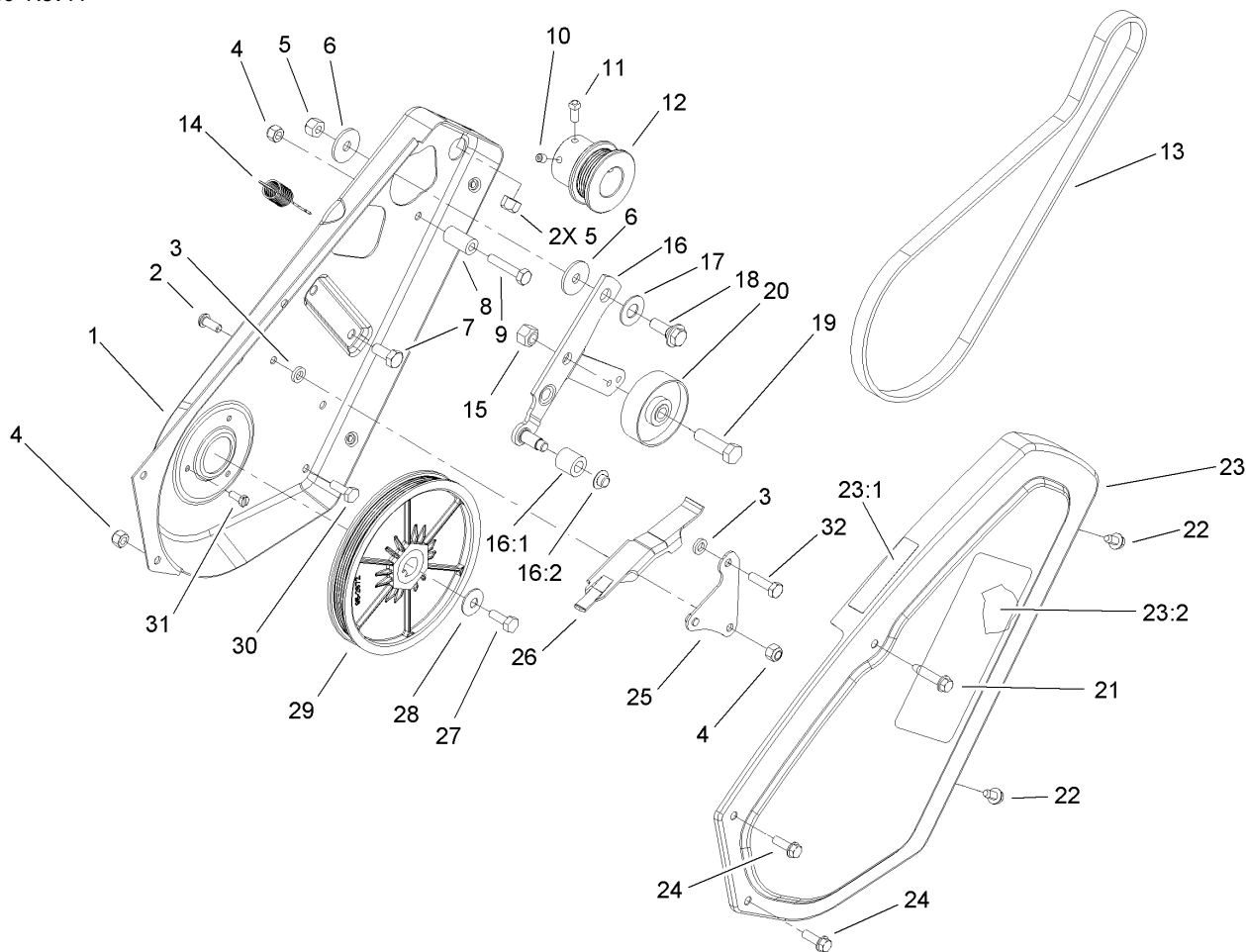
- | | |
|--|--|
| ❶ Not serviced separately | ❷ Obtain from your local Briggs & Stratton dealer |
| ❸ Included in Carburetor Overhaul Kit (Ref. No. 121) | ❹ Included in Carburetor Gasket Set (Ref. No. 977) |



