Form No. 3481-508 Rev B

TORO®

Count on it.

Parts Catalog

Power Max® Heavy Duty 1232 Snowthrower

Model No. 39963—Serial No. 400000000 and Up

Register at www.Toro.com.
Original Instructions (EN)

3481-508 B

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 illustration and in parts 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.

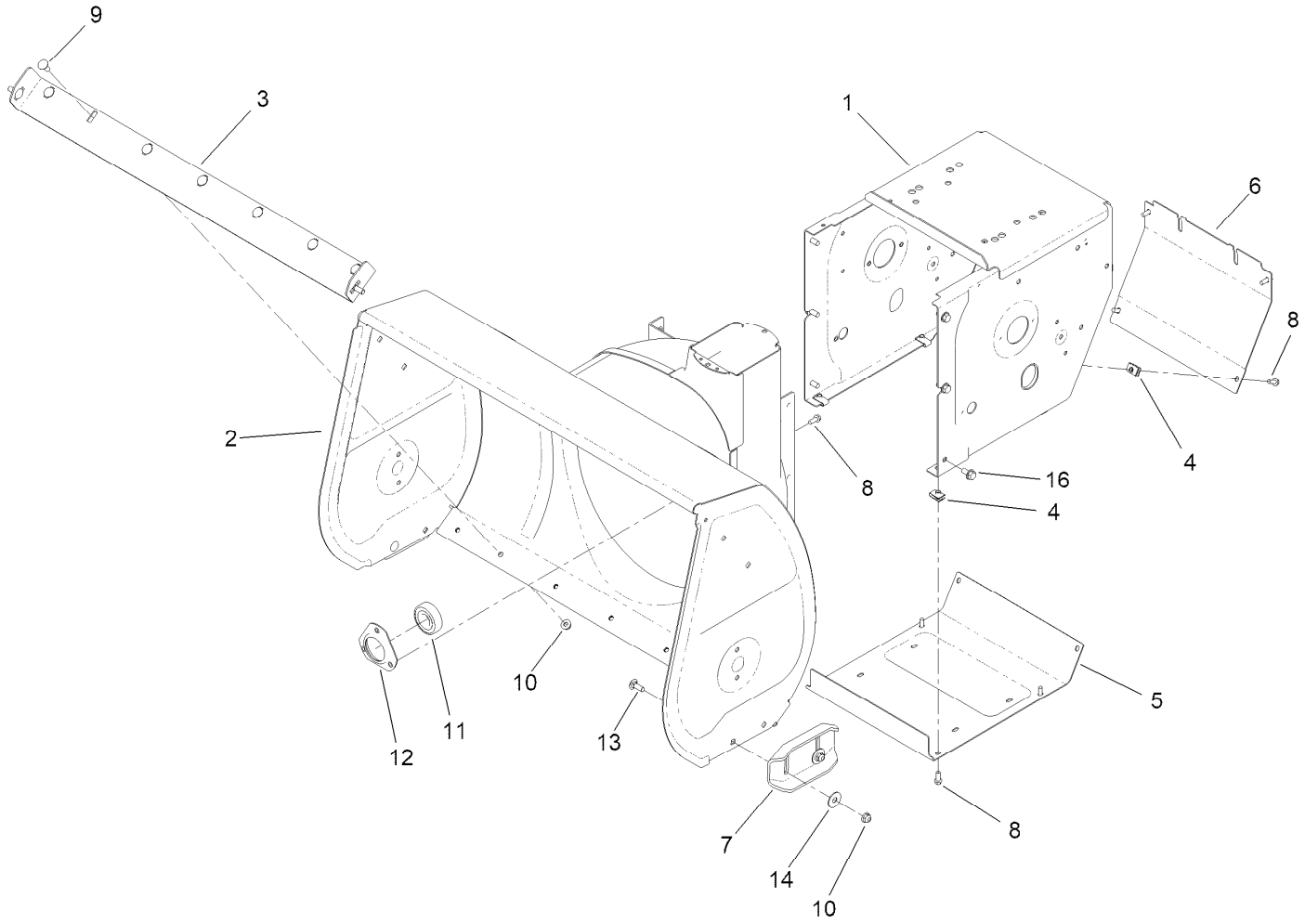
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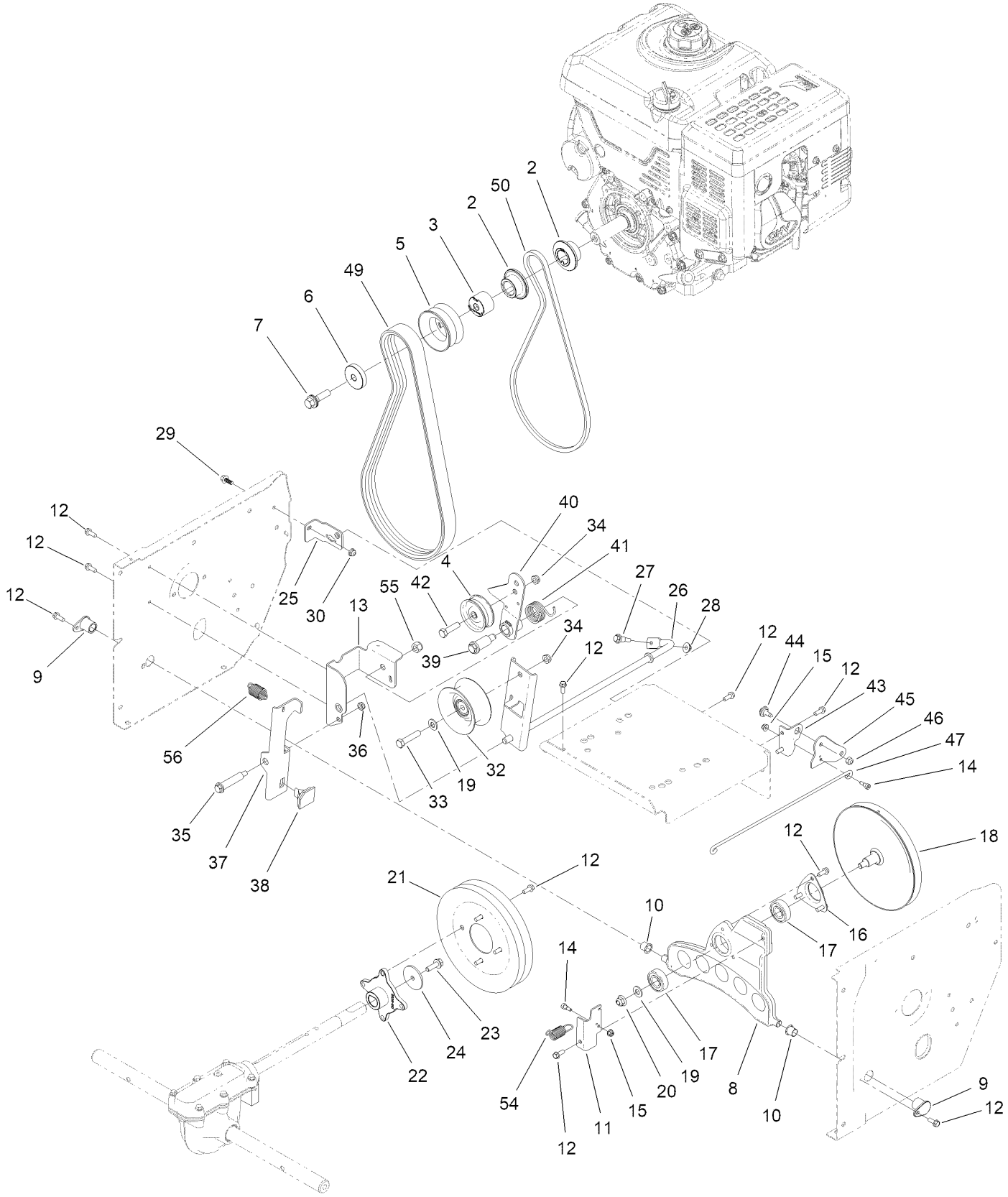
Frame Assembly



Frame Assembly (continued)

Ref.	Part Number	Qty.	Description
1	136-6639-01	1	Frame-Traction
2	164-5446	1	Auger Housing ASM (W/Decal 32")
3	136-6602-01	1	Blade-Scraper
4	107069	8	Clip
5	163-6262-01	1	Cover-Bottom
6	136-6651-01	1	Cover-Rear
7	106-4588-01	2	Skid
8	32144-85	11	Screw-HWH Thd Form
9	137-3061	7	Bolt-CARR
10	119-4041	11	Nut-HF
11	136-6571	1	Bearing-Ball
12	136-6573	1	Retainer-Bearing
13	137-3059	4	Bolt-CARR
14	119-4150	4	Washer-Flat
16	32144-14	6	Screw-HWHTF

