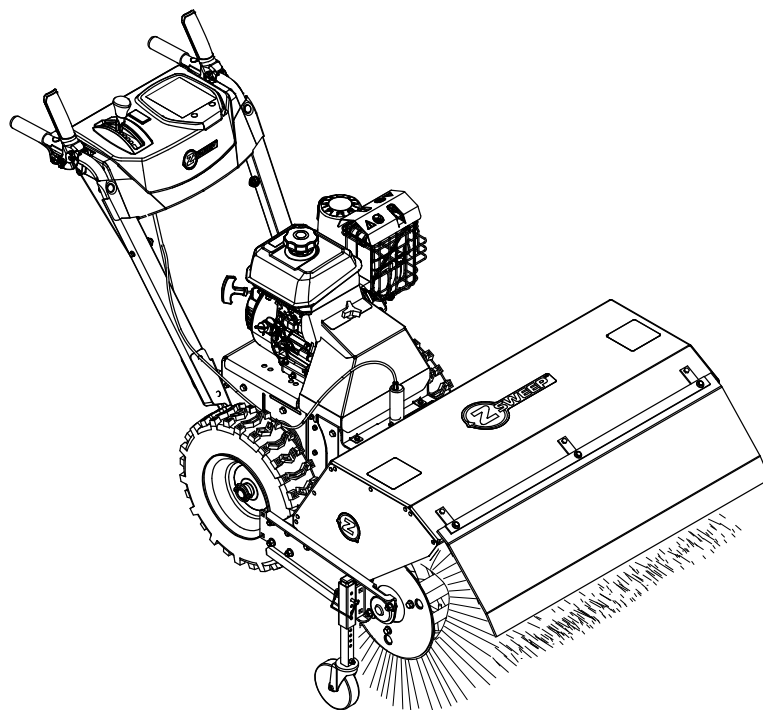




Z-SWEEP™

Model No. ZB4636—Serial No. 411294212 and Up

Picture below may not reflect actual product.



Parts Manual

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.

