Form No. 3464-246 Rev G

TORO®

Count on it.

Parts Catalog

Power Max® Heavy Duty 828

OAE Snowthrower

Model No. 38838—Serial No. 415000000 and Up

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

3464-246 G

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.

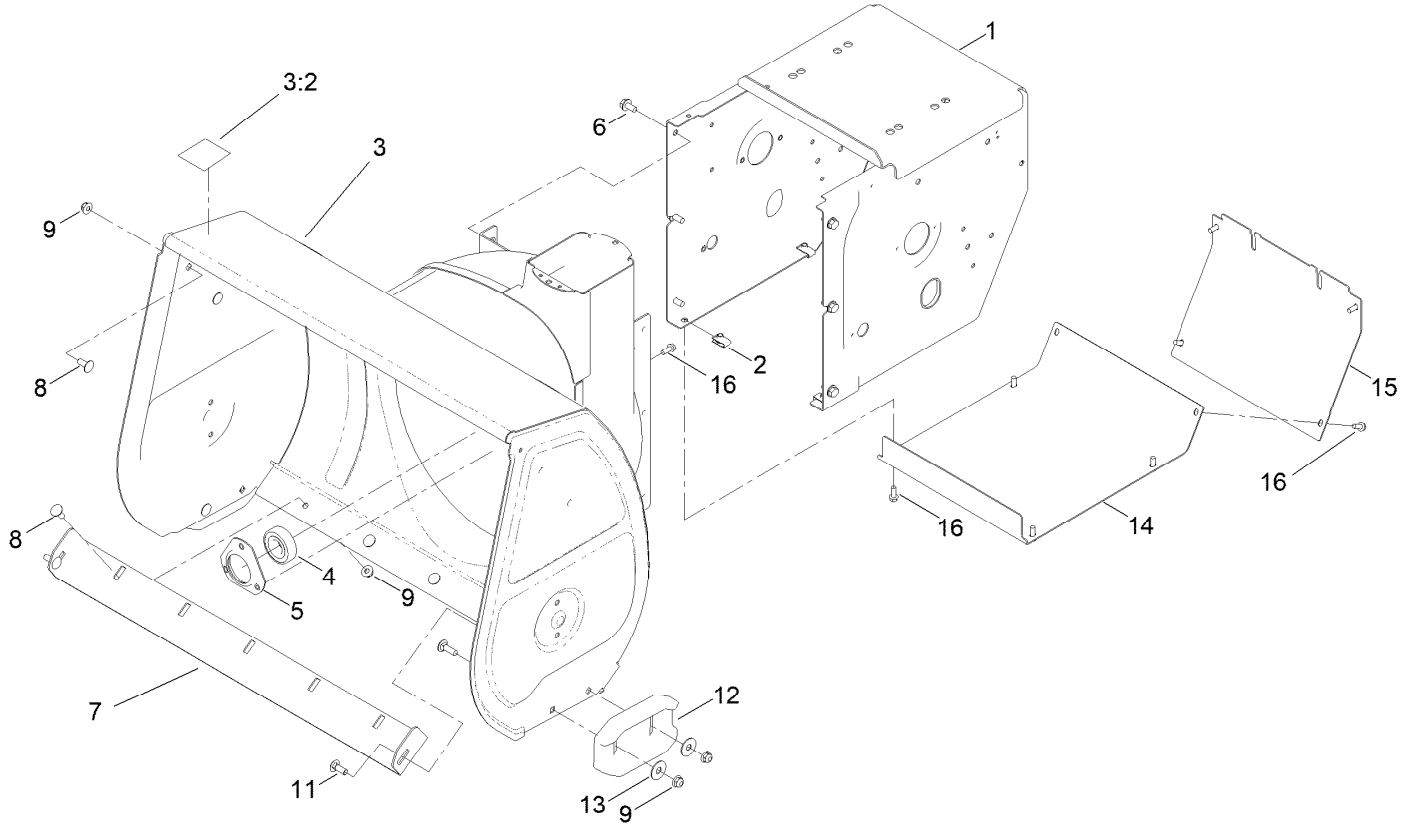
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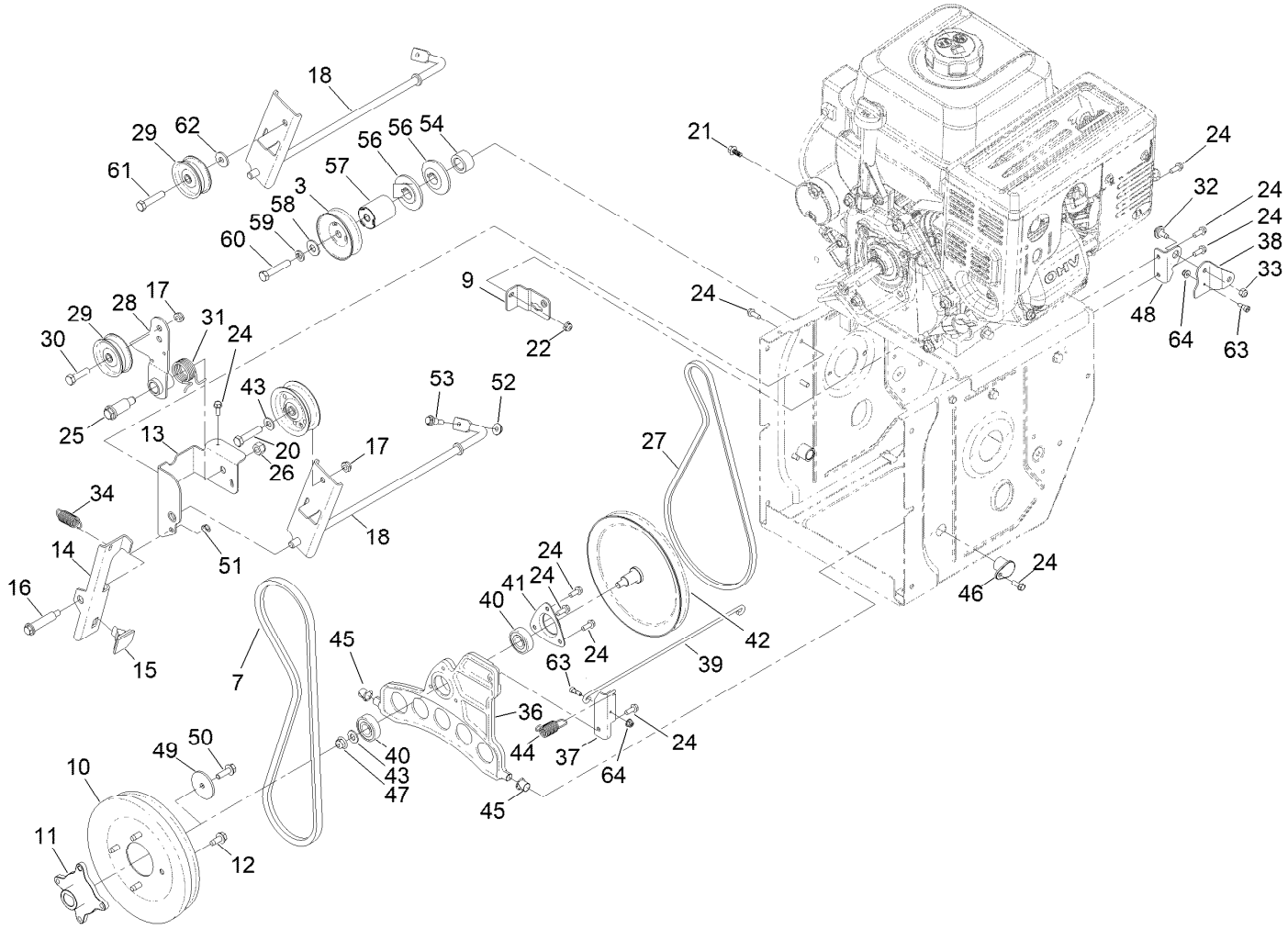
Housing Assembly



Housing Assembly (continued)

Ref.	Part Number	Qty.	Description
1	136-6639-01	1	Frame-Traction
2	107069	8	Clip
3	139-1562	1	Auger Housing ASM
3:2	121-6817	1	Decal-Danger, Auger
4	136-6571	1	Bearing-Ball
5	136-6573	1	Retainer-Bearing
6	32144-14	6	Screw-HWHTF
7	136-6588-01	1	Blade-Scraper
8	137-3061	5	Bolt-CARR
9	119-4041	9	Nut-HF
11	137-3059	4	Bolt-CARR
12	106-4588-01	2	Skid
13	119-4150	4	Washer-Flat
14	136-6650-01	1	Cover-Bottom
15	136-6651-01	1	Cover-Rear
16	32144-85	11	Screw-HWH Thd Form

Auger Drive Assembly

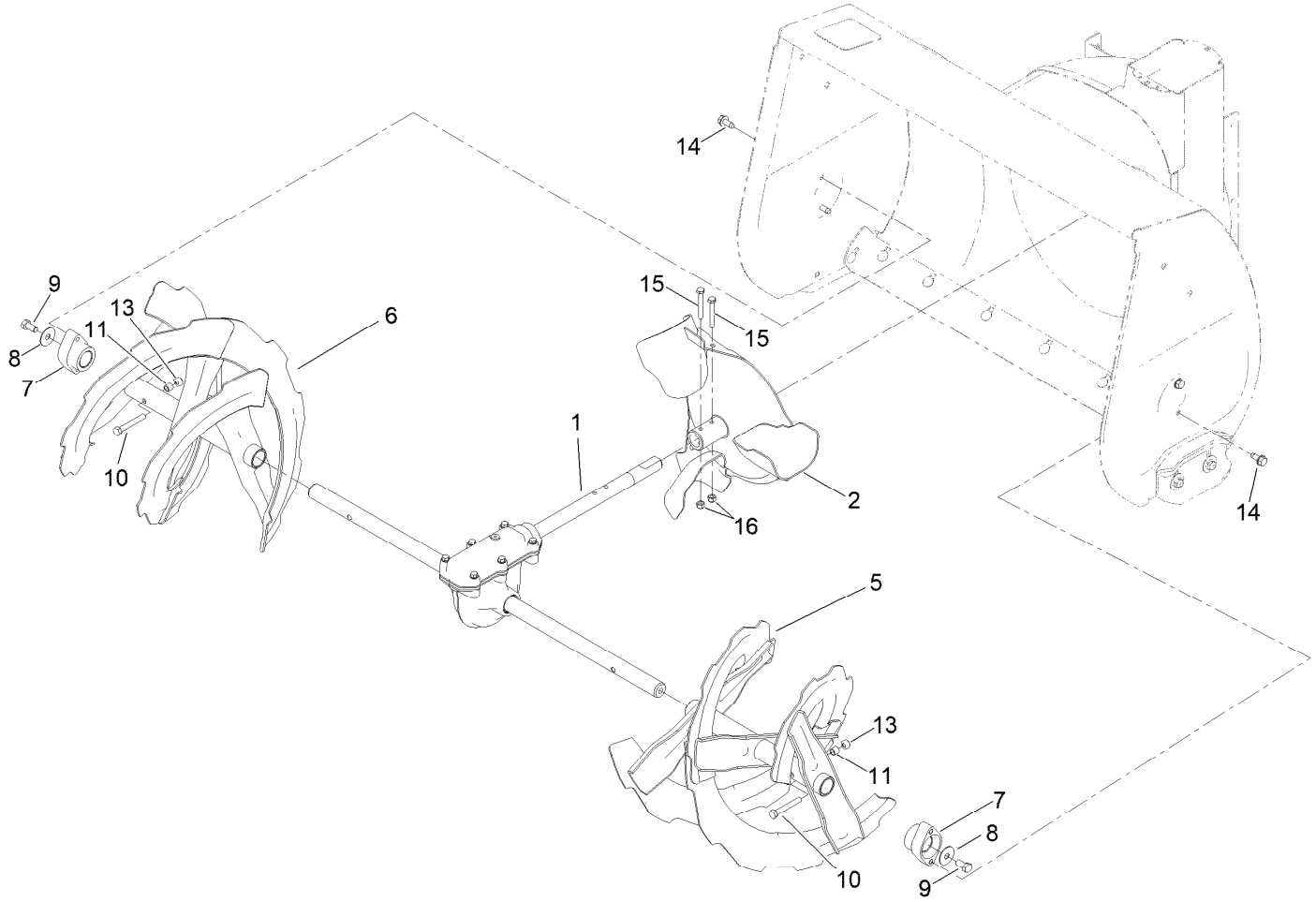


Auger Drive Assembly (continued)

