Form Number 3352-463 Rev B

Power Max 6000 Snowthrower

Model No. 38610 - 250010001 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.

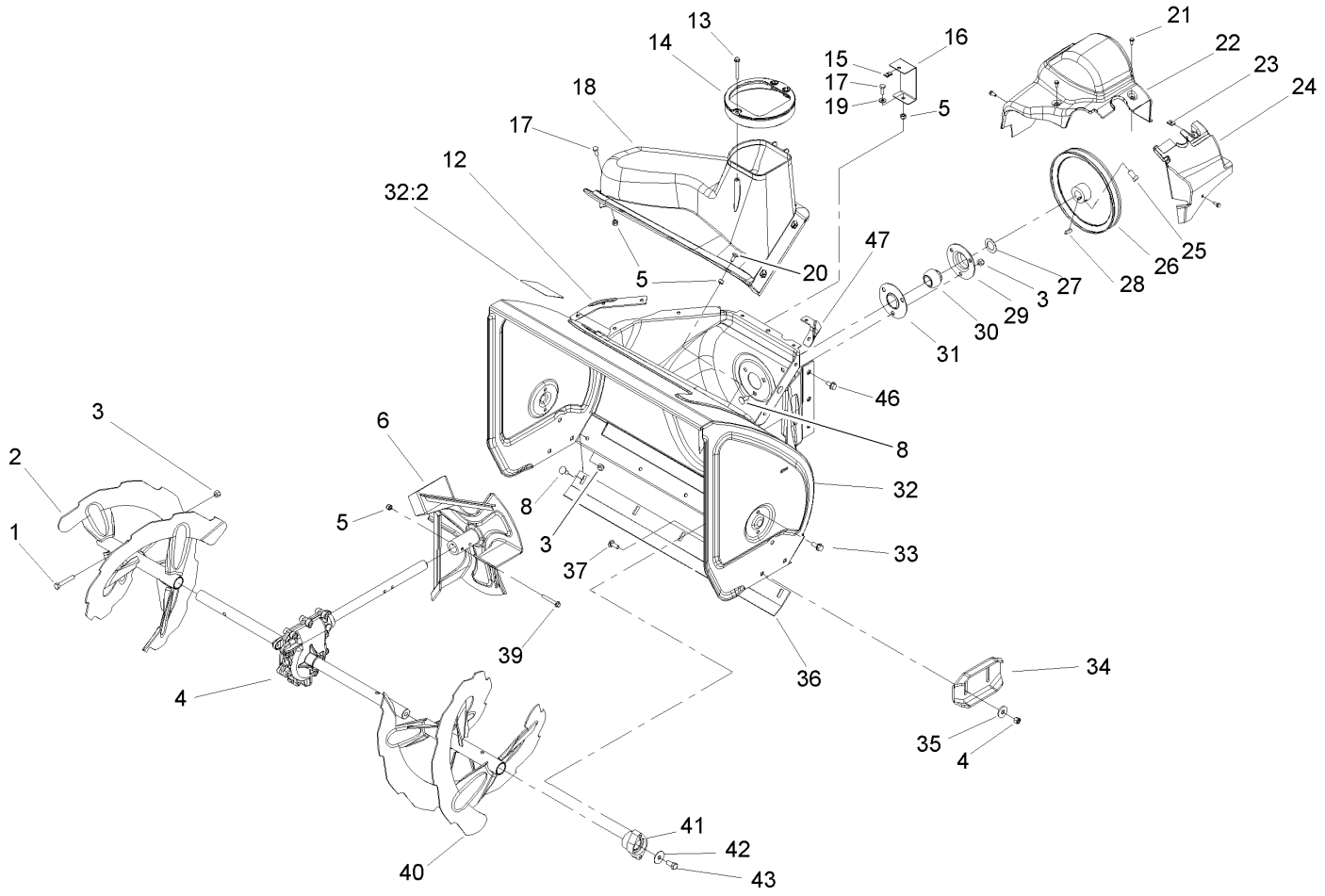
AR	as required
ASM	assembly
BBC	blade brake clutch
CARR	carriage
DEG	degrees
EXT	external
FH	flat head
GA	gauge
HF	hex flange
HH	hex head
HHF	hex head flange
HHFTF	hex head flange thread forming
HJ	hex jam
HLH	hex lag head
HOC	height-of-cut
HSBH	hex socket button head
HSFH	hex socket flat head
HSH	hex socket head
HWH	hex washer head
HWHTF	hex washer head thread forming
HYD	hydraulic
INC	incorporated
LH	left hand
NI	nylon insert
NPTF	national pipe thread fine
PFH	phillips flat head
PPH	phillips pan head
PPHTF	phillips pan head thread forming
PRH	phillips round head
PTH	phillips truss head
PTO	power-take-off
RH	right hand
ROPS	roll-over-protection-system
SFH	slotted fillister head
SHH	slotted hex head
SHWH	slotted hex washer head
SPH	slotted pan head
SQH	square head
SRH	slotted round head
STD	standard
TAP	self tapping
TTH	torx truss head

Footnotes

❶ Not illustrated

❷ Not serviced separately

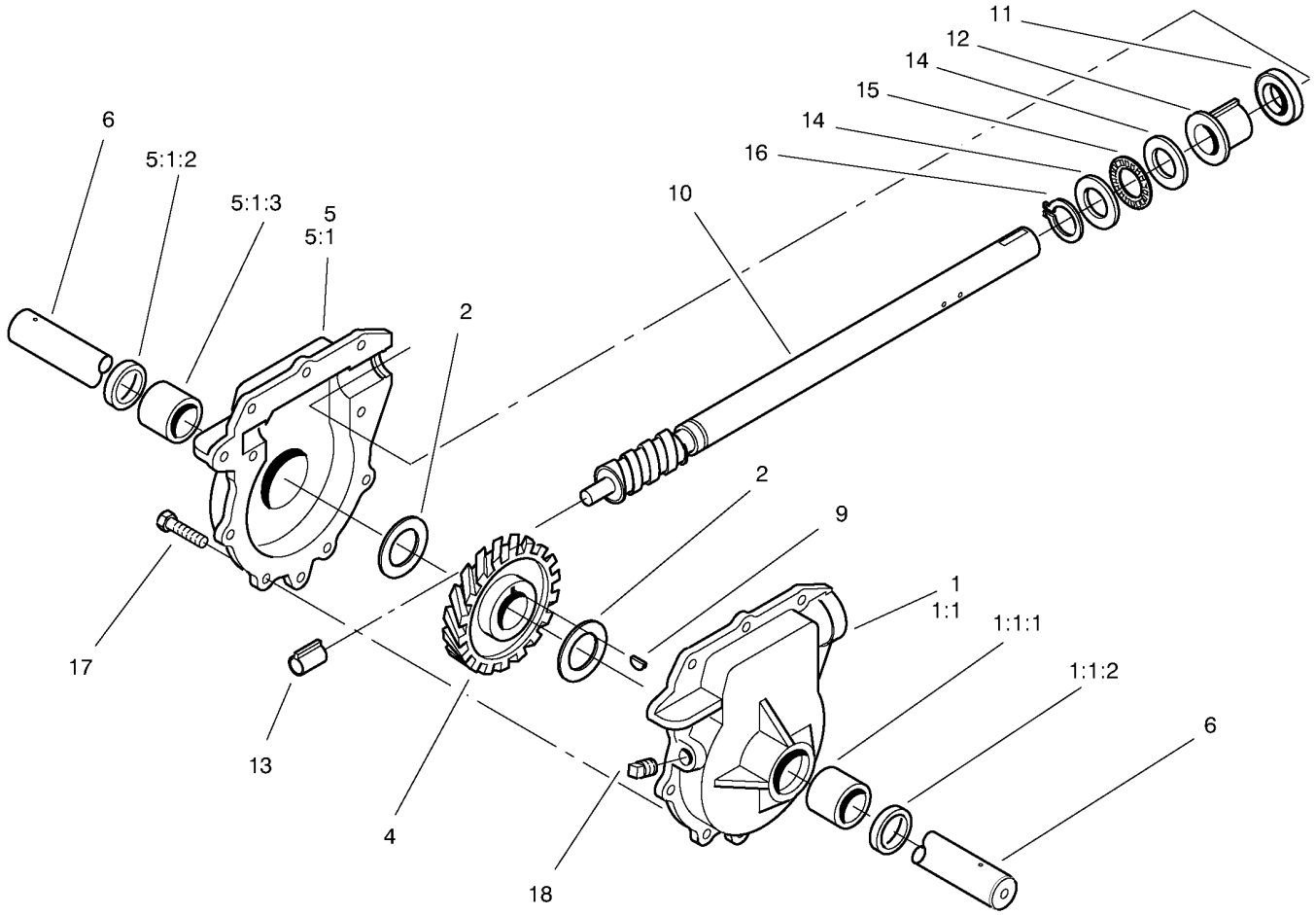
❸ Obtain from your local Briggs & Stratton dealer



