Form No. 3415-666 Rev C

TORO®

Count on it.

Parts Catalog

Power Max® Heavy Duty 1028 OHXE

Snowthrower

Model No. 38802—Serial No. 402082000 and Up

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

3415-666 C

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.

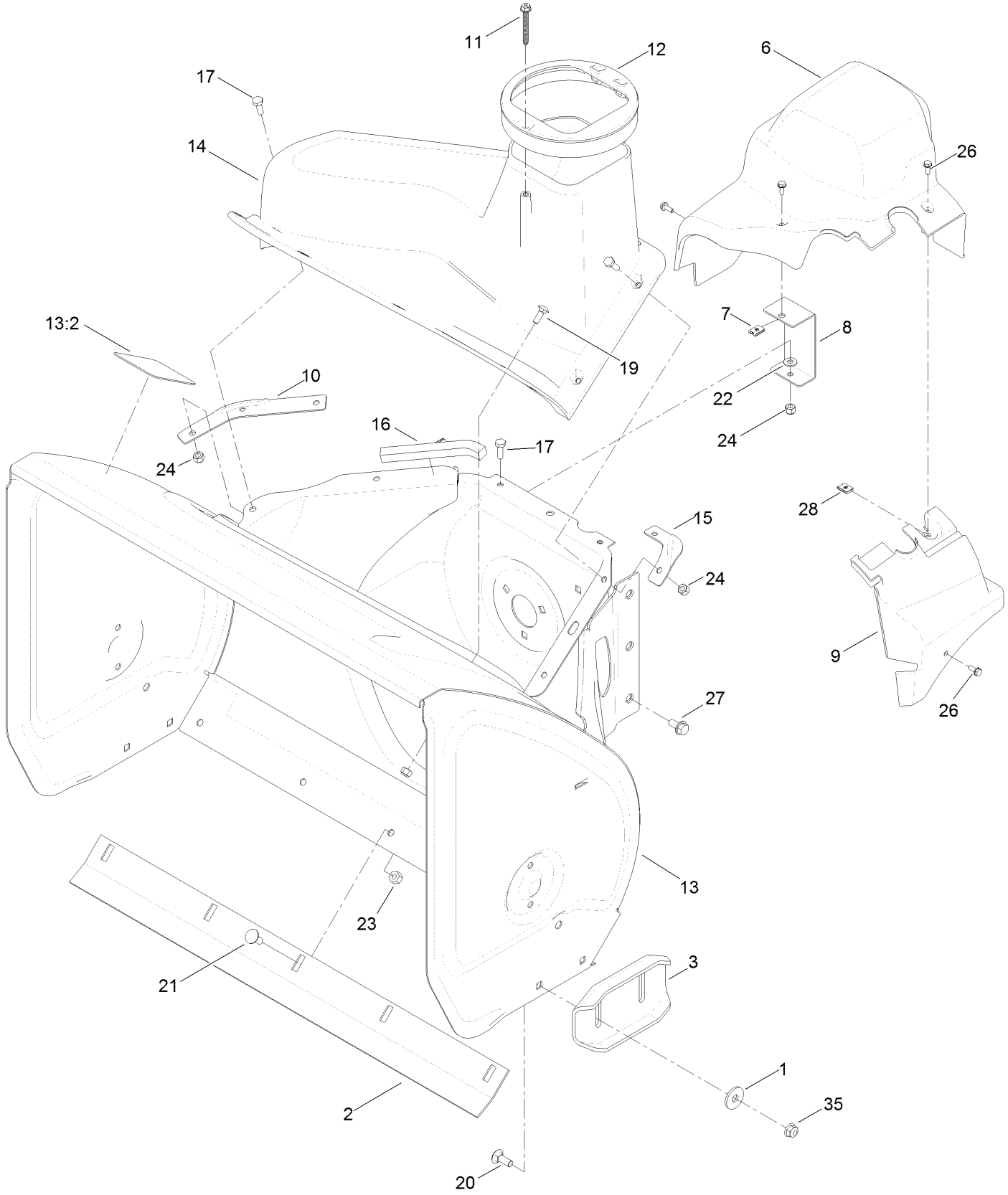
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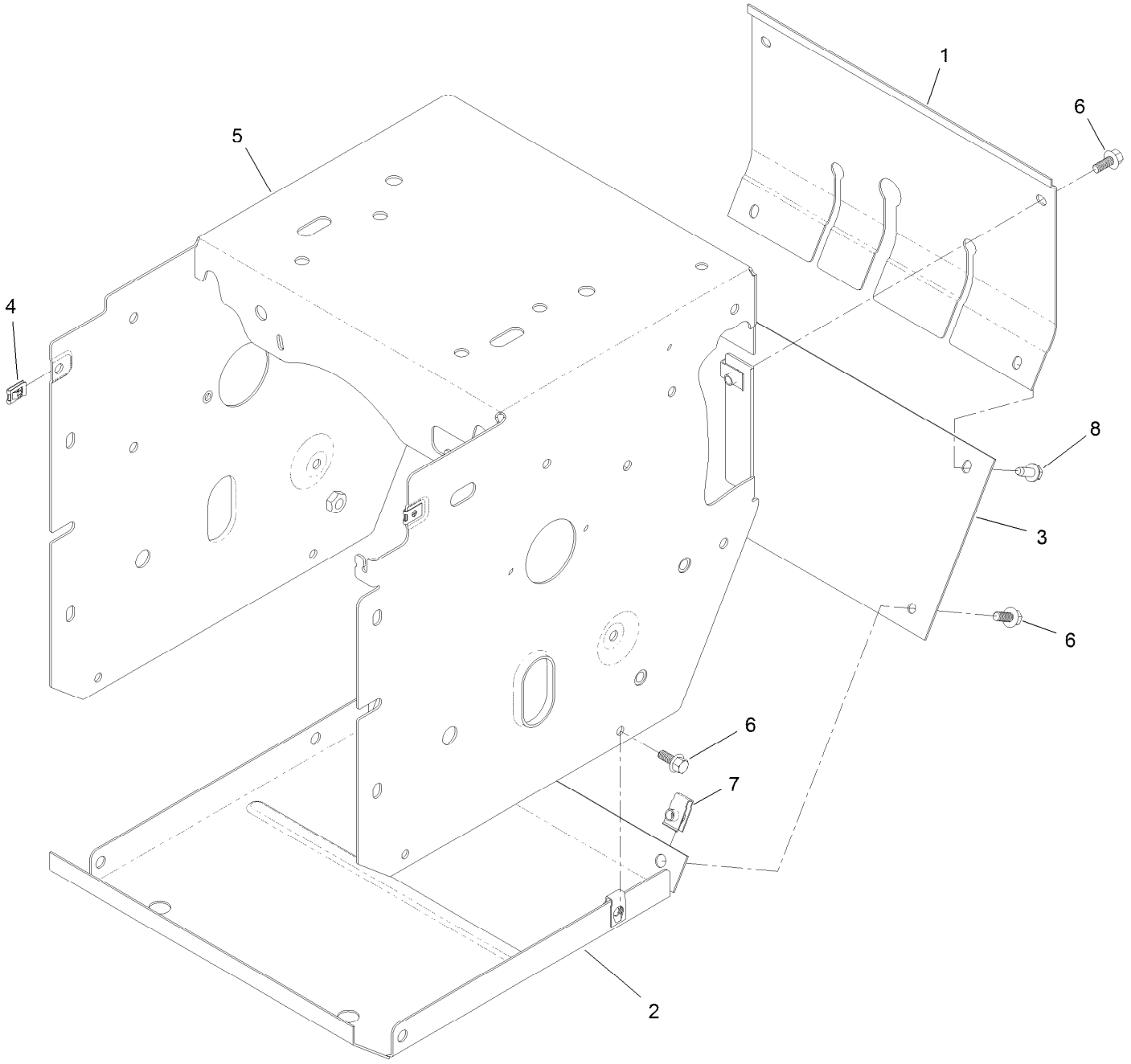
Main Frame Assembly



Main Frame Assembly (continued)

Ref.	Part Number	Qty.	Description
1	52-2861	4	Washer
2	106-4573-01	1	Scraper-Fixed
3	106-4588-01	2	Skid
6	119-1563	1	Cover-Belt
7	107-1013	1	Nut-Speed
8	107-1014-03	1	Bracket-Cover, Clip Nut
9	107-1016	1	Cover-Extension, Belt
10	107-1017-03	1	Seal-Flange, Cover
11	114-3751	1	Screw-HWH, Plastite
12	107-3006	1	Guide-Chute
13	107-3824	1	Housing-Auger, 28 Inch
13:2	107-3040	1	Decal-Danger
14	108-0017	1	Cover
15	108-0039-03	1	Seal
16	120-0124	1	Seal-Housing
17	321-4	7	Screw-HH
19	3229-1	4	Bolt-CARR
20	3230-16	4	Screw-CARR
21	3230-23	5	Screw-CARR
22	3256-22	1	Washer-Flat
23	3296-29	5	Nut-Lock, NI
24	3296-42	11	Nut-Lock, NI
26	32144-112	4	Screw-HWH
27	32144-14	6	Screw-HWHTF
28	701493	1	Nut-Speed
35	104-8300	4	Nut-HF, NI