Rotor Housing and Scraper Assembly

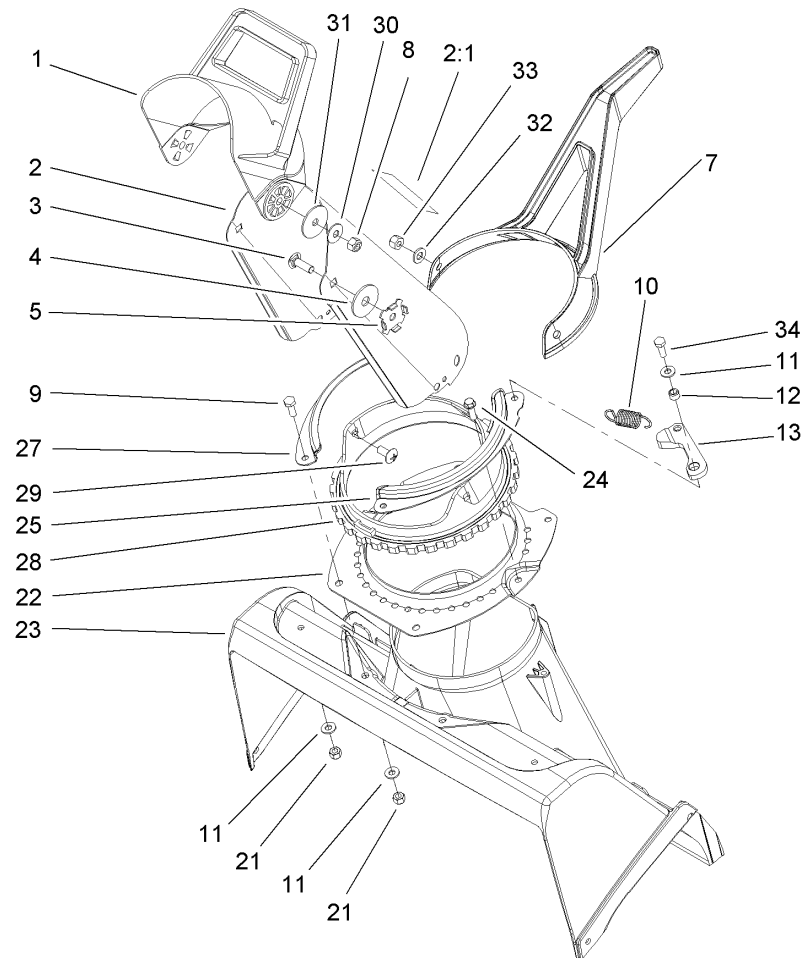
Ref	Part No.	Qty.	Description
1	3296-42	17	Nut-Lock, NI
2	52-7290-03	1	Retainer-Bearing
3	3234-25	1	Screw-HHF
4	3256-24	1	Washer-Flat
5	52-7270	1	Washer-Rubber
6	100-1048	2	Bearing-Ball
7	322-43	1	Screw-HH
8	38-8211	1	Pin-Rotor
9	321-4	3	Screw-HH
10	3256-22	7	Washer-Flat
11	321-6	2	Screw-HH
12	55-9512	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