Auger and Housing Assembly

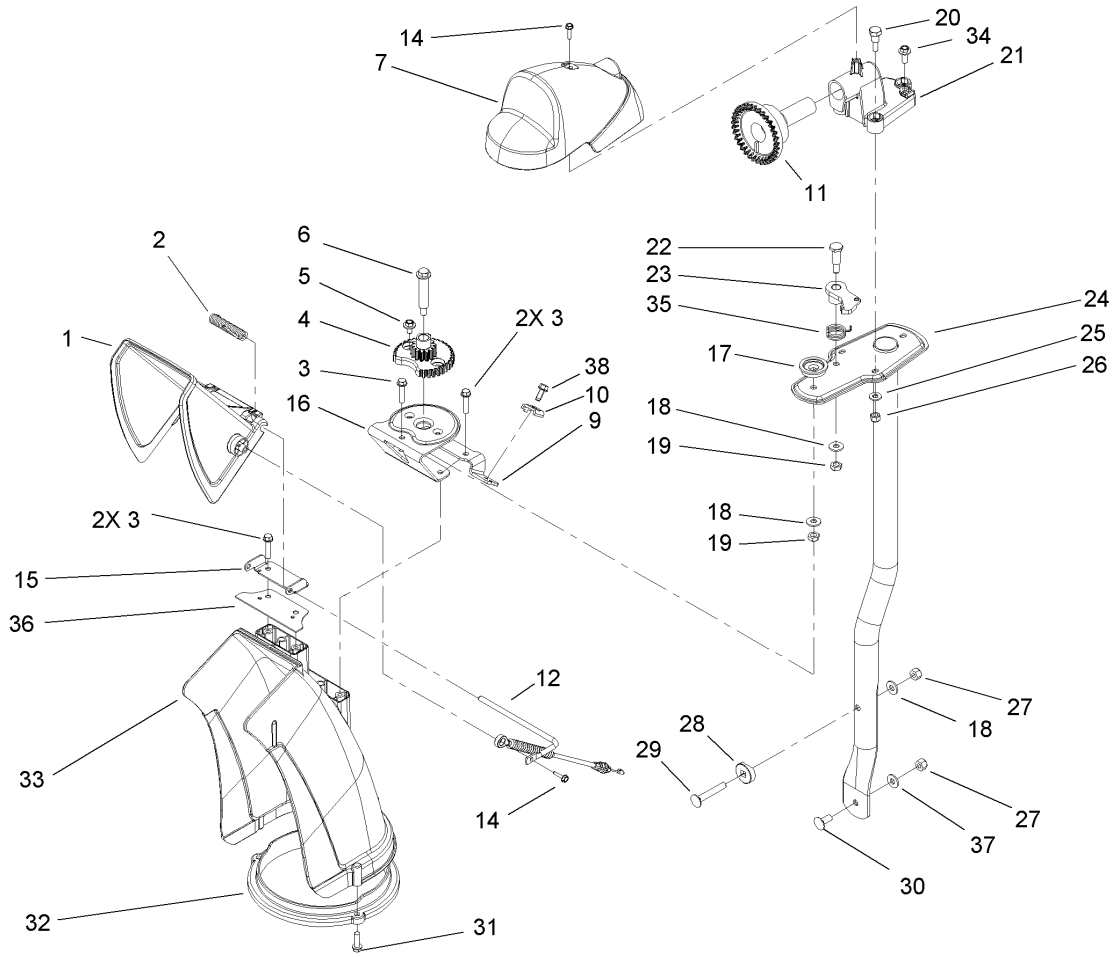
Ref	Part No.	Qty.	Description
1	322-10	2	Screw-HH
2	106-7289-03	1	RH Auger ASM
3	3296-29	14	Nut-Lock, NI
4	106-4580	1	26In Auger Gearcase ASM
5	3296-42	13	Nut-Lock, NI
6	106-4576-03	1	Impeller ASM
8	3230-23	8	Screw-CARR
12	107-1017-03	1	Seal-Flange, Cover
13	107-3003	1	Screw-Plastite
14	107-3006	1	Guide-Chute
15	107-1013	1	Nut-Speed, U-Type
16	107-1014-03	1	Bracket-Cover, Clip Nut
17	321-4	7	Screw-HH
18	108-0017	1	Cover
19	3256-22	1	Washer-Flat
20	3229-1	4	Screw-CARR
21	32144-112	4	Screw-HWH
22	107-1001	1	Cover-Belt
23	701493	1	Nut-Speed
24	107-1016	1	Cover-Extension, Belt
25	3242-4	2	Screw-Set, SQH
26	62-1300	1	Pulley-Impeller
27	252-80	1	Washer-Thrust
28	3257-23	1	Key-Woodruff

Ref	Part No.	Qty.	Description
29	26-6110	1	Flange-Cup, Bearing
30	63-3450	1	Bearing-Ball
31	26-6120	1	Flange-Cup, Bearing
32	107-3821	1	26 Inch Auger Housing ASM
32:2	53-7670	1	Decal-Warning, Auger
33	32144-70	4	Screw-HH
34	106-4588-01	2	Skid
35	52-2861	4	Washer
36	105-9976-01	1	Scraper-Fixed
37	3230-16	4	Screw-CARR
39	321-44	2	Screw-HHF
40	106-7299-03	1	LH Auger ASM
41	106-4570	2	Auger-Bearing
42	3-0750	2	Washer
43	323-4	2	Screw-HH
46	32144-14	6	Screw-HWH
47	108-0039-03	1	Seal
❶99	281-1	1	Plug-Pipe, SQH