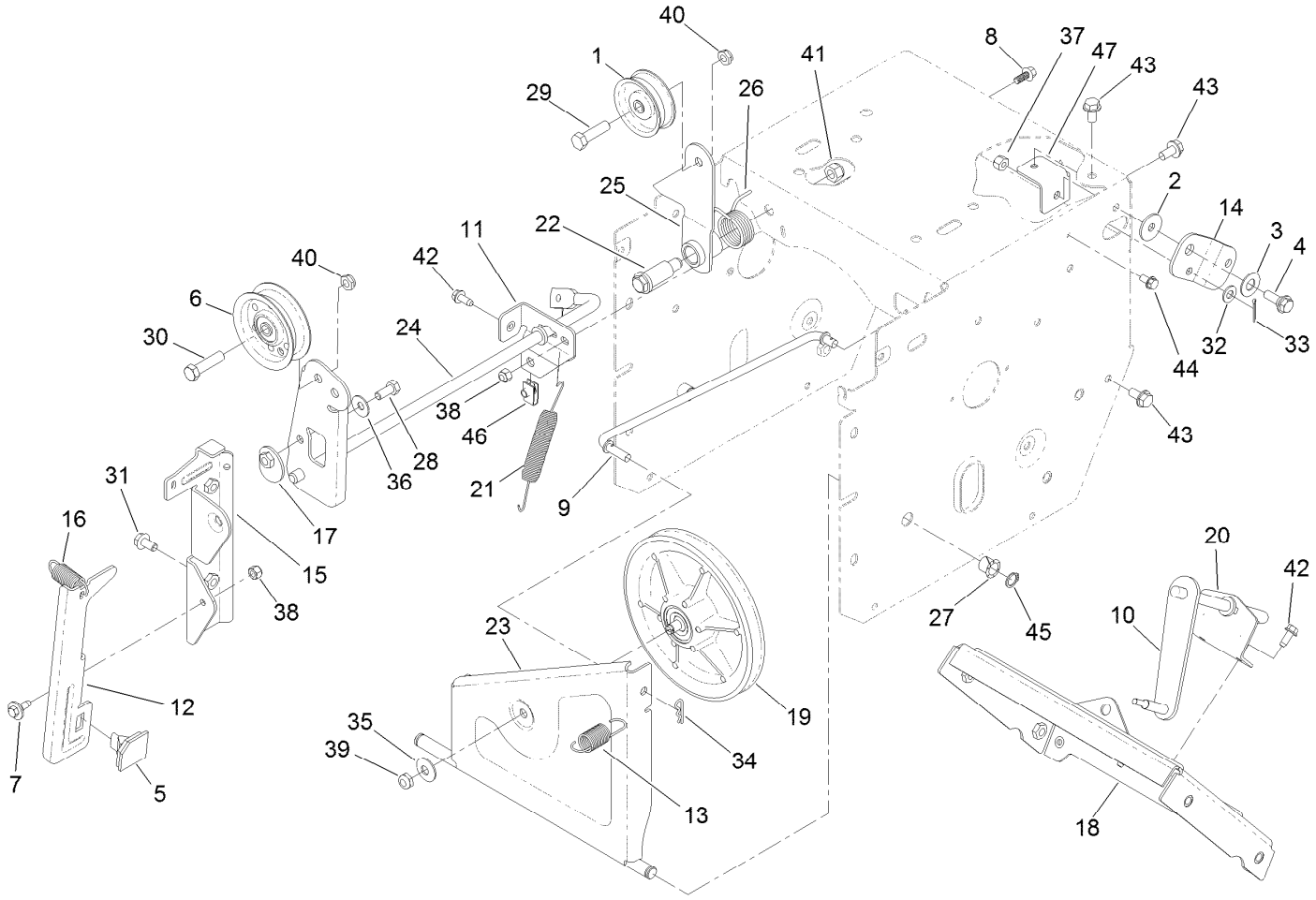
Frame Assembly



Frame Assembly (continued)

Ref.	Part Number	Qty.	Description
1	108-0022-01	1	Cover-Upper
2	106-7330-01	1	Pan-Bottom
3	106-7345-01	1	Cover-Lower
4	107-1013	2	Nut-Speed
5	120-9832-01	1	Frame-Traction
6	99-6810	8	Screw-HHF
7	107069	7	Clip
8	32144-10	2	Screw-HWH

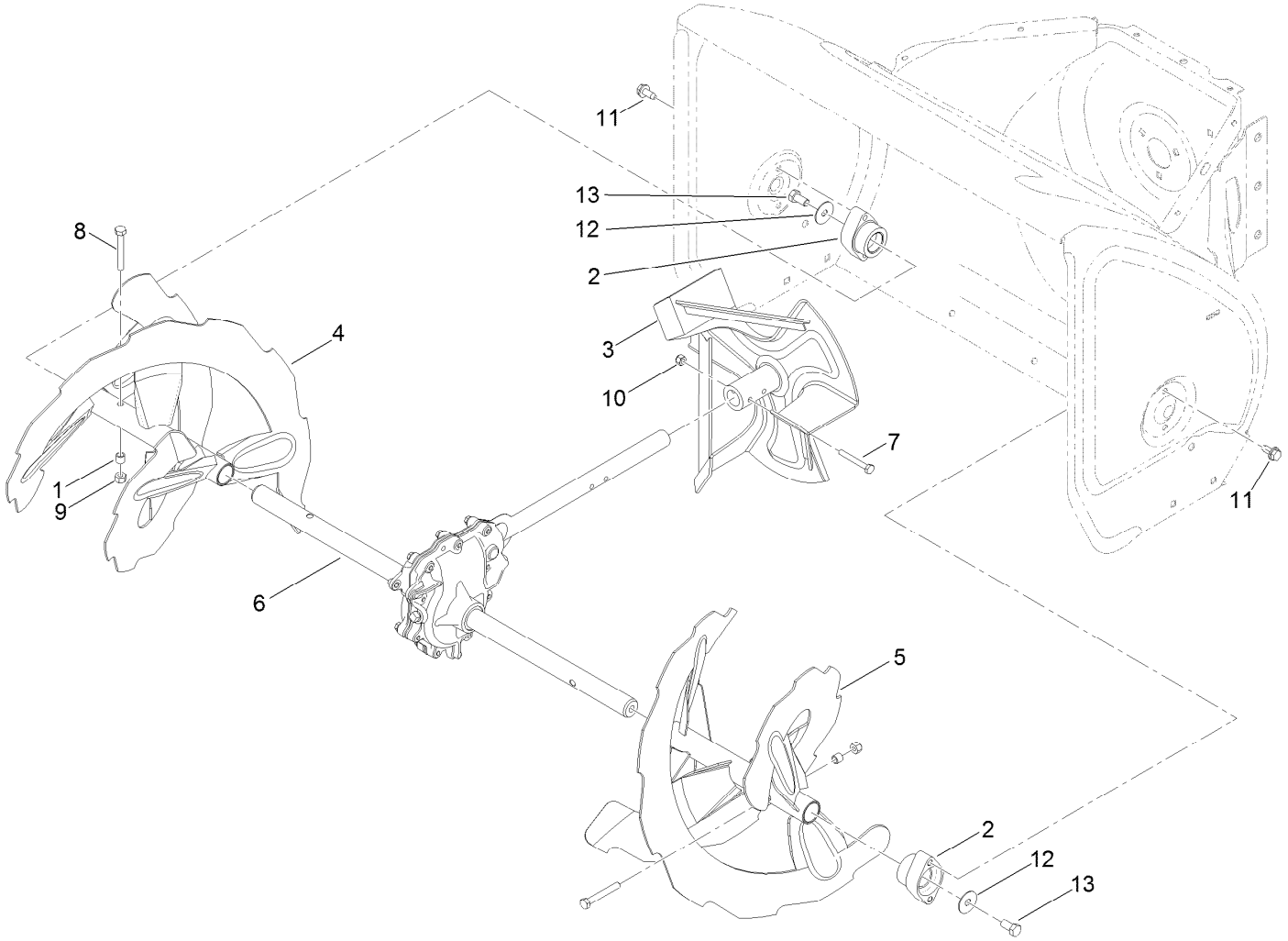
Idler and Linkage Assembly



Idler and Linkage Assembly (continued)

Ref.	Part Number	Qty.	Description
1	3-4244	1	Pulley-Idler
2	5-4460	1	Washer-Pivot
3	25-5640	1	Washer
4	27-0410	1	Screw-Shoulder
5	66-8060	1	Pad-Brake
6	92-7104	1	Pulley-Idler
7	92-9698	1	Screw-Shoulder
8	99-6810	1	Screw-HHF
9	136-7101	1	Link-Speed, Control
10	136-7106	1	Traction Lever ASM
11	136-7181	1	Bracket-Impeller, Clutch
12	136-7108	1	Arm-Brake
13	107-1003	1	Spring-Extension
14	136-7110	1	Bellcrank
15	136-7112	1	Bracket-Impeller, Idler
16	107-1045	1	Spring-Extension
17	136-7113	1	Nut Assembly
18	108-0026-01	1	Shift Plate ASM
19	136-7319	1	Pulley-Traction ASM
20	136-7114	1	Bracket-Shift, Rod
21	136-7115	1	Spring-Extension
22	136-7116	1	Bolt-Shoulder
23	136-7118	1	Bracket-Wheel, Friction
24	120-0144-03	1	Impeller Clutch ASM
25	136-7186	1	Arm-Idler, Traction
26	120-3060	1	Spring-Torsion
27	256-257	2	Bushing-Nyliner
28	322-3	1	Screw-HH
29	323-29	1	Screw-HH
30	323-8	1	Screw-HH
31	3234-7	2	Screw-HHF
32	3256-23	1	Washer-Plain
33	3272-4	1	Pin-Cotter
34	3290-307	1	Pin-Cotter
35	3290-340	1	Washer-Belleville
36	3290-456	1	Washer-Belleville
37	3296-29	1	Nut-Lock, NI
38	3296-42	2	Nut-Lock, NI
39	3296-5	1	Nut-Hex
40	3296-59	2	Nut-Lock, NI
41	3296-76	1	Nut-Lock, NI
42	32144-10	3	Screw-HWH
43	32144-14	6	Screw-HWHTF
44	32144-4	1	Screw-HWH
45	32151-61	2	Ring-Retaining
46	107069	1	Clip
47	125-1124-03	1	Bracket-Frame, LH

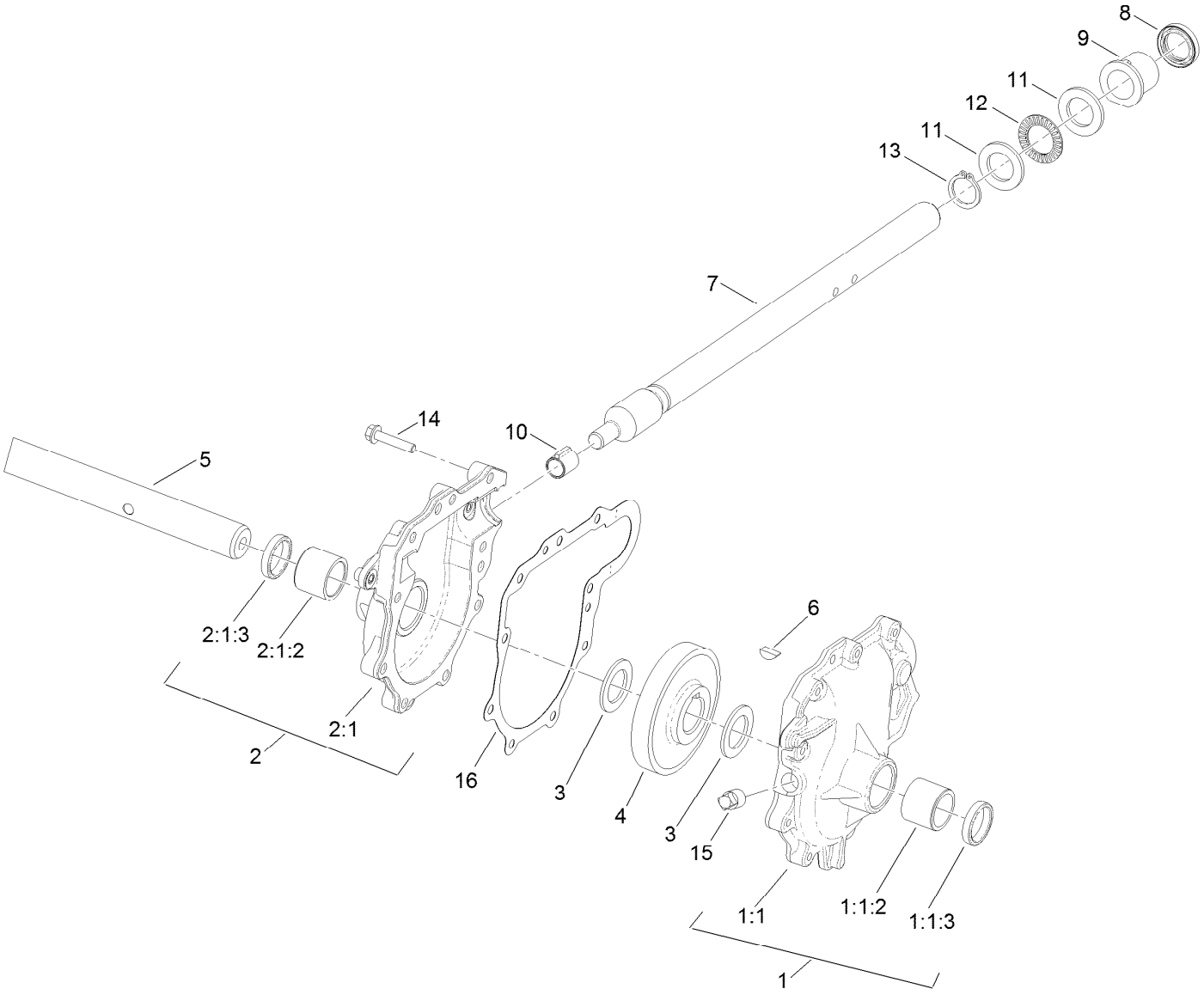
Auger and Impeller Assembly



Auger and Impeller Assembly (continued)

