



CCR[™] 2450 GTS[®] Snowthrower

Model No. 38515 - 270010001 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	Upper Shroud Assembly No. 110-2187	 10
Impeller Drive Assembly	 4	Cylinder, Piston and Connecting Rod 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	Flywheel, Blower Housing and Rewind Starter Assembly Briggs and Stratton 084132-0120-E8	 14
Engine, Gas Tank and Frame Assembly	 7	Attachments and Accessories List	 15
Shroud and Control Panel Assembly	 8		
Handle Assembly	 9		

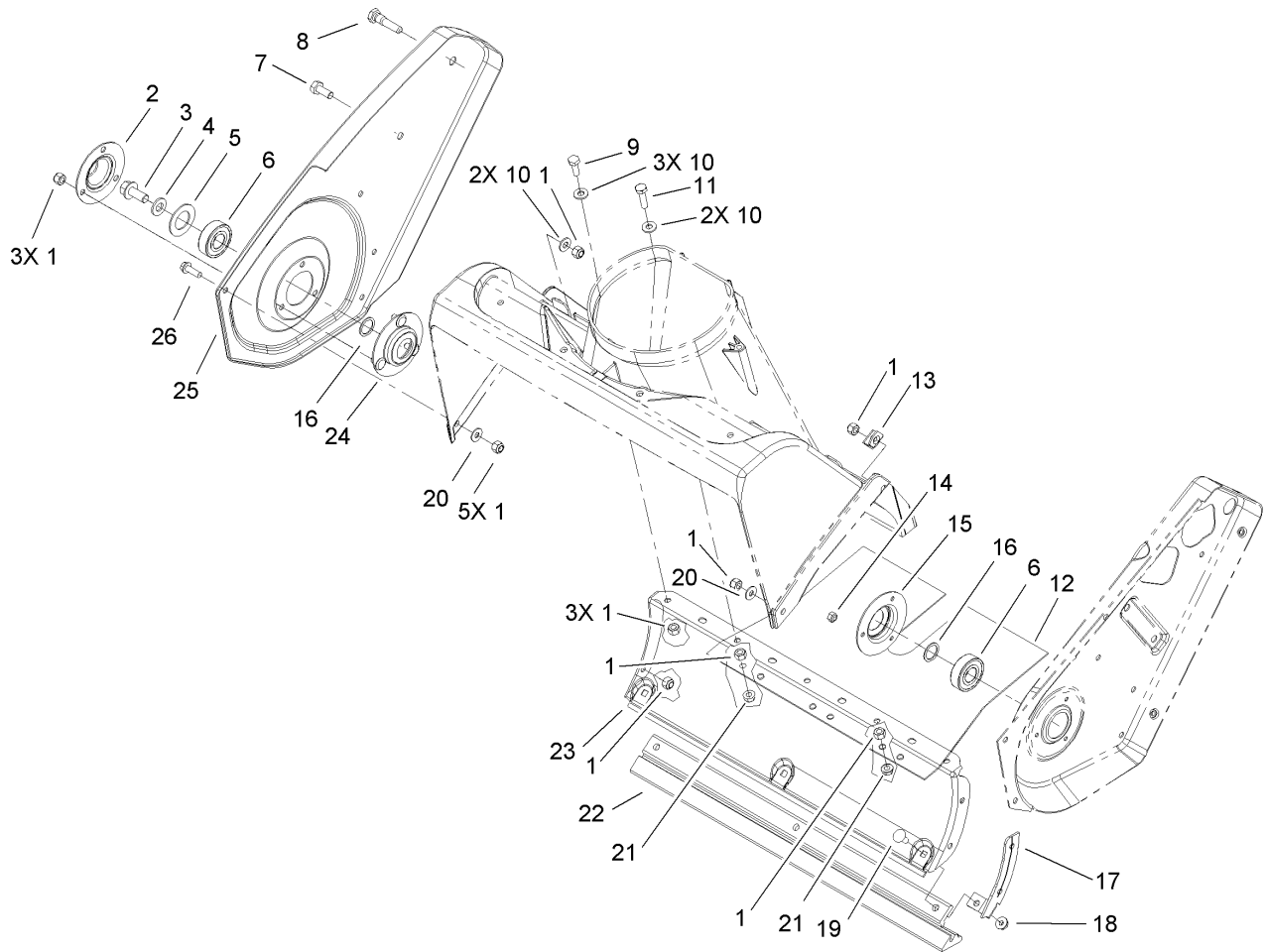
Part Description Abbreviations

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

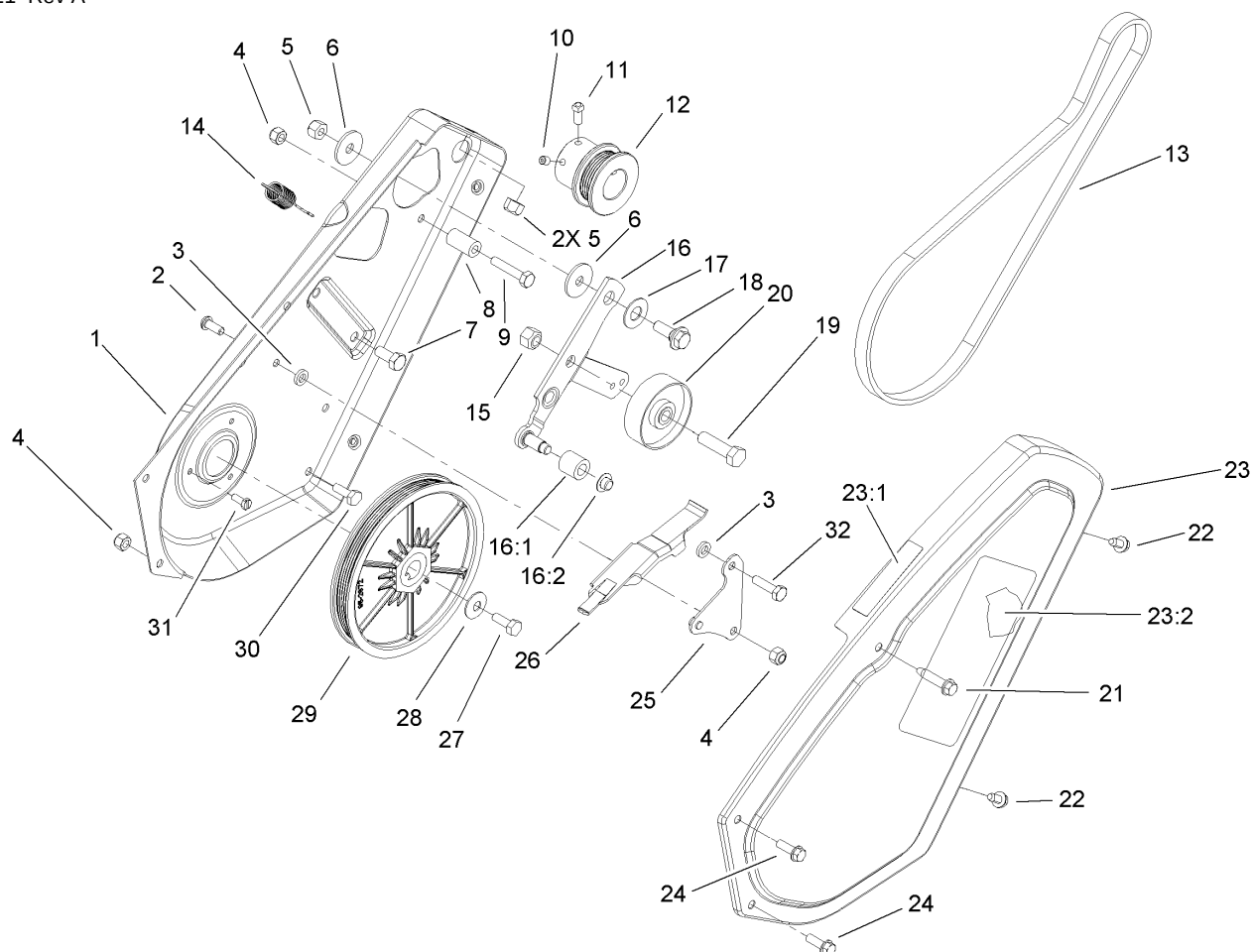
- | | |
|--|--|
| ❶ Not serviced separately | ❷ Obtain from your local Briggs & Stratton dealer |
| ❸ Included in Carburetor Overhaul Kit (Ref. No. 121) | ❹ Included in Carburetor Gasket Set (Ref. No. 977) |