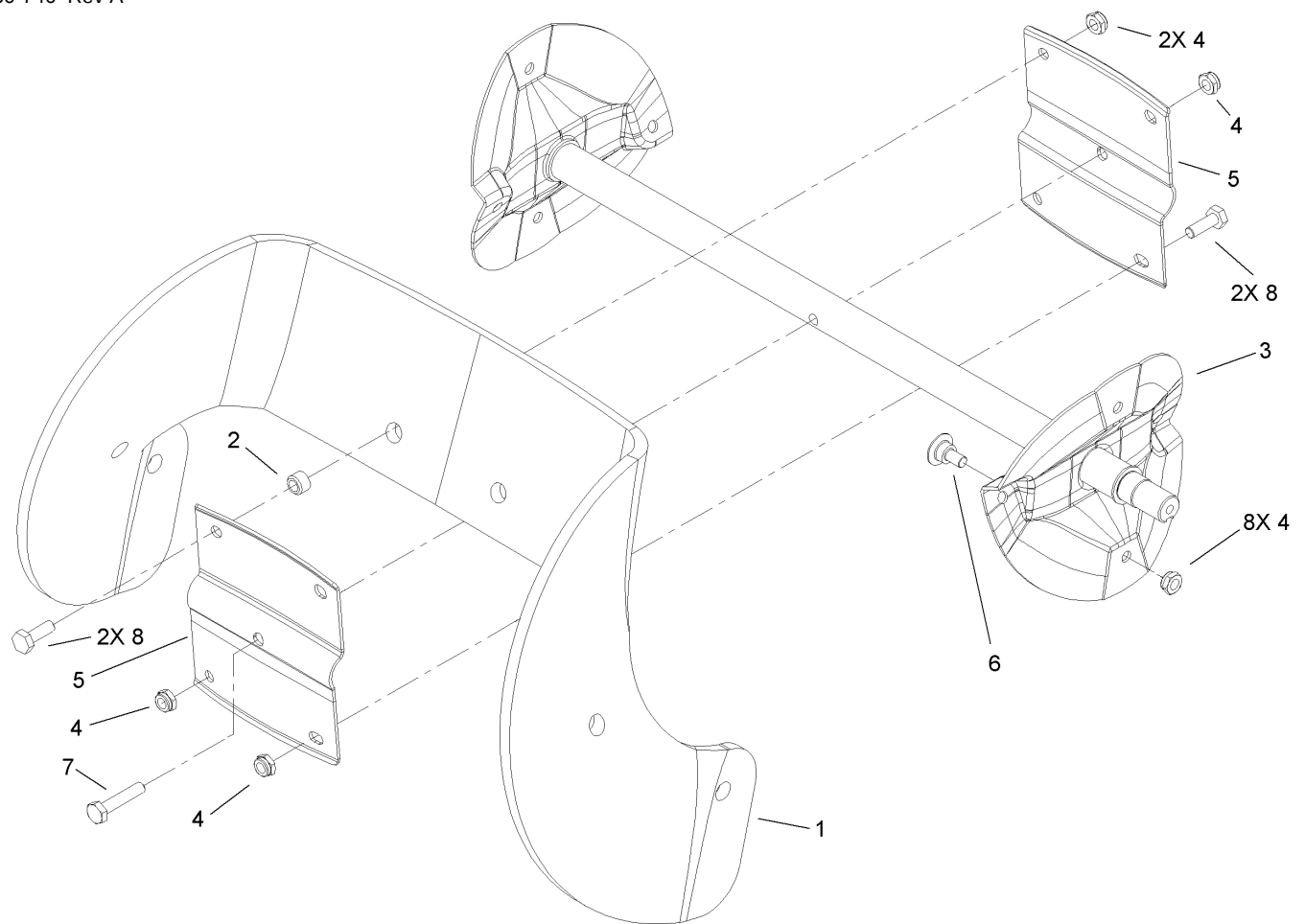
Impeller Drive Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	55-8851-03	1	Plate-Side, LH	23	105-1997	1	Cover-Drive
2	3274-31	1	Screw-HSBH	23:1	104-2767	1	Decal-Warning
3	55-9620	2	Spacer-Plate, Pivot	23:2	60-9480	1	Decal
4	3296-42	3	Nut-Lock, NI	24	32105-15	2	Screw
5	3296-29	3	Nut-Lock, NI	25	55-9570	1	Pivot Plate ASM
6	5-4460	2	Washer-Pivot	26	55-9550	1	Brake-Arm
7	322-3	2	Screw-HH	27	321-30	1	Screw-HH
8	55-9530	1	Sleeve-Guide, Belt	28	3290-456	1	Washer-Belleville
9	321-13	1	Screw-HH	29	95-2672	1	Pulley Rotor ASM
10	3245-32	1	Screw-HSH	30	321-4	2	Screw-HH
11	3241-7	1	Screw-SQH	31	32105-8	3	Screw-SHH
12	95-2673	1	Pulley-Engine	32	321-6	1	Screw-HH
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	32144-110	1	Screw-HWH				
22	12-3270	2	Screw				