Ref.	Part Number	Qty.	Description
1	1-633545	2	Spacer
2	106-4570	2	Bearing-Auger
3	106-4576-03	1	Impeller ASM
4	106-7291-03	1	RH Auger ASM
5	106-7301-03	1	LH Auger ASM
6	125-7926	1	28 Inch Auger Gearcase ASM
7	321-11	2	Screw-HH
8	322-11	2	Screw-HH
9	3296-29	2	Nut-Lock, NI
10	3296-42	2	Nut-Lock, NI
11	32144-70	4	Screw-HWHTF
12	3-0750	2	Washer
13	323-4	2	Screw-HH

Gear Case Assembly No. 125-7926

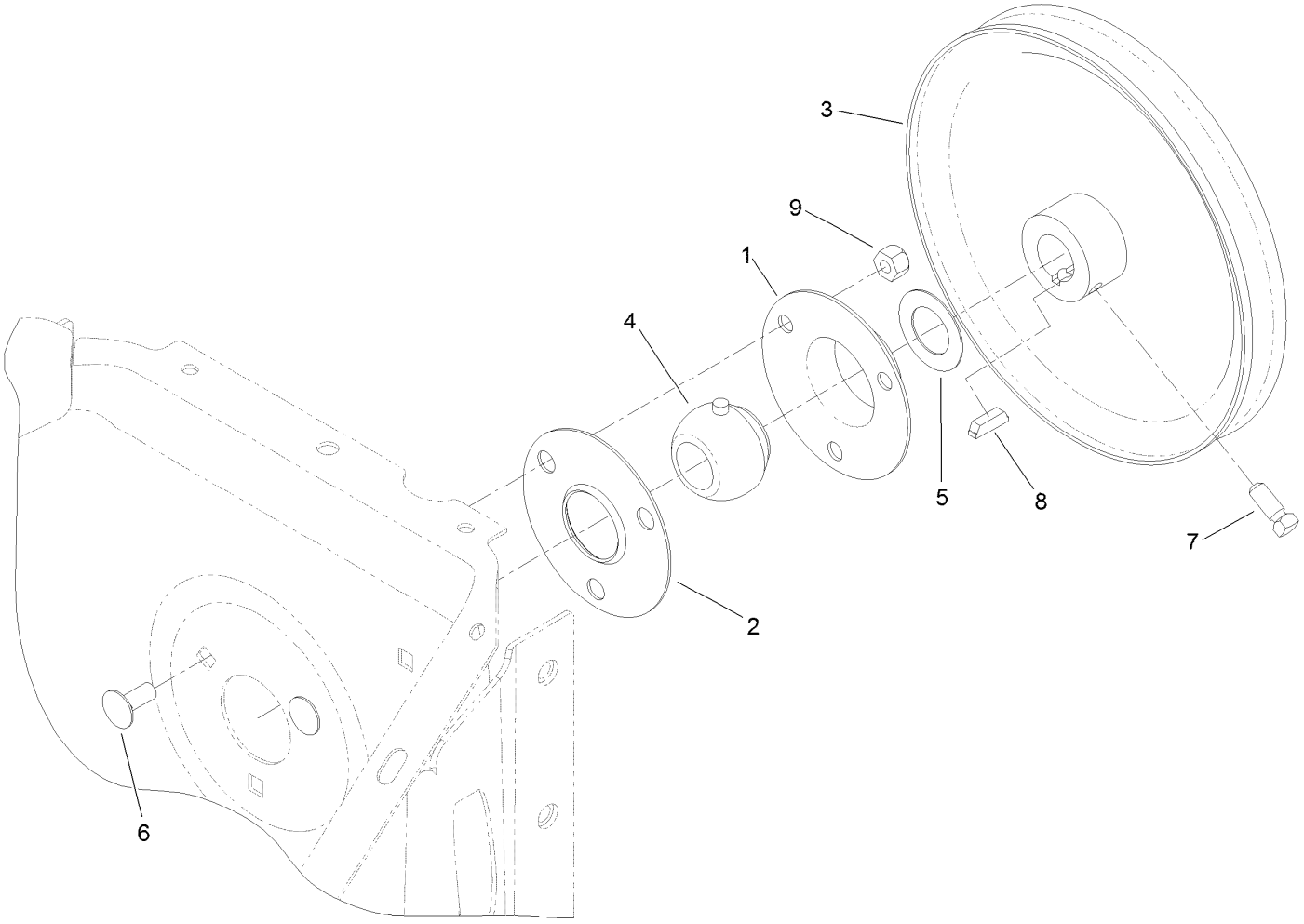


Gear Case Assembly No. 125-7926 (continued)

Ref.	Part Number	Qty.	Description
1	108-7325	1	LH Auger Gearcase ASM
1:1		1	Gearcase-Auger, LH ●
1:1:2	112-6635	1	Bushing-Sleeve
1:1:3	7-0045	1	Seal-Oil
2	108-7327	1	RH Auger Gearcase ASM
2:1		1	Gearcase-Auger, RH ●
2:1:2	112-6635	1	Bushing-Sleeve
2:1:3	7-0045	1	Seal-Oil
3	252-71	2	Washer-Thrust
4	62-0120	1	Gear-Helical
5	106-4421	1	Shaft-Auger
6	3257-10	1	Key-Woodruff
7	66-7811	1	Shaft-Impeller
8	253-149	1	Seal-Oil
9	37-6560	1	Bushing-Input
10	62-1150	1	Bushing-Worm
11	252-78	2	Washer-Thrust
12	252-76	1	Bearing-Thrust
13	32151-33	1	Ring-Retaining, EXT
14	108-4862	9	Screw-HWH Thd Roll
15	121-6832	1	Plug-Pipe, SQH
16	108-7330	1	Gasket-Gearcase, Auger

● Not serviced separately

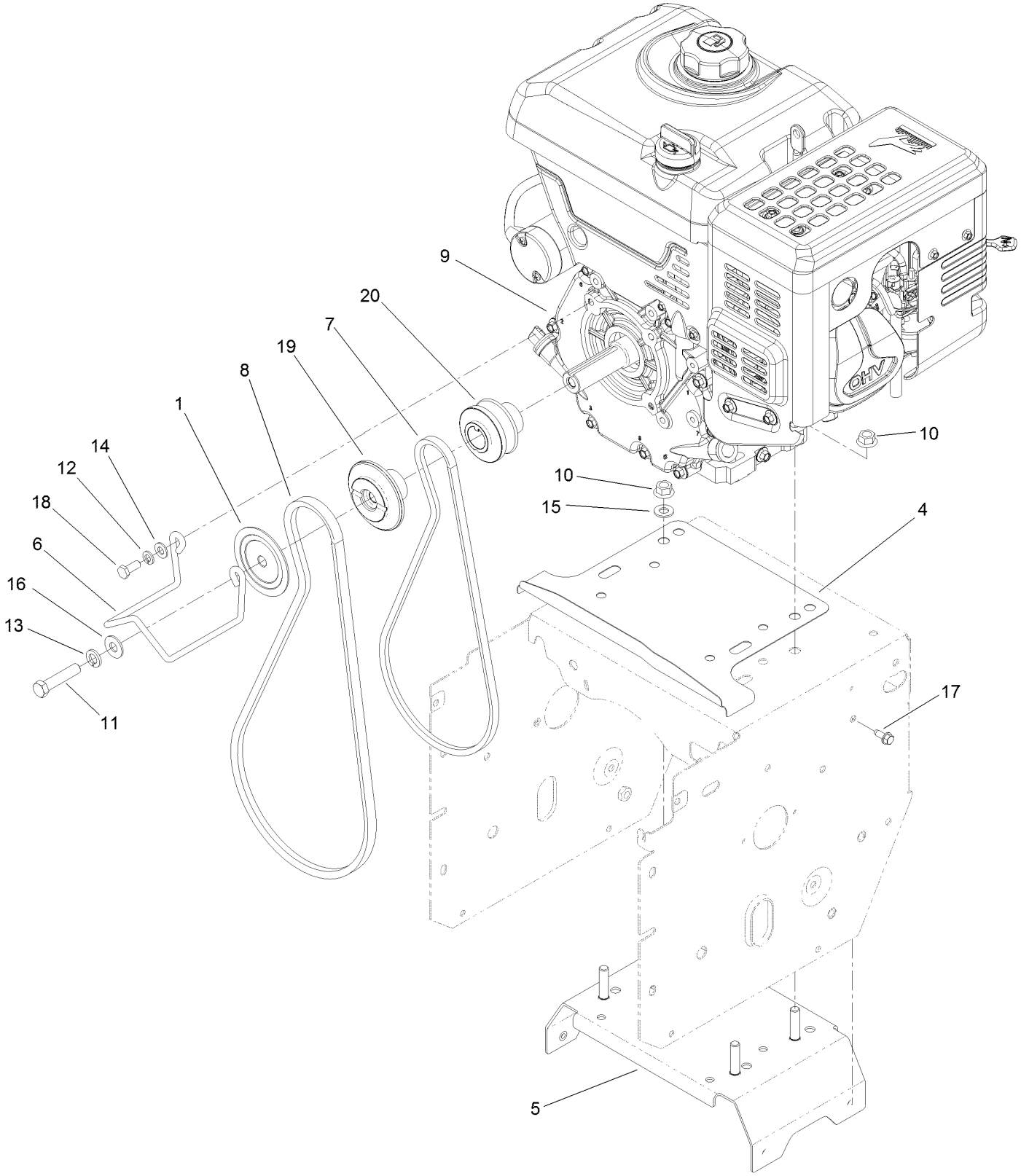
Impeller Assembly



Impeller Assembly (continued)