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

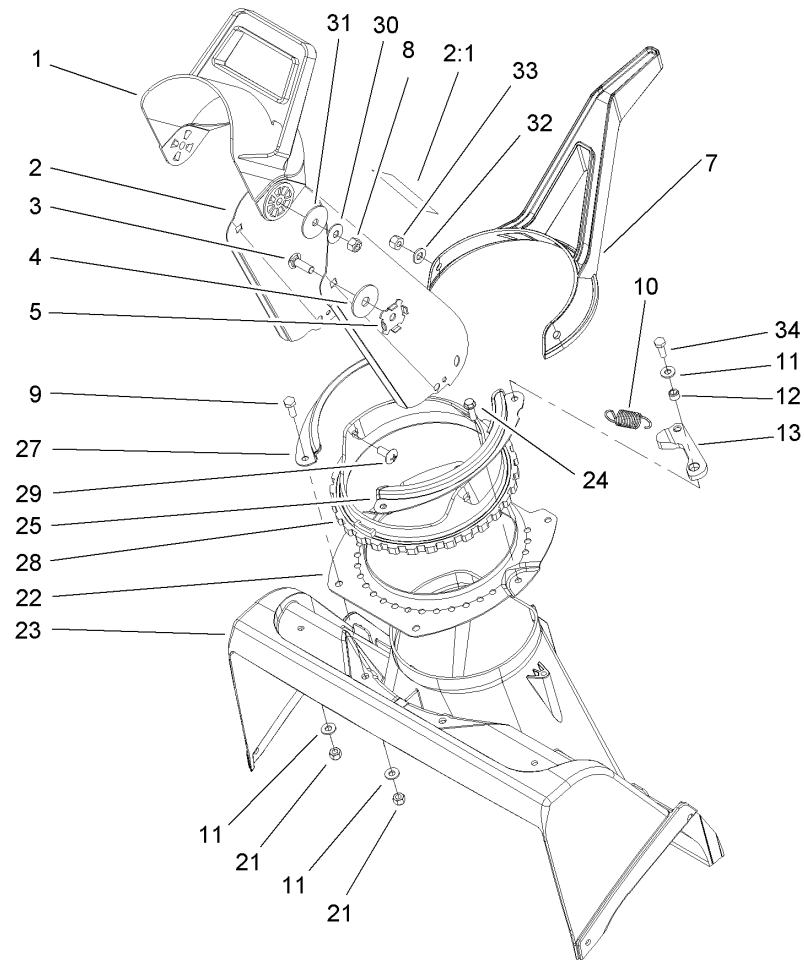
Ref	Part No.	Qty.	Description
25	105-1952-03	1	Sideplate-Right
26	32105-15	5	Screw



Impeller Drive Assembly

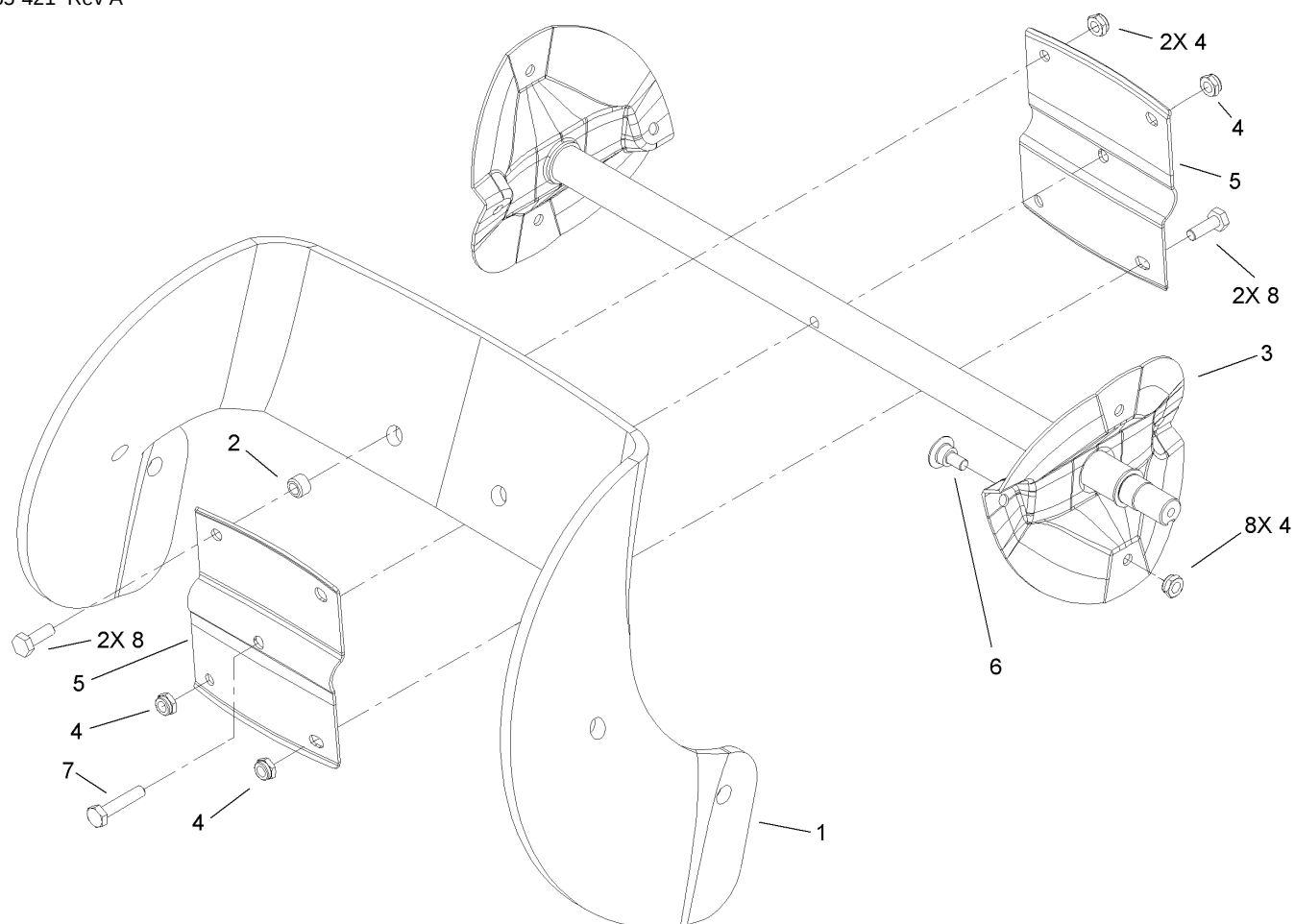
Ref	Part No.	Qty.	Description
1	55-8851-03	1	Plate-Side, LH
2	3274-31	1	Screw-HSBH
3	55-9620	2	Spacer-Plate, Pivot
4	3296-42	3	Nut-Lock, NI
5	3296-29	3	Nut-Lock, NI
6	5-4460	2	Washer-Pivot
7	322-3	2	Screw-HH
8	55-9530	1	Sleeve-Guide, Belt
9	321-13	1	Screw-HH
10	3245-32	1	Screw-HSH
11	3241-7	1	Screw-SQH
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	32144-110	1	Screw-HWH
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