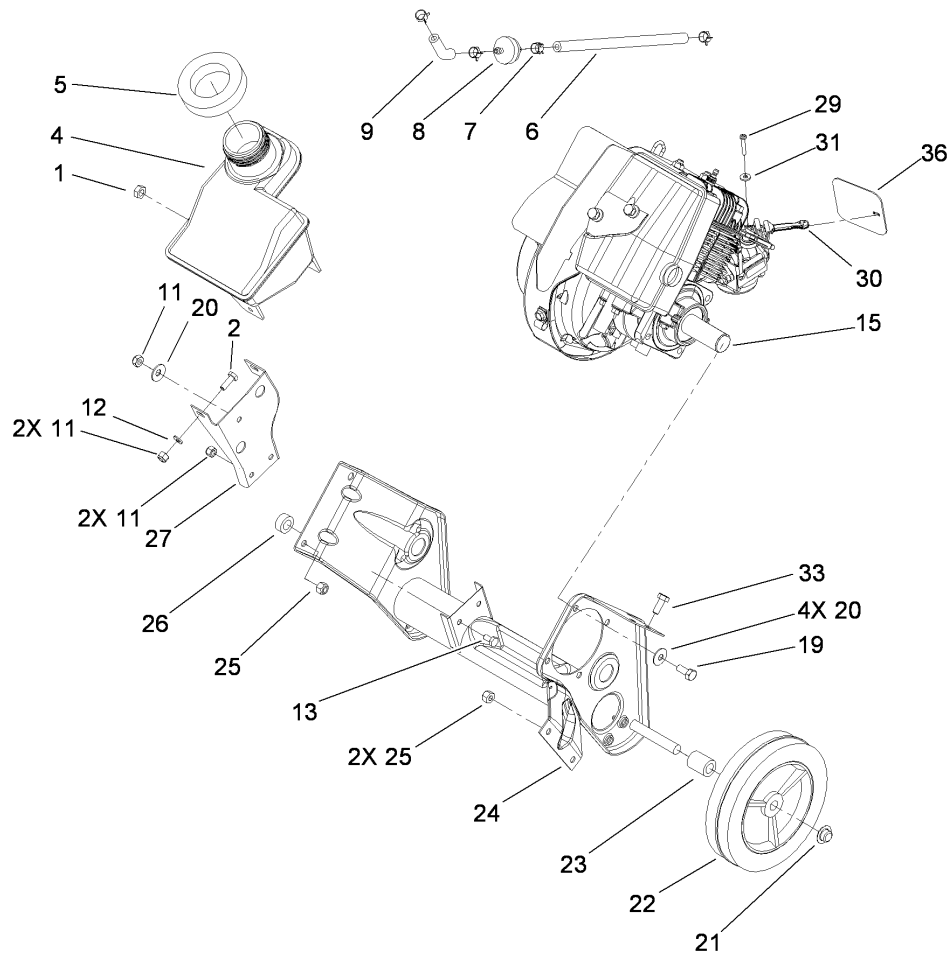
Chute Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	56-2680	1	Chute-Deflector	33	3296-47	3	Nut-Lock, NI
2	104-4115	1	Chute ASM	34	321-6	1	Screw-HH
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	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	46-8091	2	Screw-HWH				
25	71-4980-03	1	Retainer-Chute, LH				
27	71-4990-03	1	Retainer-Chute, RH				
28	104-2763	1	Ring-Chute				
29	100-5487	3	Screw-PTH				
30	3290-456	2	Washer-Belleville				
31	3256-68	2	Washer-Flat				
32	3256-70	3	Washer-Flat				



Rotor Assembly

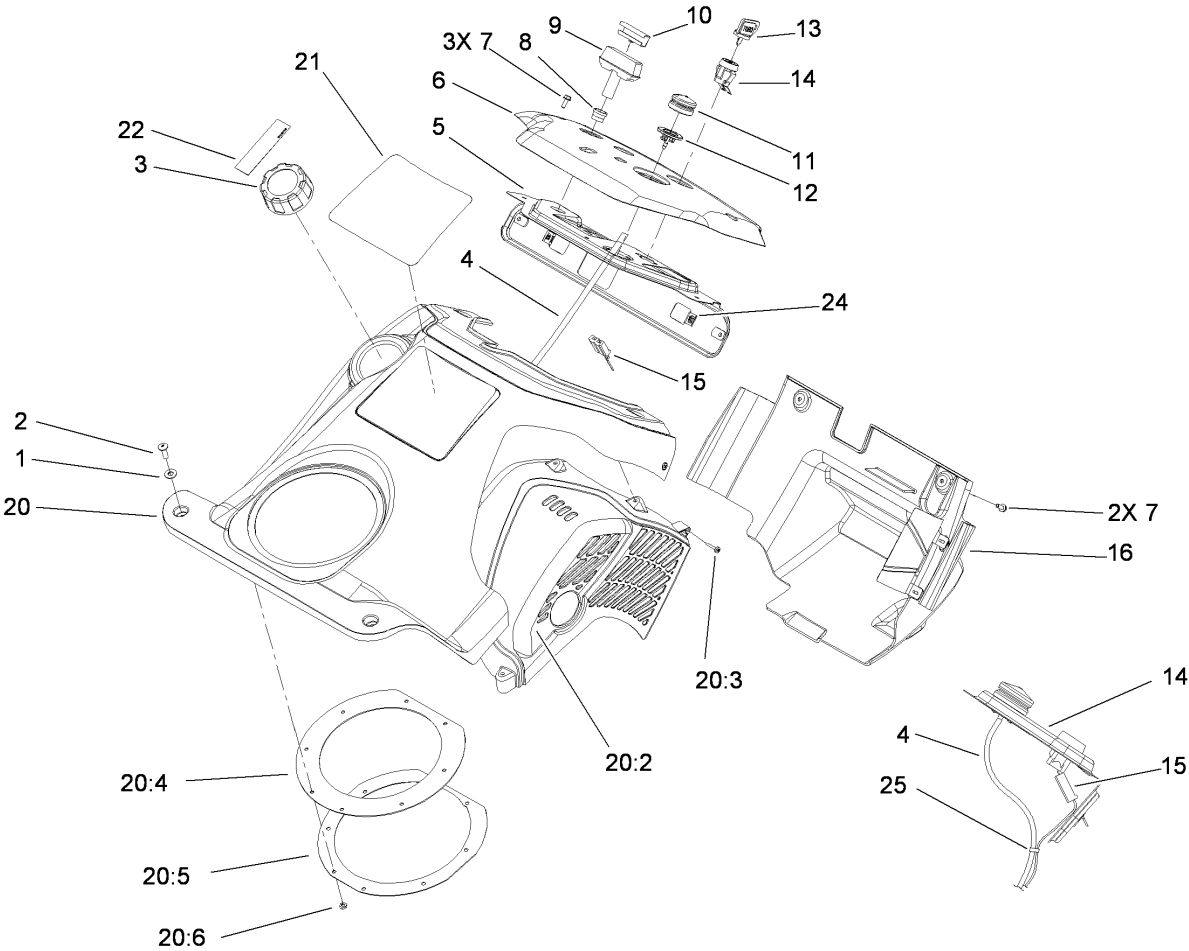
Ref	Part No.	Qty.	Description				
1	99-9313	2	Blade-Rotor				
2	55-9370	4	Spacer-Blade, Rotor				
3	100-5478-03	1	Rotor ASM				
4	3296-56	13	Nut-Lock, NI				
5	66-6600-03	2	Half-Rotor				
6	84-1971	8	Screw				
7	321-8	1	Screw-HH				
8	321-4	4	Screw-HH				