Contents

Main Frame and Auger Housing Assembly 4

Auger Drive Assembly 6

Handle Assembly 8

Control Panel Assembly 10

Engine Assembly 12

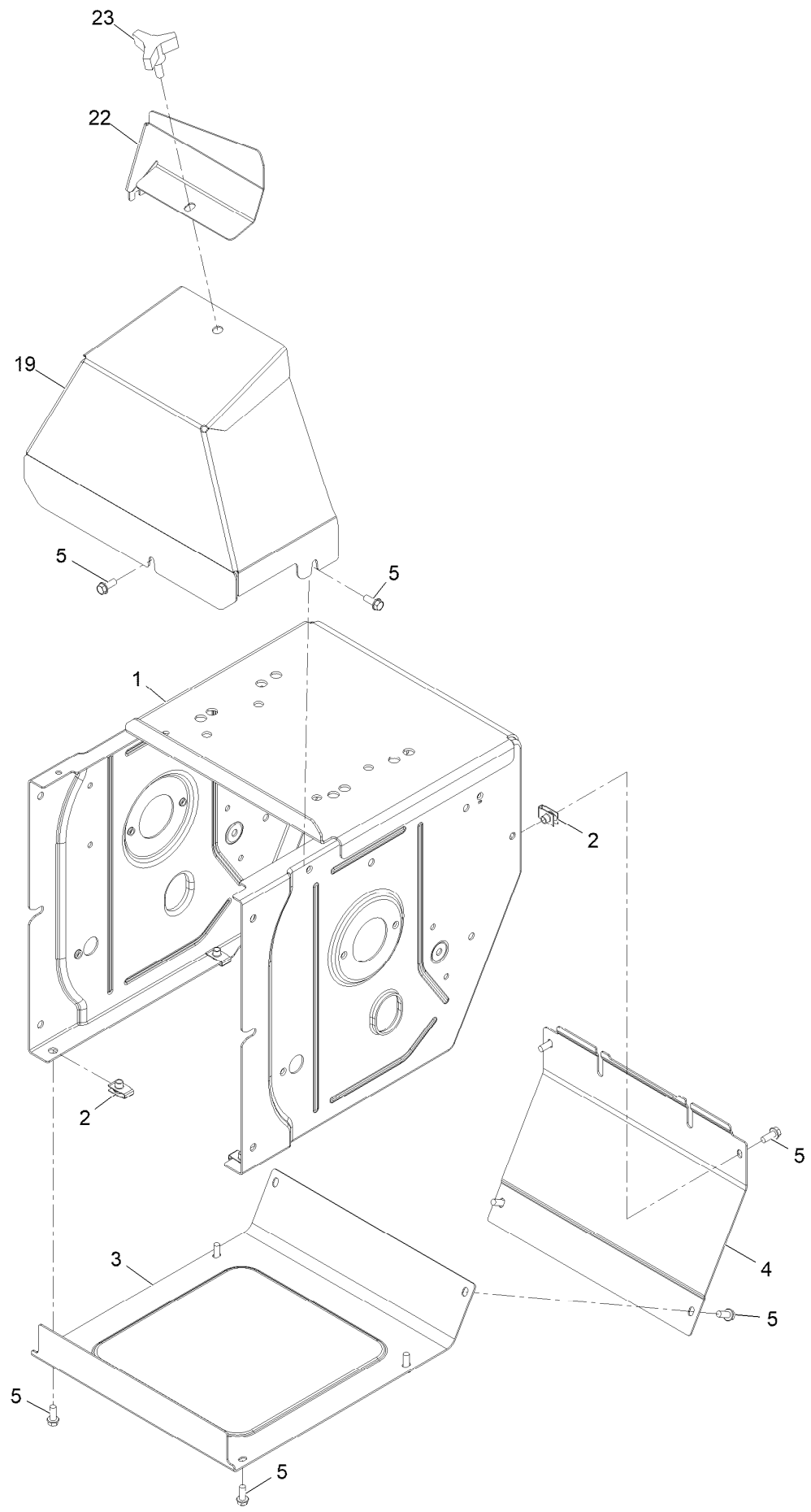
Traction Drive Assembly 14

Broom Head and Shield Assembly 16

Hood and Frame Assembly 18

Broom Assembly 20

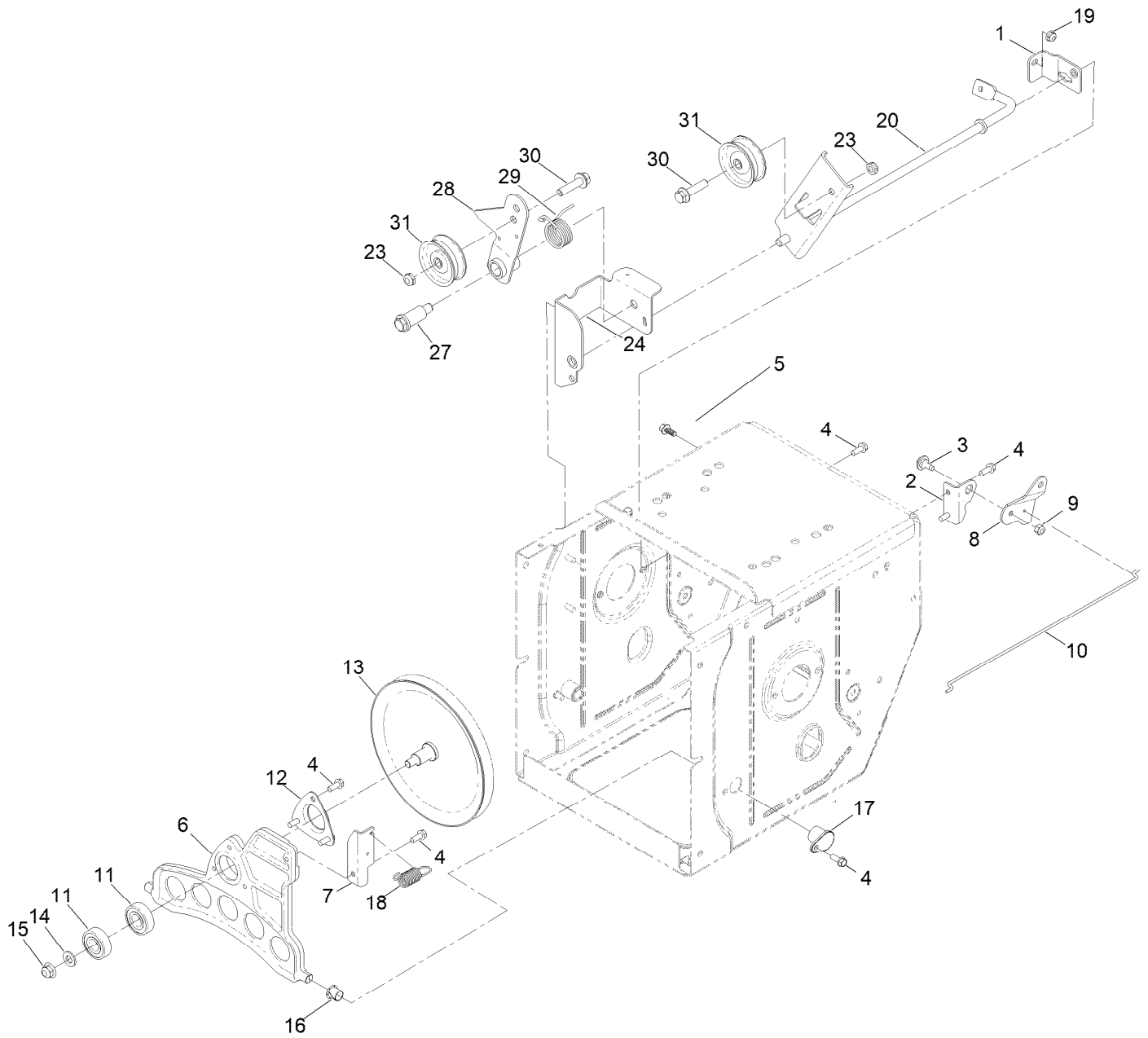
Main Frame and Auger Housing Assembly



Main Frame and Auger Housing Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	136-6639-03	1	Frame, Traction [black]	5	32144-85	11	Screw-HWH 1/4-20 X .62
2	107069	8	Nut-Retainer-Panel 1/4-20	19	142-4838-03	1	Cover - Belt
3	136-6650-03	1	Cover-Bottom	22	116-7922-03	1	Shield-Ice
4	136-6651-03	1	Cover-Rear	23	106-2240	1	Knob