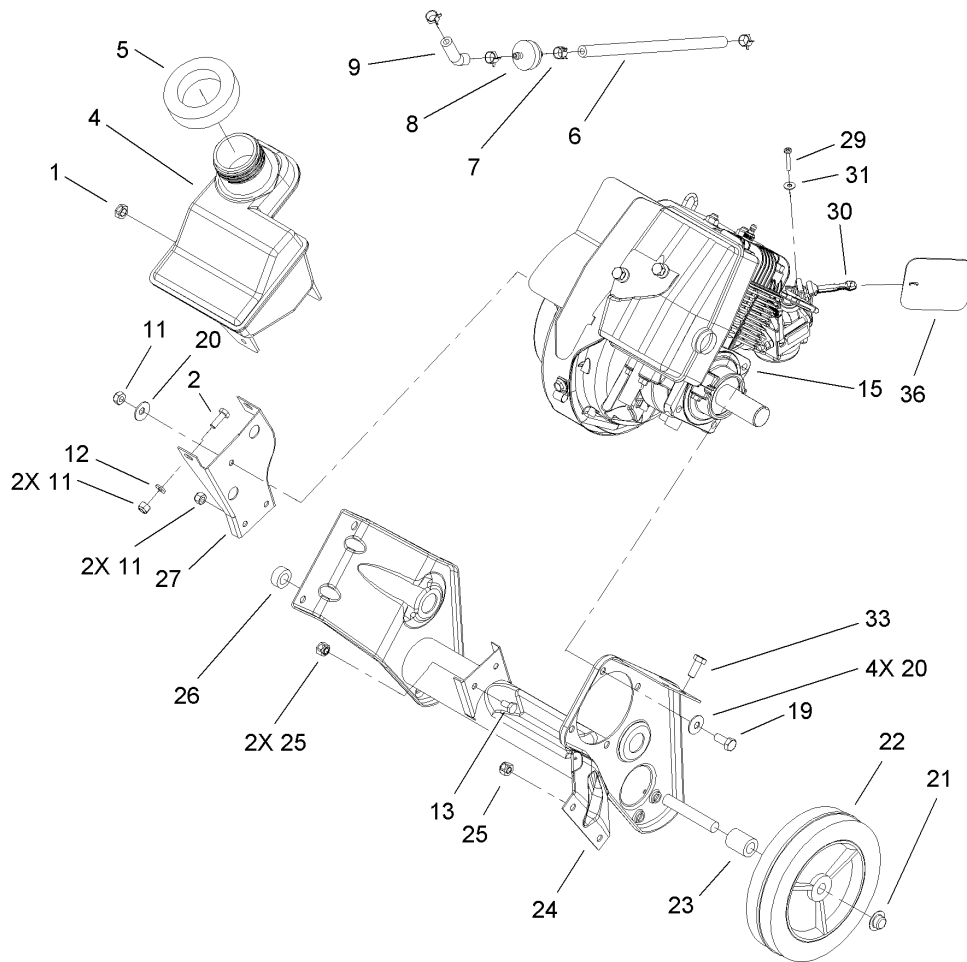
Chute Assembly

Ref	Part No.	Qty.	Description	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