Ref.	Part Number	Qty.	Description
3	137-6179	1	Pulley-Impeller
7	161-5972	1	Belt-V
9	136-8654-03	1	Bracket-Clutch, Impeller
10	138-0717	1	Pulley-Impeller
11	136-6558	1	Hub-Pulley
12	32144-70	4	Screw-HWHTF
13	136-8671-03	1	Bracket-Brake, Clutch
14	136-6527	1	Brake Arm
15	66-8060	1	Pad-Brake
16	136-7199	1	Bolt-Shoulder
17	121-4600	2	Nut-Hex
18	145-0670	1	Arm-Clutch, Impeller
20	138-0722	1	Screw-HH
21	137-3111	1	Screw-HHF
22	137-3005	1	Nut-HF
24	32144-85	12	Screw-HWH Thd Form
25	136-7116	1	Bolt-Shoulder
26	137-3095	1	Nut-Hex
27	109-7299	1	Belt,3L P21 Drive
28	136-7186	1	Arm-Idler, Traction
29	3-4244	2	Pulley-Idler
30	137-3065	1	Screw-HH
31	120-3060	1	Spring-Torsion
32	92-9698	1	Screw-Shoulder
33	137-3094	1	Nut-Hex
34	145-0675	1	Spring-Extension
36	136-6689	1	Plate-Friction, Wheel

Ref.	Part Number	Qty.	Description
37	144-1621	1	Bkt-Traction Plate
38	144-1622	1	Bellcrank-Drive
39	144-1613	1	Link-Traction, HD
40	38-7820	2	Bearing-Ball
41	136-7124	1	Retainer-Bearing
42	137-6154	1	Pulley-Traction
43	115-1166	1	Washer-Plain
44	137-6189	1	Spring-Extension
45	256-257	2	Bushing-Nyliner
46	120-7156	2	Bushing-Plate, Traction
47	119-4042	1	Nut-HF, NI
48	136-6654	1	Bracket-Bellcrank
49	137-3121	1	Washer-Plain
50	115-5142	1	Screw-HHF, Patch
51	137-3089	1	Nut-Hex
52	137-3016	1	Nut-HF
53	104-0858	1	Bolt-Shoulder
54	144-1242	1	Spacer
56	144-1240	2	Sheave-Traction
57	144-1241	1	Spacer-Pulley
58	137-3078	1	Washer-Plain
59	3253-21	1	Washer-Lock
60	120-2302	1	Screw-HH, Patch
61	138-0722	1	Screw-HH
62	139-2632	1	Washer-Hardened
63	94-9422	2	Screw-Shoulder
64	138-0719	2	Nut-HF

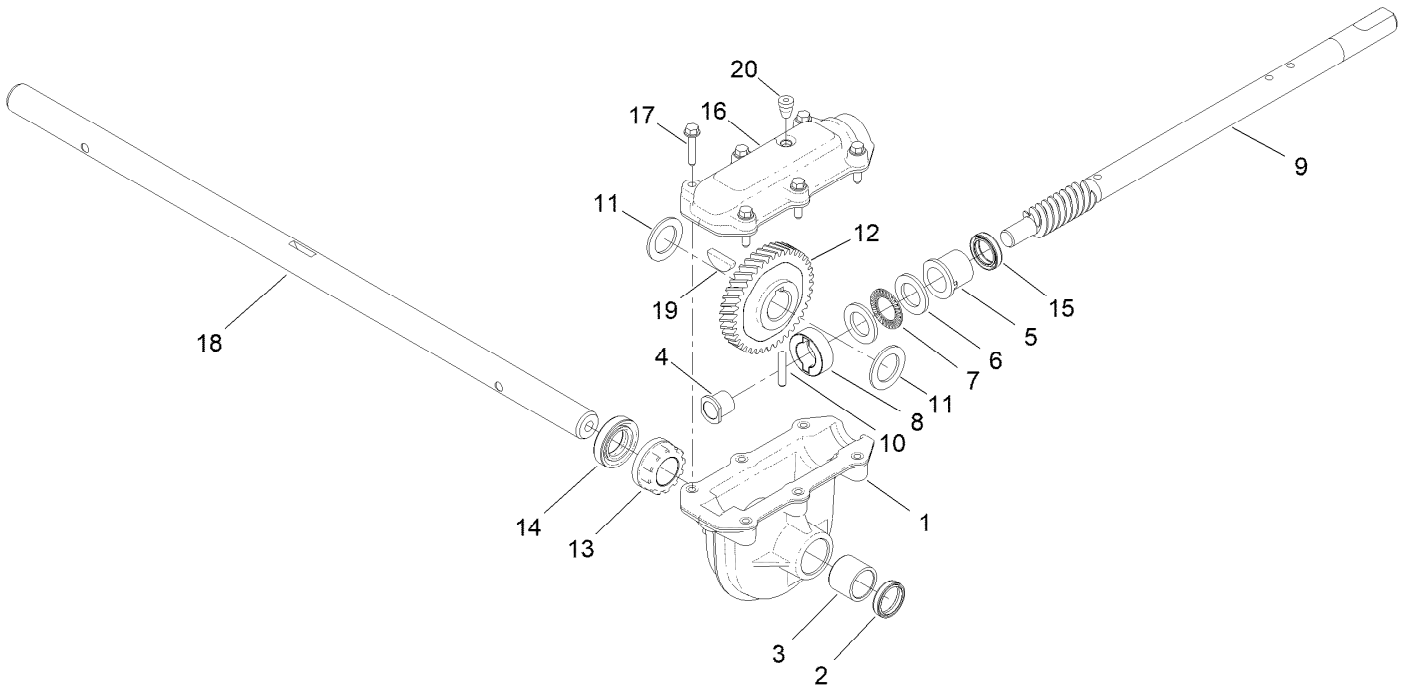
Gear Case Assembly



Gear Case Assembly (continued)

Ref.	Part Number	Qty.	Description
1	136-6549	1	Auger Gearcase ASM
2	136-6570-03	1	Impeller
5	136-6600-03	1	Auger-LH
6	136-6601-03	1	Auger-RH
7	106-4570	2	Bearing-Auger
8	3-0750	2	Washer
9	137-3066	2	Screw-HH
10	120-9738	2	Screw-HH
11	136-7148	2	Spacer-Grommet
13	119-4038	2	Nut-Hex
14	32144-70	4	Screw-HWHTF
15	137-3032	2	Screw-HH
16	137-3088	2	Nut-Hex

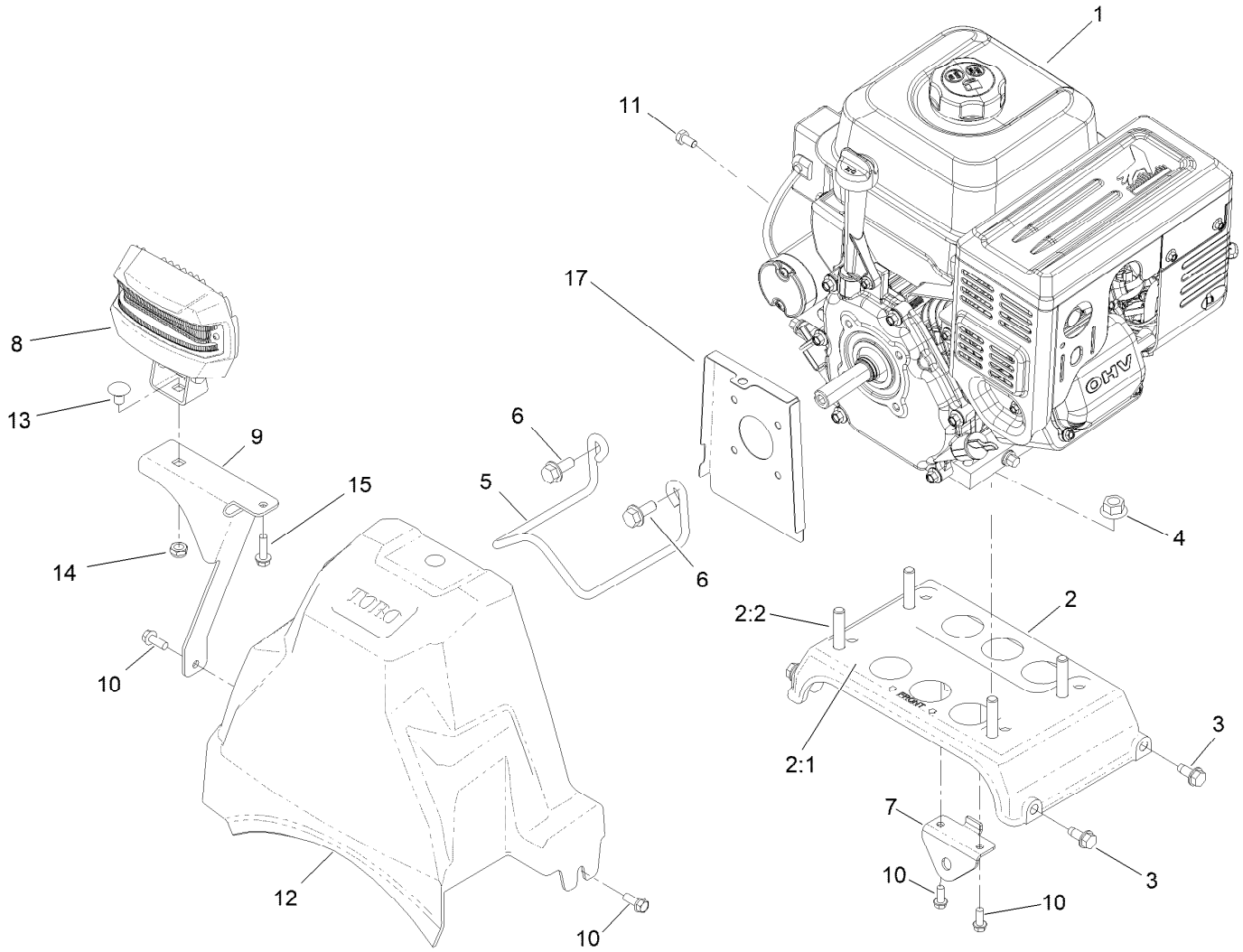
Auger Gearcase Assembly No. 136-6549



Auger Gearcase Assembly No. 136-6549 (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	136-6658	1	Shaft Auger 28"
19	3257-10	1	Key-Woodruff
20	138-3629	1	Plug-Oil