Ref.	Part Number	Qty.	Description
1	26-6110	1	Flange-Cup, Bearing
2	26-6120	1	Flange-Cup, Bearing
3	136-7119	1	Pulley-Impeller
4	63-3450	1	Bearing-Ball
5	110-6767	1	Washer-Thrust
6	3230-23	3	Screw-CARR
7	1-803050	2	Screw-Set
8	3257-23	1	Key-Woodruff
9	3296-29	3	Nut-Lock, NI

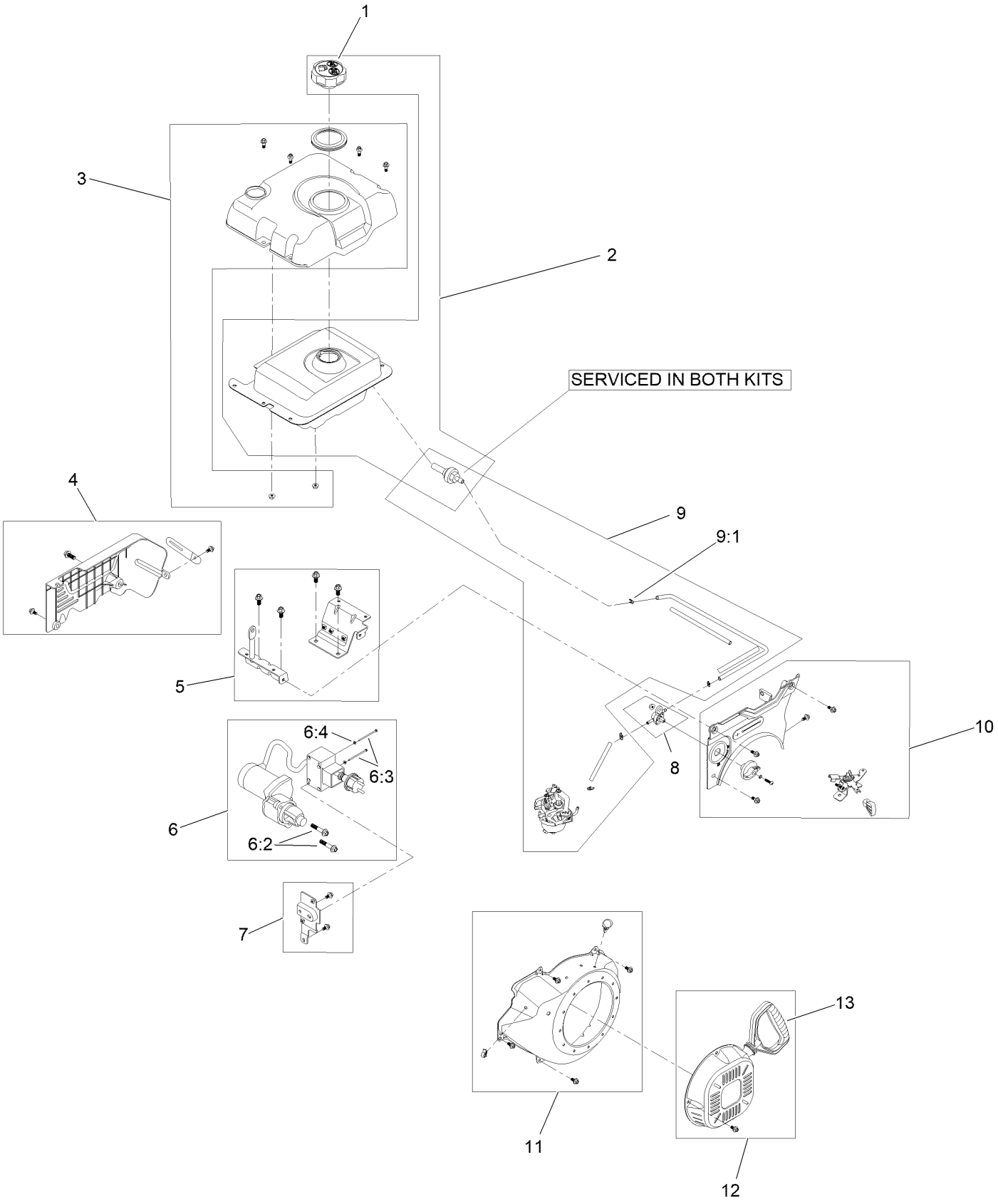
Engine Assembly



Engine Assembly (continued)

Ref.	Part Number	Qty.	Description
1	62-0940	1	Sheave-Half, Impeller
4	117-6022-01	1	Shield-Drive
5	119-1560	1	Frame Brace ASM
6	136-8673	1	Guide-Belt
7	119-1564	1	Belt-V
8	125-1145	1	Belt-V
9	120-4425	1	Engine-180Fds-1
10	120-3067	4	Nut-Flange
11	3212-8	1	Screw-HH
12	3253-4	2	Washer-Lock
13	3253-6	1	Washer-Lock
14	3256-23	2	Washer-Plain
15	3256-24	1	Washer-Flat
16	3256-4	1	Washer-Flat
17	32144-10	4	Screw-HWH
18	33114-020	2	Screw-HH
19	121-6602	1	Pulley-Engine, Impeller
20	121-6617	1	Pulley-Traction

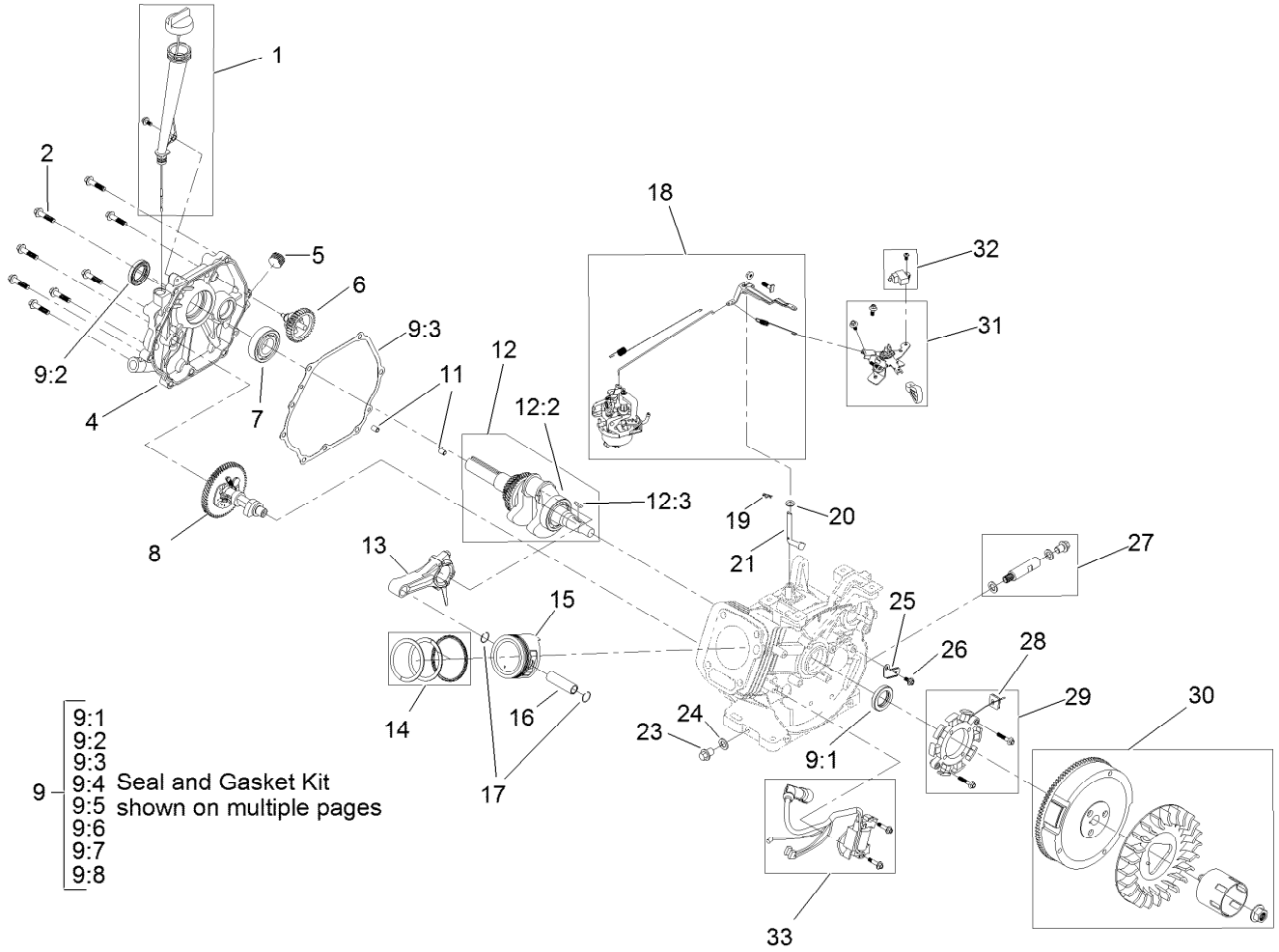
Engine Assembly No. 1



Engine Assembly No. 1 (continued)

Ref.	Part Number	Qty.	Description
1	133-9823	1	Cap-Fuel
2	136-7802	1	Fuel Tank And Cap Kit
3	121-0349	1	Fuel Tank Cover Kit
4	121-0347	1	Rear Panel And Hardware Kit
5	121-0351	1	Tank Mount Bracket Kit
6	136-7799	1	Electric Starter Kit
6:2	121-0298	2	Screw-HHF
6:3	121-0306	2	Screw-Bhp
6:4	121-0312	2	Washer-Plain
7	121-4103	1	Switch Box Bracket Kit
8	121-4109	1	Fuel Shut-Off Valve Kit
9	136-7801	1	Fuel Line Kit
9:1	121-0087	6	Clamp-Hose
10	121-4105	1	Front Panel Kit
11	121-0274	1	Recoil Shroud Kit
12	121-0342	1	Recoil Kit
13	121-0287	1	Handle-Recoil