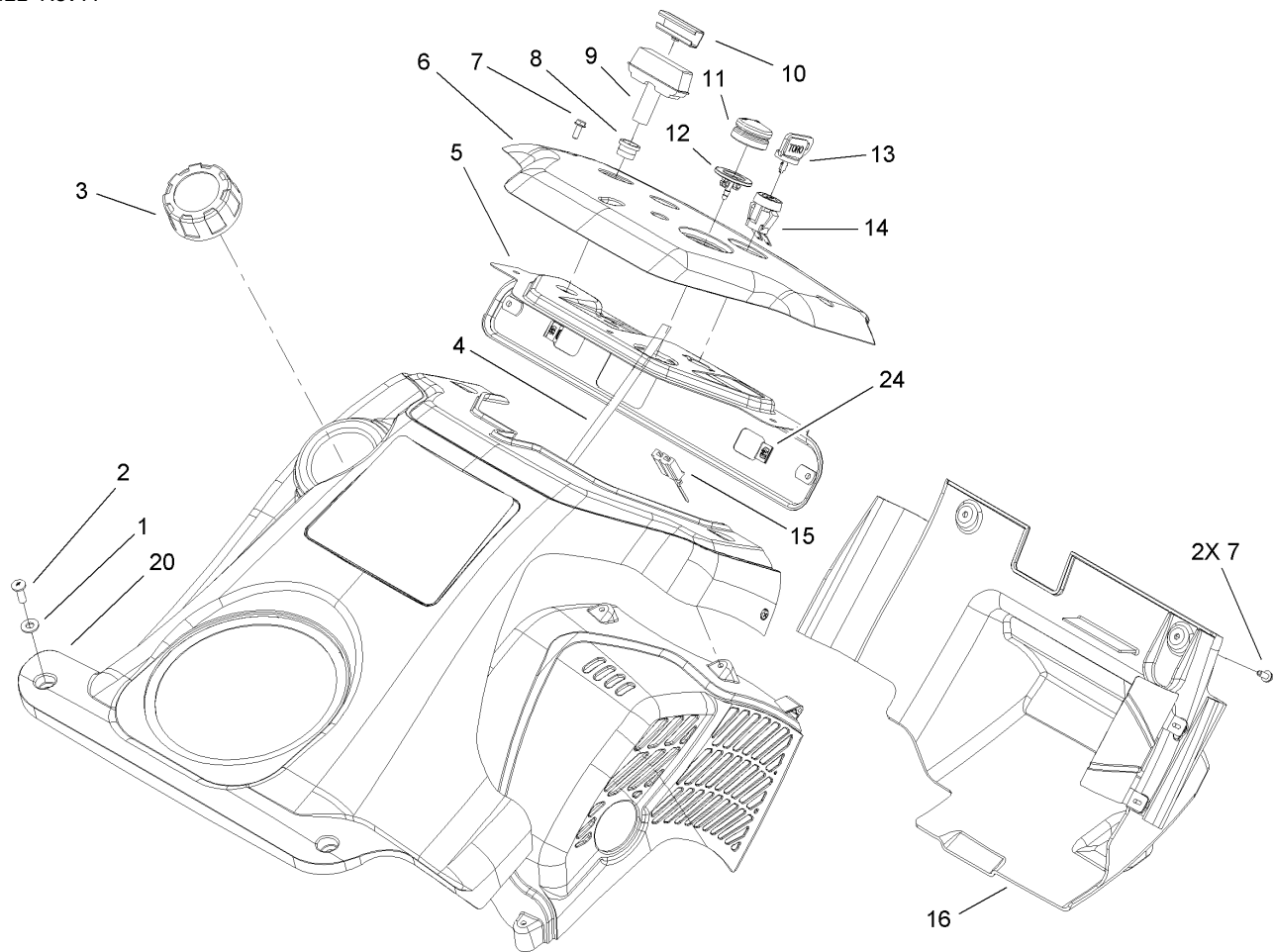
Ref	Part No.	Qty.	Description				
1	99-9313	2	Blade-Rotor				
2	55-9370	4	Spacer-Blade, Rotor				
3	100-5478-03	1	Rotor ASM				
4	3296-56	13	Nut-Lock, NI				
5	66-6600-03	2	Half-Rotor				
6	84-1971	8	Screw				
7	321-8	1	Screw-HH				
8	321-4	4	Screw-HH				