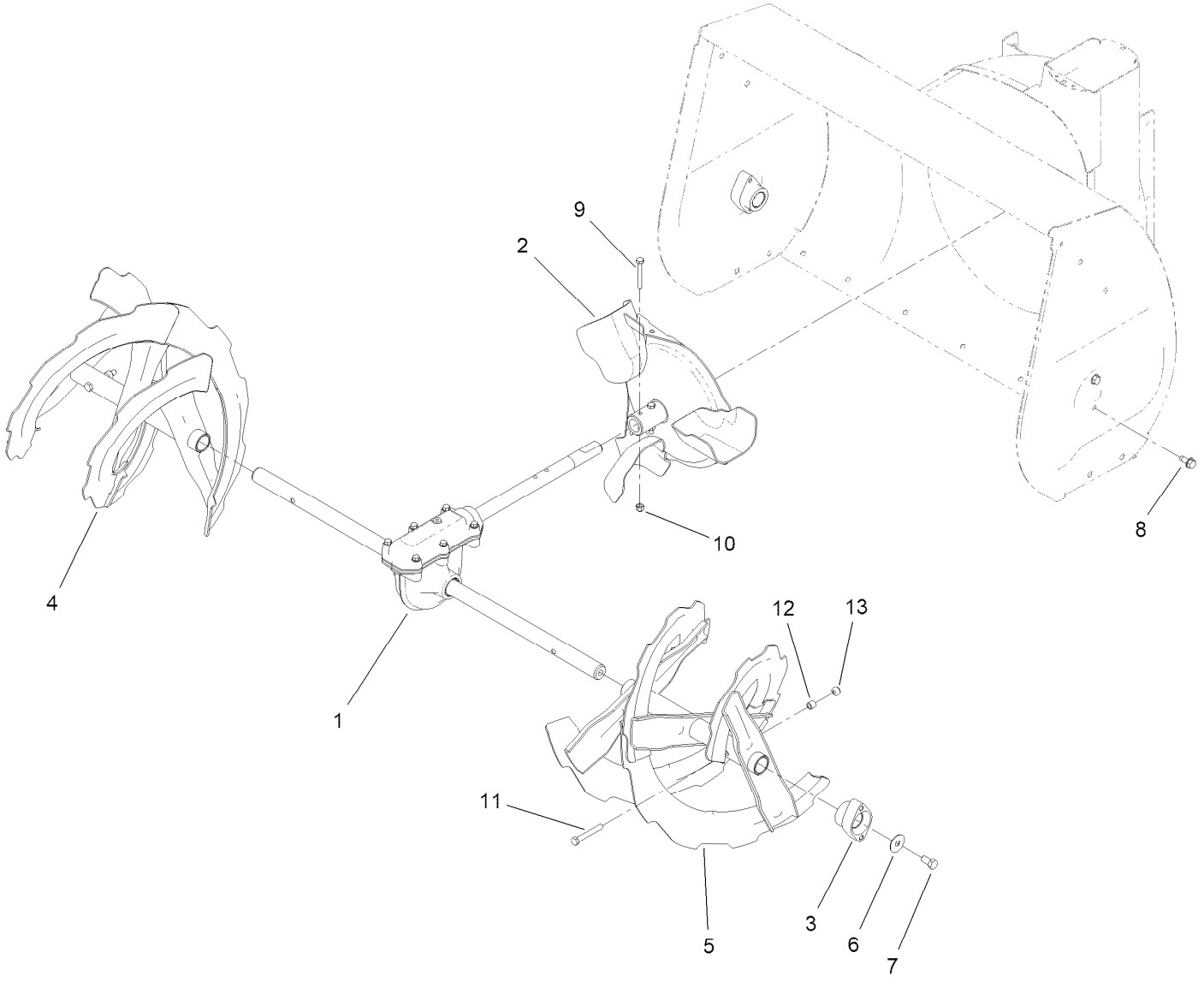
Auger Drive Assembly



Auger Drive Assembly (continued)

Ref.	Part Number	Qty.	Description
2	136-6564	2	Pulley-Traction, Engine
3	136-6691	1	Pulley-Spacer
4	3-4244	1	Pulley-Idler
5	136-6690	1	Pulley-Impeller, Double Sheave
6	138-3662	1	Support-Pulley
7	125-2466	1	Bolt-Blade
8	136-6689	1	Plate-Friction, Wheel
9	120-7156	2	Bushing-Plate, Traction
10	256-257	2	Bushing-Nyliner
11	145-4141	1	Bkt-Traction Plate
12	32144-85	16	Screw-HWH Thd Form
13	136-8671-03	1	Bracket-Brake, Clutch
14	94-9422	2	Screw-Shoulder
15	138-0719	2	Nut-HF
16	136-7124	1	Retainer-Bearing
17	38-7820	2	Bearing-Ball
18	137-6154	1	Pulley-Traction
19	115-1166	2	Washer-Plain
20	119-4042	1	Nut-HF, NI
21	136-6557	1	Pulley-Impeller, Double Sheave
22	136-6558	1	Hub-Pulley
23	115-5142	1	Screw-HHF, Patch
24	137-3121	1	Washer-Plain
25	136-8654-03	1	Bracket-Clutch, Impeller
26	145-0728	1	Impeller Clutch Arm Assembly
27	104-0858	1	Bolt-Shoulder
28	137-3016	1	Nut-HF
29	137-3111	1	Screw-HHF
30	137-3005	1	Nut-HF
32	136-6531	1	Pulley, Idler
33	138-0722	1	Screw-HH
34	121-4600	2	Nut-Hex
35	136-7199	1	Bolt-Shoulder
36	137-3089	1	Nut-Hex
37	136-6527	1	Brake Arm
38	66-8060	1	Pad-Brake
39	136-7116	1	Bolt-Shoulder
40	136-7186	1	Arm-Idler, Traction
41	120-3060	1	Spring-Torsion
42	137-3065	1	Screw-HH
43	136-6654	1	Bracket-Bellcrank
44	92-9698	1	Screw-Shoulder
45	144-1622	1	Bellcrank-Drive
46	137-3094	1	Nut-Hex
47	144-1613	1	Link-Traction, HD
49	136-6504	1	Belt-V
50	137-6151	1	V-Belt
54	137-6189	1	Spring-Extension
55	137-3095	1	Nut-Hex
56	147-9465	1	Spring-Extension

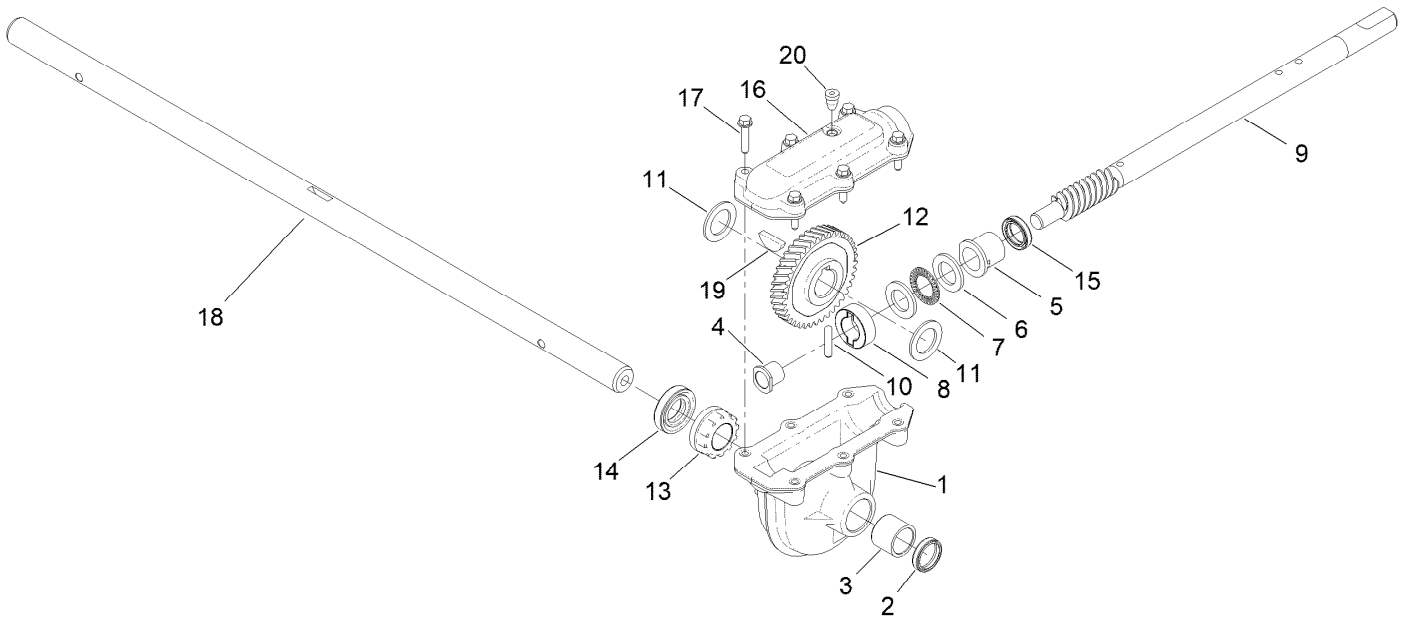
Gearbox Assembly



Gearbox Assembly (continued)

Ref.	Part Number	Qty.	Description
1	136-6620	1	Auger Gearcase ASM
2	136-6570-03	1	Impeller
3	106-4570	2	Bearing-Auger
4	136-6598-03	1	Auger-RH, 32 Inch
5	136-6597-03	1	Auger-LH, 32 Inch
6	3-0750	2	Washer
7	137-3066	2	Screw-HH
8	32144-70	4	Screw-HWHTF
9	137-3032	2	Screw-HH
10	137-3088	2	Nut-Hex
11	120-9738	2	Screw-HH
12	136-7148	2	Spacer-Grommet
13	119-4038	2	Nut-Hex

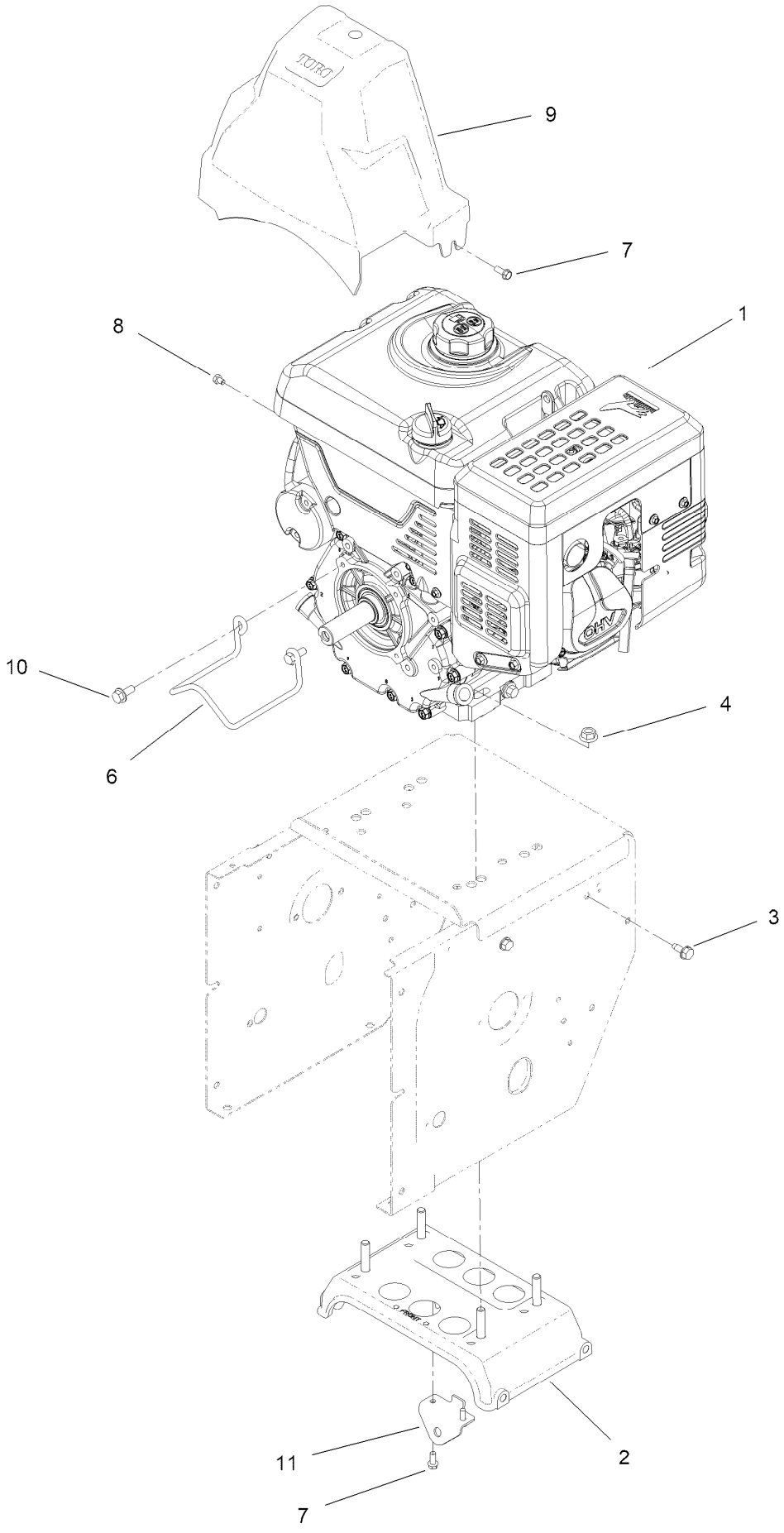
Auger Gear Case Assembly No. 136-6620



Auger Gear Case Assembly No. 136-6620 (continued)