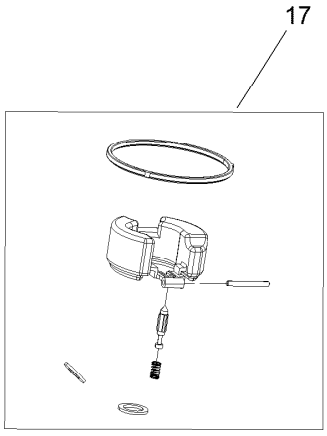
Engine Assembly

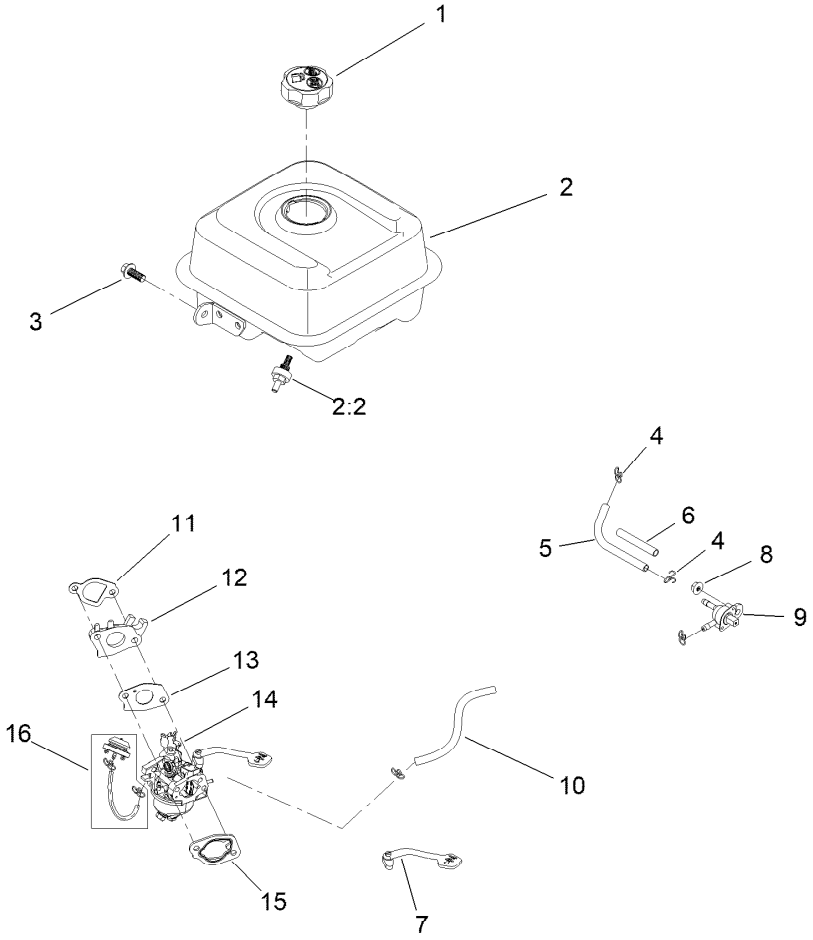


Engine Assembly (continued)

Ref.	Part Number	Qty.	Description
1	147-7057	1	Engine-G250Fds-1
2	144-1625	1	Engine Plate ASM (G250)
2:1	144-1626	1	Plate-Engine
2:2	136-7178	4	Stud-Press 95/16-18 X 1.625)
3	32144-70	4	Screw-HWHTF
4	32128-20	4	Nut-HF
5	144-2816	1	Guide-Belt
6	138-0690	2	Screw-HHF,Patch
7	136-6644-03	1	Bracket-Control, Traction
8	138-0670	1	LED Light ASM
9	138-0683-03	1	Bracket-Light
10	32144-85	2	Screw-HWH Thd Form
11	121-4615	1	Screw-HH
12	136-6606	1	Cover-Belt
13	3230-19	1	Bolt-CARR
14	137-3089	1	Nut-Hex
15	137-3099	1	Screw-Plastite, HWH
17	140-7945-03	1	Cover-Crank

Fuel System and Carburetor Assembly



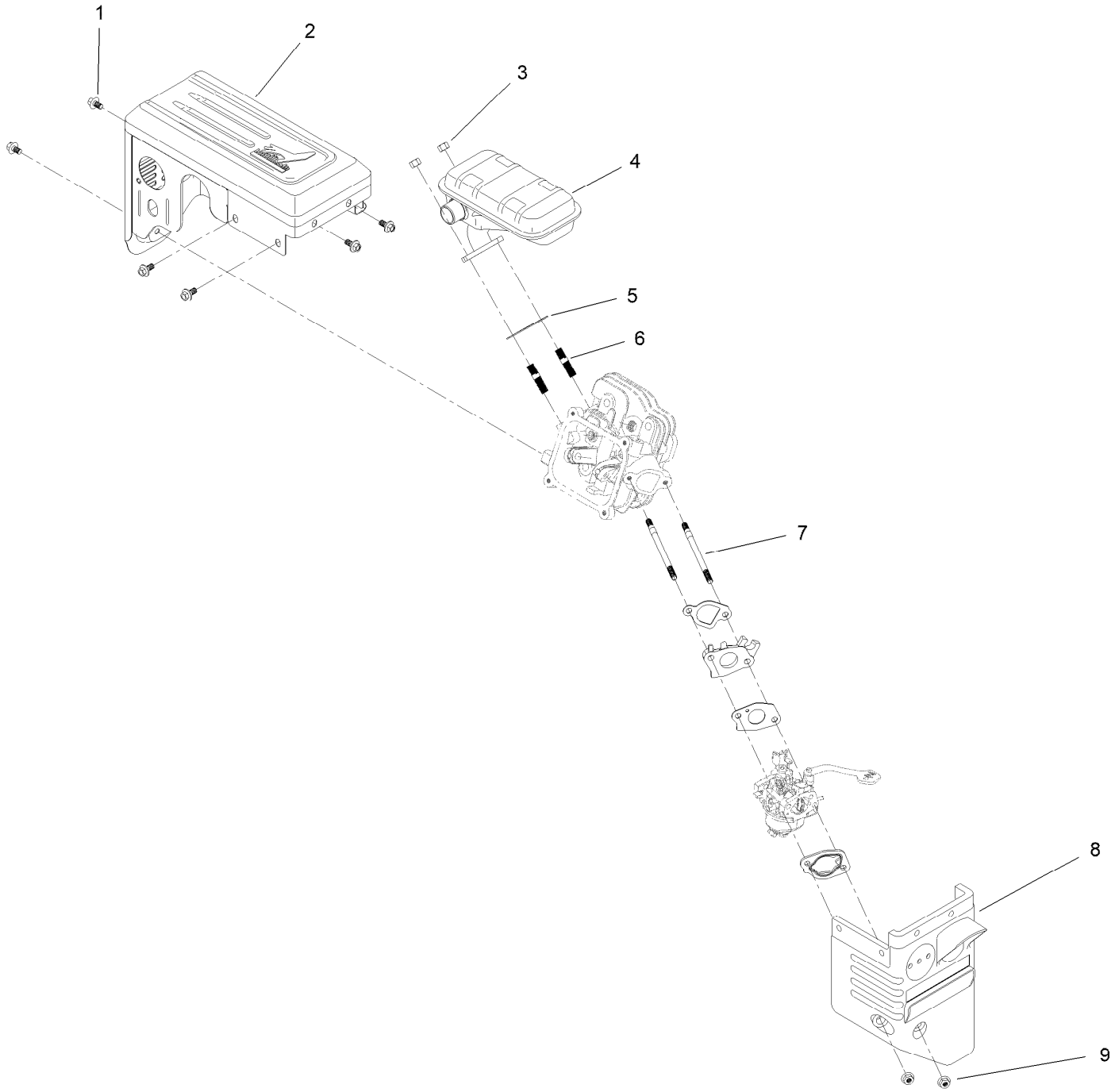


Fuel System and Carburetor Assembly (continued)

Ref.	Part Number	Qty.	Description
1	133-9823	1	Cap-Fuel
2	133-1553	1	Fuel Tank And Filter ASM
2:2	127-9065	1	Filter-Fuel
3	121-0294	1	Screw-HHF
4	147-7077	4	Clip-Hose
5	147-7087	1	Hose-Fuel
6	147-7088	1	Sleeve-Abrasion
7	147-7096	1	Lever-Choke
8	120-4236	1	Nut-Flange
9	127-9117	1	Valve-Fuel
10	147-7086	1	Hose-Fuel
11	133-1531	1	Gasket-Carburetor
12	133-1532	1	Insulator-Carburetor
13	133-1533	1	Gasket-Carburetor
14	133-1534	1	Carburetor ASM
15	121-0080	1	Gasket-Carburetor
16	127-9079	1	Primer Kit
17	127-9395	1	Internal Carb Service Kit
99	133-9937	1	High Altitude Kit ●