Engine, Gas Tank and Frame Assembly

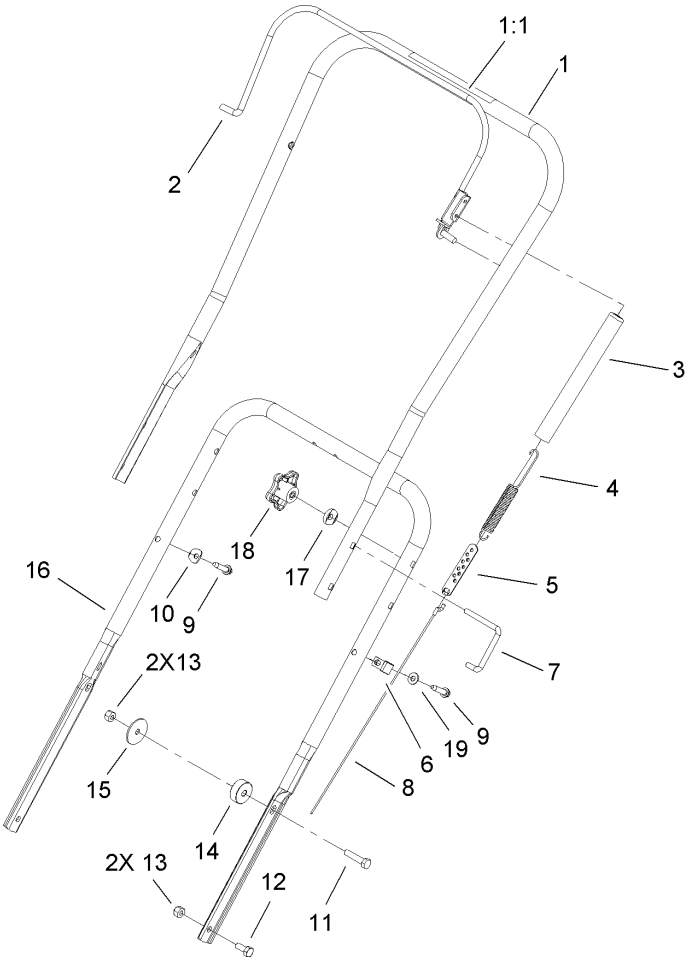
Ref	Part No.	Qty.	Description
1	32152-8	1	Nut-Lock, Cone
2	321-4	2	Screw-HH
4	105-8952	1	Tank-Gas
5	55-9310	1	Seal-Foam
6	110-4894	1	Hose-Fuel
7	2412-98	4	Clamp
8	56-6360	1	Filter-Fuel
9	109-0304	1	Hose-Fuel
11	3296-42	5	Nut-Lock, NI
12	3256-22	2	Washer-Flat
13	321-2	2	Screw-HH
15		1	Engine-Briggs And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

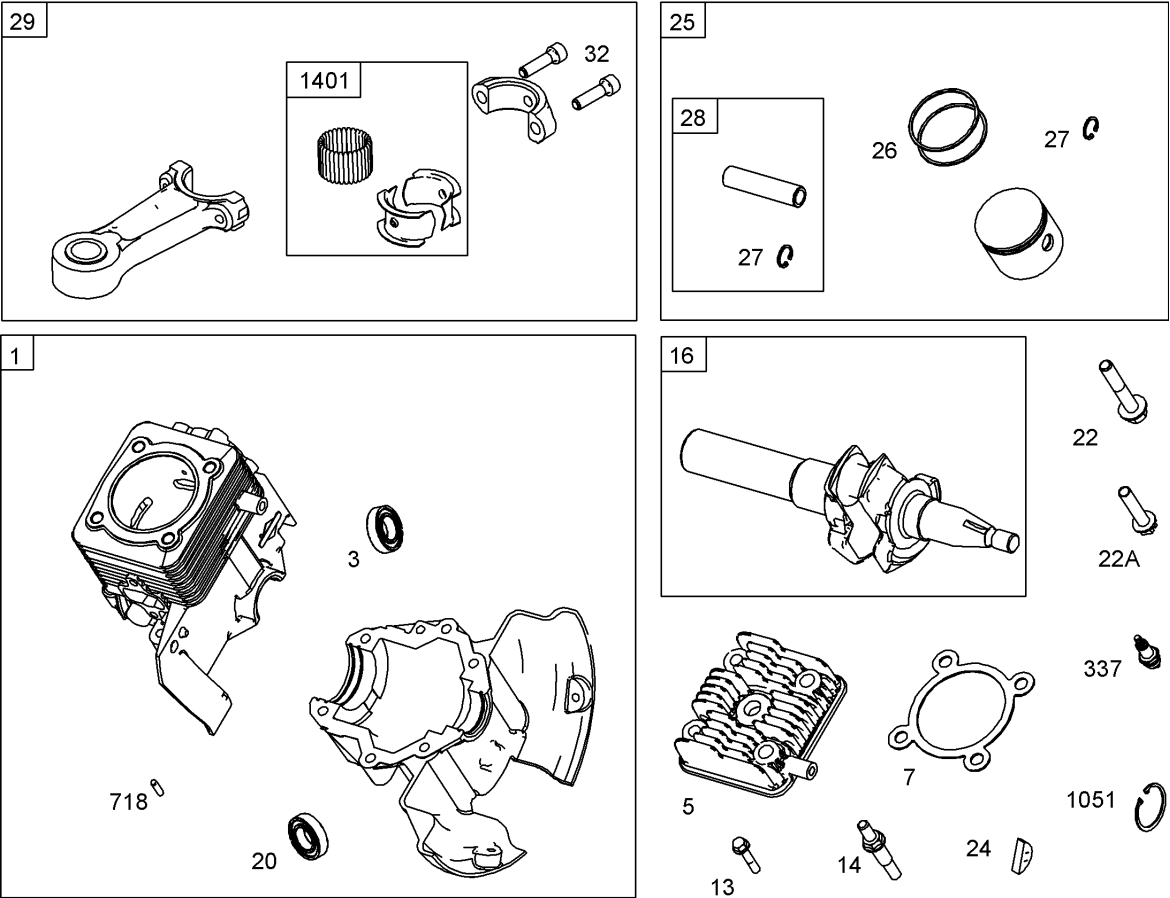
Ref	Part No.	Qty.	Description				
1	3256-22	2	Washer-Flat				
2	3250-32	2	Screw-PPH				
3	104-4133	1	Gas Cap ASM				
4	98-1372	1	Hose-Primer				
5	105-1999-03	1	Panel-Support, Control				
6	105-3521	1	Panel-Control				
7	32144-112	5	Screw-HWH				
8	55-9410	1	Guide-Rope, Starter				
9	612825	1	Handle-Start				
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				
24	100-9889	2	Nut-Speed				