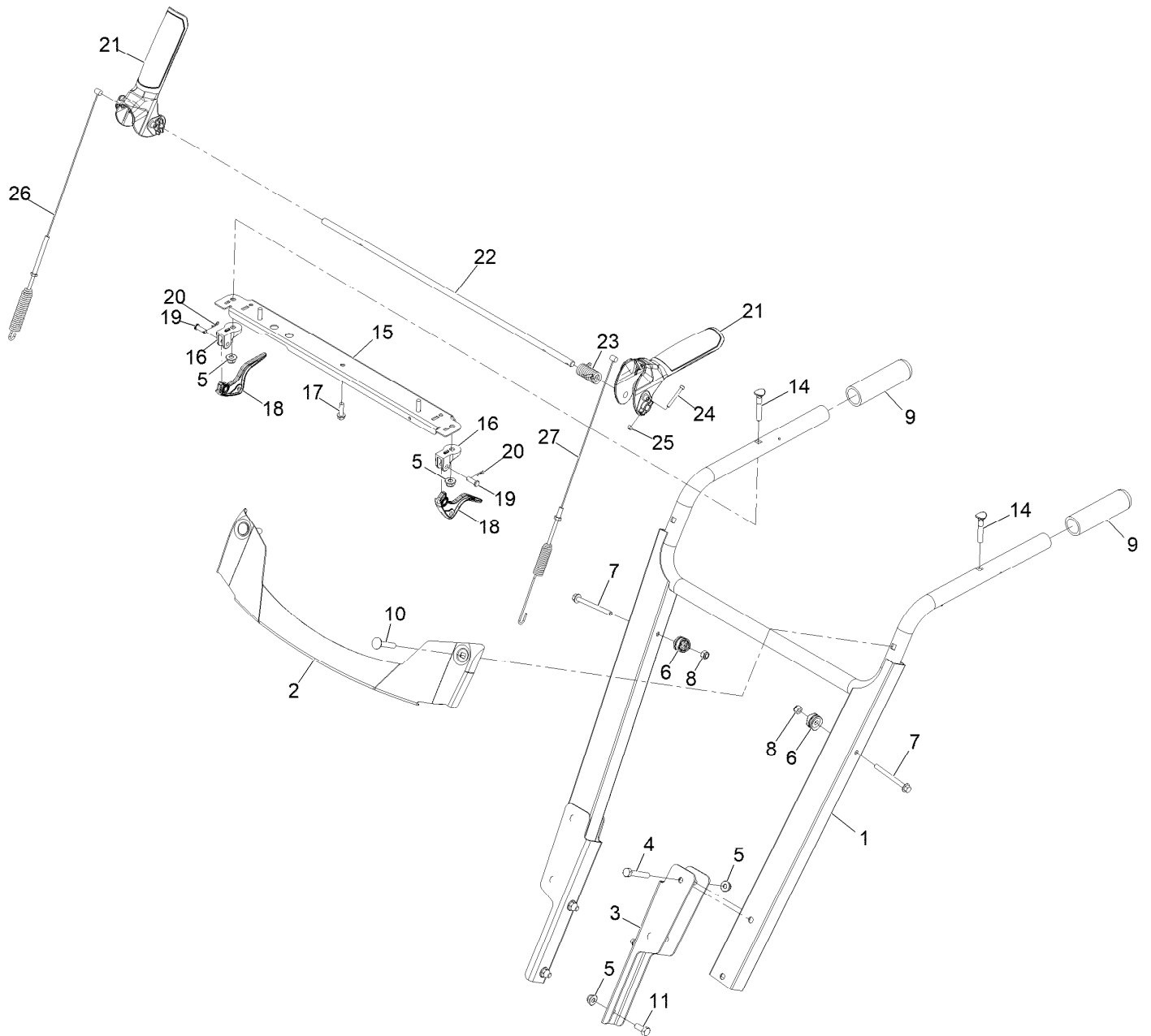
Auger Drive Assembly



Auger Drive Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	136-8654-03	1	Bracket-Clutch, Impeller	15	119-4042	1	Nut-HF, NI
2	136-6654-03	1	Bracket- Bellcrank	16	256-257	2	Bushing-Nyliner
3	92-9698	1	Screw-Shoulder	17	120-7156	2	Bushing-Plate, Traction
4	32144-85	15	Screw-HWH Thd Form	18	137-6189	1	Spring-Extension
5	137-3111	1	Screw-HHF	19	137-3005	1	Nut-HF
6	136-6689	1	Plate-Friction, Wheel	20	144-1243	1	Arm-Clutch, Impeller
7	137-6156-03	1	Bkt-Traction Plate	23	121-4600	2	Nut-Hex
8	137-6159-03	1	Bellcrank-Drive	24	136-8671-03	1	Bracket-Brake, Clutch
9	137-3094	1	Nut-Hex	27	136-7116	1	Bolt-Shoulder
10	137-6157	1	Link-Drive	28	136-7186	2	Arm-Idler, Traction
11	38-7820	2	Bearing-Ball	29	120-3060	1	Spring-Torsion
12	136-7124	1	Retainer-Bearing	30	139-2553	2	Screw-HHF
13	137-6154	1	Pulley-Traction	31	3-4244	2	Pulley-Idler
14	115-1166	1	Washer-Flat				