Ref.	Part Number	Qty.	Description
1	136-6547	1	Gearbox-Lower (Mach)
2	137-6173	1	Seal-Oil
3	112-6635	1	Bushing-Sleeve
4	136-6556	1	Bushing-Impeller Shaft, Front
5	37-6560	1	Bushing-Input
6	252-78	2	Washer-Thrust
7	252-76	1	Bearing-Thrust
8	136-6555	1	Collar-Thrust
9	137-6175	1	Shaft-Impeller
10	107-8899	1	Pin-Dowel
11	252-71	2	Washer-Thrust
12	138-0696	1	Gear-Helical
13	136-6553	1	Bushing-Auger Output
14	136-6554	1	Seal-Oil
15	137-6174	1	Seal-Oil
16	136-6546	1	Cover-Gearcase
17	108-4862	6	Screw-HWH Thd Roll
18	136-6617	1	Shaft-Auger, 32"
19	3257-10	1	Key-Woodruff
20	138-3629	1	Plug-Oil

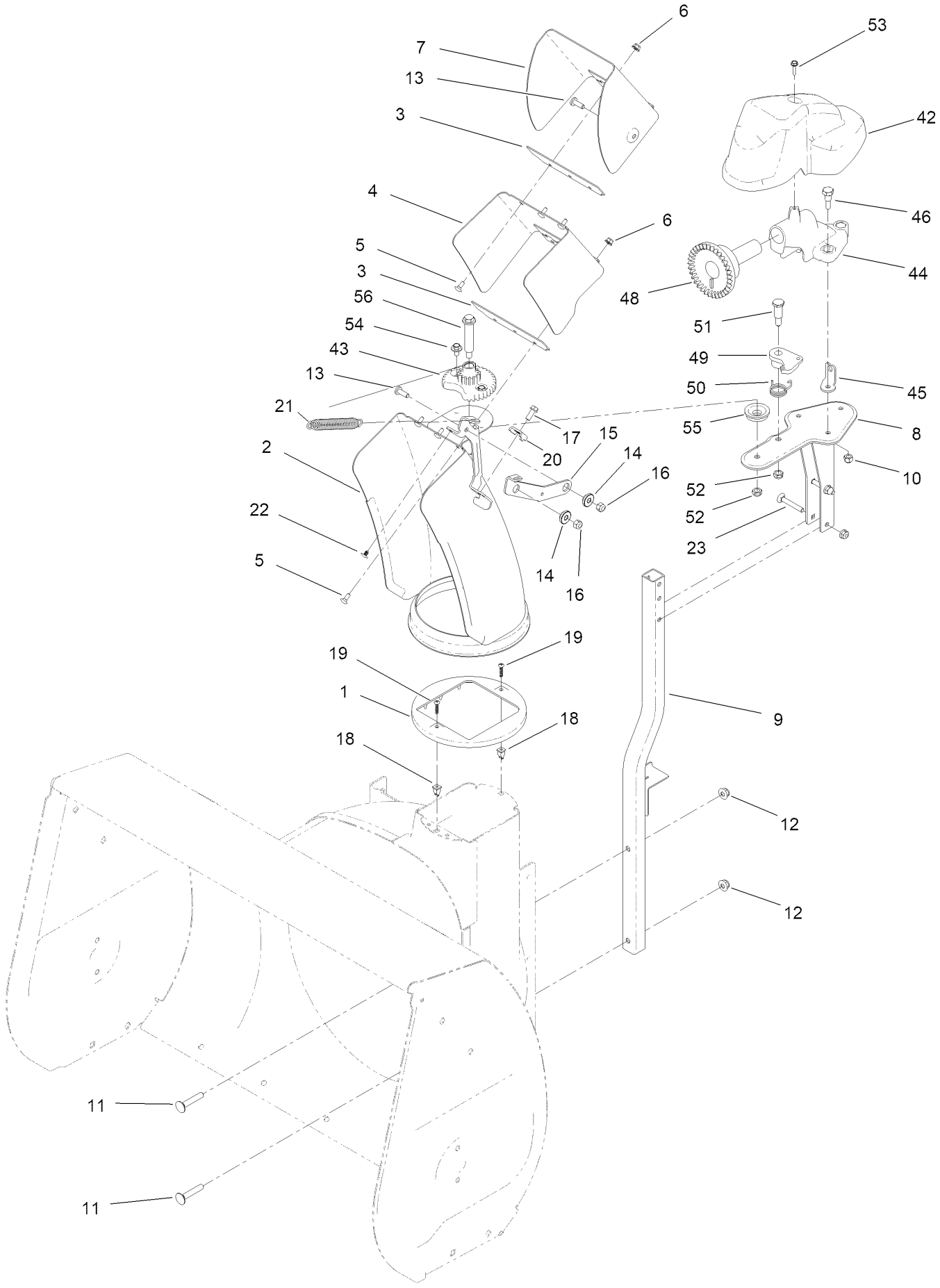
Engine Assembly



Engine Assembly (continued)

Ref.	Part Number	Qty.	Description
1	147-7069	1	Engine-Lc185Fds
2	137-6165	1	Engine Plate ASM
3	32144-70	4	Screw-HWHTF
4	136-8683	4	Nut-Lock
6	136-6607	1	Belt Guide
7	32144-85	4	Screw-HWH Thd Form
8	121-4615	1	Screw-HH
9	138-0731	1	Belt Cover, No Light
10	138-0690	2	Screw-HHF,Patch
11	136-6644-03	1	Bracket-Control, Traction

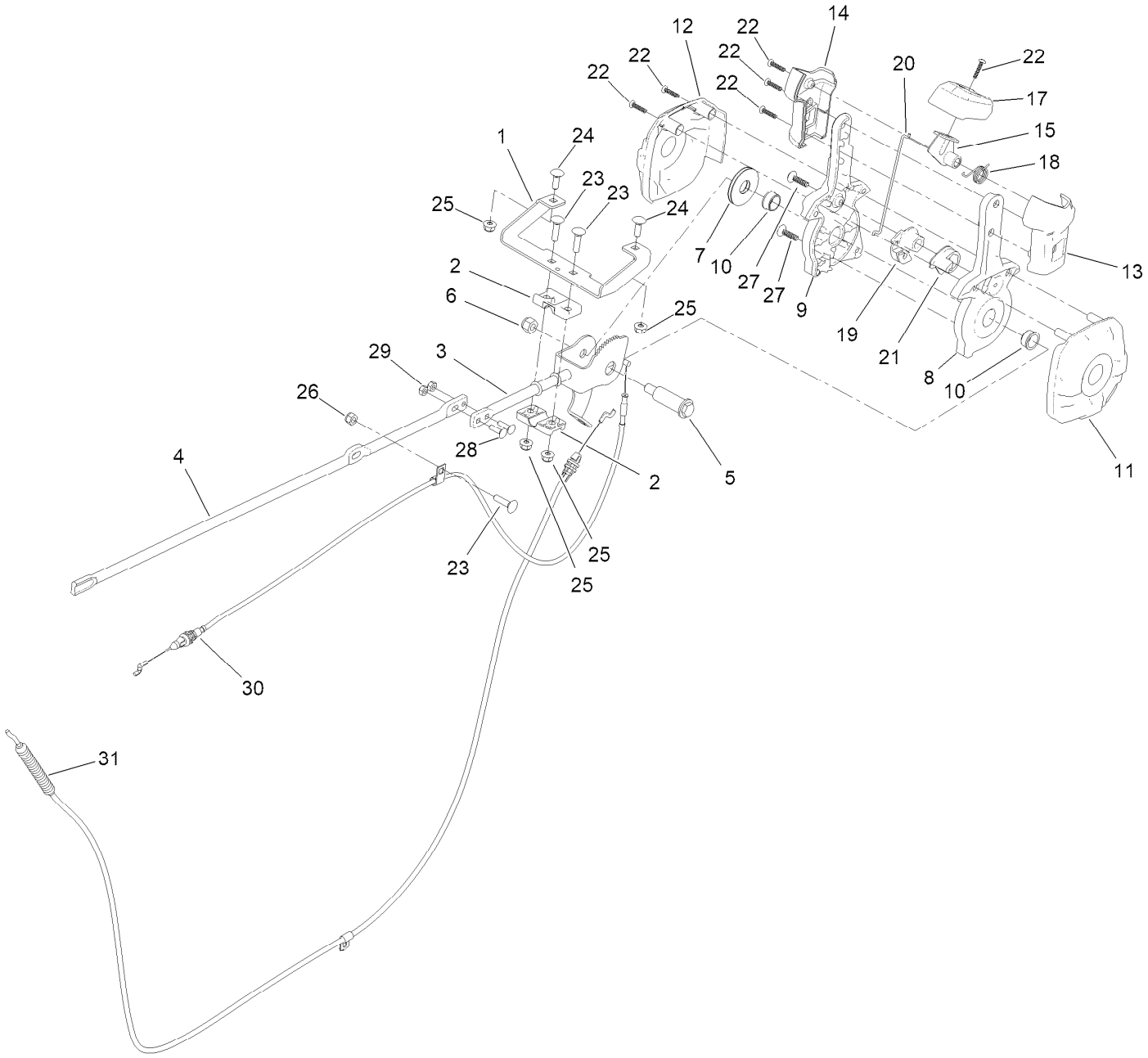
Chute Assembly



Chute Assembly (continued)