Handle Assembly

Ref	Part No.	Qty.	Description				
1	95-2667	1	Handle-Upper				
1:1	104-2775	1	Decal-Drive, Rotor				
2	71-5120-03	1	Bail ASM				
3	71-5530	1	Cover-Spring				
4	71-5480	1	Spring-Clutch				
5	71-5330	1	Adjuster-Cable, Clutch				
6	2412-91	1	Clamp				
7	98-2266	2	Lock-Handle				
8	110-3437	1	Cable-Clutch				
9	32144-110	2	Screw-HWH				
10	3-7501	1	Washer				
11	322-6	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	107-3844	2	Washer				
18	106-4161	2	Knob-Handle				
19	3256-22	1	Washer-Flat				

1036 EMISSIONS LABEL

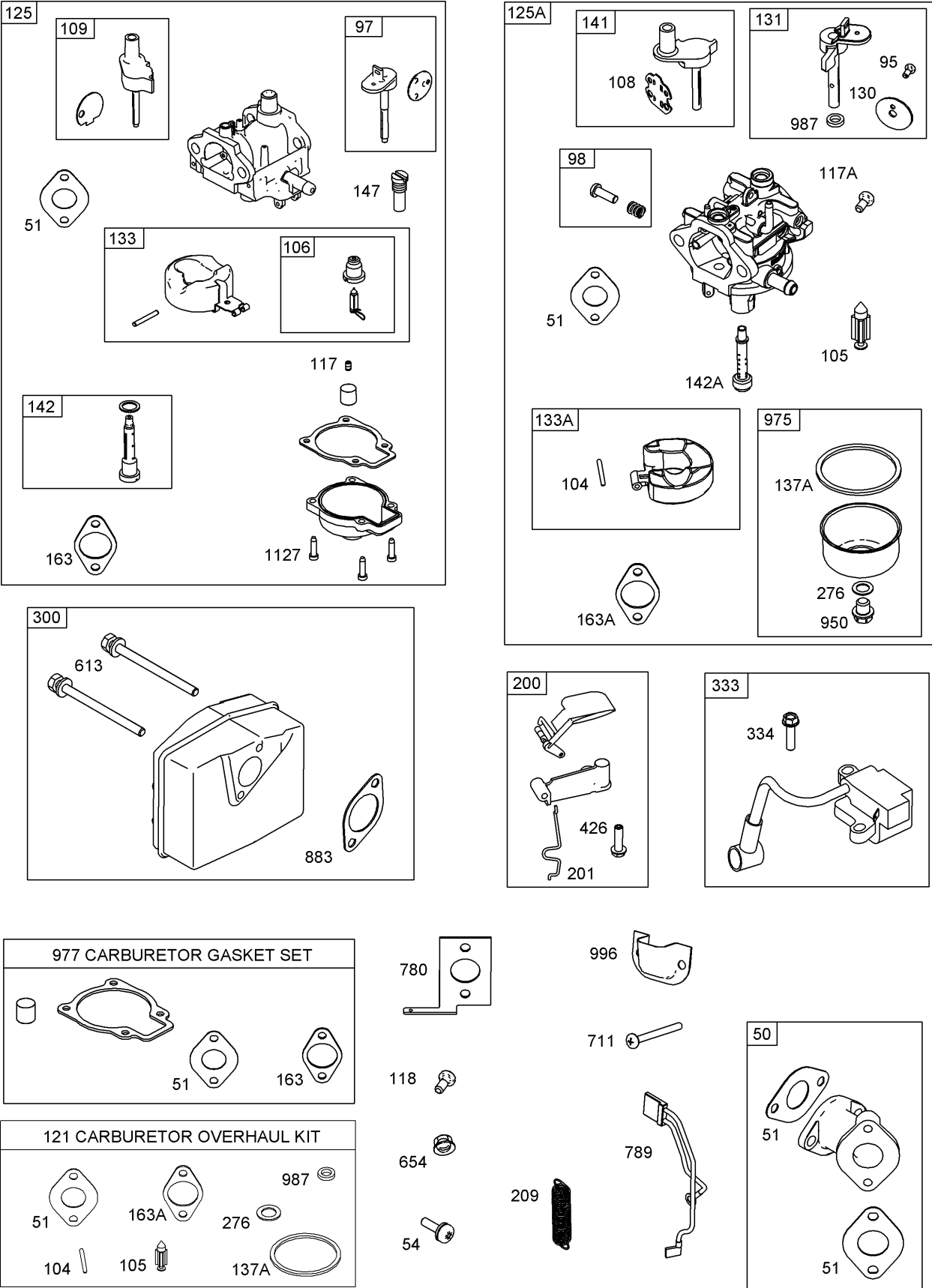


Cylinder, Piston and Connecting Rod Assembly
Briggs and Stratton 084132-0120-E8

Ref	Part No.	Qty.	Description				
21	801260	1	Cylinder ASM (Non Boost, Rewind Start)				
23	801262	1	Seal-Oil (Magneto Side)				