Auger Gearcase Assembly No. 106-4580

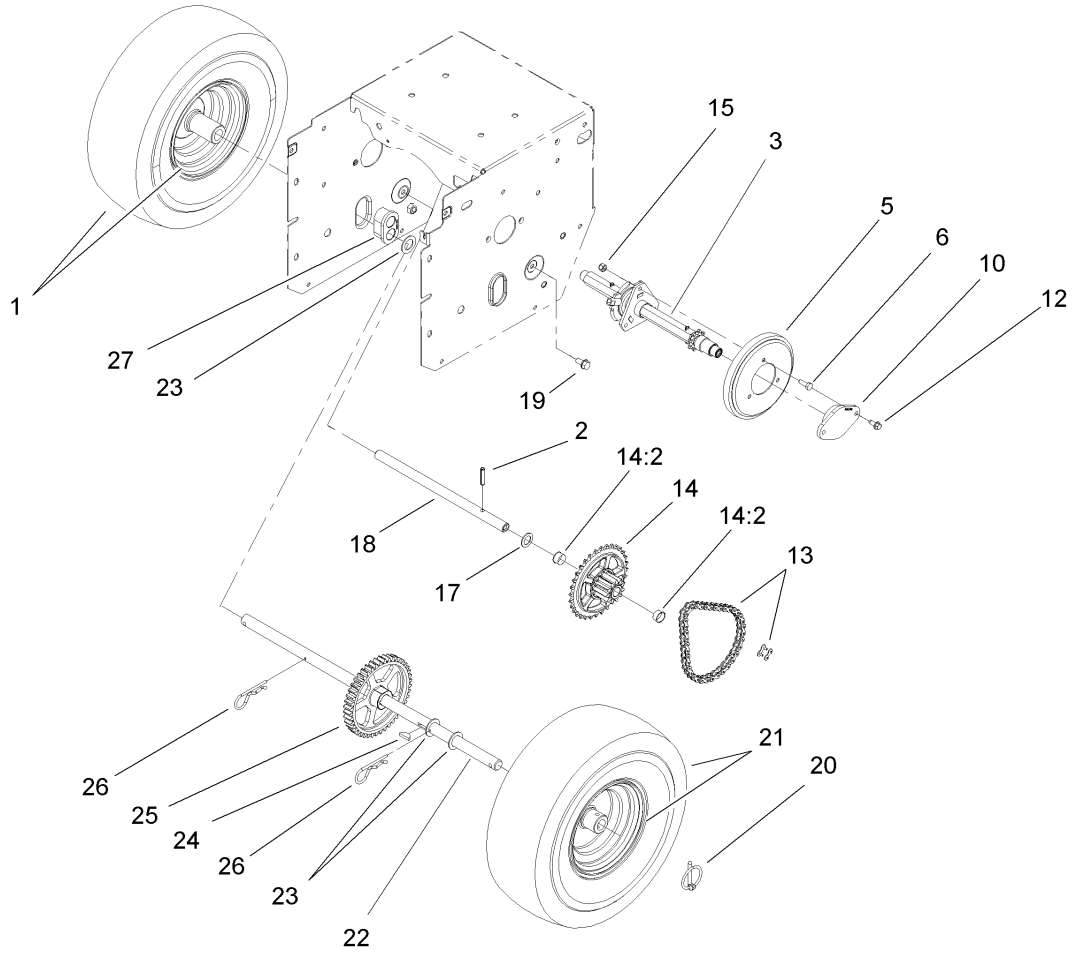
Ref	Part No.	Qty.	Description
1	74-1570	1	LH Auger Gearcase ASM
❷1:1		1	Gearcase-Auger, LH
1:1:1	256-237	1	Bushing
1:1:2	7-0045	1	Seal-Oil
2	252-71	2	Washer-Thrust
4	62-0120	1	Gear-Helical
5	74-1580	1	RH Auger Gearcase ASM
❷5:1		1	Gearcase-Auger, RH
5:1:2	7-0045	1	Seal-Oil
5:1:3	256-237	1	Bushing
6	106-4579	1	Shaft-Auger
9	3257-10	1	Key-Woodruff
10	66-7811	1	Shaft-Impeller
11	253-149	1	Seal-Oil
12	37-6560	1	Bushing-Input
13	62-1150	1	Bushing-Worm
14	252-78	2	Bearing-Thrust
15	252-76	1	Bearing-Thrust
16	32151-33	1	Ring-Retaining, EXT
17	32144-110	9	Screw-HWH
18	281-1	1	Plug-Pipe, SQH



Chute Assembly

Ref	Part No.	Qty.	Description
1	106-4587	1	Deflector-Chute
2	106-4594	1	Spring-Torsion
3	46-8092	5	Screw-Plastite
4	106-4472	1	Gear-Chute
5	46-6810	2	Screw And Washer ASM
6	100-9880	1	Bolt-Shoulder
7	106-4585	1	Cover-Gear, Chute
9	106-7296	1	Bracket-Cable, Clamp
10	106-7297	1	Clamp-Cable
11	106-4471	1	Gear-Face
12	107-1021	1	Rod-Deflector
14	98-1375	2	Screw-HWH
15	106-7266	1	Bracket-Deflector
16	106-4582-03	1	Bracket-Support, Chute
17	106-4422	1	Spacer-Chute
18	3256-2	3	Washer-Flat
19	3296-47	2	Nut-Lock, NI
20	106-7276	3	Screw-Shoulder
21	106-7257	1	Mount-Gear, Face
22	63-2650	1	Screw-Shoulder
23	106-4476	1	Latch-Chute
24	106-7253-03	1	Tube-Support
25	3256-22	3	Washer-Flat
26	3296-42	3	Nut-Lock, NI

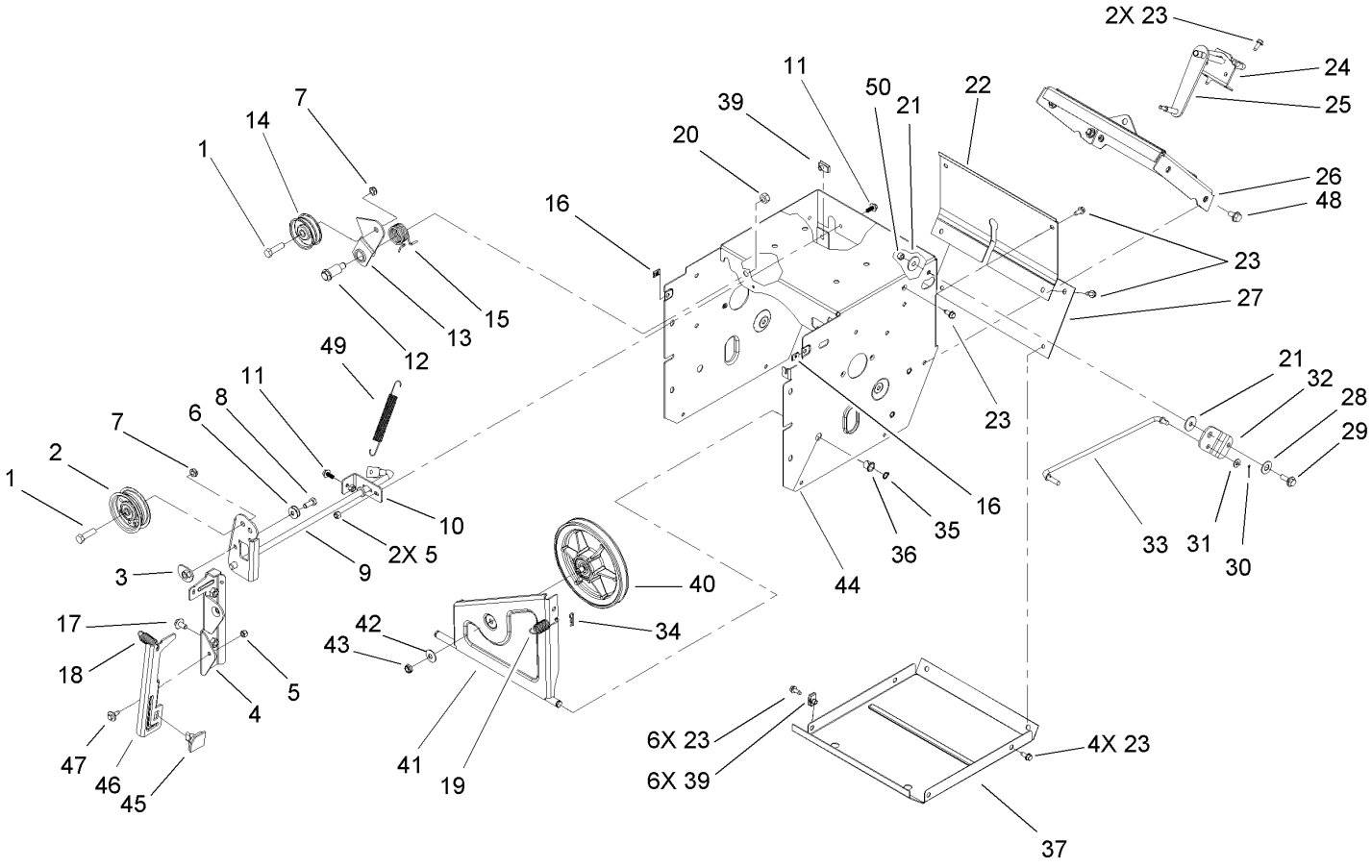
Ref	Part No.	Qty.	Description
27	3296-29	2	Nut-Lock, NI
28	106-7260	1	Washer-Curved
29	3230-5	1	Screw-CARR
30	3230-23	1	Screw-CARR
31	46-8091	3	Screw-HWH
32	105-9991	1	Ring-Chute
33	106-4440	1	Chute-Discharge
34	46-6811	1	Screw-HWH
35	106-4475	1	Spring-Torsion
36	107-1019	1	Seal-Chute
37	3290-456	1	Washer-Belleville
38	32144-10	1	Screw-HWH