● Not illustrated

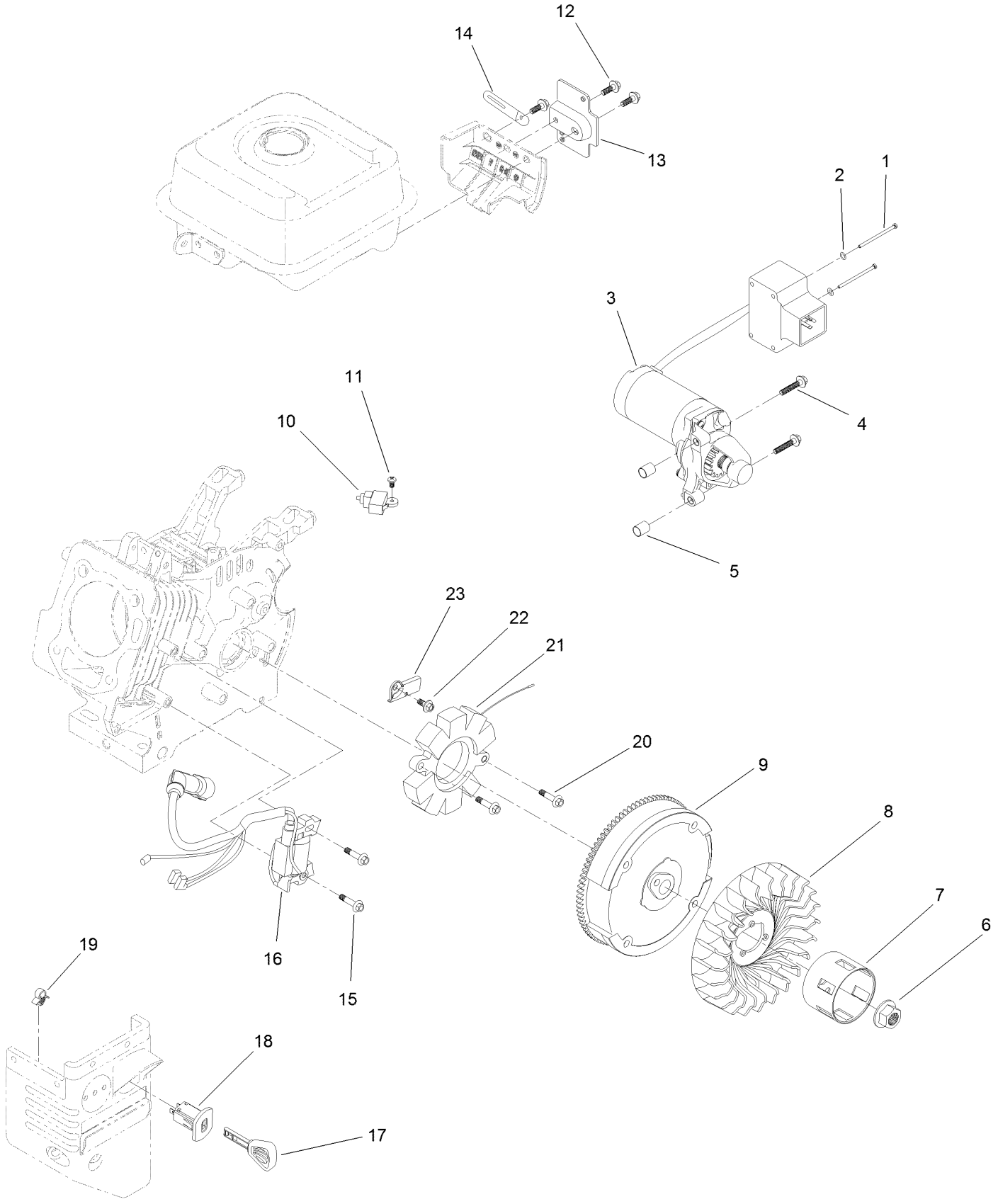
Intake and Exhaust Assembly



Intake and Exhaust Assembly (continued)

Ref.	Part Number	Qty.	Description
1	121-0294	6	Screw-HHF
2	127-9491	1	Muffler Cover ASM
3	121-0199	2	Nut-HH
4	127-9490	1	Muffler ASM
5	133-1539	1	Gasket-Exhaust
6	121-0464	2	Stud-Exhaust
7	121-4112	2	Stud-Intake
8	127-9112	1	Box-Heater
9	121-0308	2	Nut-Flange

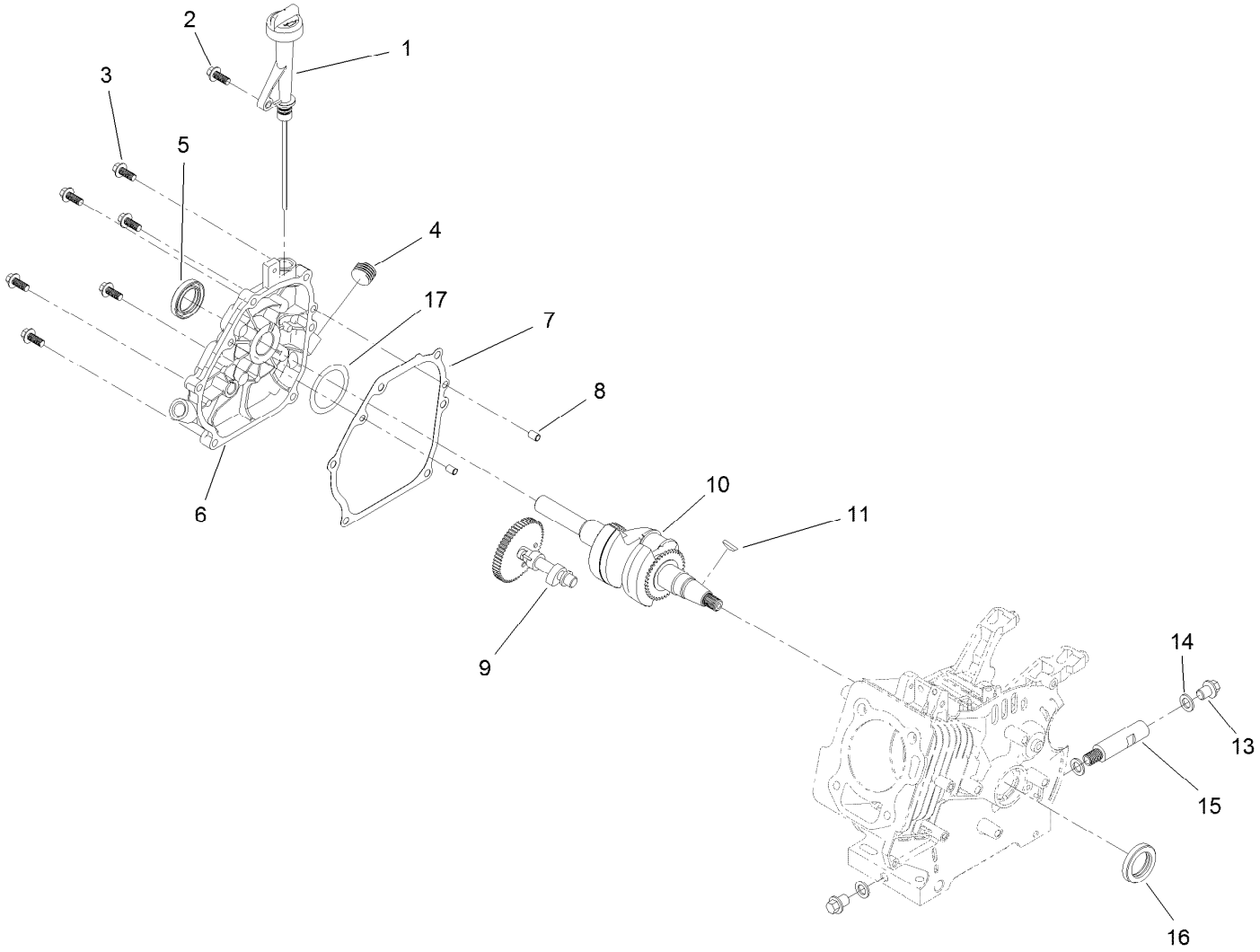
Ignition and Electrical Assembly



Ignition and Electrical Assembly (continued)

Ref.	Part Number	Qty.	Description
1	121-0306	2	Screw-Bhp
2	121-0312	2	Washer-Plain
3	144-0988	1	Motor-Starter
4	133-1546	2	Screw-Flange
5	121-0055	2	Pin-Dowel
6	121-0047	1	Nut-Flange
7	133-1527	1	Cup-Starter
8	133-1526	1	Fan-Cooling
9	127-9484	1	Flywheel ASM
10	121-0284	1	Switch-Kill, Engine
11	120-4461	1	Screw-PPH
12	127-9123	3	Screw-HHF
13	133-1554	1	Bracket-Switchbox, Starter
14	121-0017	1	Clip-Harness, Wire
15	121-0097	2	Screw-HHF
16	133-9996	1	Ignition Coil ASM
17	117-7728	1	Key
18	121-0283	1	Switch-Key
19	121-0326	1	Clip
20	121-0196	2	Screw-HHF
21	127-9485	1	Alternator
22	121-0116	1	Screw-HHF
23	127-9486	1	Clamp-Wire, Charge

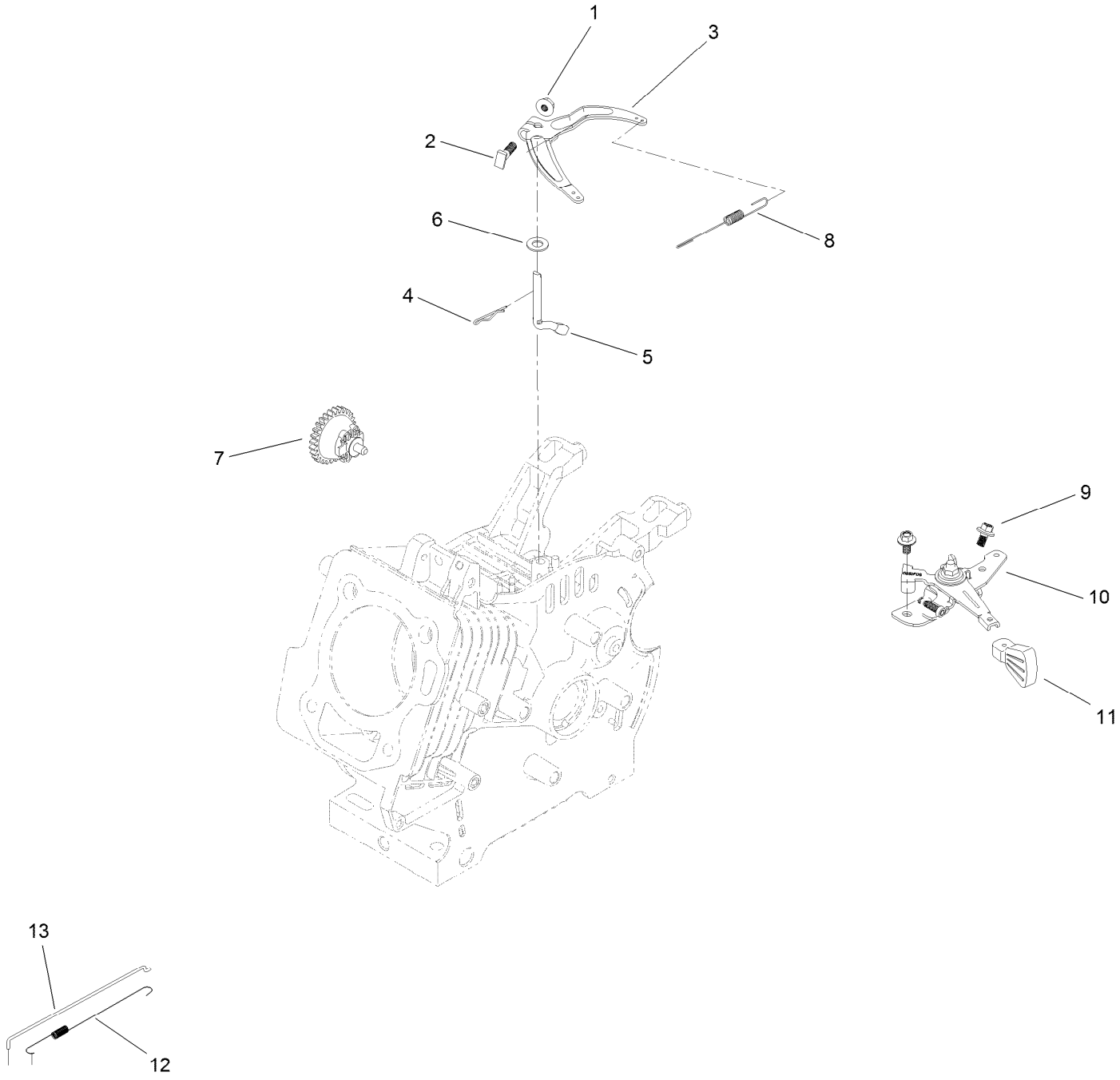
Crankcase Assembly



Crankcase Assembly (continued)