Ref.	Part Number	Qty.	Description
1	136-6515	1	Guide-Chute
2	136-6580-01	1	Lower Chute ASM
3	138-3671	2	Gasket-Deflector
4	136-6582-01	1	Middle Deflector ASM
5	135-1929	6	Bolt-CARR
6	138-0719	6	Nut-HF
7	136-6584-01	1	Upper Deflector ASM
8	145-0691-03	1	Support-Chute Weld ASM, Upper
9	144-1647-03	1	Support-Chute Weld ASM, Lower
10	137-3088	3	Nut-Hex
11	137-3063	2	Bolt-Car
12	119-4041	2	Nut-HF
13	138-0689	2	Screw-PH
14	138-0687	2	Bushing-Pivot
15	136-6522	1	Link-Deflector
16	137-3094	2	Nut-Hex
17	32144-85	1	Screw-HWH Thd Form
18	136-6586	2	Grommet-Screw
19	94-4496	2	Screw-PPH
20	136-7191	1	Clamp-Cable
21	132-6915	1	Spring-Extension
22	138-3651	1	Plug-Plastic
23	120-9698	2	Bolt-CARR
42	136-6672	1	Cover-Gear, Face
43	106-4472	1	Gear-Chute
44	136-6517	1	Mount-Gear, Face
45	136-6676	1	Anchor-Cable
46	136-7197	3	Screw-Shoulder
48	106-4471	1	Gear-Face
49	136-6525	1	Latch-Chute
50	108-7315	1	Spring-Torsion
51	137-3103	1	Screw-Shoulder, HH
52	137-3089	1	Nut-Hex
53	137-3110	1	Screw-Plastite, HWH
54	46-6810	2	Screw And Washer ASM
55	106-4422	1	Spacer-Chute
56	136-7199	1	Bolt-Shoulder

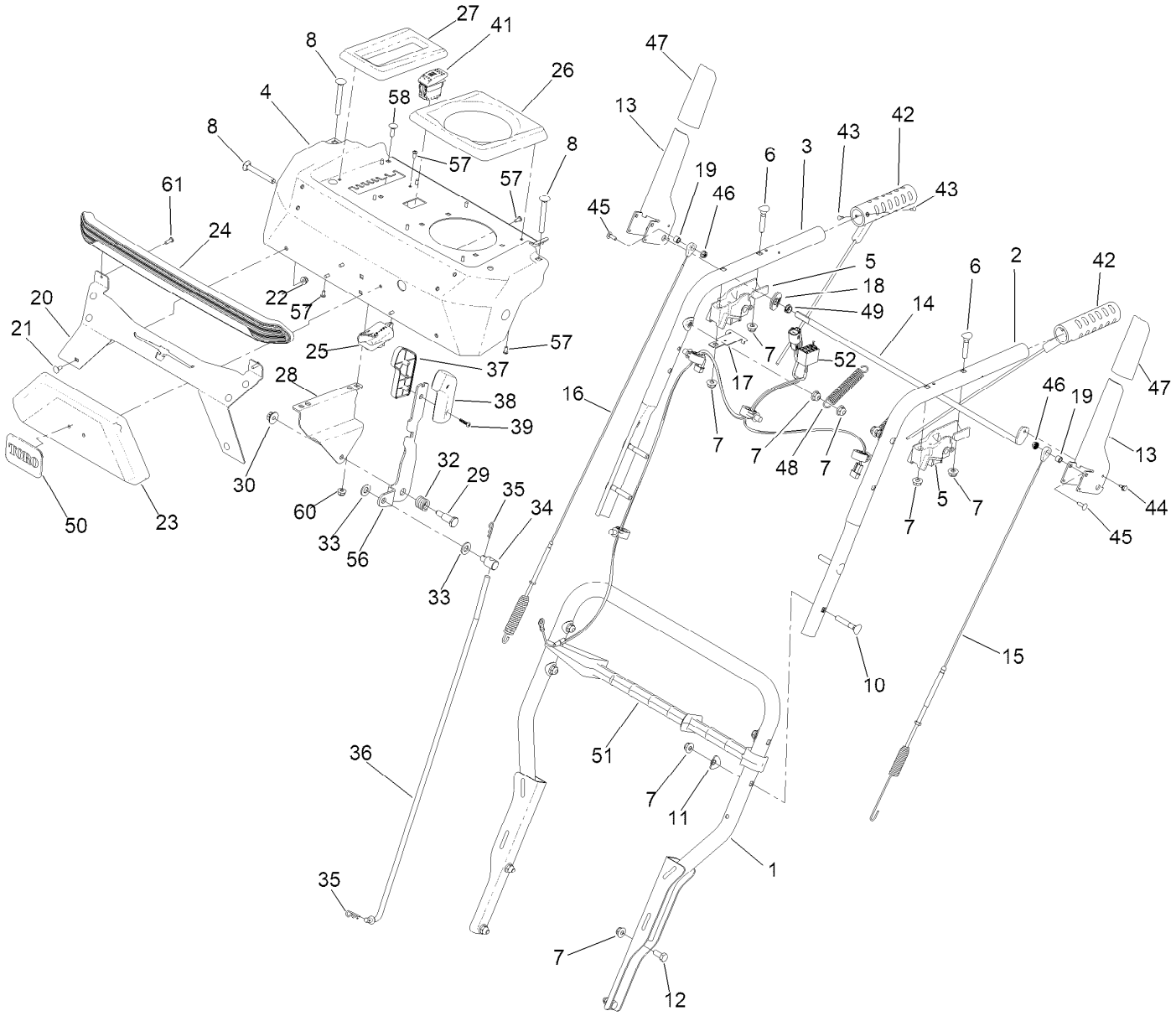
Quickstick Assembly



Quickstick Assembly (continued)

Ref.	Part Number	Qty.	Description
1	164-2796-03	1	Bracket-Dash, Qs
2	105-9987	2	Support-Rod
3	164-4911	1	ASM-Control, Chute Rod
4	164-4910	1	Rod-Chute-Gear
5	138-0659	1	Screw-Shoulder, HWH
6	137-3087	1	Nut-Hex
7	138-0744	1	Washer-Friction, Composite
8	161-1195	1	Handle-LH
9	161-1194	1	Handle-RH
10	126-6199	2	Bushing
11	161-1199	1	Cover-LH
12	161-1198	1	Cover-RH
13	161-1196	1	Grip-LH
14	161-1197	1	Grip-RH
15	137-6238	1	Trigger-Latch
17	164-4900	1	Cap-Lever
18	105-9982	1	Spring-Torsion
19	105-9988	1	Lever-Cable, Deflector
20	138-0688	1	Link-Latch
21	106-7310	1	Pawl-Latch
22	94-4496	6	Screw-PPH
23	137-3056	3	Bolt-CARR
24	137-3053	2	Screw-CARR
25	119-4040	4	Nut-HF, NI
26	137-3094	1	Nut-Hex
27	120-2349	2	Screw
28	139-2629	2	Screw-CARR
29	137-3085	2	Nut-Hex
30	139-9903	1	Cable-Release, Chute
31	164-2792	1	Cable-Deflector Control

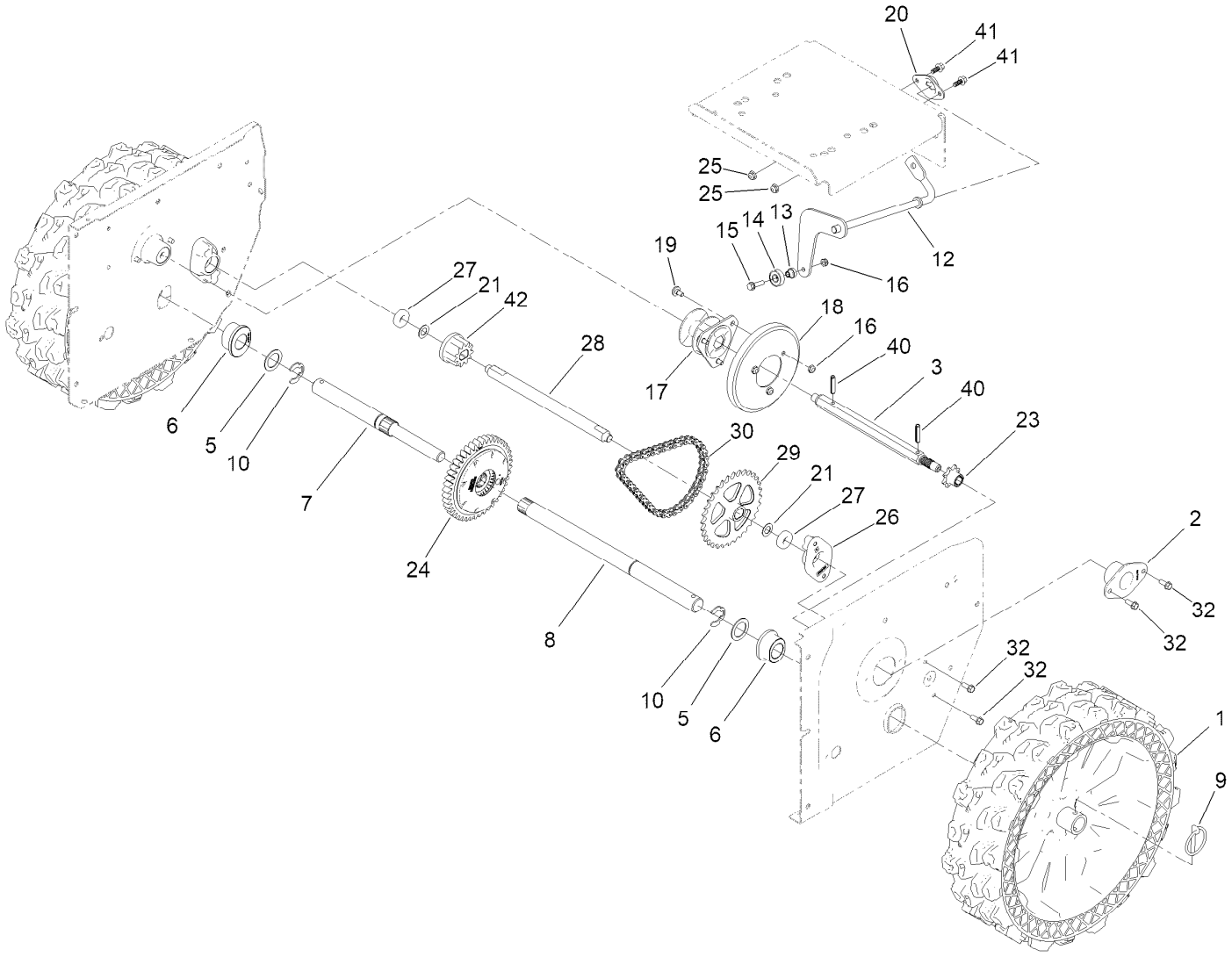
Handle and Control Assembly



Handle and Control Assembly (continued)