Chain Drive Assembly

Ref	Part No.	Qty.	Description
1	107-3042	1	Tire
1	107-3043	1	Rim-Tire
2	32121-9	1	Pin-Roll, Slotted
3	108-2988	1	Hexshaft-ASM
5	106-4480	1	Wheel-Friction
6	321-4	3	Screw-HH
10	108-2981	2	Retainer-Bearing
12	32144-10	4	Screw-HWH
13	108-0016	1	Chain-Roller
13	2710-6	1	Link-Connecting
14	108-0013	1	Sprocket ASM
14:2	108-2974	2	Bushing-Flange
15	3296-42	3	Nut-Lock, NI
17	107-3041	1	Washer-Flat
18	106-4592	1	Shaft-Intermediate
19	32144-14	2	Screw-HWH
20	107-3039	2	Klik Pin ASM
21	107-3042	1	Tire
21	107-3043	1	Rim-Tire
22	106-4449	1	Shaft-Axle
23	3-8664	3	Washer-Thrust
24	3257-7	1	Key-Woodruff
25	106-4572	1	Gear-Axle, 44 Tooth
26	3290-343	2	Pin-Hair

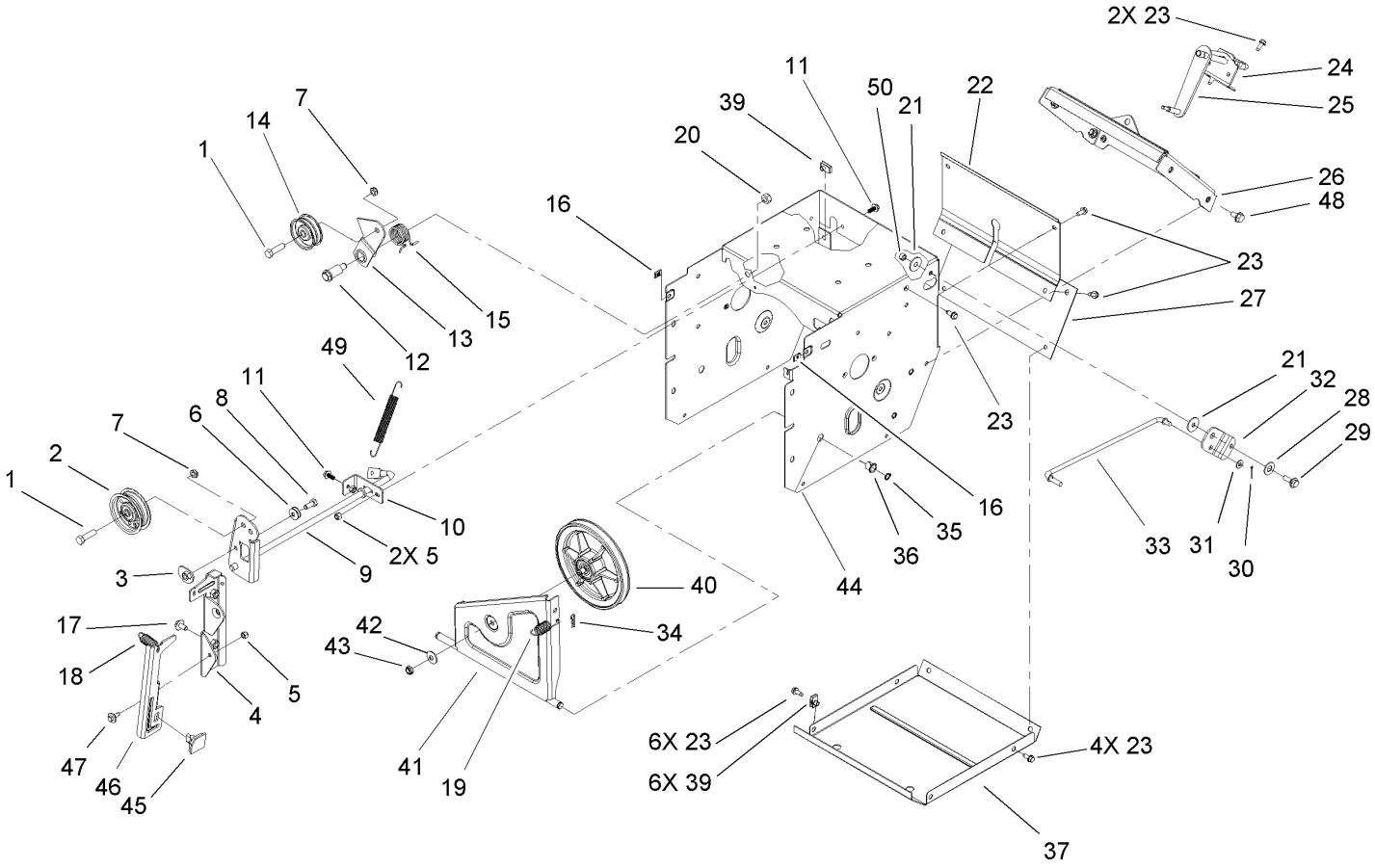
Ref	Part No.	Qty.	Description
27	106-4558	2	Bearing-Axle



Frame Assembly

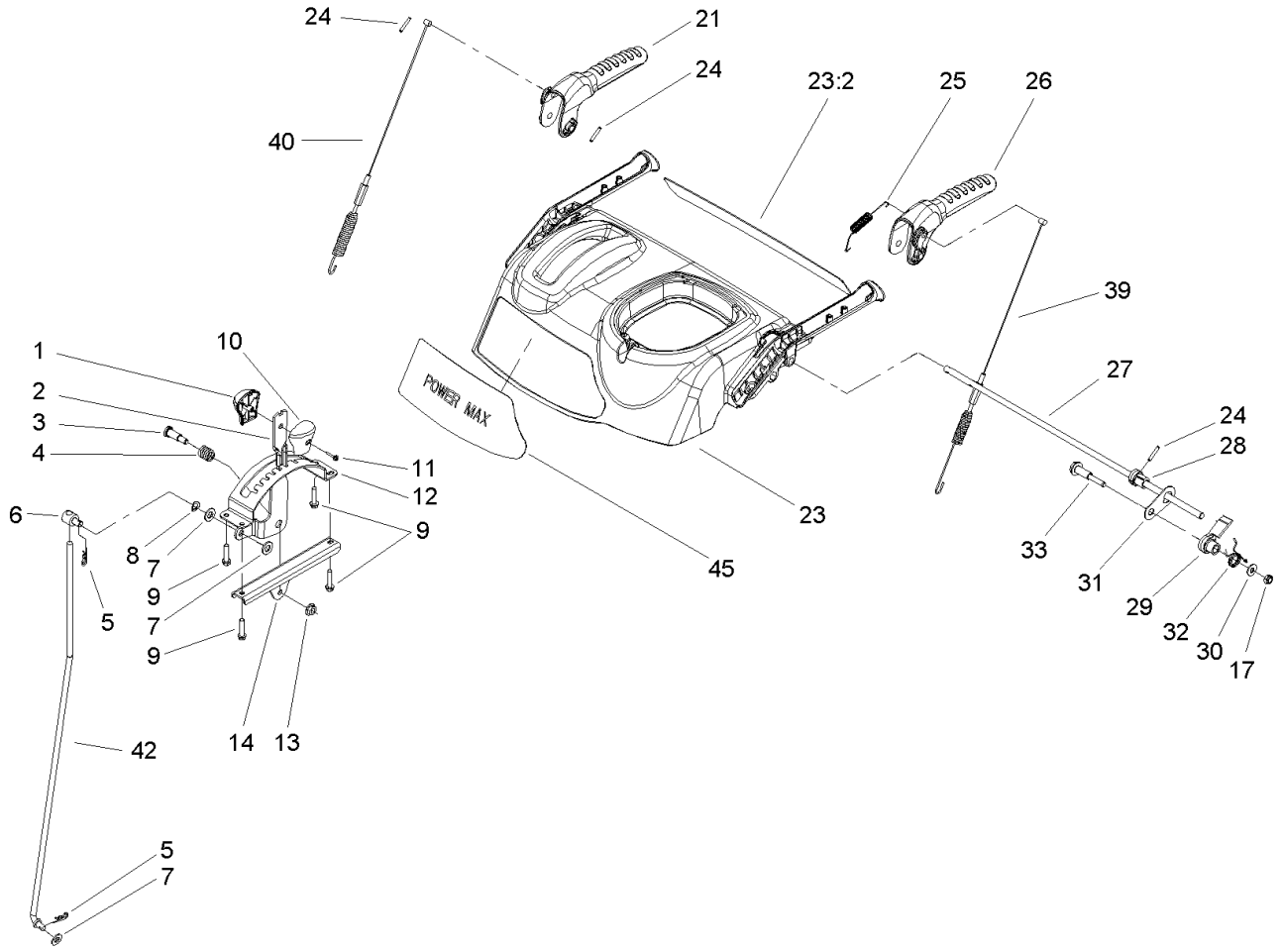
Ref	Part No.	Qty.	Description
1	323-8	2	Screw-HH
2	92-7104	1	Pulley-Idler
3	107-1047	1	Nut
4	107-1039	1	Bracket-Idler, Impeller
5	3296-42	3	Nut-Lock, NI
6	3290-456	1	Washer-Belleville
7	3296-59	2	Nut-Lock, NI
8	322-3	1	Screw-HH
9	107-3838-03	1	Impeller Clutch ASM
10	106-7341	1	Bracket-Rear, Clutch
11	99-6810	2	Screw-HH
12	107-1022	1	Bolt-Shoulder
13	108-0011	1	Arm-Idler, Traction
14	3-4244	1	Pulley-Idler
15	108-0010	1	Spring-Torsion
16	107-1013	2	Nut-Speed, U-Type
17	3234-7	2	Screw-HHF
18	107-1045	1	Spring-Extension
19	107-1003	1	Spring-Extension
20	3296-76	1	Nut-Lock, NI
21	5-4460	2	Washer-Pivot
22	106-4556-01	1	Cover-Upper
23	32144-10	17	Screw-HWH
24	108-0036	1	Bracket-Rod, Shift