Ref.	Part Number	Qty.	Description
1	139-0734	1	Oil Fill ASM
2	127-9123	1	Screw-HHF
3	121-4114	6	Screw-HHF
4	133-9805	1	Plug-Drain
5	133-1516	1	Seal-Oil
6	133-9865	1	Cover-Crankcase
7	127-9493	1	Gasket-Cover, Crankcase
8	121-0054	2	Pin-Dowel
9	133-9991	1	Camshaft ASM
10	127-9495	1	Crankshaft
11	120-4320	1	Key-Woodruff
13	121-0030	2	Screw-HHF
14	121-0048	3	Washer-Plain
15	127-9104	1	Tube-Drain, Oil
16	133-9864	1	Seal-Oil
17	133-9863	1	Washer-Thrust

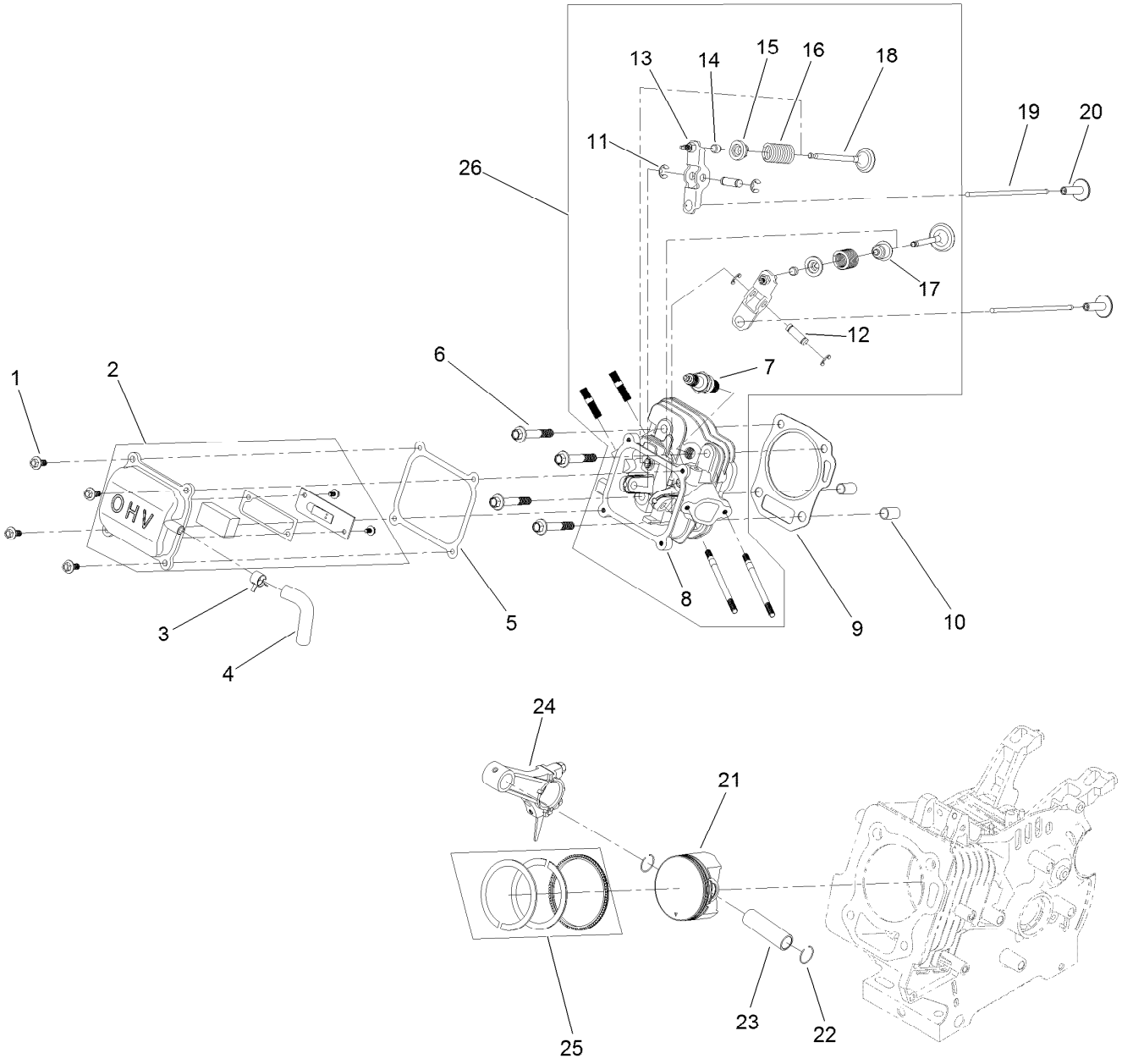
Governor Assembly



Governor Assembly (continued)

Ref.	Part Number	Qty.	Description
1	120-4236	1	Nut-Flange
2	120-4238	1	Bolt-Arm, Governor
3	127-9482	1	Arm-Governor
4	120-4256	1	Pin-Hair
5	133-9995	1	Shaft-Governor
6	121-0498	1	Washer-Plain
7	133-9994	1	Governor Gear ASM
8	127-9483	1	Spring-Governor
9	121-0116	2	Screw-HHF
10	133-1555	1	Throttle Control ASM
11	121-0269	1	Knob-Control, Throttle
12	133-1536	1	Spring-Return, Throttle
13	133-1535	1	Rod-Governor

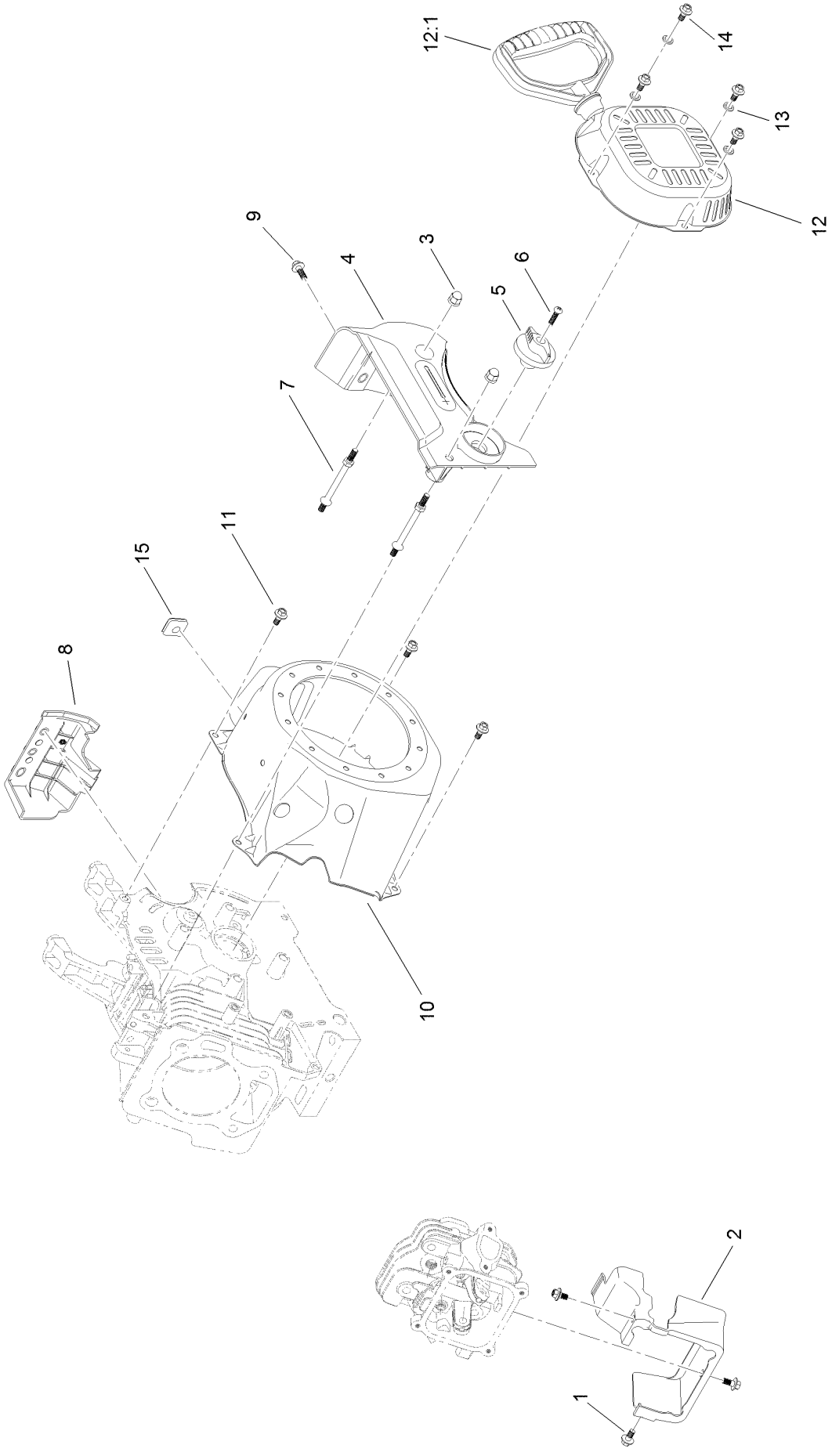
Piston and Head Assembly



Piston and Head Assembly (continued)

Ref.	Part Number	Qty.	Description
1	120-4454	4	Screw-HHF
2	133-1500	1	Valve Cover ASM
3	133-1558	1	Clamp-Hose
4	133-9990	1	Tube-Breather
5	133-1507	1	Gasket-Cover, Valve
6	133-1508	4	Screw-Flange
7	81-3250	1	Spark Plug
8	133-1509	1	Head-Cylinder
9	133-1510	1	Gasket-Head
10	120-4200	2	Pin-Dowel
11	133-1511	4	E-Clip
12	133-1512	2	Pin-Arm, Rocker
13	133-1513	2	Rocker Arm ASM
14	121-4116	2	Rotator-Valve
15	121-4117	2	Retainer-Spring, Valve
16	127-9014	2	Spring-Valve
17	121-4202	1	Seal-Stem, Valve
18	133-1515	1	Set-Valve
19	133-1514	2	Rod-Push
20	127-9015	2	Tappet-Valve
21	133-1522	1	Piston
22	121-0313	2	Clip-Pin, Piston
23	121-4128	1	Pin-Piston
24	121-4123	1	Connecting Rod ASM
25	133-1521	1	Set-Ring, Piston
26	133-9867	1	Complete Head ASM