Handle Assembly

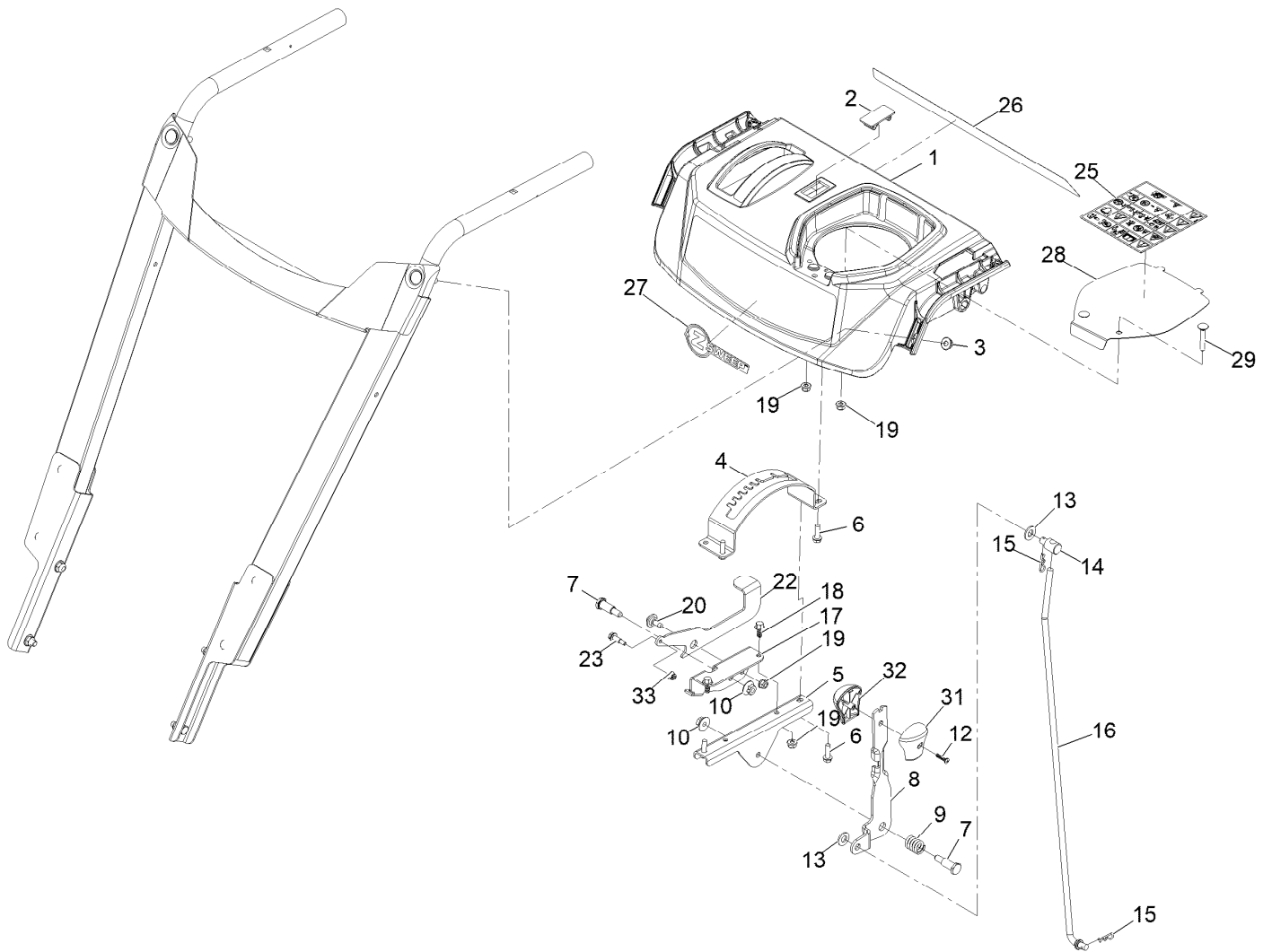


Handle Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	137-6224-01	1	Handle ASM HD, Welded	17	137-3099	3	Screw-Plastite, HWH
2	137-6233-03	1	Metal Trim, HD	18	106-4505	2	Lever-Clutch
3	137-6221-03	2	Bracket-Handle, Lower	19	1-808265	2	Pin-Clevis 1/4 X 3/4
4	120-9686	4	Screw-HH 5/16-18 X 2	20	108-2992	2	Pin-Hair
5	138-8401	12	Nut-Hex Flg 5/16-18 Nyloc	21	137-6171	2	Lever-Control
6	106-4509	2	Clamp-Cable	22	137-6182	1	Rod-Lockout
7	138-3653	2	Screw-HHF 1/4-20 X 2 3/4	23	138-0678	1	Spring-Torsion, Handle Return
8	137-3094	2	Nut-Hex	24	145-0660	2	Screw-HSH M4-0.7 X 36Mm
9	120-1333	2	Grip-Handle	25	131-8641	2	Nut-Hex Nyl Ins M4-0.7
10	138-8402	2	Bolt-CARR	26	138-3661	1	Cable-Auger
11	137-3052	4	Screw-HH 5/16-18 X 3/4	27	138-0728	1	Cable-Traction
14	137-3107	2	Screw-Handle	99	130-8332	1	Adhesive-Loctite 608 ●
15	145-4075-03	1	Brace-Console				
16	105-9980	2	Mount-Lever, Clutch				