Ref	Part No.	Qty.	Description
25	106-7268	1	Lever-Control, Traction
26	108-0026-01	1	Shift Plate ASM
27	106-7345-01	1	Cover-Lower
28	25-5640	1	Washer
29	27-0410	1	Screw-Shoulder
30	3272-4	1	Pin-Cotter
31	3256-23	1	Washer-Flat
32	107-1011	1	Bellcrank-Drive
33	106-4467	1	Link-Control, Speed
34	3290-307	1	Pin-Hair
35	32151-61	2	Ring-Retaining
36	256-257	2	Bushing-Nyliner
37	106-7330-01	1	Pan-Bottom
39	107069	8	Clip
40	108-0031	1	Traction Pulley ASM
41	108-0032	1	Pulley Pivot ASM
42	3290-340	1	Washer-Belleville
43	3296-5	1	Nut-Lock
44	108-0019-01	1	Traction Frame ASM
45	66-8060	1	Pad-Brake
46	107-1000	1	Arm-Brake
47	92-9698	1	Screw-Shoulder
48	32144-14	4	Screw-HWH
49	108-2976	1	Spring-Extension



Frame Assembly (continued)

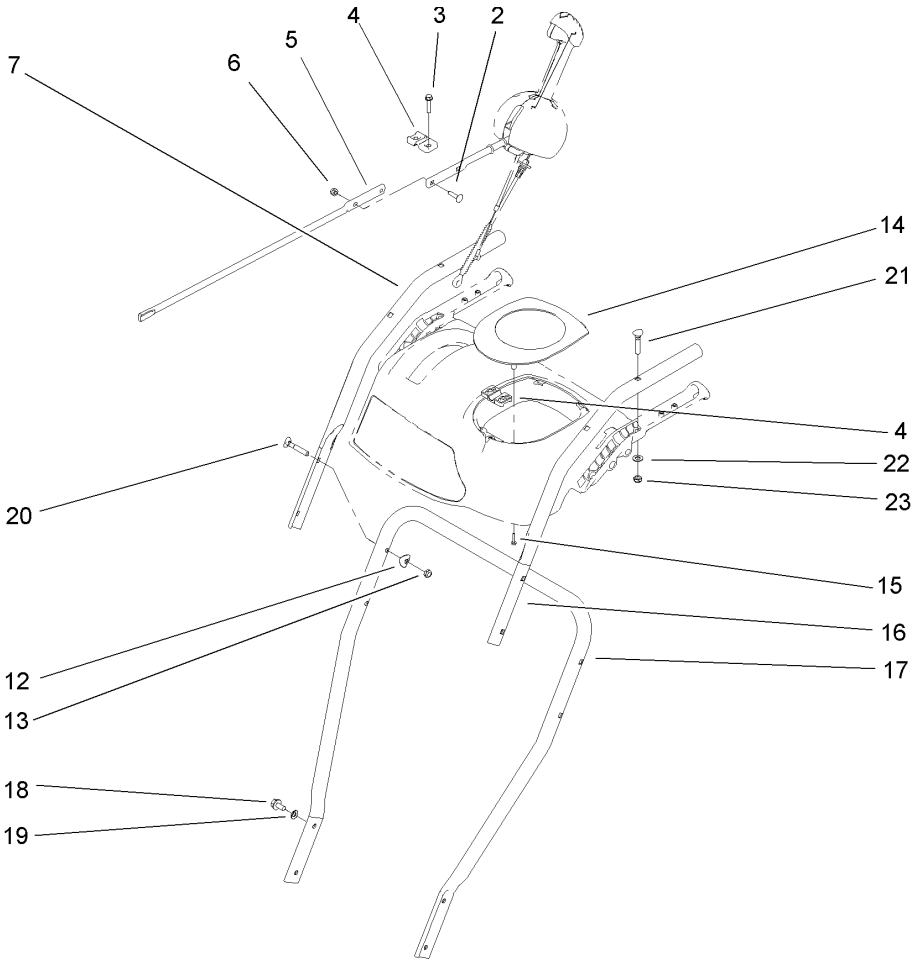
Ref	Part No.	Qty.	Description
50	3296-29	1	Nut-Lock, NI