Ref.	Part Number	Qty.	Description
1	164-2702-03	1	Handle-Lower, Weld ASM
2	161-5780-03	1	Handle-Upper, LH
3	161-5781-03	1	Handle-Upper, RH
4	163-6250-01	1	Control Panel
5	145-4149	2	Block, Hand Controls
6	137-3008	2	Screw-Handle
7	138-8401	16	Nut-HF
8	164-5422	4	Screw-CARR
10	137-3107	4	Screw-Handle
11	137-3009	6	Washer-Cup
12	137-3052	4	Screw-HH
13	163-0268-03	2	Lever-Snow
14	163-0272	1	Rod-Pivot
15	145-4130	1	Cable-Traction
16	145-4131	1	Cable-Auger
17	163-0299	1	Latch-Lockout
18	164-0556	1	Cam
19	138-3678	2	Spacer
20	163-6207-03	1	HD Front Panel
21	135-1929	6	Bolt-CARR
22	138-0719	6	Nut-HF
23	163-6204	1	Nameplate-Housing
24	164-2710	1	Lightbar-Light
25	164-2711	1	Lightbar-Box
26	164-2785	1	Qs-Plate
27	164-2707	1	Trim, Speed Control
28	163-0265-03	1	Bracket-Traction
29	137-3103	1	Screw-Shoulder, HH
30	137-3038	1	Nut-HF
32	136-7121	1	Spring-Compression
33	115-1166	2	Washer-Plain
34	136-7193	1	Trunnion-Rod
35	137-3083	2	Pin-Hair
36	137-6225	1	Rod-Shift
37	164-4906	1	Knob-Shift, RH
38	164-4907	1	Knob-Shift, LH
39	94-4496	2	Screw-PPH
41	122-1124	1	Switch-Rocker, On-None-Off (Heater)
42	144-1604	2	Grip-Heated
43	3290-271	4	Rivet-Pop
44	104-2065	1	Screw-HWH
45	137-9471	2	Screw-CARR
46	118-1721	2	Nut,Hex Flange,10-24,Sst, Rie2006
47	161-1173	2	Grip-Lever
48	138-8493	2	Spring-Chute, Upper
49	5979	1	Bushing-Nyliner
50	164-2753	1	Logo, Toro
51	110-3408	1	Stick-Cleanout
52	164-2741	1	Harness-Wire, LED And Warmers
56	137-6231-03	1	Selector-Speed
57	105-9437	14	Screw-PPH
58	137-3053	2	Screw-CARR
60	119-4040	2	Nut-HF, NI
61	94-6961	2	Screw

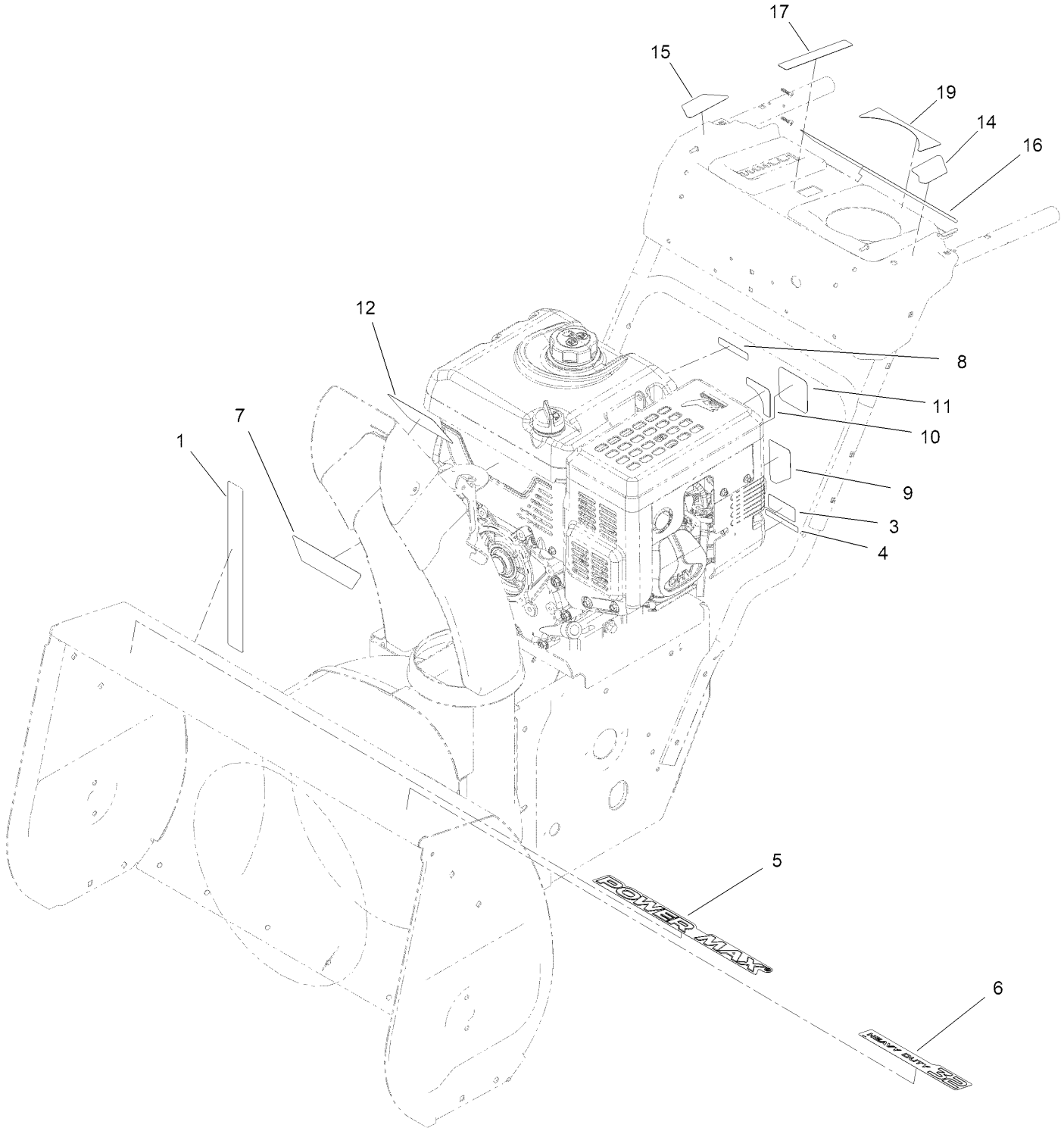
Drive Assembly



Drive Assembly (continued)

Ref.	Part Number	Qty.	Description
1	145-4145	2	16" Airless Snow Tire
2	108-7319	2	Retainer-Bearing
3	138-0745	1	Shaft-Hex
5	138-0725	2	Washer-Thrust
6	136-6641	2	Bushing-Axle
7	140-3711	1	Axle-Rt, HD
8	140-3736	1	Axle -Lt, HD
9	138-3642	2	Pin-Klik
10	32151-91	2	Ring-Retaining
12	137-6162-03	1	Rod-Shift
13	119-7684	1	Spacer-Plate, Shift
14	121-6835	1	Bearing-Ball
15	32144-86	1	Screw-HWHTF
16	137-3091	4	Nut-Hex
17	119-7630	1	Trunnion
18	119-1567	1	Wheel-Friction
19	137-6246	3	Screw-Shoulder
20	136-6647-03	1	Retainer-Rod, Shift
21	36-4780	2	Washer-Plain
23	125-1134	1	Gear-Pinion, 8 Tooth
24	140-3748	1	Transmission-Gt, Di300
25	137-3005	2	Nut-HF
26	136-6697	2	Retainer-Bearing, Intermediate
27	52-2450	2	Bearing-Wheel
28	136-6692	1	Shaft-Intermediate
29	136-6698	1	Sprocket-32T
30	108-0016	1	Chain-Roller
32	32144-85	4	Screw-HWH Thd Form
40	32121-9	2	Pin-Roll, Slotted
41	137-3111	2	Screw-HHF
42	136-6699	1	Tooth-Gear, 11

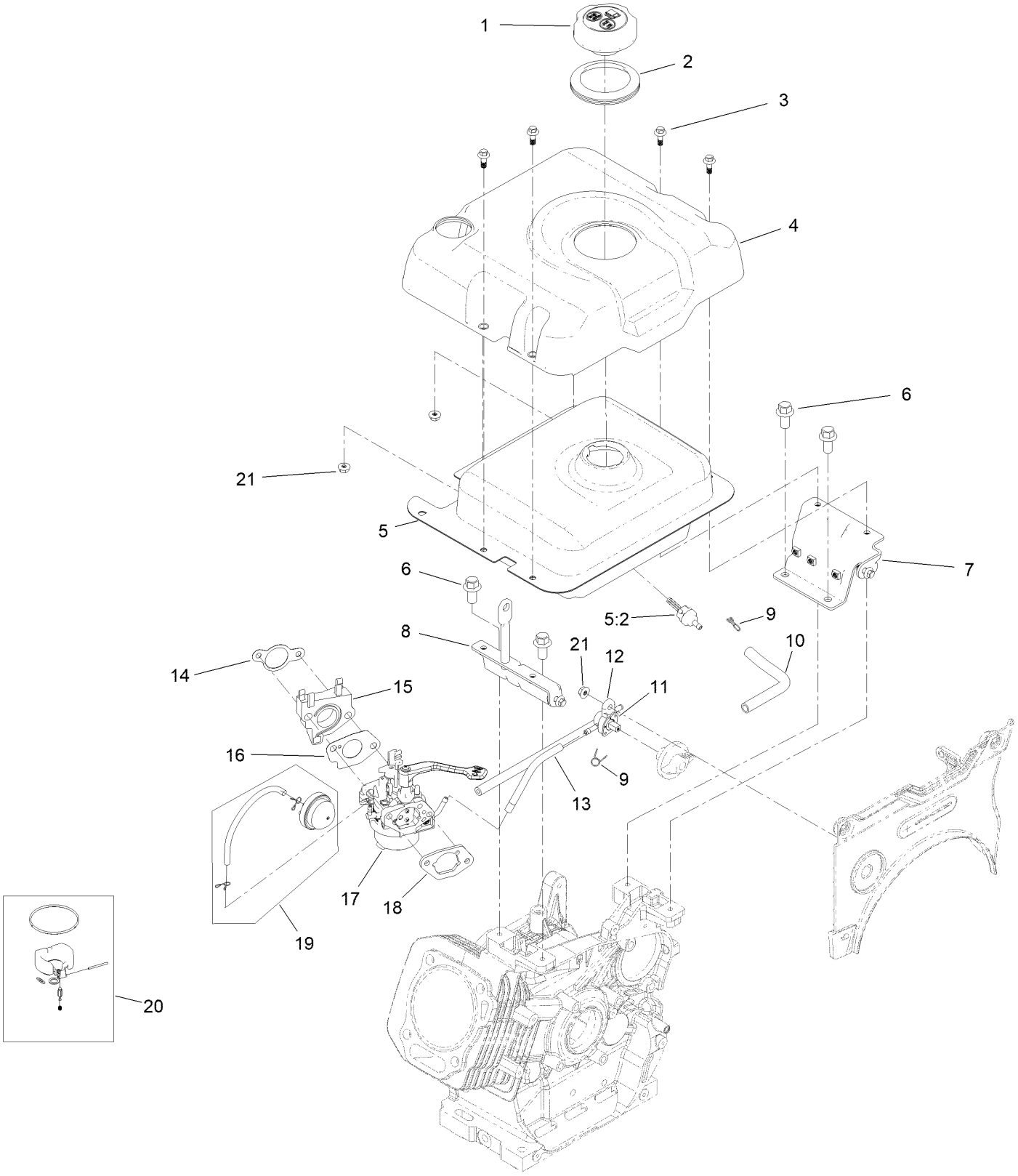
Decal Assembly



Decal Assembly (continued)