● Not illustrated

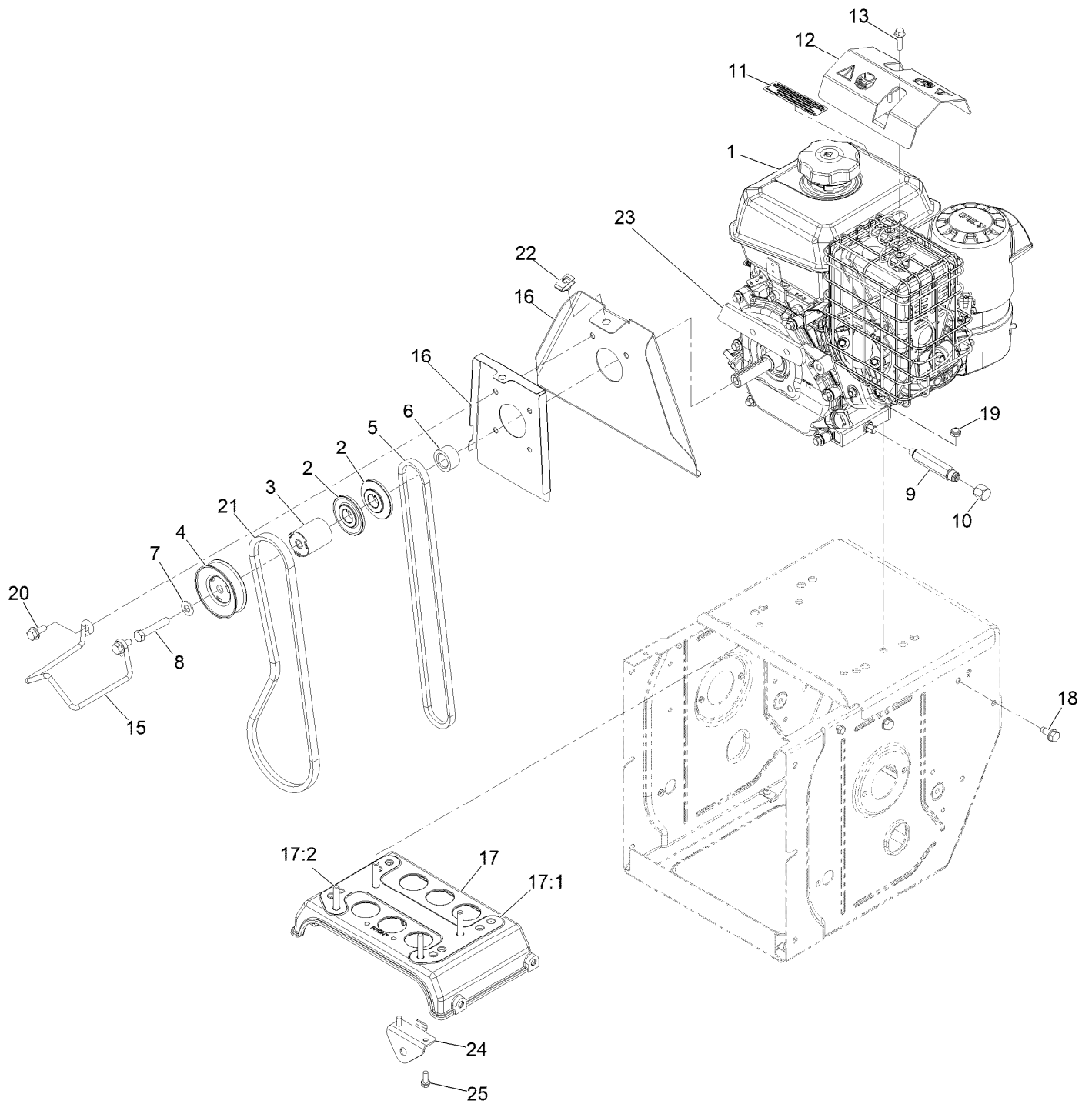
Control Panel Assembly



Control Panel Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	144-1346	1	Panel-Control	16	137-6225	1	Rod-Shift
2	99-7420	1	Plug-Hole	17	139-9919-03	1	Bracket-Lever, Broom Angle
3	138-8401	7	Nut-Hex Flg 5/16-18 Nyloc	18	137-3111	2	Screw-HHF 1/4-20 X 5/8
4	137-6187-03	1	Gate-Shift	19	119-4040	5	Nut-HF, NI
5	137-6188-03	1	Bracket-Shift	20	92-9698	1	Screw-Shoulder
6	137-3099	4	Screw-Plastite, HWH	22	139-9920-03	1	Lever-Broom Angle
7	137-3103	2	Screw-Shoulder, HH	23	139-1709	1	Screw-Shoulder
8	137-6231-03	1	Selector-Speed	25	142-9546	1	Decal-Warning
9	136-7121	1	Spring-Compression	26	144-0316	1	Decal-Control Panel
10	137-3038	2	Nut-HF	27	142-5433	1	Decal-Z-Sweep Logo
12	94-4496	1	Screw-PPH M4.2 X 2.25 X 19Mm	28	139-9927-03	1	Plate-Cover, CONT Pnl
13	115-1166	2	Washer-Flat	29	137-3011	2	Bolt-CARR
14	136-7193	1	Trunnion-Rod	31	105-9999	1	Knob-Shift, LH
15	137-3083	2	Pin-Hair	32	106-4423	1	Knob-Shift, RH
				33	138-0719	1	Nut-HF