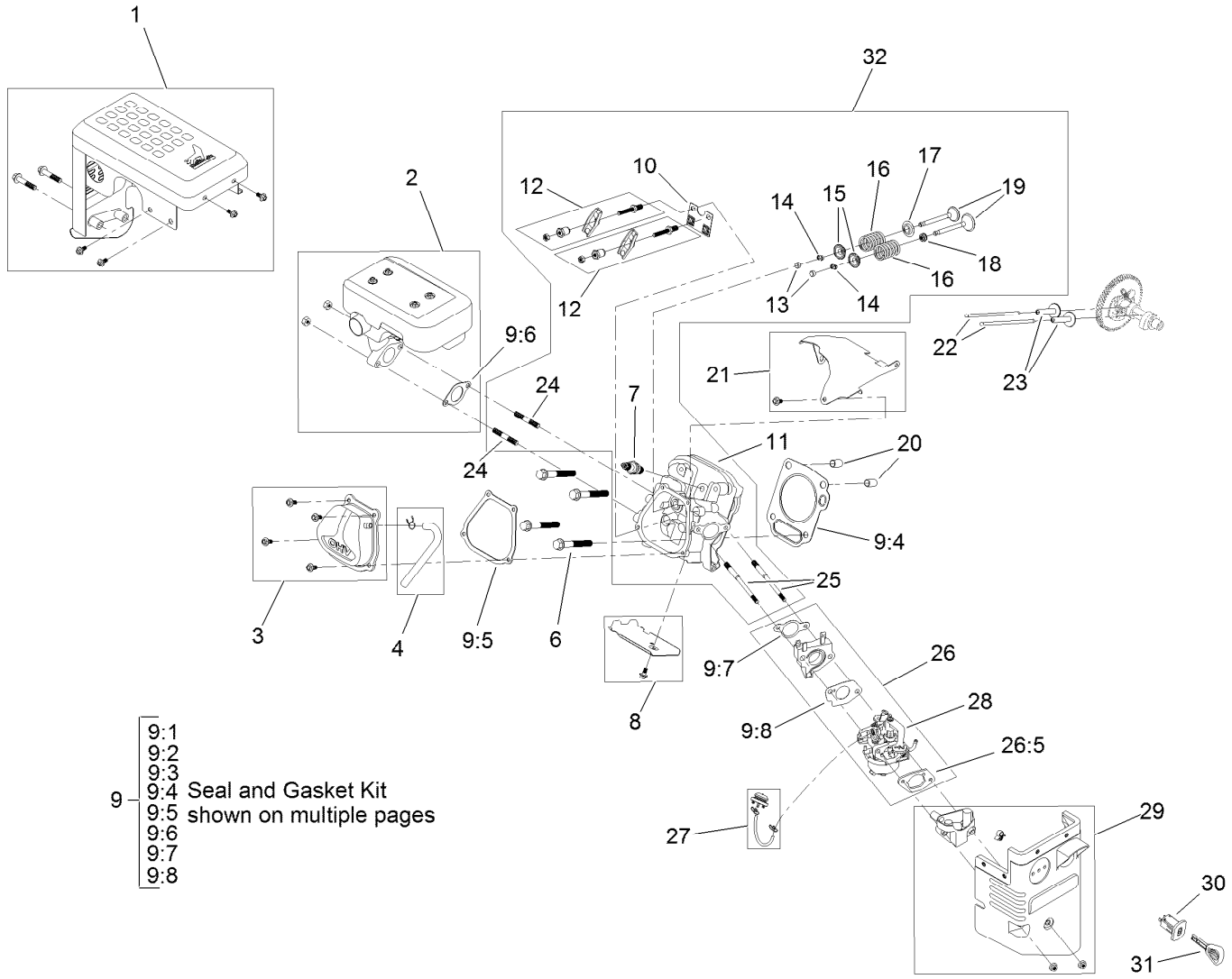
Engine Assembly No. 2



Engine Assembly No. 2 (continued)

Ref.	Part Number	Qty.	Description
1	133-9854	1	Oil Fill Kit
2	121-0299	8	Screw-HHF
4	133-9856	1	Cover-Crankcase
5	133-9805	1	Plug-Drain
6	136-7782	1	Governor Gear ASM
7	121-0315	1	Bearing-Main
8	121-0243	1	Camshaft ASM
9	121-0358	1	Seal And Gasket Kit
9:1	121-0316	1	Seal-Oil
9:2	121-0317	1	Seal-Oil
9:3	121-0228	1	Gasket-Cover, Crankcase
9:4	121-0231	1	Gasket-Head, Cylinder
9:5	121-0234	1	Gasket-Cover, Valve
9:6	121-0272	1	Gasket-Exhaust
9:7	121-0252	1	Gasket-Carburetor
9:8	121-0253	1	Gasket-Carburetor
11	121-0314	2	Pin-Dowel
12	121-0241	1	Crankshaft ASM
12:2	121-0315	1	Bearing-Main
12:3	120-4320	1	Key-Woodruff
13	121-0240	1	Connecting Rod ASM
14	121-0238	1	Set-Ring, Piston
15	121-0333	1	Piston
16	121-0237	1	Pin-Piston
17	121-0313	2	Clip-Pin, Piston
18	121-0352	1	Complete Governor Kit
19	120-4256	1	Pin-Hair
20	121-0311	1	Washer-Plain
21	136-7783	1	Shaft-Governor
23	121-0222	1	Screw-HHF
24	121-0310	1	Washer-Plain
25	121-0278	1	Clamp
26	121-0118	1	Screw-HHF
27	121-0341	1	Drain Plug Kit
28	121-0325	1	Grommet-Rubber
29	121-0362	1	Stator Kit
30	121-0354	1	Fan And Flywheel Kit
31	121-4107	1	Throttle Control Kit
32	121-4106	1	Kill Switch Kit
33	136-7798	1	Ignition Kit

Engine Assembly No. 3

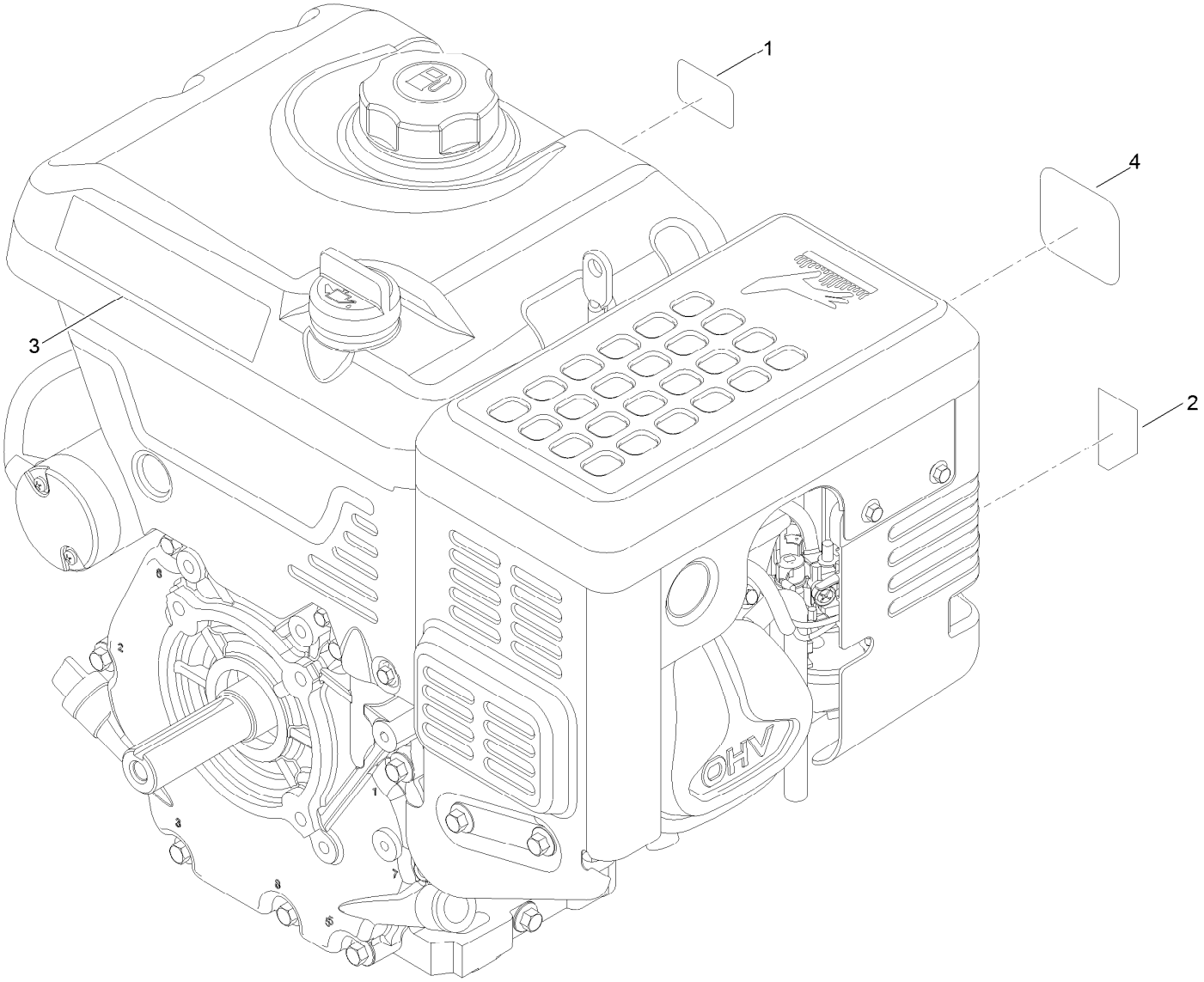


Engine Assembly No. 3 (continued)

Ref.	Part Number	Qty.	Description
1	121-4101	1	Muffler Shield Kit
2	127-9373	1	Muffler Kit
3	121-0343	1	Valve Cover Kit
4	121-0340	1	Breather Tube Kit
6	121-0302	4	Screw-HHF
7	119-1901	1	Plug-Spark
8	121-0348	1	Lower Heat Shroud Kit
9	121-0358	1	Seal And Gasket Kit
9:1	121-0316	1	Seal-Oil
9:2	121-0317	1	Seal-Oil
9:3	121-0228	1	Gasket-Cover, Crankcase
9:4	121-0231	1	Gasket-Head, Cylinder
9:5	121-0234	1	Gasket-Cover, Valve
9:6	121-0272	1	Gasket-Exhaust
9:7	121-0252	1	Gasket-Carburetor
9:8	121-0253	1	Gasket-Carburetor
10	121-0247	1	Plate-Guide, Push Rod
11	121-0230	1	Head-Cylinder
12	121-0245	2	Rocker Arm ASM
13	121-0244	2	Rotator-Valve
14	120-4307	4	Keeper-Valve
15	120-4306	2	Retainer-Spring, Valve
16	120-4305	2	Spring-Valve
17	120-4303	1	Seat-Spring, Valve
18	120-4304	1	Seal-Stem, Valve
19	121-0328	1	Valve Kit
20	120-4200	2	Pin-Dowel
21	121-4102	1	Upper Heat Shroud Kit
22	121-0246	2	Rod-Push
23	120-4298	2	Lifter-Valve
24	121-0304	2	Stud-Mount, Muffler
25	121-0303	2	Stud-Mount, Carburetor
26	121-0359	1	Complete Carb Service Kit
26:5	121-0254	1	Gasket-Coated, Rubber
27	127-9372	1	Primer Kit
28	127-9143	1	Carb Repair Kit With Gaskets
29	121-0355	1	Heater Box Kit
30	121-0283	1	Switch-Key
31	117-7728	1	Key
32	133-9855	1	Complete Head ASM
99	121-4241	1	High Altitude Kit-Power Max HD ●