Ref.	Part Number	Qty.	Description
1	164-2713	1	Decal-Safety
3	121-5684	1	Decal-Location, Service Dealer
4	133-8061	1	Decal-Warning
5	164-2720	1	Decal-Power Max
6	164-5406	1	Decal-Heavy Duty 32
7	161-6035	1	Decal - 375Cc Ohv
8	131-6487	1	Decal-Throttle
9	120-9805	1	Decal-Control, Engine
10	136-7825	1	Decal-Valve, Fuel
11	138-3621	1	Decal-Recoil
12	137-6198	1	Decal-Danger
14	164-2715	1	Decal-Drive
15	164-2714	1	Decal-Auger
16	164-5402	1	Decal-Power Max, HD 32
17	164-2717	1	Decal-Throttle
19	164-2716	1	Decal-Quick Stick

Fuel Systems and Carburetor Assembly

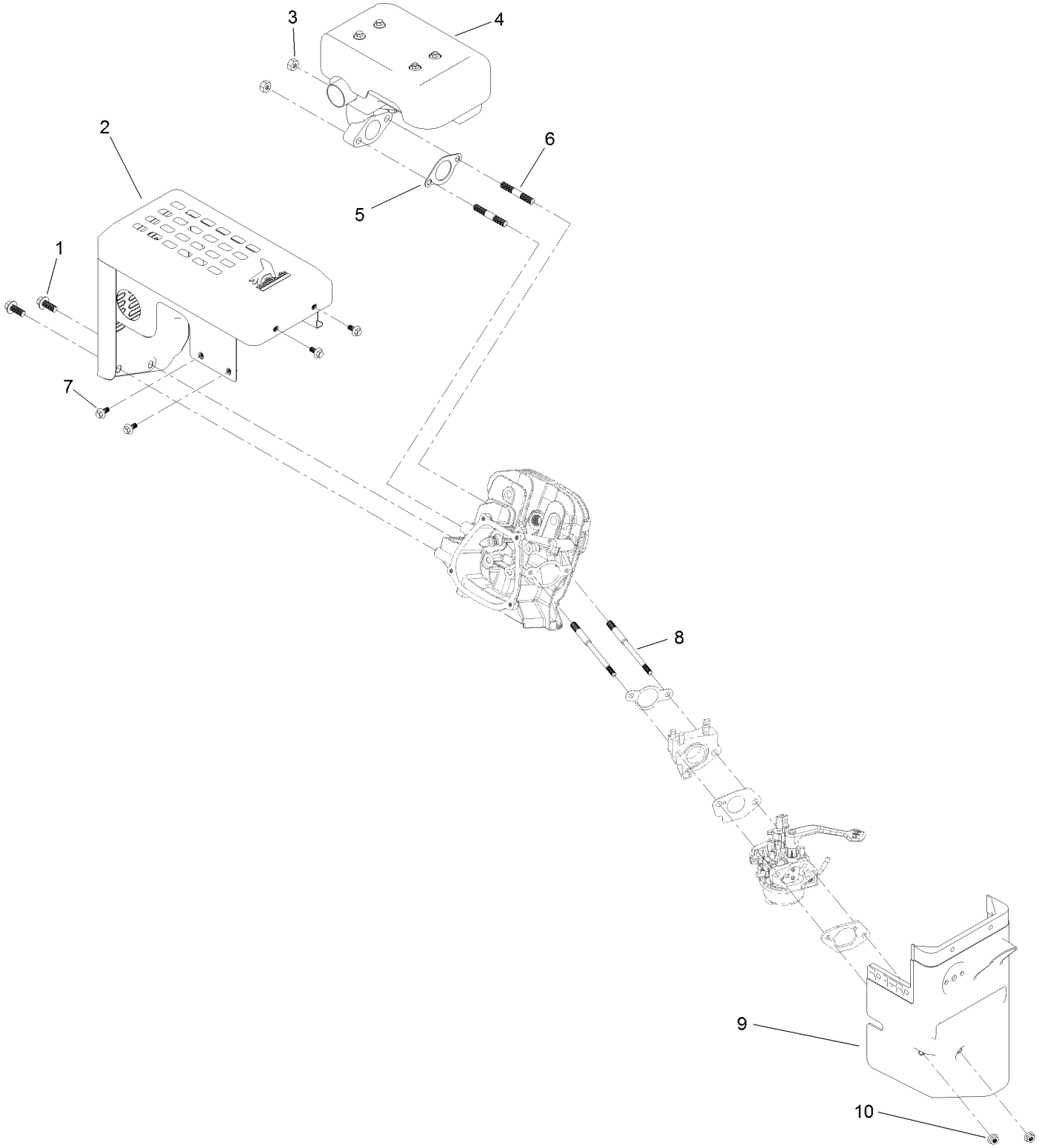


Fuel Systems and Carburetor Assembly (continued)

Ref.	Part Number	Qty.	Description
1	133-9823	1	Cap-Fuel
2	121-0324	1	Insert-Cover, Tank
3	121-0296	4	Screw-HHF
4	139-0574	1	Cover-Tank, Fuel
5	139-0567	1	Fuel Tank And Filter ASM
5:2	127-9065	1	Filter-Fuel
6	139-0569	4	Screw-HHF
7	139-0571	1	Bracket-Tank, Right
8	139-0570	1	Bracket-Tank, Left
9	147-7077	4	Clip-Hose
10	147-7078	1	Sleeve-Abrasion
11	147-7076	1	Hose-Fuel
12	121-0258	1	Valve-Fuel
13	147-7094	1	Hose-Fuel
14	139-0579	1	Gasket-Carburetor
15	139-0580	1	Insulator-Carburetor
16	139-0581	1	Gasket-Carburetor
17	139-0582	1	Carburetor ASM
18	121-0254	1	Gasket-Coated, Rubber
19	127-9372	1	Primer Kit
20	139-0625	1	Internal Carb Service Kit
21	121-0010	3	Nut-Flange
99	139-0599	1	High Altitude Kit ●

● Not illustrated

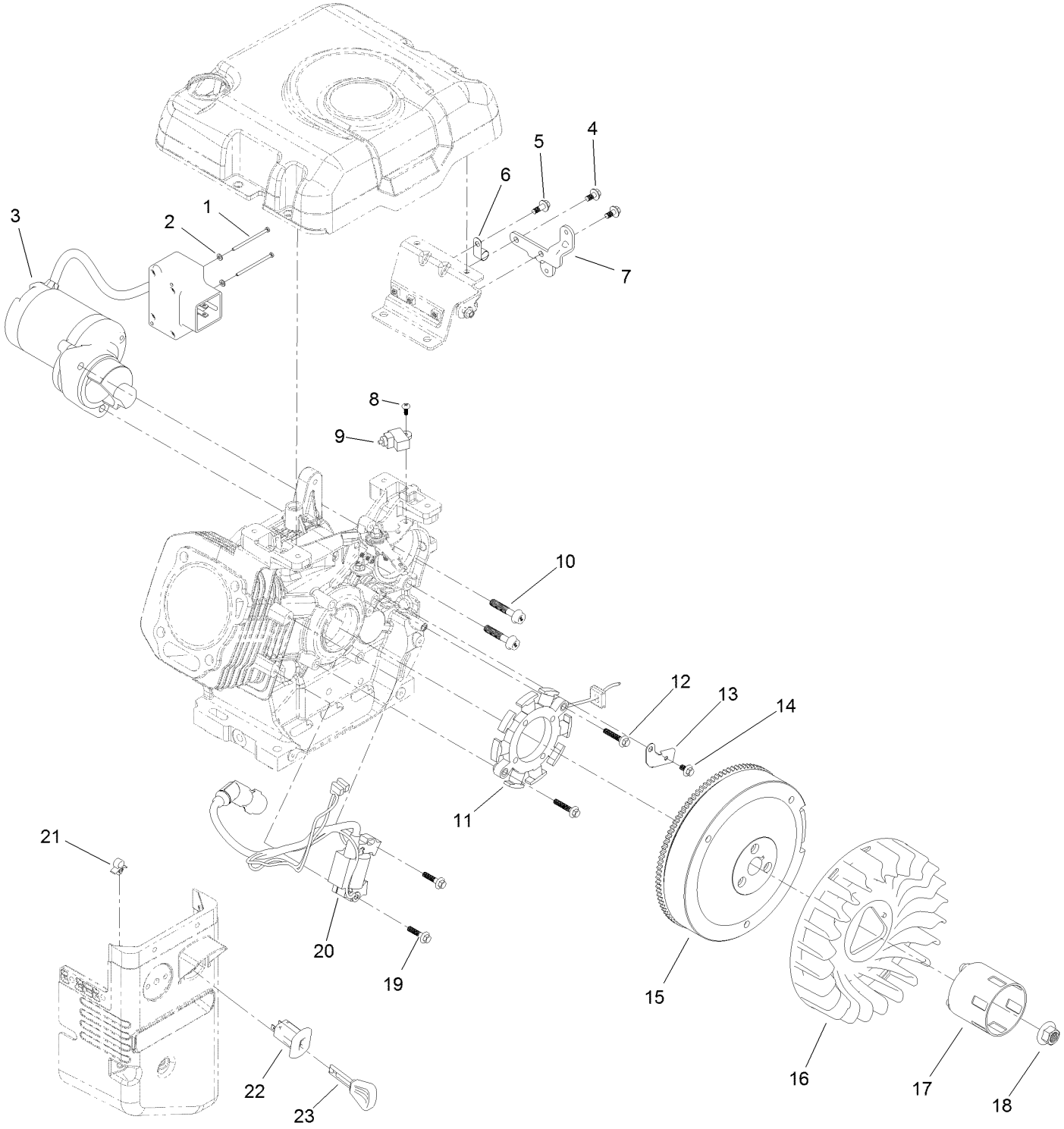
Intake and Exhaust Assembly



Intake and Exhaust Assembly (continued)