Engine Assembly



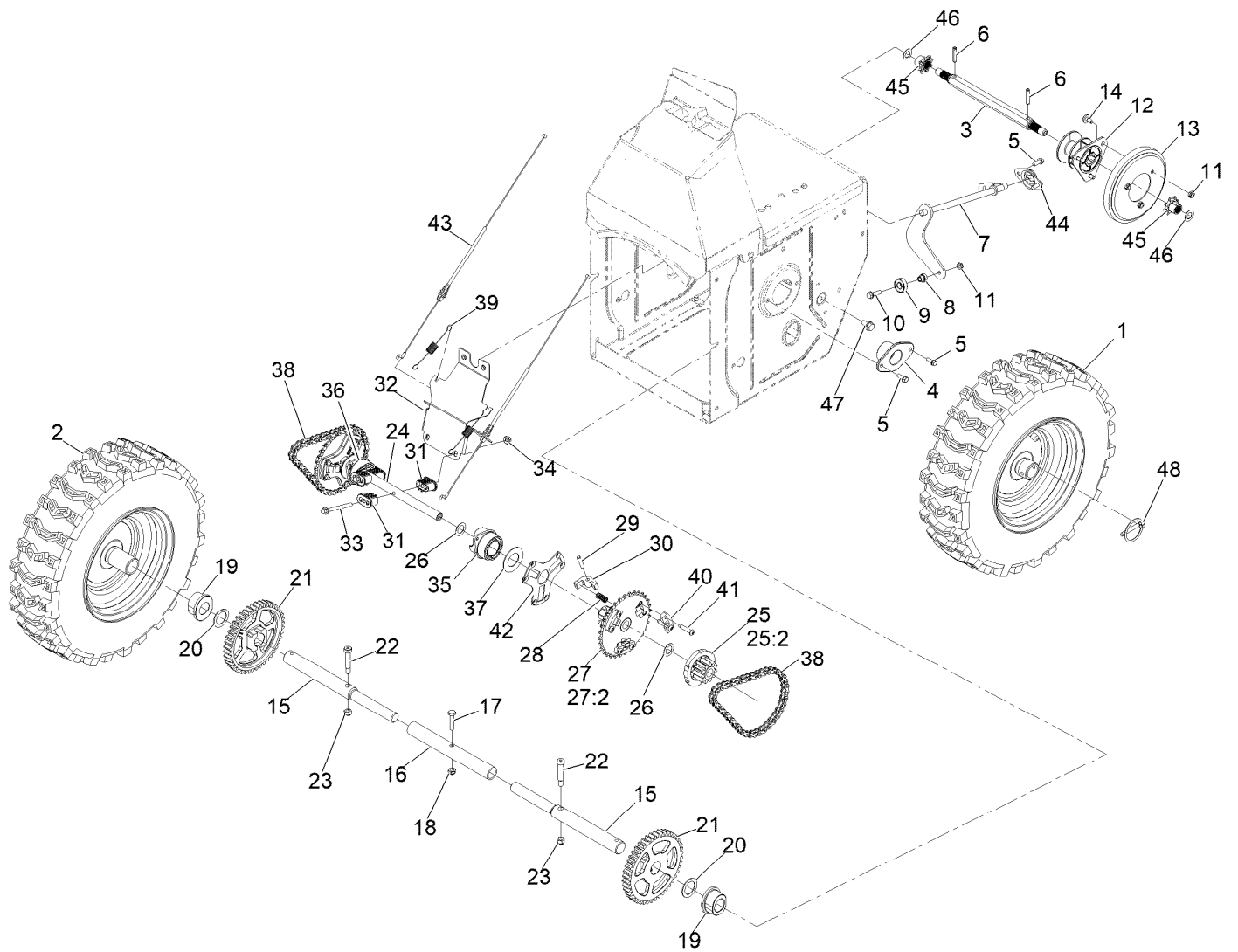
Engine Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	Engine-Kohler, Ch270 ● ■	16	142-5106-03	1	Cover-Belt, Back
2	144-1240	2	Sheave-Traction	17	144-1625	1	Engine Plate ASM (G250)
3	144-1241	1	Spacer-Pulley	17:1	144-1626	1	Plate-Engine
4	137-6179	1	Pulley-Impeller	17:2	136-7178	4	Stud-Press 95/16-18 X 1.625)
5	109-7299	1	Belt,3L P21 Drive	18	32144-70	4	Screw-HWH 5/16-18 X 3/4 Tf
6	144-1242	1	Spacer	19	137-3089	4	Nut-Hex
7	115-1166	1	Washer-Flat	20	138-0690	2	Screw-HH
8	120-2302	1	Screw-HH 3/8-24 X 2	21	80-3590	1	V-Belt
9	116-8721	1	Adapter	22	94-2413	1	Nut-U 5/16-18
10	01-201-4520	1	Cap	23	116-7659-03	1	Spacer-Cover, Belt
11	133-8062	1	Decal-Arrestor, Spark	24	136-6644-03	1	Bracket-Control, Traction
12	126-4178-03	1	Deflector-Debris, Muffler	25	32144-85	2	Screw-HWH 1/4-20 X .62
13	33103-025	1	Screw-HHF M6-1 X 25Mm				
15	144-2816	1	Guide-Belt				