Engine, Gas Tank and Frame Assembly

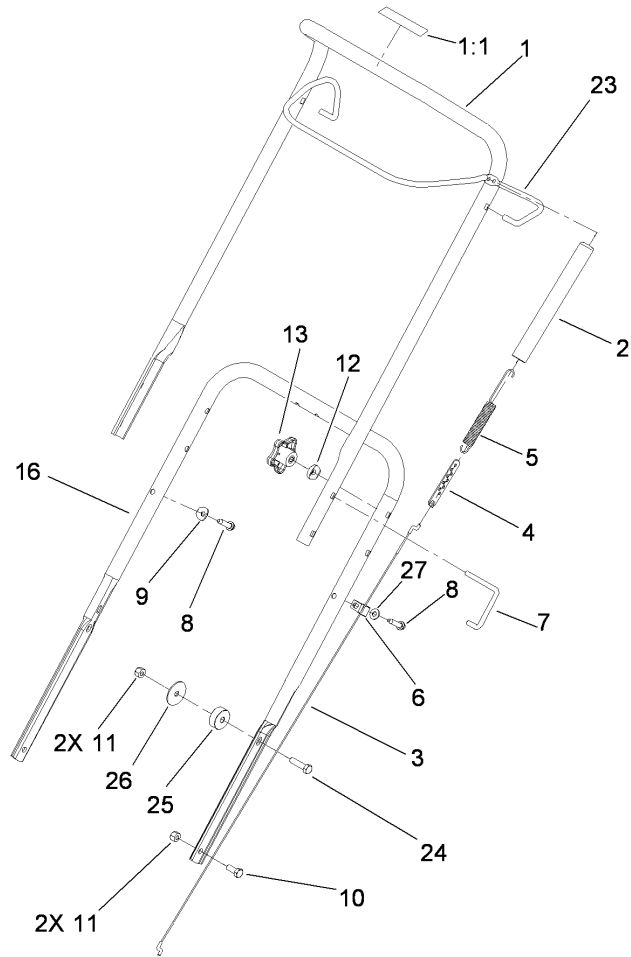
Ref	Part No.	Qty.	Description
1	32152-8	1	Nut-Lock, Cone
2	321-4	2	Screw-HH
4	105-8952	1	Tank-Gas
5	55-9310	1	Seal-Foam
6	110-4894	1	Hose-Fuel
7	2412-98	4	Clamp
8	56-6360	1	Filter-Fuel
9	109-0304	1	Hose-Fuel
11	3296-42	5	Nut-Lock, NI
12	3256-22	2	Washer-Flat
13	321-2	2	Screw-HH
15		1	Engine-Briggs And Stratton, 084132-0120-E8
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

Ref	Part No.	Qty.	Description
31	3256-14	1	Washer-Flat
33	322-43	2	Screw-HH
36	110-3444	1	Shield-Choke Hole