Control Handle Assembly

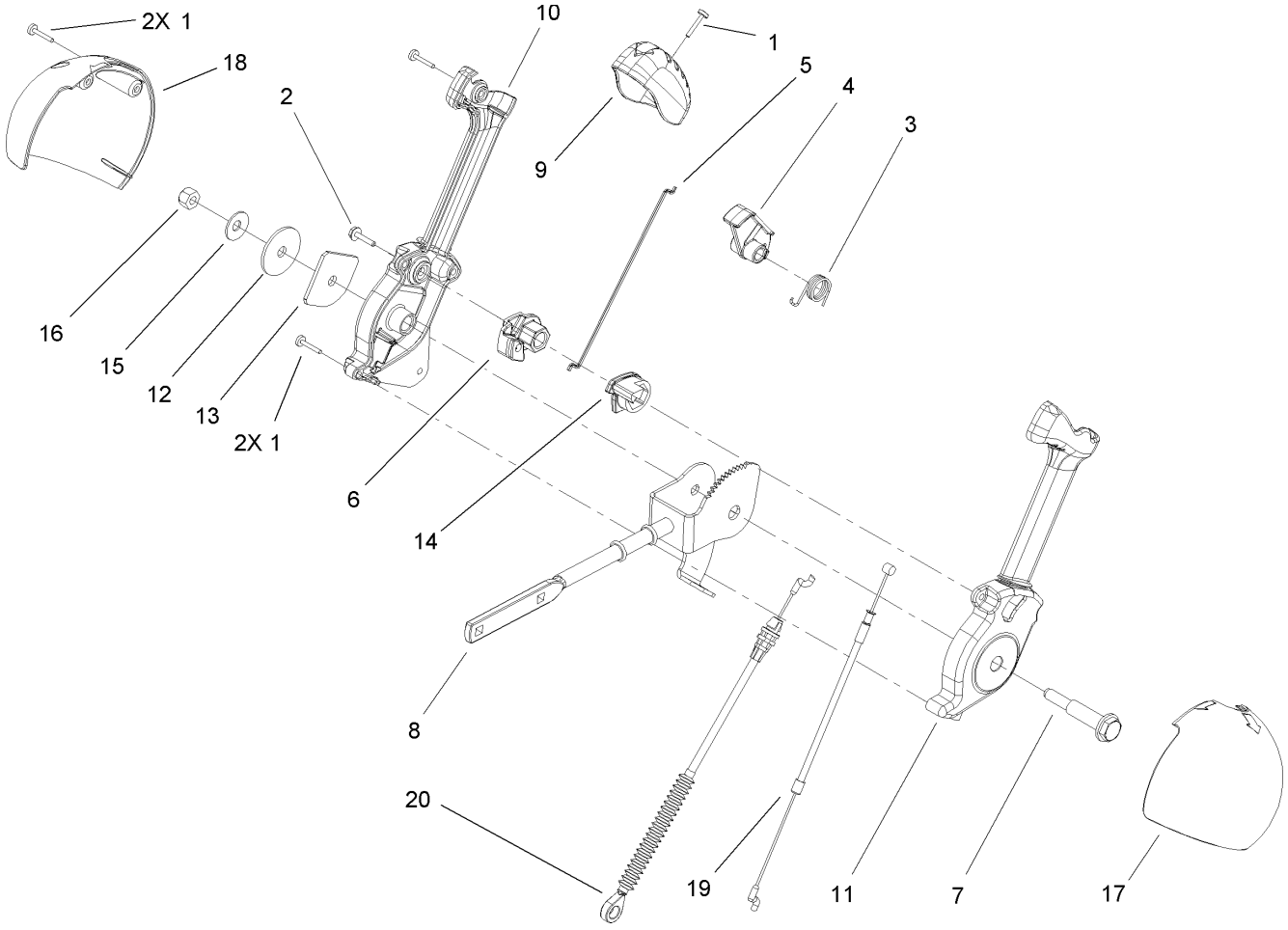
Ref	Part No.	Qty.	Description
1	106-4423	1	Knob-Shift, RH
2	106-7278-03	1	Selector-Speed
3	63-2650	1	Screw-Shoulder
4	107-3017	1	Spring-Compression
5	3290-307	2	Pin-Hair
6	101161	1	Trunnion
7	3256-24	3	Washer-Flat
8	612586	1	Washer-Spring
9	46-8092	4	Screw-Plastite
10	105-9999	1	Knob-Shift, LH
11	94-4496	1	Screw-PPH
12	106-7277-03	1	Guide-Selector, Speed
13	32128-13	1	Nut-HF
14	106-7279-03	1	Mount-Selector, Speed
17	3296-72	1	Nut-Lock, NI
21	106-4413	1	Lever-Auger
23	107-3825	1	Control Panel ASM
23:2	106-4521	1	Decal-Control Panel
24	32121-125	3	Pin-Spring
25	107-3001	1	Spring-Tension
26	106-4410	1	Lever-Traction
27	105-9996	1	Rod-Lockout
28	107-1043	1	Cam-Lockout
29	108-0023	1	Latch-Lockout

Ref	Part No.	Qty.	Description
30	98-3499	1	Washer-Flat
31	107-3000	1	Link-Lockout
32	108-0024	1	Spring-Torsion
33	106-4412	1	Screw-Shoulder
39	106-4563	1	Cable-Traction
40	106-4599	1	Cable-Auger
42	107-1005	1	Rod-Shift
45	108-5062	1	Decal



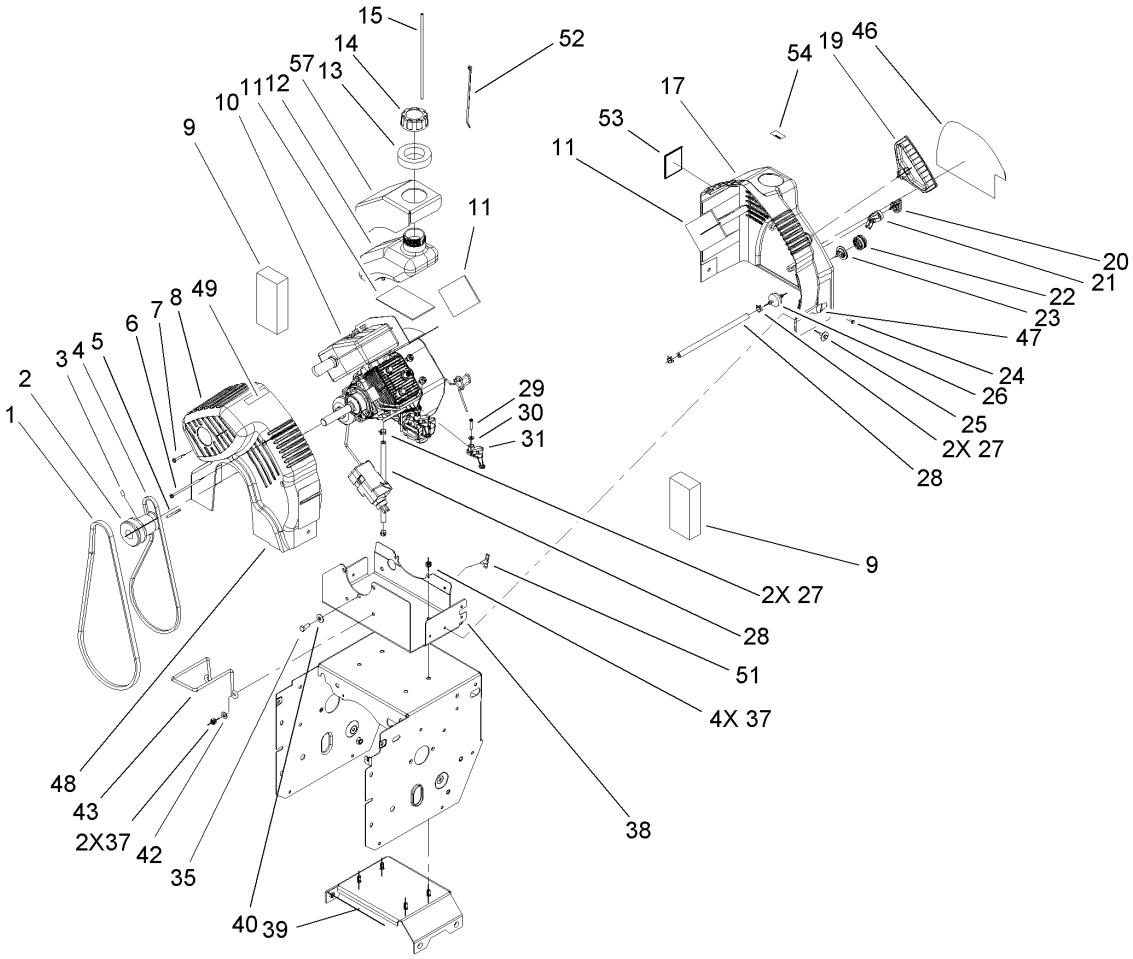
Handle and Control Assembly

Ref	Part No.	Qty.	Description
2	3229-30	2	Screw-CARR
3	46-8092	2	Screw-Plastite
4	105-9987	2	Support-Rod
5	106-7283	1	Rod-Chute, Front
6	3296-73	2	Nut-Lock, NI
7	108-0038-03	1	Handle-Upper, RH
12	107-3844	4	Washer
13	3296-72	4	Nut-Lock, NI
14	106-4586	1	Cover-Panel, Control
15	94-4496	2	Screw-PPH
16	108-0037-03	1	Handle-Upper, LH
17	105-9981-03	1	Handle-Lower
18	32144-14	4	Screw-HWH
19	3290-475	4	Washer-Belleville
20	92-2260	4	Screw-Handle
21	107-3018	4	Screw-Handle
22	3256-70	4	Washer-Flat
23	3296-72	4	Nut-Lock, NI