● Not serviced separately

■ Obtain parts from www.kohlerplus.com

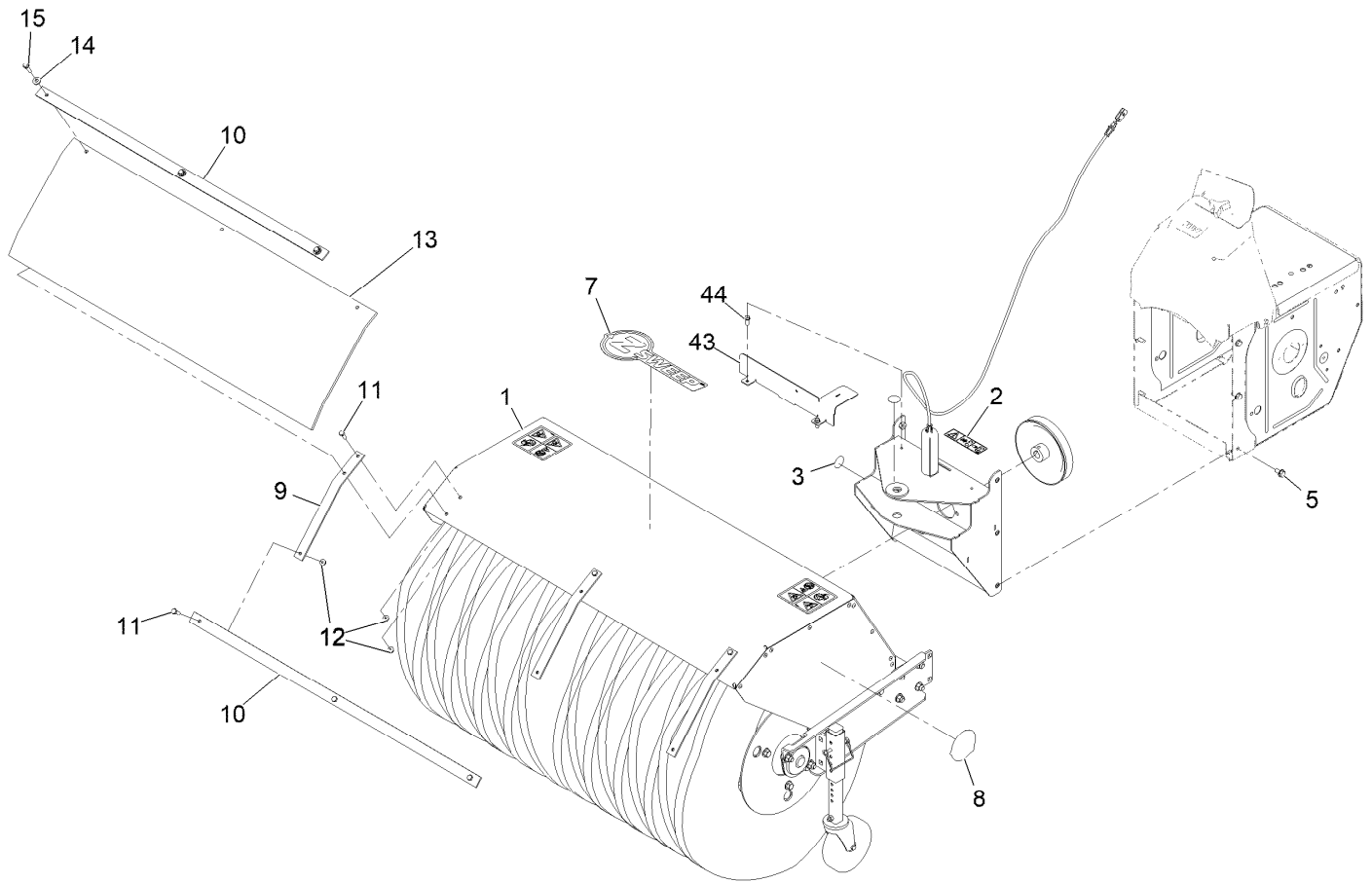
Traction Drive Assembly



Traction Drive Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	136-6668	1	LH Wheel And Tire ASM	25:2	108-2973	2	Bushing-Flange
2	136-6667	1	RH Wheel And Tire ASM	26	108-0015	4	Washer-Flat
3	125-1135	1	Shaft-Hex	27	107-8895	2	32T Sprocket ASM
4	108-7319	2	Retainer-Bearing	27:2	108-2973	2	Bushing-Flange
5	32144-85	6	Screw-HWH 1/4-20 X .62	28	107-8885	6	Spring-Compression
6	32121-9	2	Pin-Roll, Slotted	29	107-8899	6	Pin-Dowel
7	137-6162	1	Shift Rod	30	107-8879	6	Pawl-Clutch
8	119-7684	1	Spacer-Plate, Shift	31	107-8889	4	Guide-Collar
9	121-6835	1	Bearing-Ball	32	136-6648-03	1	Brace-Shift, Collar
10	32144-86	1	Screw-HWH 1/4-20 X 1 Tf	33	138-3653	2	Screw-HHF 1/4-20 X 2 3/4
11	137-3091	4	Nut-Hex	34	119-4040	2	Nut-HF, NI
12	119-7630	1	Trunnion	35	107-8887	1	Collar-Shift, LH
13	119-1567	1	Wheel-Friction	36	107-8888	1	Collar-Shift, RH
14	137-6246	3	Screw-Shoulder	37	107-8891	2	Washer-Thrust
15	136-6640	2	Axle	38	108-0016	2	Chain-Roller
16	106-7259	1	Tube-Axle	39	107-8893	2	Spring-Extension
17	137-3051	1	Screw-HH	40	107-8880	6	Support-Pawl
18	137-3089	1	Nut-Hex	41	137-3010	12	Screw-BHCS
19	136-6641	2	Bushing-Axle	42	136-7318	2	Retainer-Pawl, Pin
20	138-0725	2	Washer-Thrust	43	107-8896	2	Cable-Clutch
21	136-6642	2	Gear-Axle	44	136-6647-03	1	Retainer-Rod, Shift
22	138-0720	2	Bolt-Shoulder, HSH	45	125-1134	2	Gear-Pinion, 8 Tooth
23	137-3093	2	Nut-Hex	46	36-4780	2	Washer
24	107-8883	1	Shaft-Intermediate	47	32144-14	2	Screw-HWHTF
25	107-8894	2	11T Gear ASM	48	138-3642	2	Pin-Klik