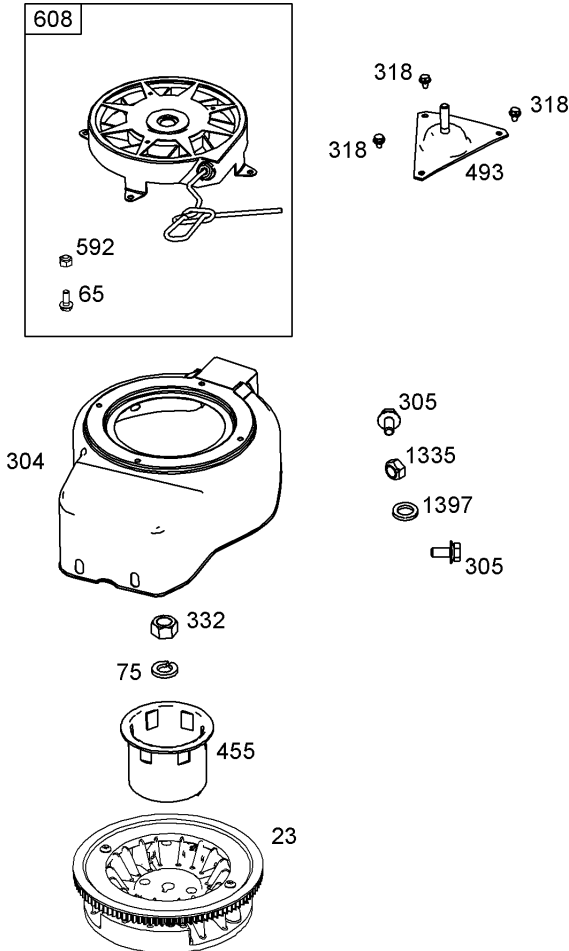
Shroud and Control Panel Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	3256-22	2	Washer-Flat	24	100-9889	2	Nut-Speed
2	3250-32	2	Screw-PPH	25	250-4	1	Tie-Cable
3	104-4133	1	Gas Cap ASM				
4	98-1372	1	Hose-Primer				
5	105-1999-03	1	Panel-Support, Control				
6	105-3521	1	Panel-Control				
7	32144-112	5	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	108-7335	1	Lower Shroud/Baffle ASM				
20	110-2187	1	Upper Shroud ASM				
20:2	108-7333	1	Shield-Heat				
20:3	94-4496	5	Screw-PPH				
20:4	105-3543	1	Seal-Chute				
20:5	55-9540-03	1	Retainer-Seal, Chute				
20:6	3290-474	8	Palnut				
21	114-9268	1	Decal				
22	104-9748	1	Tape-Oil Mix				