Ref.	Part Number	Qty.	Description
1	121-0297	2	Screw-HHF
2	139-0577	1	Shield-Muffler
3	121-0199	2	Nut-HH
4	139-0578	1	Muffler ASM
5	121-0272	1	Gasket-Exhaust
6	121-0304	2	Stud-Mount, Muffler
7	121-0294	4	Screw-HHF
8	121-0303	2	Stud-Mount, Carburetor
9	139-0585	1	Box-Heater
10	121-0308	2	Nut-Flange

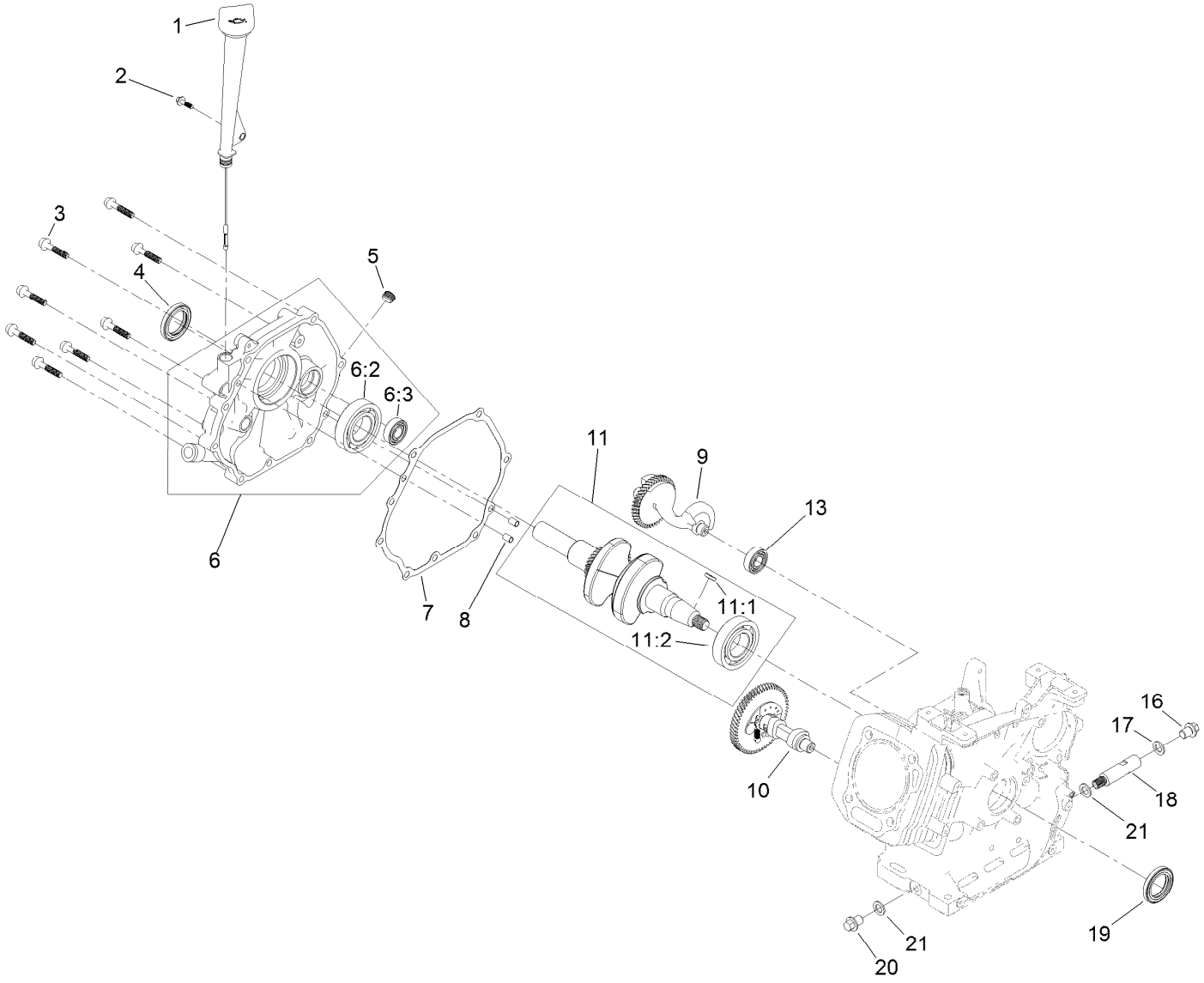
Ignition and Electrical Assembly



Ignition and Electrical Assembly (continued)

Ref.	Part Number	Qty.	Description
1	121-0306	2	Screw-Bhp
2	121-0312	2	Washer-Plain
3	144-0991	1	Motor-Starter
4	121-0294	2	Screw-HHF
5	121-0296	1	Screw-HHF
6	121-0017	1	Clip-Harness, Wire
7	139-0572	1	Bracket-Box, Switch
8	120-4461	1	Screw-PPH
9	139-0563	1	Switch-Stop, Engine
10	121-0298	2	Screw-HHF
11	121-4108	1	Stator Coil ASM
12	120-4223	2	Screw-HHF
13	139-0555	1	Clamp-Wire, Charge
14	121-0118	1	Screw-HHF
15	139-0558	1	Flywheel ASM
16	139-0559	1	Fan-Cooling
17	139-0560	1	Cup-Starter
18	121-0309	1	Nut-Flange
19	121-0097	2	Screw-HHF
20	139-0557	1	Ignition Coil ASM
21	121-0326	1	Clip
22	121-0283	1	Switch-Key
23	117-7728	1	Key

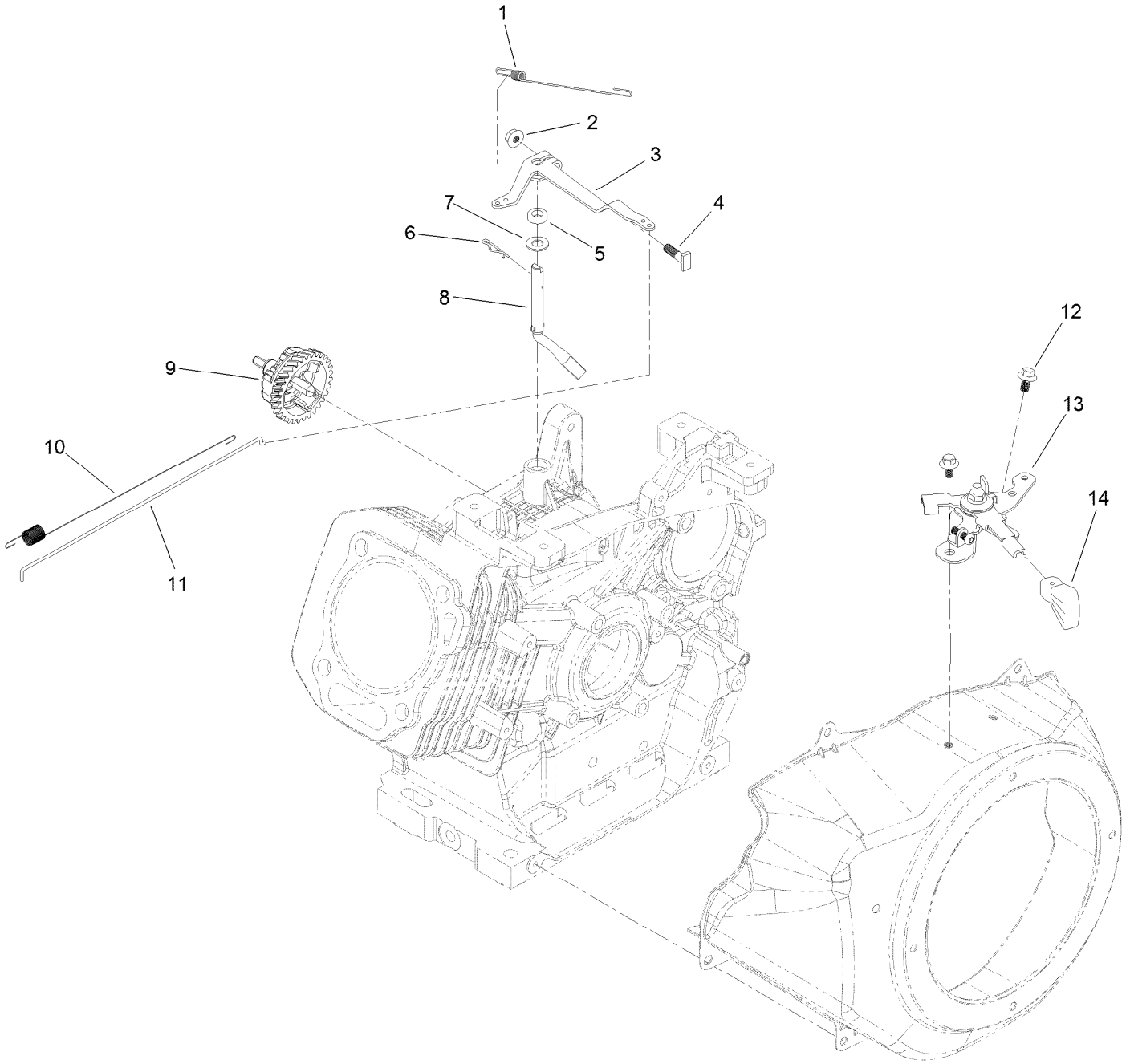
Crankcase Assembly



Crankcase Assembly (continued)

Ref.	Part Number	Qty.	Description
1	136-7941	1	Oil Fill ASM
2	127-9123	1	Screw-HHF
3	121-0298	8	Screw-HHF
4	136-7942	1	Seal-Oil
5	133-9805	1	Plug-Drain
6	139-0611	1	Crankcase Cover ASM
6:2	120-4261	1	Bearing-Ball
6:3	136-7949	1	Bearing-Ball
7	136-7945	1	Gasket-Cover, Case
8	121-0314	2	Pin-Dowel
9	139-0550	1	Shaft-Balance
10	136-7939	1	Camshaft ASM
11	139-0586	1	Crankshaft ASM
11:1	120-4320	1	Key-Woodruff
11:2	120-4261	1	Bearing-Ball
13	136-7949	1	Bearing-Ball
16	121-0030	1	Screw-HHF
17	121-0048	1	Washer-Plain
18	121-0229	1	Tube-Drain, Oil
19	139-0556	1	Seal-Oil
20	121-0222	1	Screw-HHF
21	121-0310	2	Washer-Plain