Chute Control Assembly

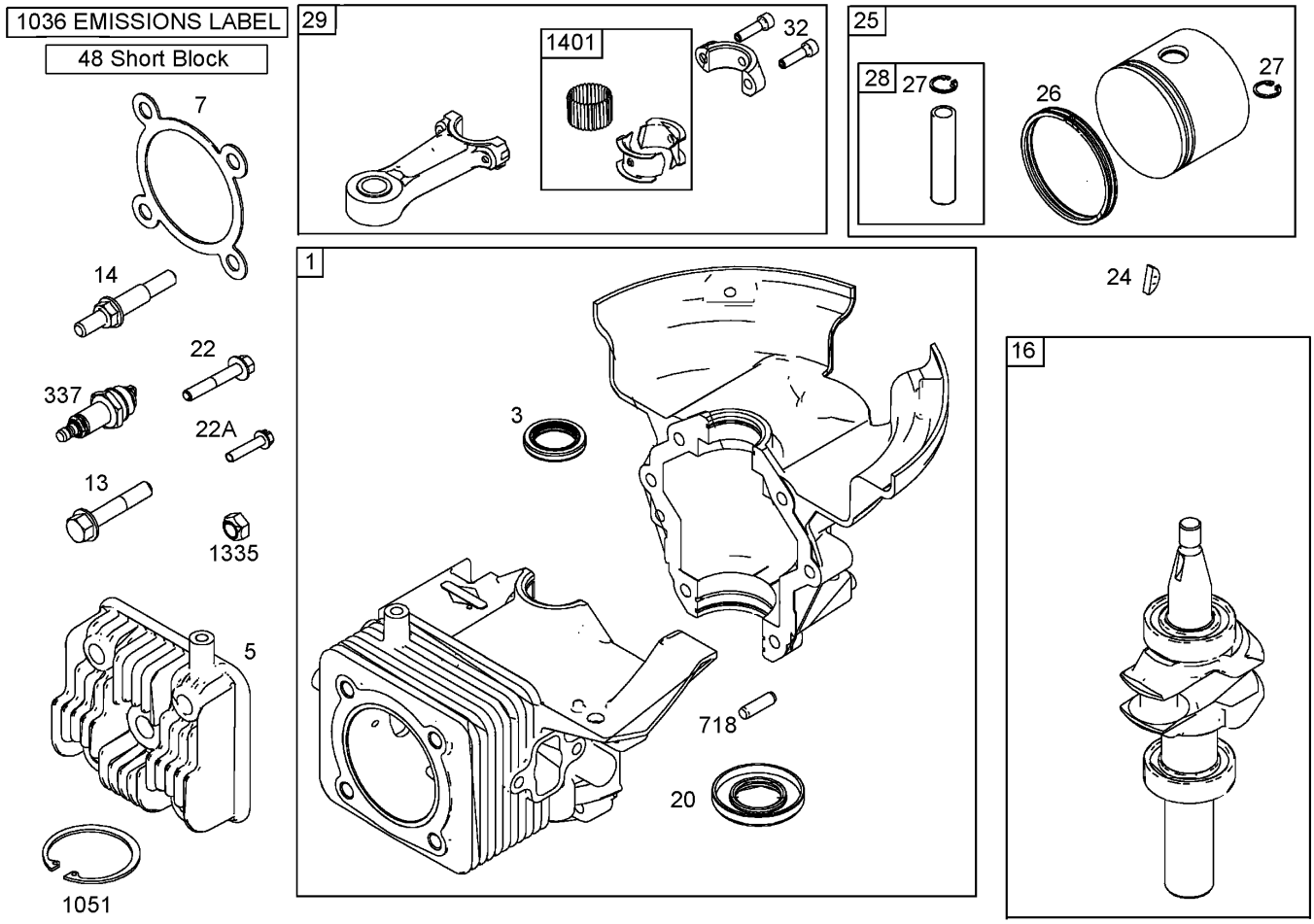
Ref	Part No.	Qty.	Description
1	94-4496	5	Screw-PPH
2	98-1375	1	Screw-HWH
3	105-9982	1	Spring-Torsion
4	105-9984	1	Trigger-Latch
5	105-9985	1	Link-Latch
6	105-9988	1	Lever-Cable, Deflector
7	105-9995	1	Screw-Shoulder
8	106-4479	1	Rod-Control, Chute
9	106-7280	1	Cap-Lever
10	106-7281	1	Lever-Chute Control, RH
11	106-7282	1	Lever-Chute Control, LH
12	107-3002	1	Washer-Nylon
13	106-7295	1	Plate-Friction
14	106-7310	1	Pawl-Latch
15	3290-456	1	Washer-Belleville
16	3296-29	1	Nut-Lock, NI
17	105-9986	1	Cover-Chute Lever, LH
18	106-7292	1	Cover-Chute Lever, RH
19	105-9989	1	Cable-Chute Release
20	105-9990	1	Cable-Control, Deflector



2 Cycle Engine and Frame Assembly

Ref	Part No.	Qty.	Description
1	106-9193	1	V Belt-Auger
2	105-8883	1	Pulley-Engine
3	3245-9	2	Screw-Set
4	106-9192	1	V Belt-Traction
5	7-0036	1	Key-Square
6	106-9174	2	Screw
7	106-9169	1	Screw
8	106-9194	1	Cover-Front, Styling
9	106-9178	2	Foam
❷❸10		1	Engine-Briggs And Stratton, 084333-0197-E1
11	98-1386	3	Pad-Foam
12	106-9199	1	Tank-Fuel
13	55-9310	1	Seal-Foam
14	104-4133	1	Gas Cap ASM
15	44-3170	1	Hose-Primer
17	106-9152	1	Cover ASM
19	106-9175	1	Handle-Rope Start
20	63-8360	1	Key-Ignition
21	40-5940	1	Switch
22	66-7460	1	Bulb-Primer
23	44-2750	1	Body-Primer
24	32144-27	2	Screw
25	106-9173	4	Screw

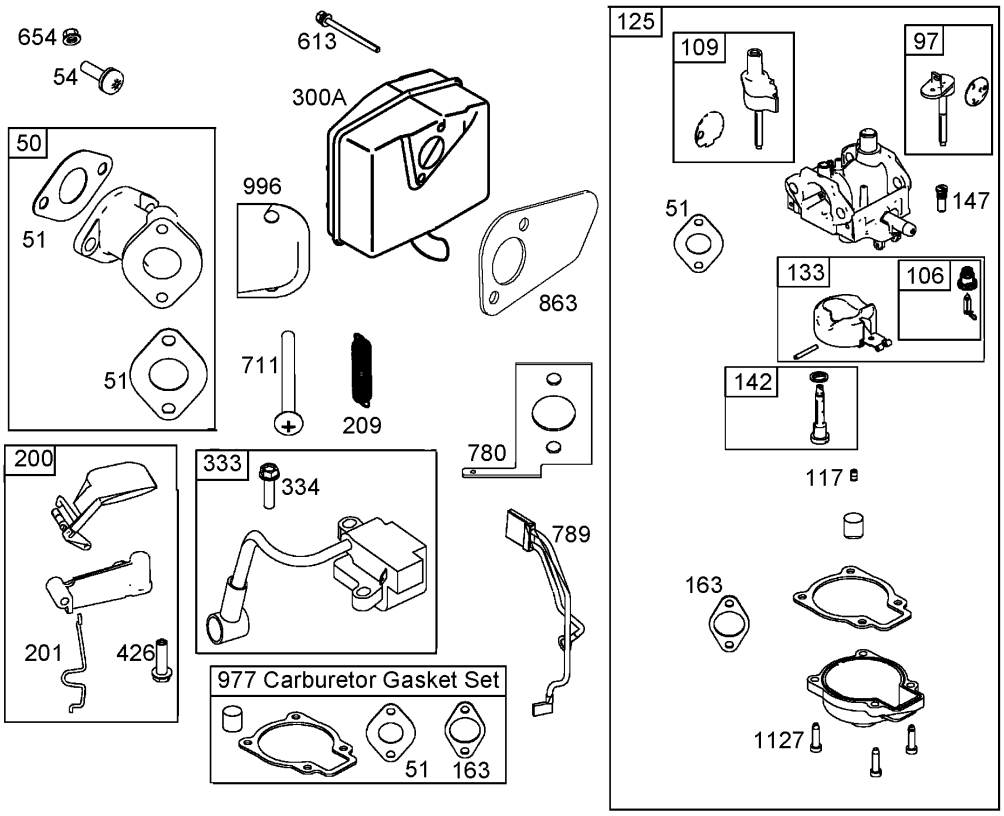
Ref	Part No.	Qty.	Description
26	56-6360	1	Filter-Fuel
27	2412-98	4	Clamp
28	49-2482	2	Line-Fuel
29	32144-97	1	Screw-PPH, Plastite
30	3256-14	1	Washer-Flat
31	104-0878	1	Lever-Choke
35	322-3	3	Screw-HH
37	3296-29	6	Nut-Lock, NI
38	105-8897-03	1	Plate-Mounting, Engine
39	106-9189	1	Frame Brace ASM
40	3290-456	3	Washer-Belleville
42	3256-23	2	Washer-Flat
43	106-9184	1	Guide-Belt
46	106-9158	1	Decal-Panel
47	106-9160	1	Decal-Starter, Electric
48	106-9159	1	Decal-Choke
49	104-2767	1	Decal-Warning
51	32180-012	1	Clip-Harness
52	614249	3	Strap-Tie
53	108-5072	1	Decal
54	93-6659	1	Decal-Fuel, 2 Cycle
57	107-4579	1	Foam-Tank, Fuel
99	106-4741	1	Cord-Electric