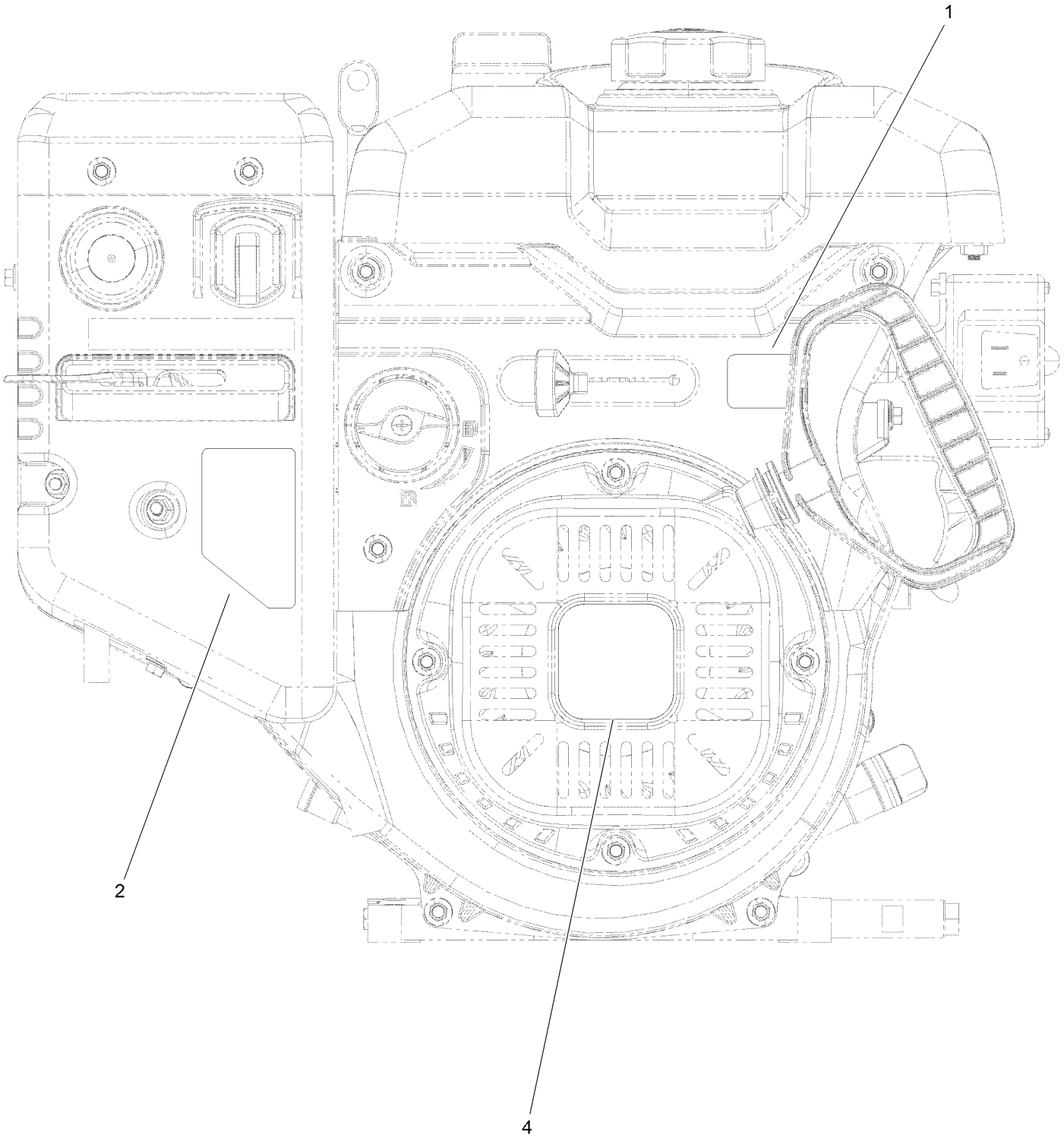
Blower Housing and Shrouds Assembly



Blower Housing and Shrouds Assembly (continued)

Ref.	Part Number	Qty.	Description
1	121-0116	3	Screw-HHF
2	133-1530	1	Shroud-Head
3	127-9383	2	Nut-Acorn
4	133-1557	1	Panel-Control, Front
5	121-0268	1	Knob-Valve, Fuel
6	121-0305	1	Screw-Bhp
7	127-9110	2	Stud-Mount
8	133-1543	1	Panel-Side, Engine
9	127-9123	1	Screw-HHF
10	133-1528	1	Shroud-Flywheel
11	121-0294	3	Screw-HHF
12	127-9487	1	Recoil ASM
12:1	121-0287	1	Handle-Recoil
13	127-9380	4	Washer-Plain
14	127-9031	4	Screw-HHF
15	133-1548	1	Grommet-Rubber

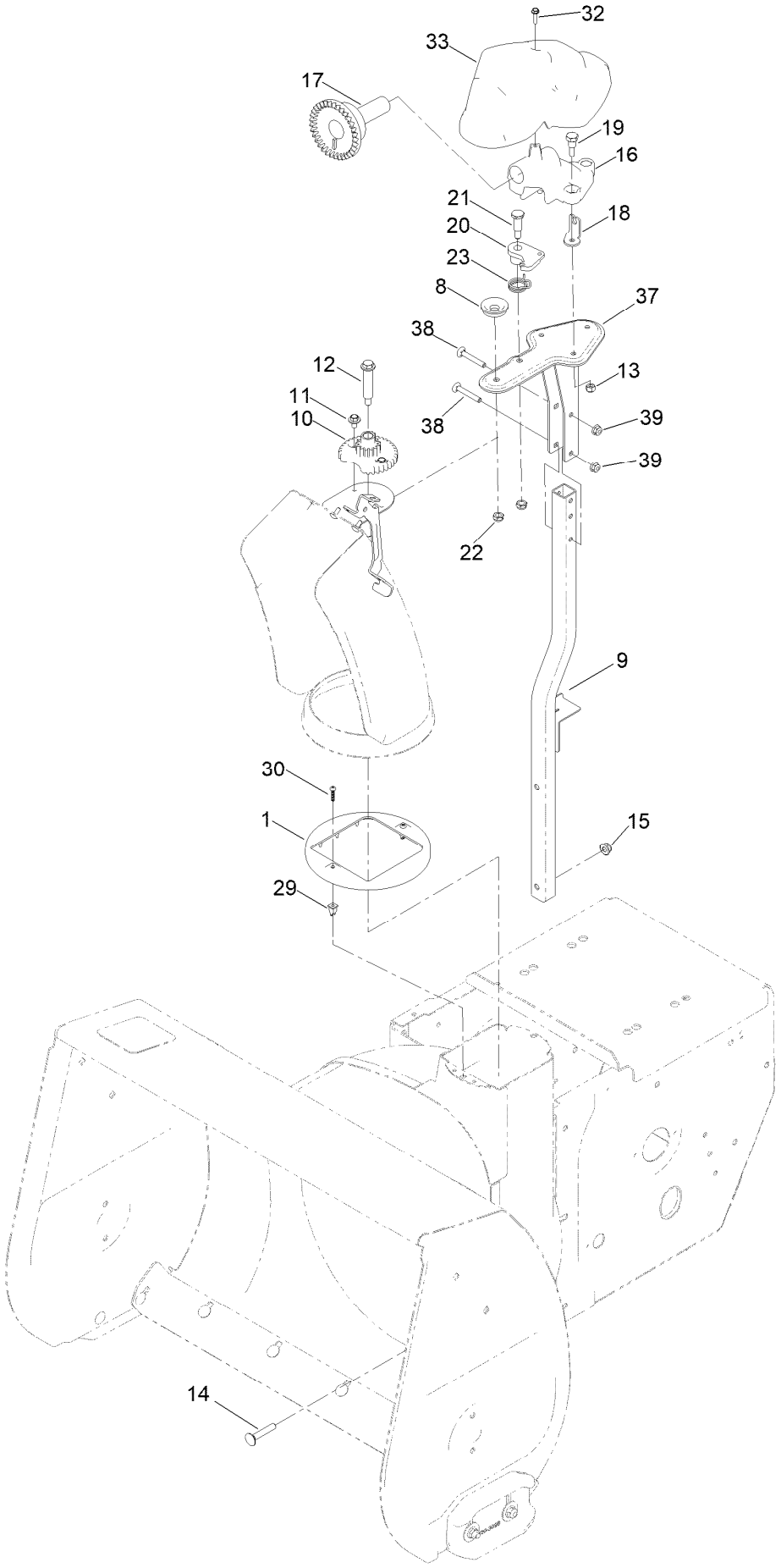
Engine Decal Assembly



Engine Decal Assembly (continued)

Ref.	*Part Number*	*Qty.*	*Description*
1	131-6487	1	Decal-Throttle
2	120-9805	1	Decal-Control, Engine
4	131-5912	1	Decal-Recoil, G250

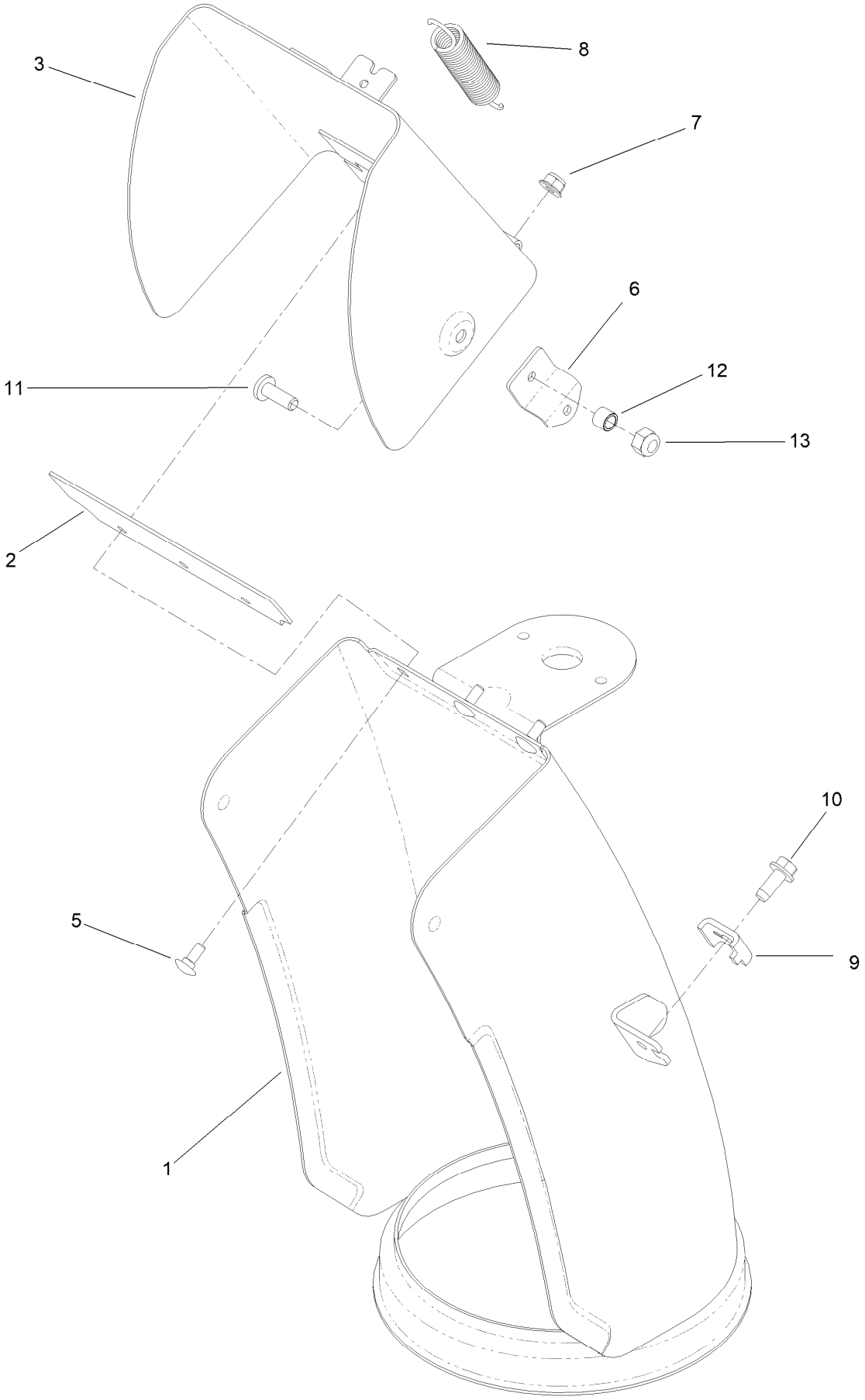
Chute Assembly



Chute Assembly (continued)