● Not illustrated

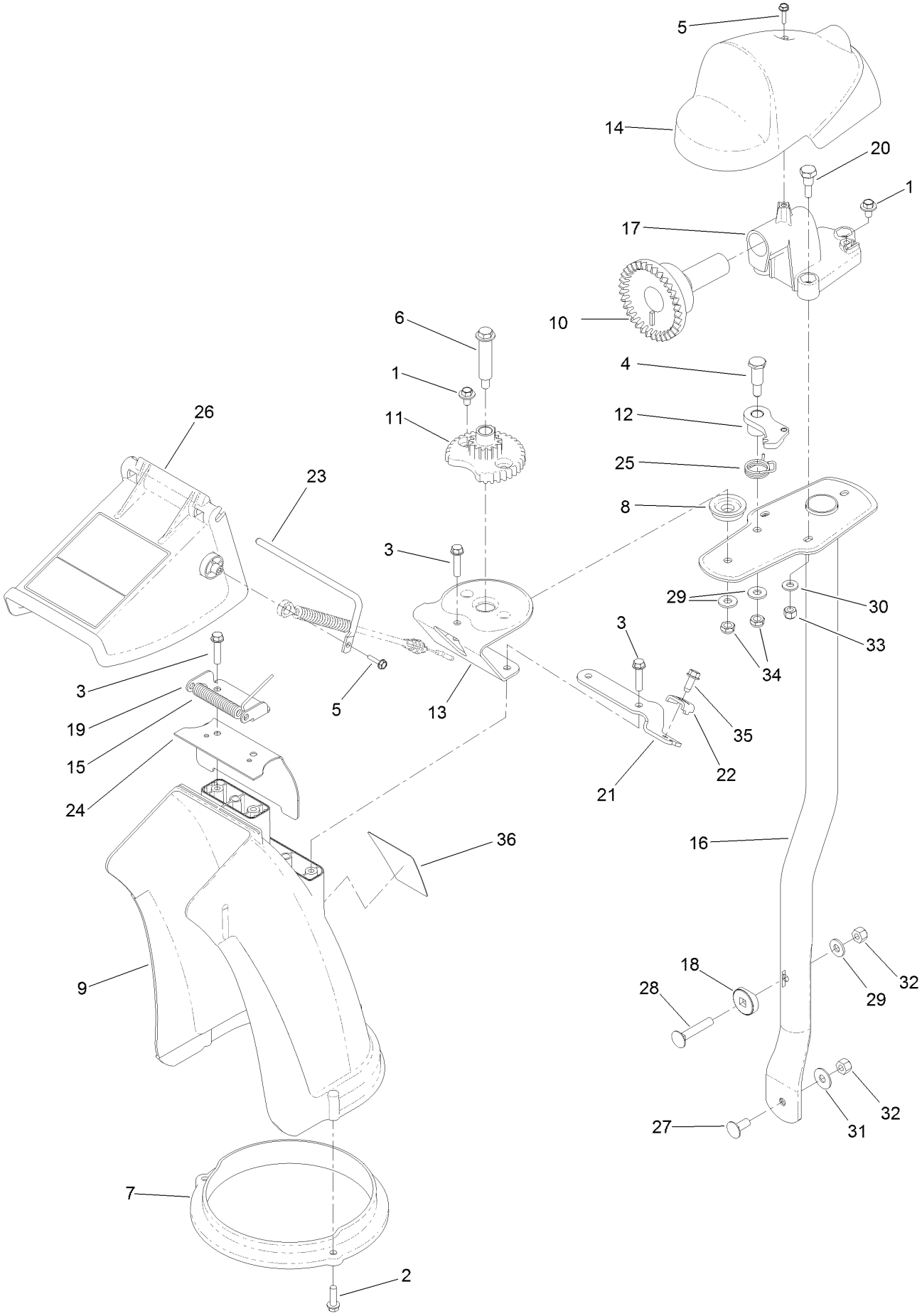
Engine Decal Assembly



Engine Decal Assembly (continued)

Ref.	Part Number	Qty.	Description
1	125-1102	1	Decal-Throttle
2	120-9805	1	Decal-Control, Engine
3	120-9808	1	Decal-Engine
4	120-9811	1	Decal-Recoil

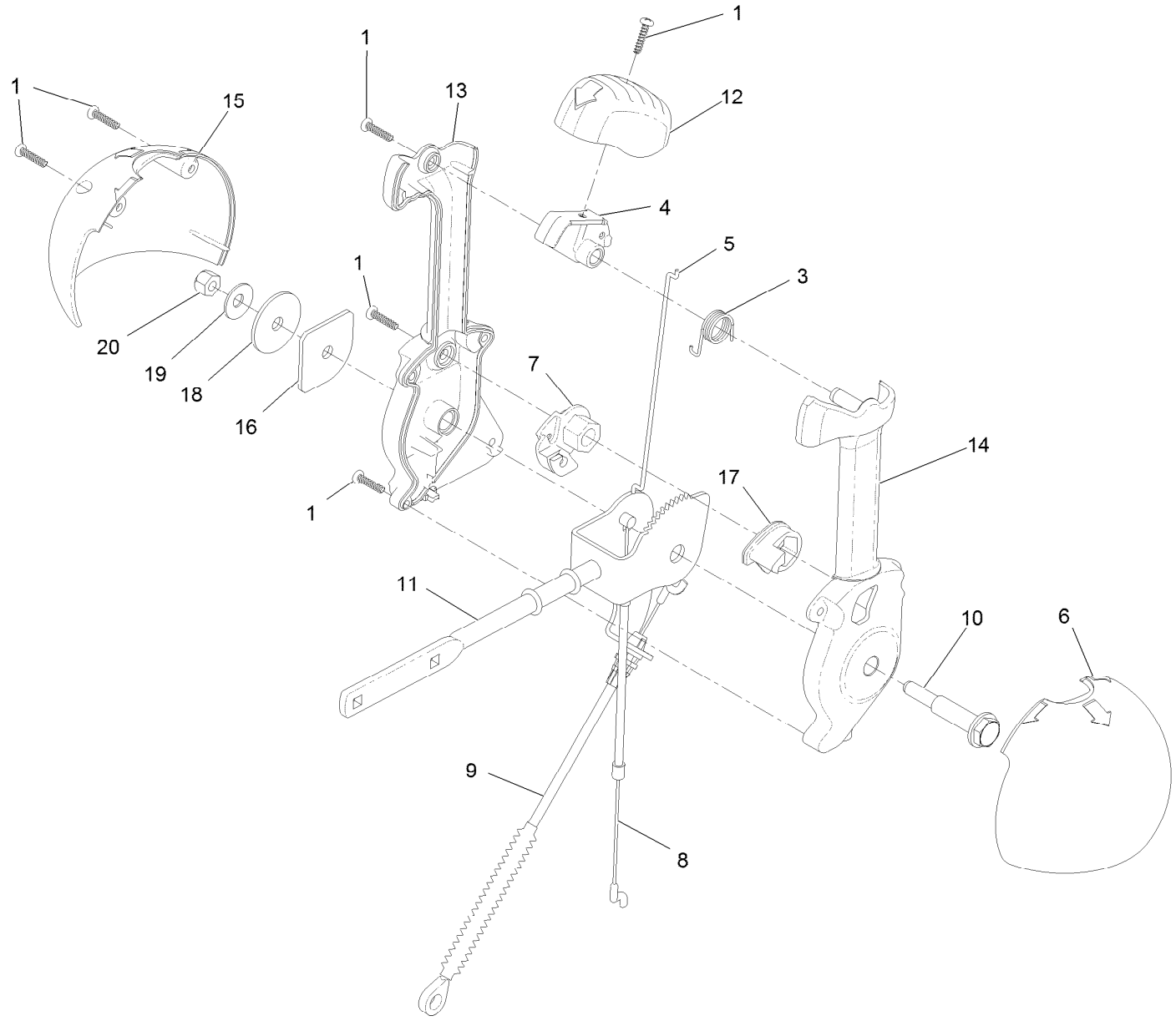
Chute Assembly



Chute Assembly (continued)

Ref.	Part Number	Qty.	Description
1	46-6810	3	Screw And Washer ASM
2	46-8091	3	Screw-HWH
3	46-8092	5	Screw-Plastite
4	63-2650	1	Screw-Shoulder
5	98-1375	2	Screw-HWH
6	136-7199	1	Bolt-Shoulder
7	105-9991	1	Ring-Chute
8	106-4422	1	Spacer-Chute
9	106-4440	1	Chute-Discharge
10	106-4471	1	Gear-Face
11	106-4472	1	Gear-Chute
12	106-4476	1	Latch-Chute
13	106-4582-03	1	Bracket-Support, Chute
14	106-4585	1	Cover-Gear, Chute
15	136-7104	1	Spring-Torsion
16	106-7253-03	1	Tube-Support
17	106-7257	1	Mount-Gear, Face
18	106-7260	1	Washer-Curved
19	136-7105	1	Bracket-Deflector
20	136-7197	3	Screw-Shoulder
21	136-7107	1	Bracket-Clamp, Cable
22	136-7191	1	Clamp-Cable
23	136-7111	1	Rod-Deflector
24	108-5052	1	Seal-Chute
25	108-7315	1	Spring-Torsion
26	112-6629	1	Deflector-Chute, CE
27	3230-23	1	Screw-CARR
28	3230-5	1	Bolt-CARR
29	3256-2	3	Washer-Flat
30	3256-22	3	Washer-Flat
31	3290-456	1	Washer-Belleville
32	3296-29	2	Nut-Lock, NI
33	3296-42	3	Nut-Lock, NI
34	3296-47	2	Nut-Lock, NI
35	32144-10	1	Screw-HWH
36	125-1121	1	Decal-Guarantee