Crankcase, Crankshaft, Cylinder Head, and Connecting Rod Assemblies Briggs and Stratton 084333-0197-E1

Ref	Part No.	Qty.	Description
❸1	801321	1	Cylinder ASM
❸3	801262	1	Seal-Oil
❸5	801283	1	Head-Cylinder
❸7	801263	1	Gasket-Head, Cylinder
❸13	801264	1	Screw (Cylinder Head)
❸14	801265	1	Stud (Cylinder Head)
❸16	801222	1	Crankshaft
❸20	801261	1	Seal-Oil
❸22	801266	1	Screw (Crankcase Cover And Sump)
❸22A	801271	1	Screw (Crankcase Cover And Sump)
❸24	801234	1	Key-Flywheel
❸25	801281	1	Piston ASM
❸26	801282	1	Ring Set
❸27	801275	1	Lock-Pin, Piston
❸28	801276	1	Pin-Piston
❸29	801277	1	Rod-Connecting
❸32	801278	1	Screw
❸48	801288	1	Short Block
❸337	801254	1	Plug-Spark
❸718	690959	1	Pin-Locating
❸1036	801295	1	Label-Emissions
❸1051	801274	1	Ring-Retaining

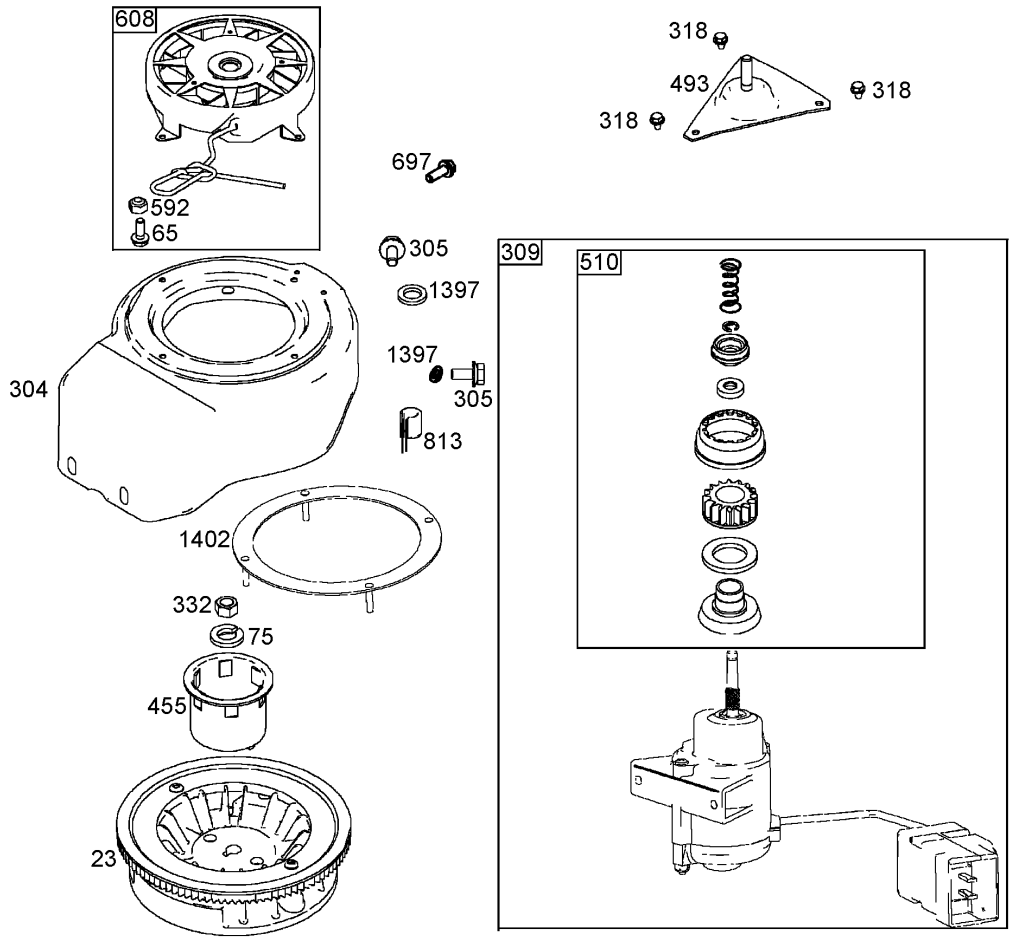
Ref	Part No.	Qty.	Description
❸1335	801269	1	Nut (Blower Housing)
❸1401	801290	1	Roller-Strip



Intake Manifold, Carburetor, and Muffler Assemblies
Briggs and Stratton 084333-0197-E1

Ref	Part No.	Qty.	Description
❸50	801232	1	Manifold-Intake
❸51	801224	1	Gasket-Intake
❸54	801230	1	Screw (Intake Manifold)
❸97	801306	1	Shaft-Throttle
❸106	801317	1	Seat-Inlet
❸109	801307	1	Shaft-Choke
❸117	801311	1	Jet-Main
❸125	801255	1	Carburetor
❸133	801316	1	Float-Carburetor
❸142	801313	1	Nozzle-Carburetor
❸147	801309	1	Jet-Pilot
❸163	801227	1	Gasket-Cleaner, Air
❸200	801289	1	Blade-Governor
❸201	801225	1	Link-Vane, Air
❸209	801223	1	Spring-Governor
❸300A	801258	1	Muffler
❸333	801268	1	Armature-Magneto
❸334	801267	1	Screw
❸426	801231	1	Screw
❸613	801251	1	Screw
❸654	801324	1	Nut (Intake Manifold) (Used Before Engine Code Date 05042600)
❸711	801229	1	Screw

Ref	Part No.	Qty.	Description
❸780	801228	1	Anchor-Spring
❸789	801253	1	Wire ASM
❸863	801259	1	Bracket-Muffler
❸977	801312	1	Gasket Set-Carburetor
❸996	801226	1	Shield-Carburetor
❸1127	801318	1	Screw



Flywheel, Blower Housing, and Starter Assemblies
Briggs and Stratton 084333-0197-E1

Ref	Part No.	Qty.	Description
❸23	801246	1	Flywheel
❸65	801243	1	Screw
❸75	801237	1	Washer
❸304	801315	1	Housing-Blower
❸305	801239	1	Screw (Blower Housing)
❸309	801247	1	Motor-Starter
❸318	801241	1	Screw
❸332	801238	1	Nut
❸455	801235	1	Cup-Flywheel
❸493	801240	1	Bracket-Mounting
❸510	801293	1	Drive-Starter
❸592	801244	1	Nut
❸608	801242	1	Starter-Rewind
❸697	801248	1	Screw (Starter Motor)
❸813	801249	1	Clamp
❸1397	801270	1	Washer (Blower Housing)
❸1402	801272	1	Ring-Support

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