Handle Assembly

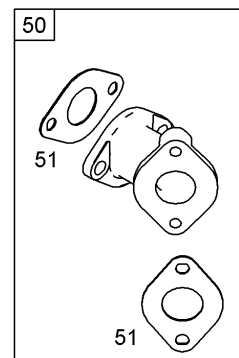
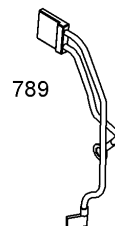
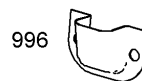
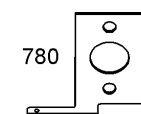
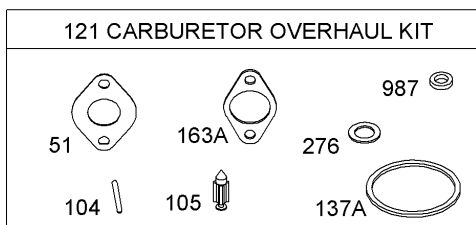
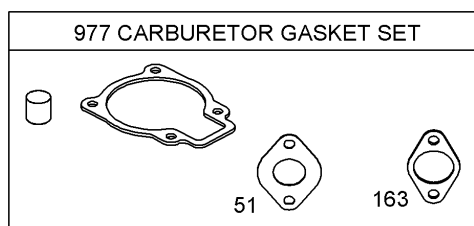
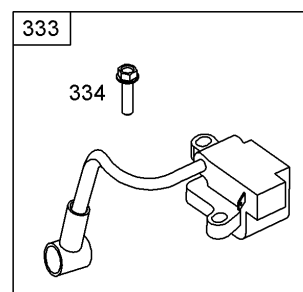
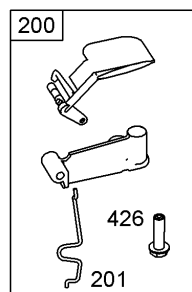
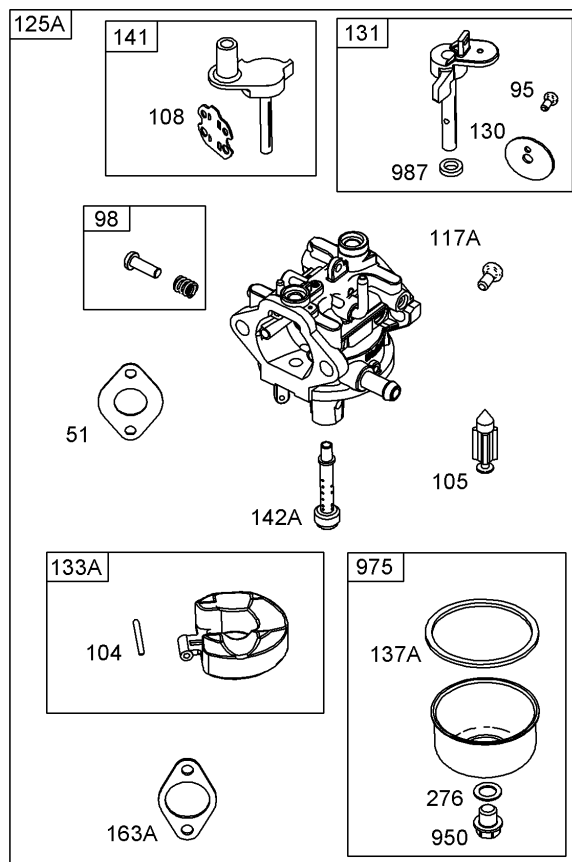
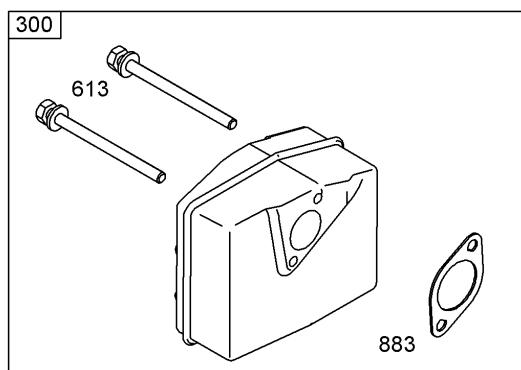
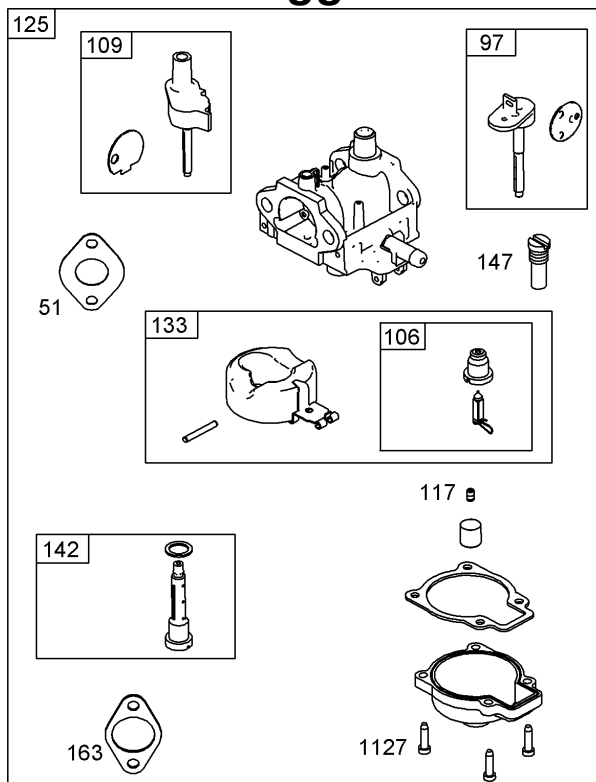
Ref	Part No.	Qty.	Description				
1	95-2669	1	Upper Handle ASM				
1:1	104-2775	1	Decal-Drive, Rotor				
2	71-5530	1	Cover-Spring				
3	110-2182	1	Cable-Clutch				
4	71-5330	1	Adjuster-Cable, Clutch				
5	110-2181	1	Spring-Extension				
6	2412-91	1	Clamp				
7	98-2266	2	Lock-Handle				
8	32144-110	2	Screw-HWH				
9	3-7501	1	Washer				
10	322-3	2	Screw-HH				
11	3296-29	4	Nut-Lock, NI				
12	107-3844	2	Washer				
13	106-4161	2	Knob-Handle				
16	55-9121-03	1	Handle-Lower				
23	100-5473-03	1	Bail-Control				
24	322-6	2	Screw-HH				
25	105-1961	2	Spacer				
26	3256-68	2	Washer-Flat				
27	3256-22	1	Washer-Flat				