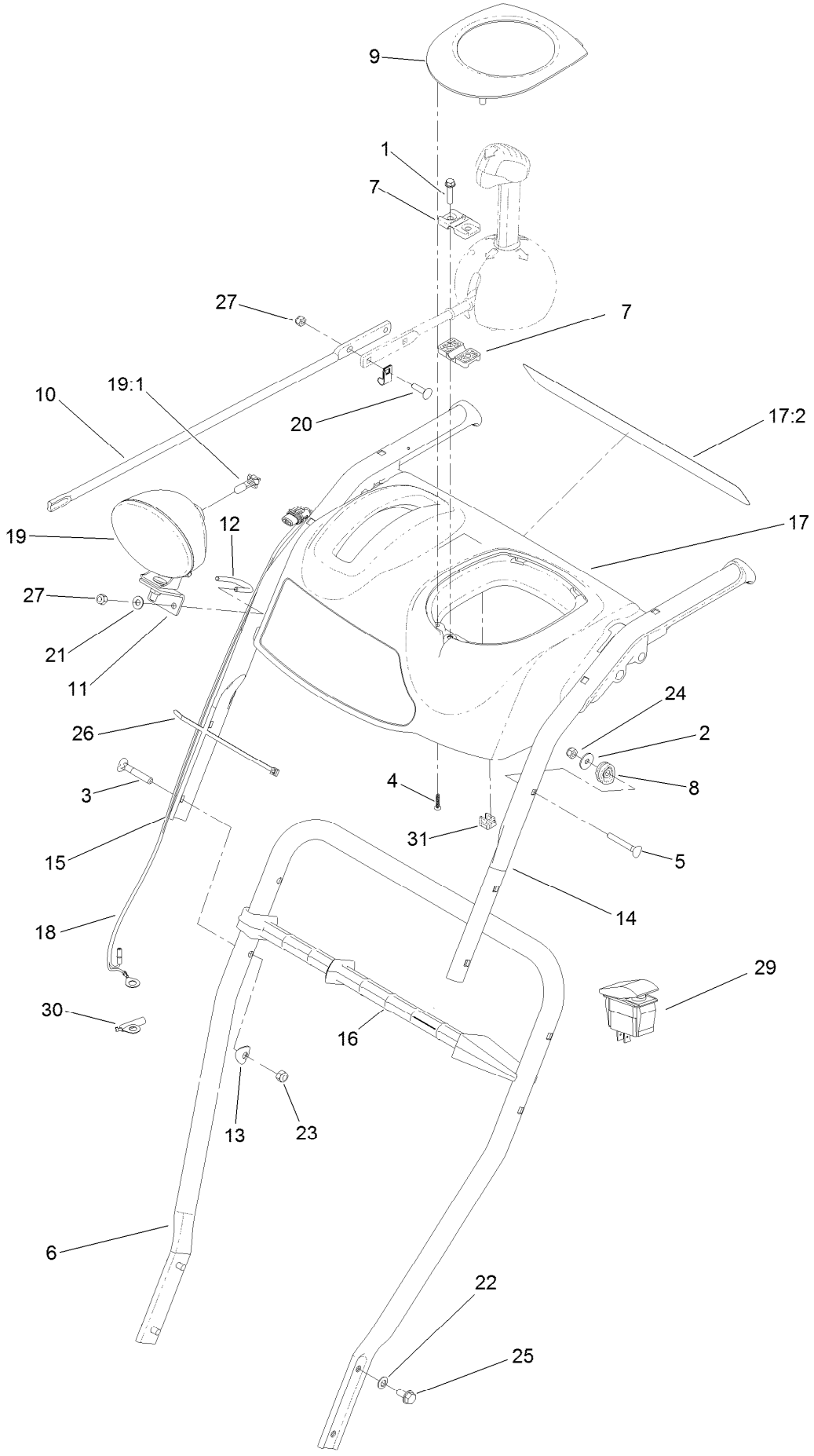
Lever Chute Control Assembly



Lever Chute Control Assembly (continued)

Ref.	Part Number	Qty.	Description
1	94-4496	6	Screw-PPH
3	105-9982	1	Spring-Torsion
4	105-9984	1	Trigger-Latch
5	136-7127	1	Link-Latch
6	105-9986	1	Cover-Lever, Chute (LH)
7	105-9988	1	Lever-Cable, Deflector
8	125-1113	1	Cable-Release, Chute
9	105-9990	1	Cable-Control, Deflector
10	136-7190	1	Screw-Shoulder
11	136-7128	1	Chute Control Rod
12	106-7280	1	Cap-Lever
13	106-7281	1	Lever-Control, Chute (RH)
14	106-7282	1	Lever-Control, Chute (LH)
15	106-7292	1	Cover-Lever, Chute (RH)
16	136-7129	1	Plate-Friction
17	106-7310	1	Pawl-Latch
18	107-3002	1	Washer-Nylon
19	3290-456	1	Washer-Belleville
20	3296-29	1	Nut-Lock, NI

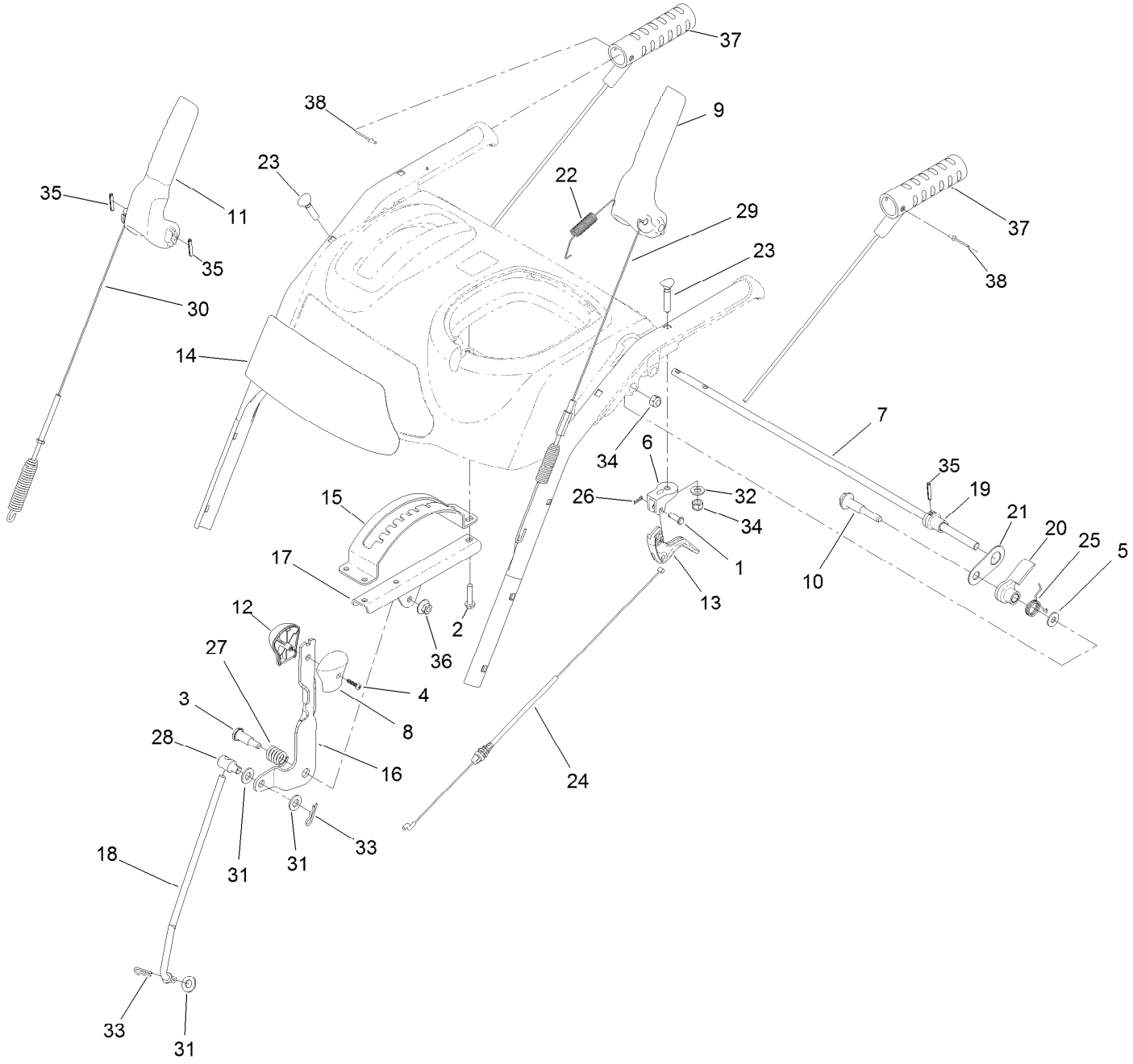
Handle Assembly



Handle Assembly (continued)

Ref.	Part Number	Qty.	Description
1	46-8092	2	Screw-Plastite
2	87-6630	2	Washer-Plain
3	92-2260	4	Screw-Handle
4	94-4496	2	Screw-PPH
5	95-4453	2	Screw
6	105-9981-03	1	Handle-Lower
7	105-9987	2	Support-Rod
8	106-4509	2	Clamp-Cable
9	106-4586	1	Cover-Panel, Control
10	106-7283	1	Rod-Chute, Front
11	107-1020-03	1	Bracket-Light
12	136-7120	1	Clamp-Light
13	107-3844	4	Washer
14	127-5952-03	1	Handle-Upper, LH
15	127-5953-03	1	Handle-Upper, RH
16	110-3408	1	Stick-Cleanout
17	127-5990	1	Control Panel ASM
17:2	127-5991	1	Decal-Control
18	127-5950	1	Harness-Wire, Heated Grips
19	120-3074	1	Headlamp ASM
19:1	120-3075	1	Lamp-12 Volt
20	3229-30	2	Screw-CARR
21	3256-1	2	Washer-Flat
22	3290-475	4	Washer-Belleville
23	3296-72	4	Nut-Lock, NI
24	3296-73	2	Nut-Lock, NI
25	32144-14	4	Screw-HWHTF
26	614249	2	Tie-Cable
27	3296-73	4	Nut-Lock, NI
29	127-5999	1	Switch-Rocker, Off-None-On
30	127-5998	1	Harness-Wire, Ground Jumper
31	32180-078	1	Clip-Edge