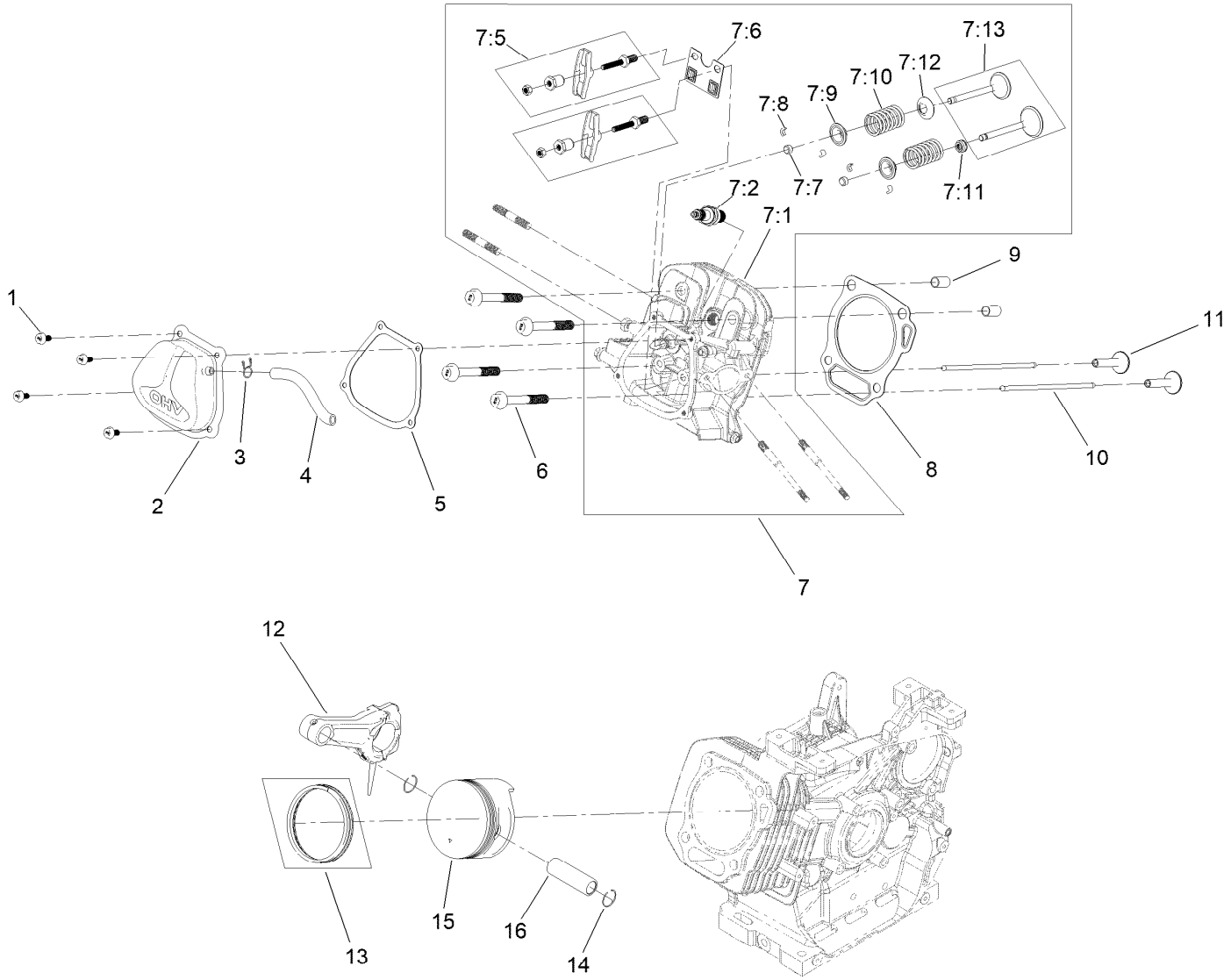
Governor Assembly



Governor Assembly (continued)

Ref.	Part Number	Qty.	Description
1	139-0564	1	Spring-Governor
2	139-0552	1	Nut-Flange
3	139-0551	1	Arm-Governor
4	120-4238	1	Bolt-Arm, Governor
5	120-4257	1	Seal-Oil
6	120-4256	1	Pin-Hair
7	121-0311	1	Washer-Plain
8	139-0553	1	Shaft-Governor
9	136-7944	1	Governor Gear ASM
10	121-0261	1	Spring-Return, Throttle
11	139-0584	1	Rod-Governor
12	121-0118	2	Screw-HHF
13	139-0562	1	Throttle Control ASM
14	121-0269	1	Knob-Control, Throttle

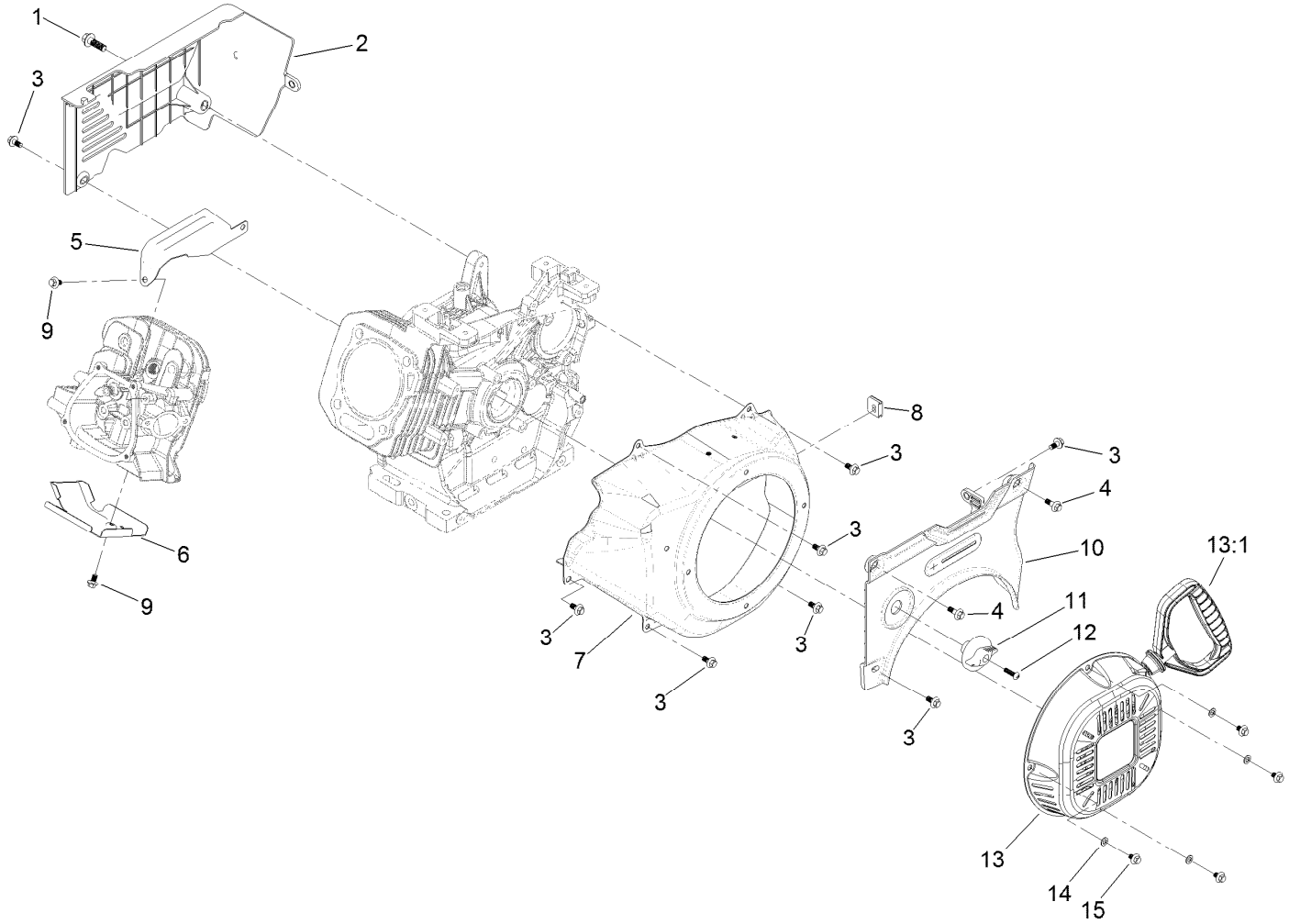
Piston and Head Assembly



Piston and Head Assembly (continued)

Ref.	Part Number	Qty.	Description
1	121-0044	4	Screw-HHF
2	121-0233	1	Valve Cover ASM
3	127-9408	1	Clamp-Hose
4	139-0629	1	Tube-Breather
5	121-0234	1	Gasket-Cover, Valve
6	121-0302	4	Screw-HHF
7	139-0595	1	Complete Head ASM
7:1	136-7932	1	Head-Cylinder
7:2	147-7074	1	Spark Plug
7:2	81-3250	1	Spark Plug
7:5	121-0245	2	Rocker Arm ASM
7:6	121-0247	1	Plate-Guide, Push Rod
7:7	121-0244	2	Rotator-Valve
7:8	120-4307	4	Keeper-Valve
7:9	120-4306	2	Retainer-Spring, Valve
7:10	120-4305	2	Spring-Valve
7:11	120-4304	1	Seal-Stem, Valve
7:12	120-4303	1	Seat-Spring, Valve
7:13	136-7940	1	Valve Set
8	136-7934	1	Gasket-Head, Cylinder
9	120-4200	2	Pin-Dowel
10	136-7938	2	Rod-Push
11	120-4298	2	Lifter-Valve
12	136-7946	1	Connecting Rod ASM
13	136-7948	1	Ring Set
14	120-4288	2	Ring-Retaining, Piston Pin
15	136-7947	1	Piston
16	120-4291	1	Pin-Piston

Blower Housing and Shrouds Assembly



Blower Housing and Shrouds Assembly (continued)

Ref.	Part Number	Qty.	Description
1	139-0575	1	Screw-HHF
2	139-0576	1	Panel-Rear
3	121-0294	8	Screw-HHF
4	121-0296	2	Screw-HHF
5	136-7937	1	Shroud-Head, Upper
6	136-7933	1	Shroud-Head, Lower
7	121-0307	1	Shroud-Recoil
8	121-0325	1	Grommet-Rubber
9	121-0118	2	Screw-HHF
10	139-0565	1	Panel-Control, Front
11	121-0268	1	Knob-Valve, Fuel
12	121-0305	1	Screw-Bhp
13	139-0561	1	Recoil ASM
13:1	121-0287	1	Handle-Recoil
14	127-9380	4	Washer-Plain
15	127-9031	4	Screw-HHF

Attachments and Accessories

For 39963 — Power Max Heavy Duty 1232 Snowthrower

Product Name	Model/Part
High-Altitude Kit	121-4241
Heavy-Duty Skid Kit	125-1104
MAINT KIT TORO 265/302/375/420CC 2-STAGE	20309
Non-Marking Skid Kit	38211
Drift Breaker Kit	38213
Toro Snow Oil 0W30 Synthetic 20-Ounce Bottle	38913
Power Max HD Covers (2019)	490-7415

Notes:



Count on it.