Flywheel, Blower Housing and Rewind Starter Assembly
Briggs and Stratton 084132-0120-E8

Ref	Part No.	Qty.	Description				
223	801246	1	Flywheel				
265	801243	1	Screw (Rewind Starter)				
275	801237	1	Washer (Flywheel)				
2304	801257	1	Housing-Blower				
2305	801239	1	Screw (Blower Housing)				
2318	801241	1	Screw (Mounting Bracket)				
2332	801238	1	Nut (Flywheel)				
2455	801235	1	Cup-Flywheel				
2493	801240	1	Bracket-Mounting				
2592	801244	1	Nut (Rewind Starter)				
2608	801242	1	Starter-Rewind				
21335	801269	1	Nut (Blower Housing)				
21397	801270	1	Washer (Blower Housing)				

Muffler, Carburetor and Intake Manifold Assembly Briggs and Stratton 084132-0120-E8



Muffler, Carburetor and Intake Manifold Assembly

Briggs and Stratton 084132-0120-E8

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
250	801232	1	Manifold-Intake	2333	801268	1	Armature-Magneto
251	801224	1	Gasket-Intake	2334	801267	1	Screw (Magneto Armature)
254	801230	1	Screw (Intake Manifold)	2426	801231	1	Screw (Governor Blade)
295	801415	1	Screw (Throttle Valve) (Used After Code Date 06060600)	2613	801251	1	Screw (Muffler)
297	801306	1	Shaft-Throttle (Used Before Code Date 06060700)	2654	801324	1	Nut (Intake Manifold) (Used Before Code Date 05042600)
298	801419	1	Idle Speed Kit (Used After Code Date 06060600)	2711	801229	1	Screw (Carburetor Shield)
2104	691242	1	Pin-Hinge, Float (Used After Code Date 06060600)	2780	801228	1	Anchor-Spring
2105	801423	1	Valve-Needle, Float (Used After Code Date 06060600)	2789	801253	1	Wire ASM
2106	801317	1	Seat-Inlet (Used Before Code Date 06060700)	2883	801252	1	Gasket-Exhaust
2108	801413	1	Valve-Choke (Used After Code Date 06060600)	2950	801421	1	Screw-Bowl, Float (Used After Code Date 06060600)
2109	801307	1	Shaft-Choke (Used Before Code Date 06060700)	2975	801420	1	Bowl-Float (Used After Code Date 06060600)
2117	801310	1	Jet-Main (Standard) (Used Before Code Date 06060700)	2977	801312	1	Gasket Set- (Used Before Code Date 06060700)
2117A	801425	1	Jet-Main (Used After Code Date 06060600)	2987	801416	1	Seal-Shaft, Throttle (Used After Code Date 06060600)
2118	801426	1	Jet-Main (Used After Code Date 06060600)	2996	801226	1	Shield-Carburetor
2121	801427	1	Carburetor Overhaul Kit (Used After Code Date 06060600)	21127	801318	1	Screw (Float Bowl) (Used Before Code Date 06060700)
2125	801233	1	Carburetor (Used Before Code Date 06060700)				
2125A	801396	1	Carburetor (Used After Code Date 06060600)				
2130	801414	1	Valve-Throttle (Used After Code Date 06060600)				
2131	801417	1	Throttle Shaft Kit (Used After Code Date 06060600)				
2133	801316	1	Float-Carburetor (Used Before Code Date 06060700)				
2133A	801422	1	Float-Carburetor (Used After Code Date 06060700)				
2137A	693981	1	Gasket-Bowl, Float (Used After Code Date 06060600)				
2141	801418	1	Choke Shaft Kit (Used After Code Date 06060600)				
2142	801313	1	Nozzle-Carburetor (Used Before Code Date 06060700)				
2142A	801424	1	Nozzle-Carburetor (Used After Code Date 06060600)				
2147	801308	1	Jet-Pilot (Used Before Code Date 06060700)				
2163	801227	1	Gasket-Cleaner, Air (Used Before Code Date 06060700)				
2163A	801397	1	Gasket-Cleaner, Air (Used After Code Date 06060600)				
2200	801289	1	Blade-Governor				
2201	801225	1	Link-Vane, Air				
2209	801223	1	Spring-Governor				
2276	692255	1	Washer-Sealing (Used After Code Date 06060600)				
2300	801250	1	Muffler				

Attachments and Accessories

For 38515 - CCR 2450 GTS Snowthrower

Product Name	Model/Part
Snow Cab	88-0600

NOTES