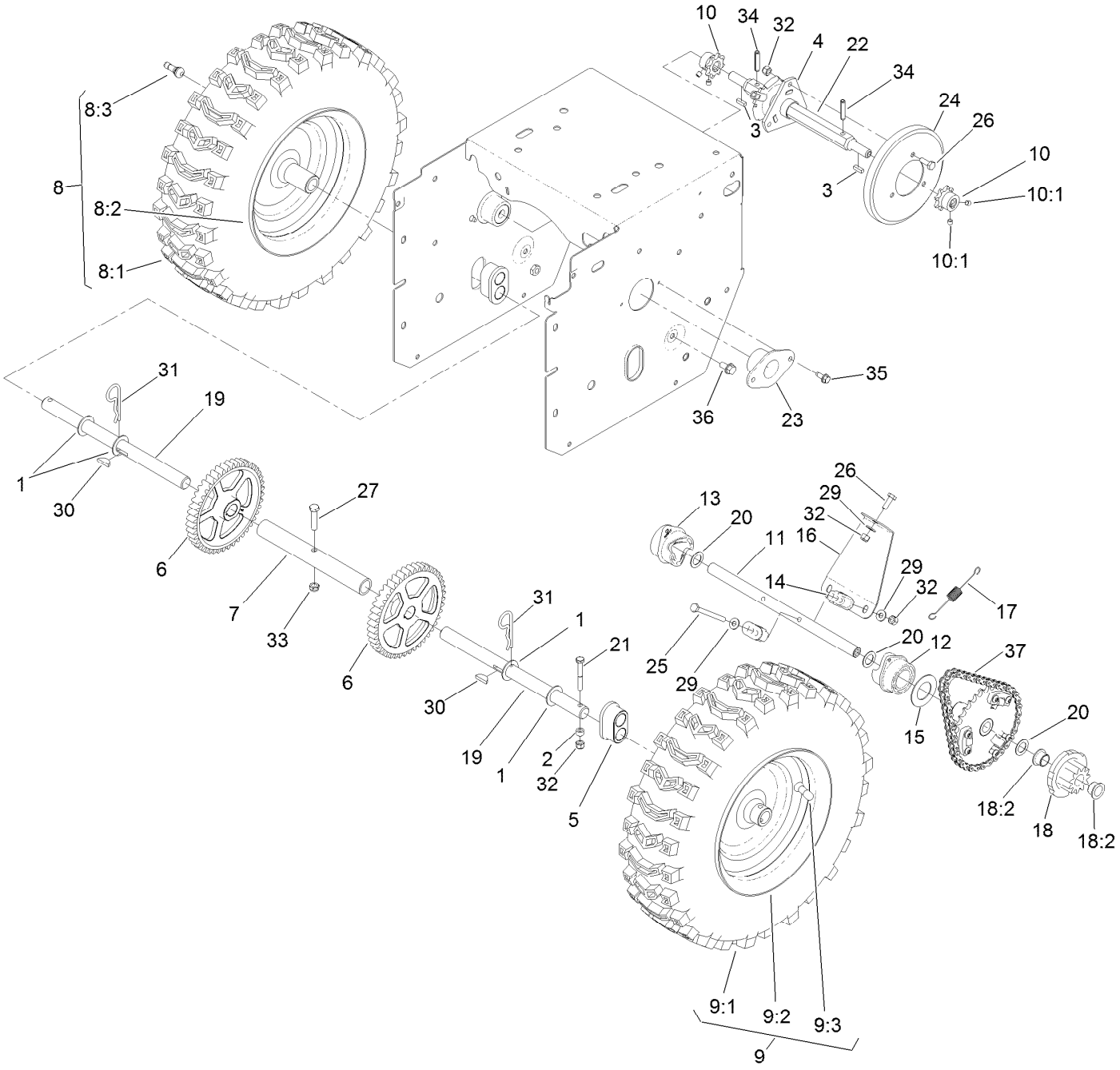
Control Assembly



Control Assembly (continued)

Ref.	Part Number	Qty.	Description
1	1-808265	2	Pin-Clevis
2	46-8092	4	Screw-Plastite
3	63-2650	1	Screw-Shoulder
4	94-4496	1	Screw-PPH
5	98-3499	1	Washer-Flat
6	105-9980	2	Mount-Lever, Clutch
7	136-7100	1	Rod-Lockout
8	105-9999	1	Knob-Shift, LH
9	125-7946	1	Lever-Traction
10	136-7196	1	Screw-Shoulder
11	125-7947	1	Lever-Auger
12	106-4423	1	Knob-Shift, RH
13	106-4505	2	Lever-Clutch
14	130-9782	1	Decal-Control Panel
15	106-7277-03	1	Guide-Selector, Speed
16	106-7278-03	1	Selector-Speed
17	130-9775-03	1	Bracket-Selector, Speed
18	136-7109	1	Rod-Shift
19	107-1043	1	Cam-Lockout
20	108-0023	1	Latch-Lockout
21	136-7314	1	Link-Lockout
22	136-7315	1	Spring-Tension
23	107-3018	4	Screw-Handle
24	107-8896	2	Cable-Clutch
25	108-0024	1	Spring-Torsion
26	108-2992	2	Pin-Hair
27	136-7121	1	Spring-Compression
28	136-7193	1	Trunnion-Rod
29	120-0132	1	Cable-Traction
30	120-3086	1	Cable-Auger
31	3256-24	3	Washer-Flat
32	3256-70	4	Washer-Flat
33	3290-307	2	Pin-Cotter
34	3296-72	5	Nut-Lock, NI
35	32121-125	3	Pin-Spring
36	32128-13	1	Nut-HF
37	127-5951	2	Grip-Heated
38	3290-271	4	Rivet-Pop

Wheel Clutch Assembly

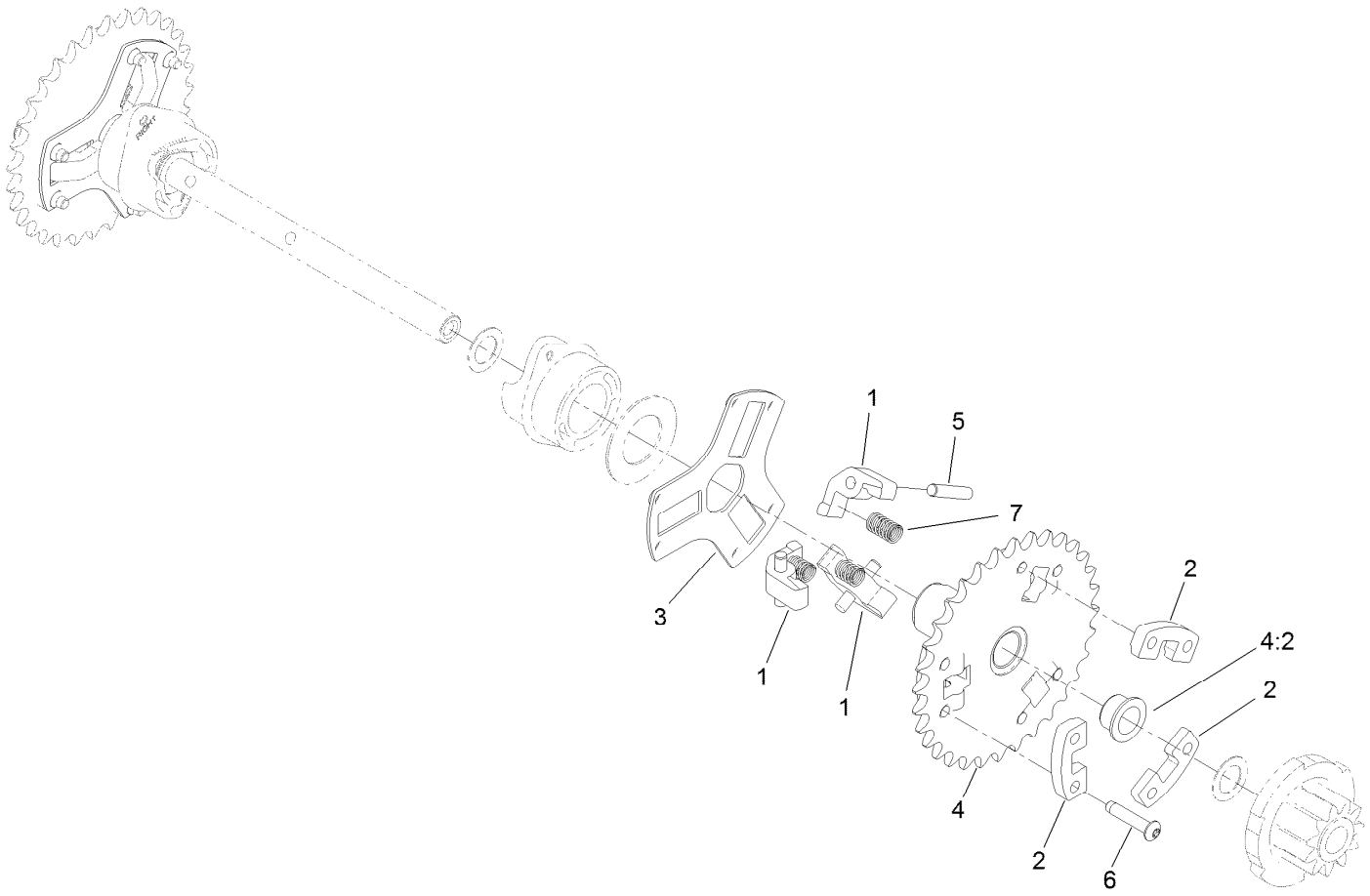


Wheel Clutch Assembly (continued)

Ref.	Part Number	Qty.	Description
1	3-8664	4	Washer-Thrust
2	55-9370	2	Spacer-Blade, Rotor
3	94-8850	2	Key-Square
4	106-4434	1	Trunnion-Hex
5	106-4558	2	Bearing-Axle
6	106-4572	2	Gear-Axle, 44 Tooth
7	106-7259	1	Tube-Axle
8		1	RH Wheel And Tire ASM ●
8:1	121-6610	1	Rim-Tire
8:2	121-6611	1	Tire
8:3	232-27	1	Stem-Valve
9		1	LH Wheel And Tire ASM ●
9:1	121-6610	1	Rim-Tire
9:2	121-6611	1	Tire
9:3	232-27	1	Stem-Valve
10	106-7317	2	Sprocket-8 Tooth
10:1	3245-32	2	Screw-HSH
11	107-8883	1	Shaft-Intermediate
12	107-8887	1	Collar-Shift, LH
13	107-8888	1	Collar-Shift, RH
14	107-8889	4	Guide-Collar
15	107-8891	2	Washer-Thrust
16	107-8892-03	1	Brace-Collar, Shift
17	107-8893	2	Spring-Extension
18	107-8894	2	11T Gear ASM
18:2	108-2973	2	Bushing-Flange
19	107-8898	2	Shaft-Axle
20	108-0015	4	Washer-Flat
21	108-2975	2	Screw-HH
22	108-7314	1	Shaft-Hex
23	108-7319	2	Retainer-Bearing
24	119-1567	1	Wheel-Friction
25	321-23	2	Screw-HH
26	321-4	4	Screw-HH
27	322-17	1	Screw-HH
29	3256-22	5	Washer-Flat
30	3257-7	2	Key-Woodruff
31	3290-343	2	Pin-Hair
32	3296-42	8	Nut-Lock, NI
33	3296-47	1	Nut-Lock, NI
34	32121-9	2	Pin-Roll, Slotted
35	32144-10	4	Screw-HWH
36	32144-14	2	Screw-HWHTF
37	108-0016	2	Chain-Roller
37	2710-6	2	Link-Connecting

● Not serviced separately

Wheel Clutch Sproket Assembly



Wheel Clutch Sproket Assembly (continued)

Ref.	Part Number	Qty.	Description
1	107-8879	6	Pawl-Clutch
2	107-8880	6	Support-Pawl
3	136-7318	2	Retainer-Pawl, Pin
4	107-8895	2	32T Sprocket ASM
4:2	108-2973	2	Bushing-Flange
5	107-8899	6	Pin-Dowel
6	108-0035	12	Screw
7	107-8885	6	Spring-Compression

Attachments and Accessories

For 38802 Power Max Heavy Duty 1028 OHXE Snowthrower

Product Name	Model/Part
Weight Kit	107-3815
28in Drift Breaker	107-3817
Heavy-Duty Skid Kit	125-1104
Snow Cab Kit	127-5960
Engine Maintenance Kit	138-0704
Non-Marking Skid Kit	38211
Tire Chain Kit, 16in Tires	38215
Toro Snow Oil 0W30 Synthetic 20-Ounce Bottle	38913
Toro 2-Stage Cover	490-7466
Plain 2-Stage Cover	490-7467

Notes:



Count on it.