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 (PTO Side)				
222	801266	1	Screw (Crankcase Cover/ Sump)				
222A	801271	1	Screw (Crankcase Cover/ 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 (Connecting Rod)				
2337	801254	1	Plug-Spark				
2718	690959	1	Pin-Locating				
21051	801274	1	Ring-Retaining				
21036		1	Label-Emissions (Available From An Authorized Briggs And Stratton Service Dealer)				
21401	801290	1	Roller-Strip				

Muffler, Carburetor and Intake Manifold Assembly

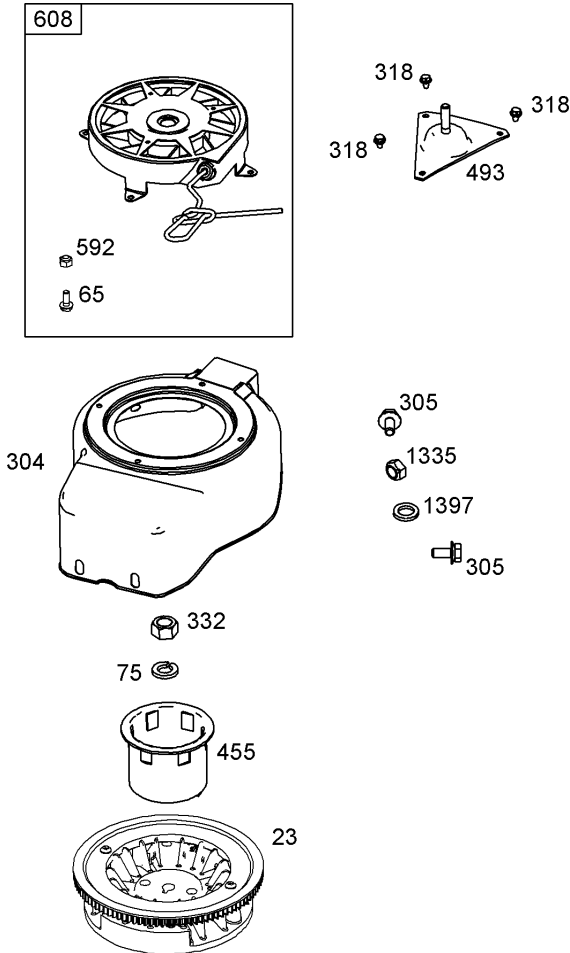
Briggs and Stratton 084132-0120-E8



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				



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)				

Attachments and Accessories

For 38515 - CCR 2450 GTS Snowthrower

Product Name	Model/Part
Lower Shroud Replacement Kit	108-7338
Snow Cab	88-0600