Ref.	Part Number	Qty.	Description
1	136-6515	1	Guide-Chute
8	106-4422	1	Spacer-Chute
9	144-1647-03	1	Support-Chute Weld ASM, Lower
10	106-4472	1	Gear-Chute
11	46-6810	2	Screw And Washer ASM
12	136-7199	1	Bolt-Shoulder
13	137-3088	3	Nut-Hex
14	137-3063	2	Bolt-Car
15	119-4041	2	Nut-HF
16	136-6517	1	Mount-Gear, Face
17	106-4471	1	Gear-Face
18	136-6676	1	Anchor-Cable
19	136-7197	3	Screw-Shoulder
20	136-6525	1	Latch-Chute
21	137-3103	1	Screw-Shoulder, HH
22	137-3089	2	Nut-Hex
23	108-7315	1	Spring-Torsion
29	136-6586	2	Grommet-Screw
30	94-4496	2	Screw-PPH
32	137-3110	1	Screw-Plastite, HWH
33	136-6672	1	Cover-Gear, Face
37	145-0691-03	1	Support-Chute Weld ASM, Upper
38	120-9698	2	Bolt-CARR
39	119-4040	2	Nut-HF, NI

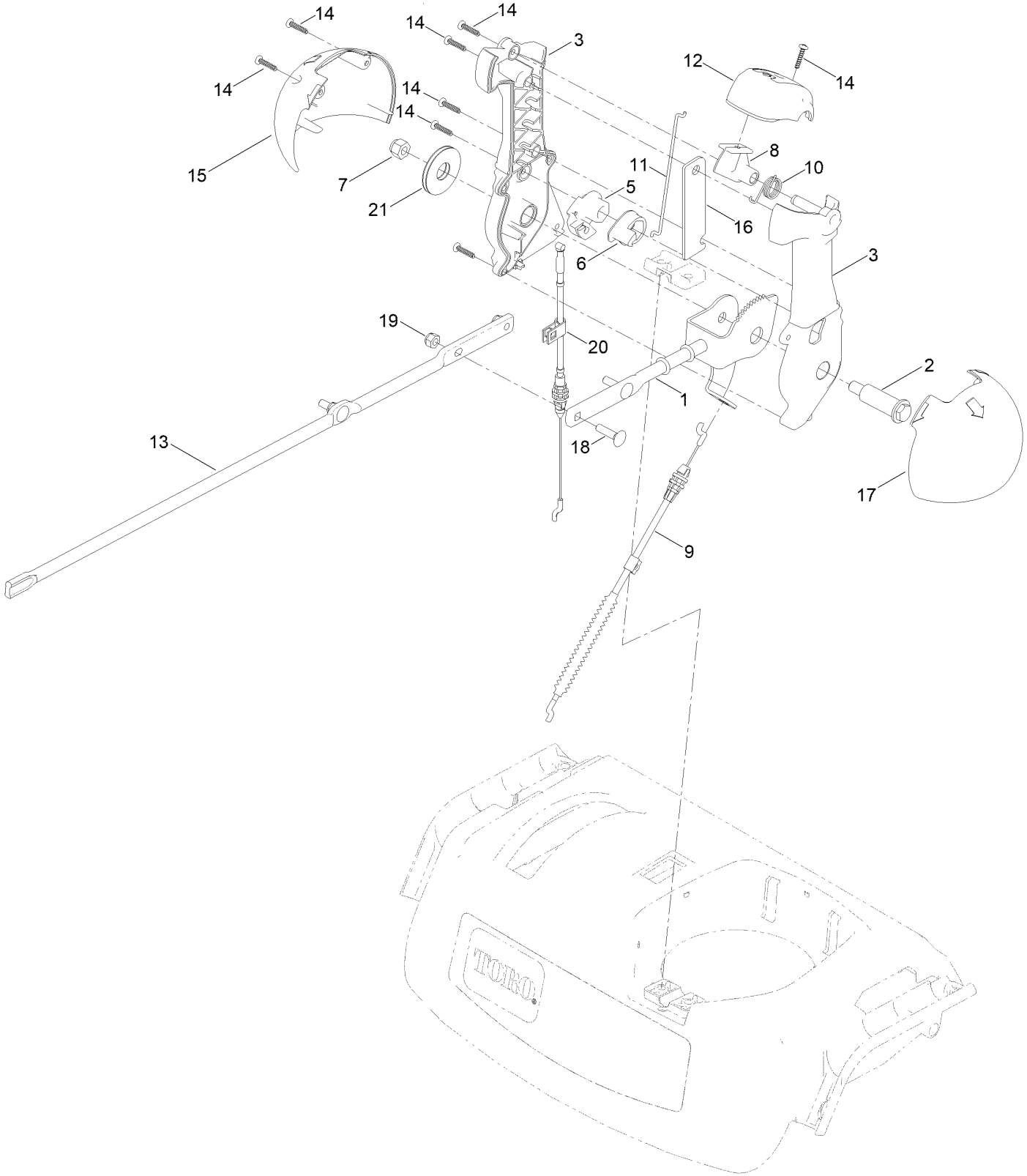
Lower Chute Assembly



Lower Chute Assembly (continued)

Ref.	Part Number	Qty.	Description
1	144-1246-01	1	Chute-Lower ASM [red]
2	138-3671	1	Gasket-Deflector
3	138-3615-01	1	Deflector
5	135-1929	3	Bolt-CARR
6	138-3612-01	1	Bracket-Spring
7	138-0719	3	Nut-HF
8	138-8493	1	Spring-Chute, Upper
9	136-7191	1	Clamp-Cable
10	32144-85	1	Screw-HWH Thd Form
11	138-0689	1	Screw-PH
12	138-3678	1	Spacer
13	137-3094	1	Nut-Hex

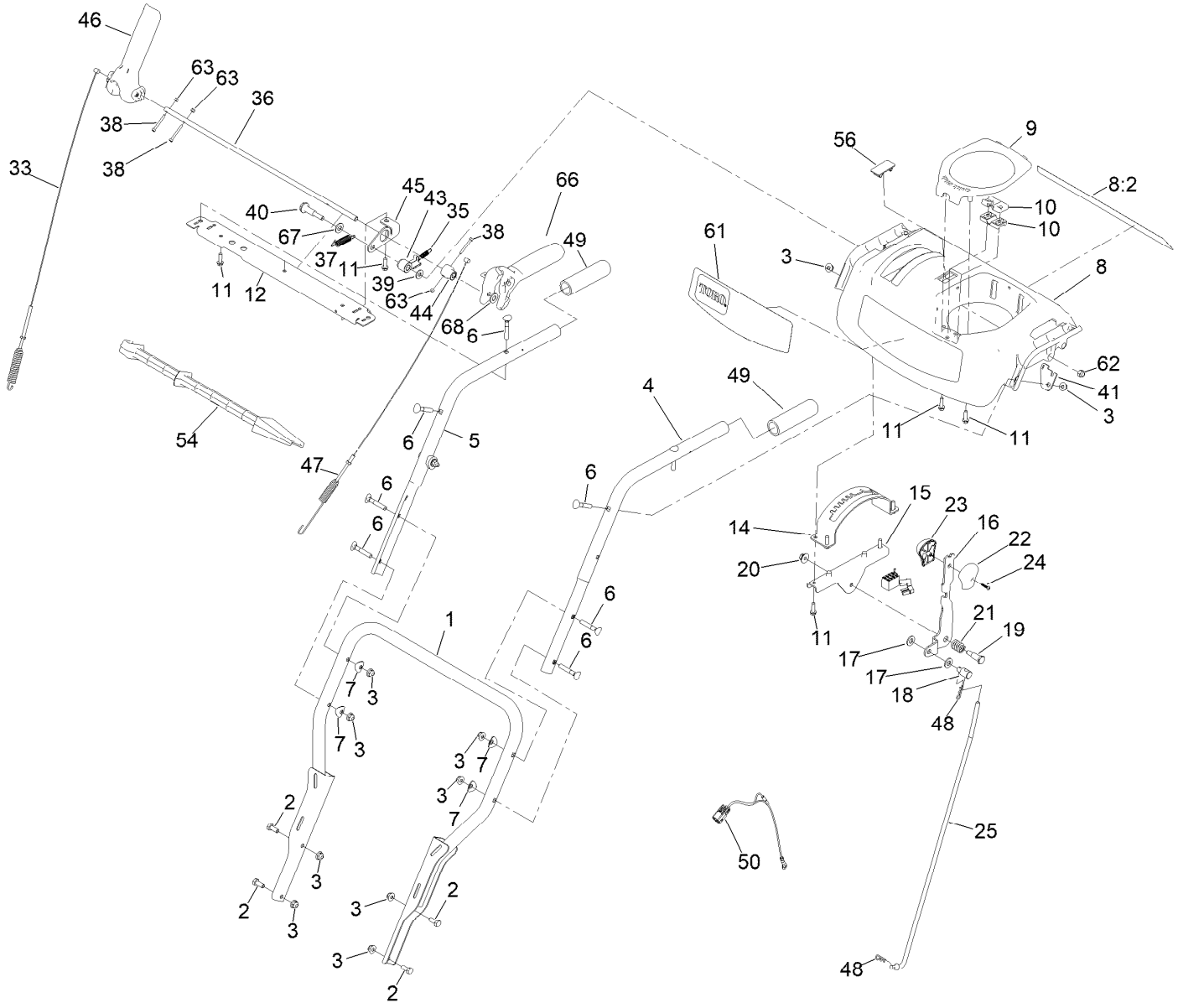
Chute Control Assembly



Chute Control Assembly (continued)

Ref.	Part Number	Qty.	Description
1	138-0662	1	Rod-Control, Chute
2	138-0659	1	Screw-Shoulder, HWH
3	139-1552	1	Chute Control Lever ASM
5	105-9988	1	Lever-Cable, Deflector
6	106-7310	1	Pawl-Latch
7	137-3087	1	Nut-Hex
8	137-6238	1	Trigger-Latch
9	144-1227	1	Cable-Deflector
10	105-9982	1	Spring-Torsion
11	138-0688	1	Link-Latch
12	137-6239	1	Cap-Lever
13	136-6578	1	Rod-Chute, Rotation
14	94-4496	8	Screw-PPH
15	136-6677	1	Globe-Quickstick, RH
16	136-6632-03	1	Plate-Stiffner
17	136-6678	1	Globe-Quickstick, LH
18	137-3056	3	Bolt-CARR
19	137-3094	3	Nut-Hex
20	139-9903	1	Cable-Release, Chute
21	138-0744	1	Washer-Friction, Composite

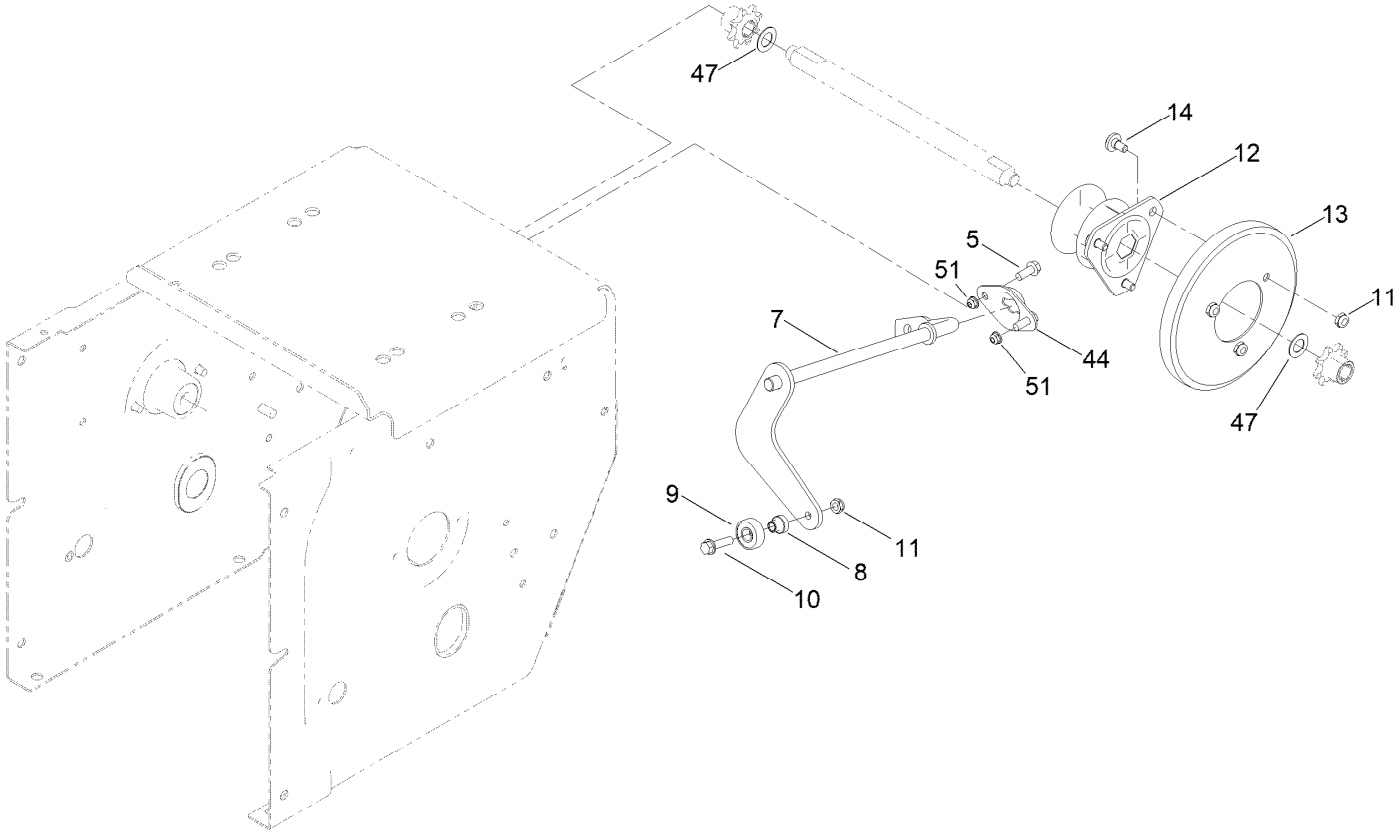
Traction Control Assembly



Traction Control Assembly (continued)

Ref.	Part Number	Qty.	Description
1	136-6682-03	1	Lower Handle ASM
2	137-3052	4	Screw-HH
3	138-8401	12	Nut-HF
4	137-6206-03	1	Handle-Upper, LH
5	137-6207-03	1	Handle-Upper, RH
6	137-3107	8	Screw-Handle
7	137-3009	4	Washer-Cup
8	145-0665	1	Control Panel Assembly
8:2	137-6249	1	Decal-Safety
9	137-6178	1	Cover-Quickstick
10	105-9987	2	Support-Rod
11	137-3099	8	Screw-Plastite, HWH
12	145-4075-01	1	Brace-Console
14	137-6187-03	1	Gate-Shift
15	137-6188-03	1	Bracket-Shift
16	137-6231-03	1	Selector-Speed
17	115-1166	2	Washer-Plain
18	136-7193	1	Trunnion-Rod
19	137-3103	1	Screw-Shoulder, HH
20	137-3038	1	Nut-HF
21	136-7121	1	Spring-Compression
22	105-9999	1	Knob-Shift, LH
23	106-4423	1	Knob-Shift, RH
24	94-4496	1	Screw-PPH
25	137-6225	1	Rod-Shift
33	161-0973	1	Cable-Auger
35	136-7161	1	Spring-Lockout, Handle
36	144-1343	1	Rod-Lockout
37	136-7162	1	Spring-Return, Lever
38	145-0660	3	Screw-HSH,Spl
39	98-3499	1	Washer-Flat
40	145-0687	1	Screw-Shoulder
41	144-1345	1	Plate-Spring
43	144-1342	1	Latch, Lockout
44	144-1341	1	Cam-Lockout
45	145-0744	1	Link-Lockout
46	137-6171	1	Lever-Control
47	161-0976	1	Cable-Traction
48	137-3083	2	Pin-Hair
49	120-1333	2	Grip-Handle
50	138-3645	1	Harness-Wire, LED
54	110-3408	1	Stick-Cleanout
56	99-7420	1	Plug-Hole
61	144-0308	1	Decal-Console
62	137-3093	1	Nut-Hex
63	140-3749	3	Nut-Lock Rohs
66	144-1347	1	Lever-Control
67	3256-25	1	Washer-Flat
68	115-1166	1	Washer-Plain

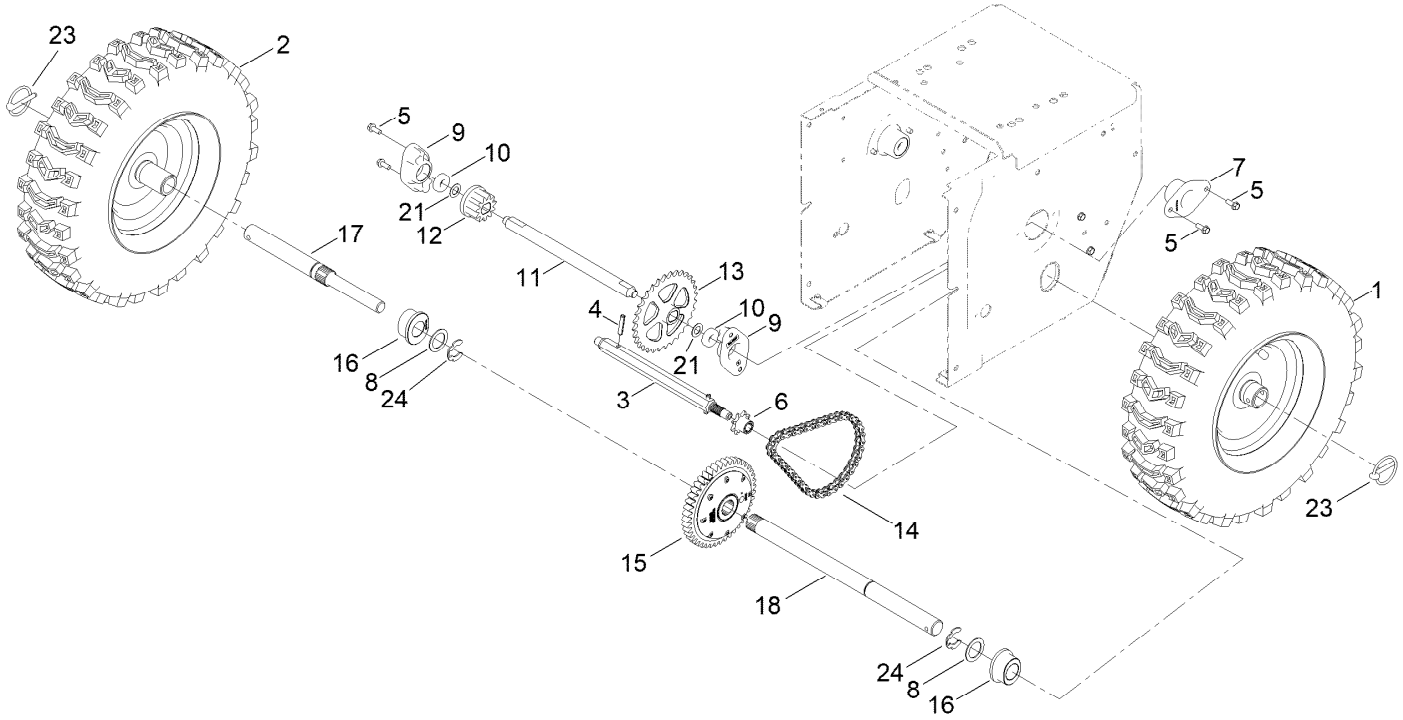
Traction Drive Assembly



Traction Drive Assembly (continued)

Ref.	Part Number	Qty.	Description
5	32144-85	4	Screw-HWH Thd Form
7	137-6162-03	1	Rod-Shift
8	119-7684	1	Spacer-Plate, Shift
9	121-6835	1	Bearing-Ball
10	32144-86	1	Screw-HWHTF
11	137-3091	4	Nut-Hex
12	119-7630	1	Trunnion
13	119-1567	1	Wheel-Friction
14	137-6246	3	Screw-Shoulder
44	136-6647-03	1	Retainer-Rod, Shift
47	36-4780	2	Washer-Plain
51	137-3005	2	Nut-HF

Autoturn Drive Assembly



Autoturn Drive Assembly (continued)

Ref.	Part Number	Qty.	Description
1	136-6668	1	LH Wheel And Tire ASM
2	136-6667	1	RH Wheel And Tire ASM
3	138-0745	1	Shaft-Hex
4	32121-9	2	Pin-Roll, Slotted
5	32144-85	8	Screw-HWH Thd Form
6	125-1134	1	Gear-Pinion, 8 Tooth
7	108-7319	2	Retainer-Bearing
8	138-0725	2	Washer-Thrust
9	136-6697	2	Retainer-Bearing, Intermediate
10	52-2450	2	Bearing-Wheel
11	136-6692	1	Shaft-Intermediate
12	136-6699	1	Tooth-Gear, 11
13	136-6698	1	Sprocket-32T
14	108-0016	1	Chain-Roller
15	140-3748	1	Transmission-Gt, Di300
16	136-6641	2	Bushing-Axle
17	140-3711	1	Axle-Rt, HD
18	140-3736	1	Axle -Lt, HD
21	36-4780	2	Washer-Plain
23	138-3642	2	Pin-Klik
24	32151-91	2	Ring-Retaining

Attachments and Accessories

For 38838 — Power Max Heavy Duty 828 OAE Snowthrower

Product Name	Model/Part
Heavy-Duty Skid Kit	125-1104
Snow Cab Kit	127-5960
Kit Red Heated Grips	144-1603
Non-Marking Skid Kit	38211
Drift Breaker Kit	38213
Tire Chain Kit, 16in Tires	38215
Toro Snow Oil 0W30 Synthetic 20-Ounce Bottle	38913
Power Max HD Covers (2019)	490-7415

Notes:



Count on it.