Broom Head and Shield Assembly

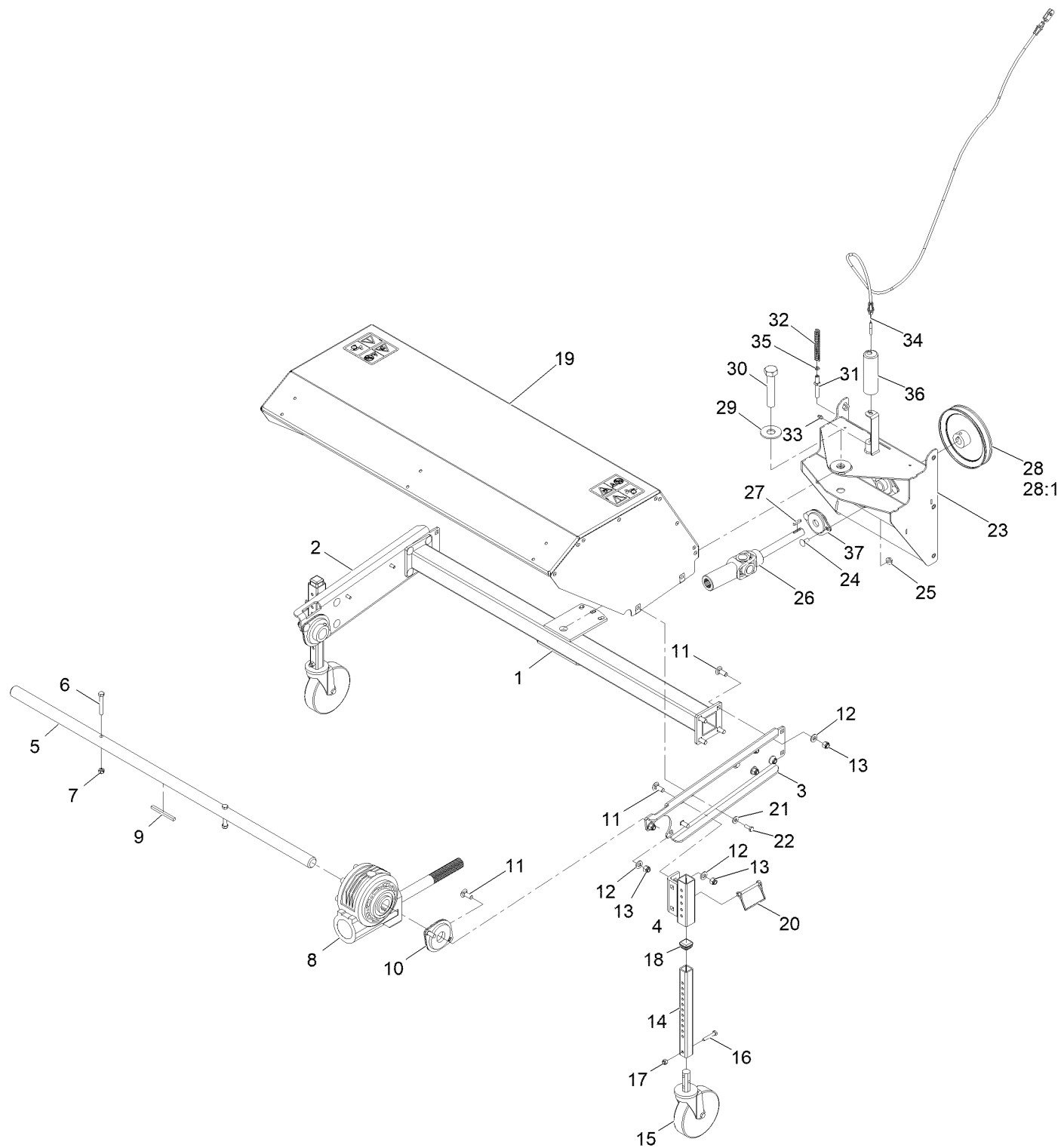


Broom Head and Shield Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	Mb Broom ●	11	137-3042	6	Screw-HH
2	112-9028	1	Decal-Cover, Missing	12	104-7201	9	Nut-Nyloc 1/4-20 Flg
3	115-2903	2	Decal-Grease	13	116-8864	1	Deflector-Broom
5	32144-14	6	Screw-HWHTF	14	3256-2	3	Washer-1/4 Std
7	142-5432	1	Decal-Z-Sweep Logo	15	120-4654	3	Screw-HHF 1/4-20 X 1
8	142-3051	2	Decal-Z-Logo	43	139-9928-03	1	Plate-Cover
9	116-8869-03	3	Strap-Support, Deflector	44	32144-85	2	Screw-HWH 1/4-20 X .62
10	116-8880-03	2	Strap-Support, Broom Deflector				

● Not serviced separately

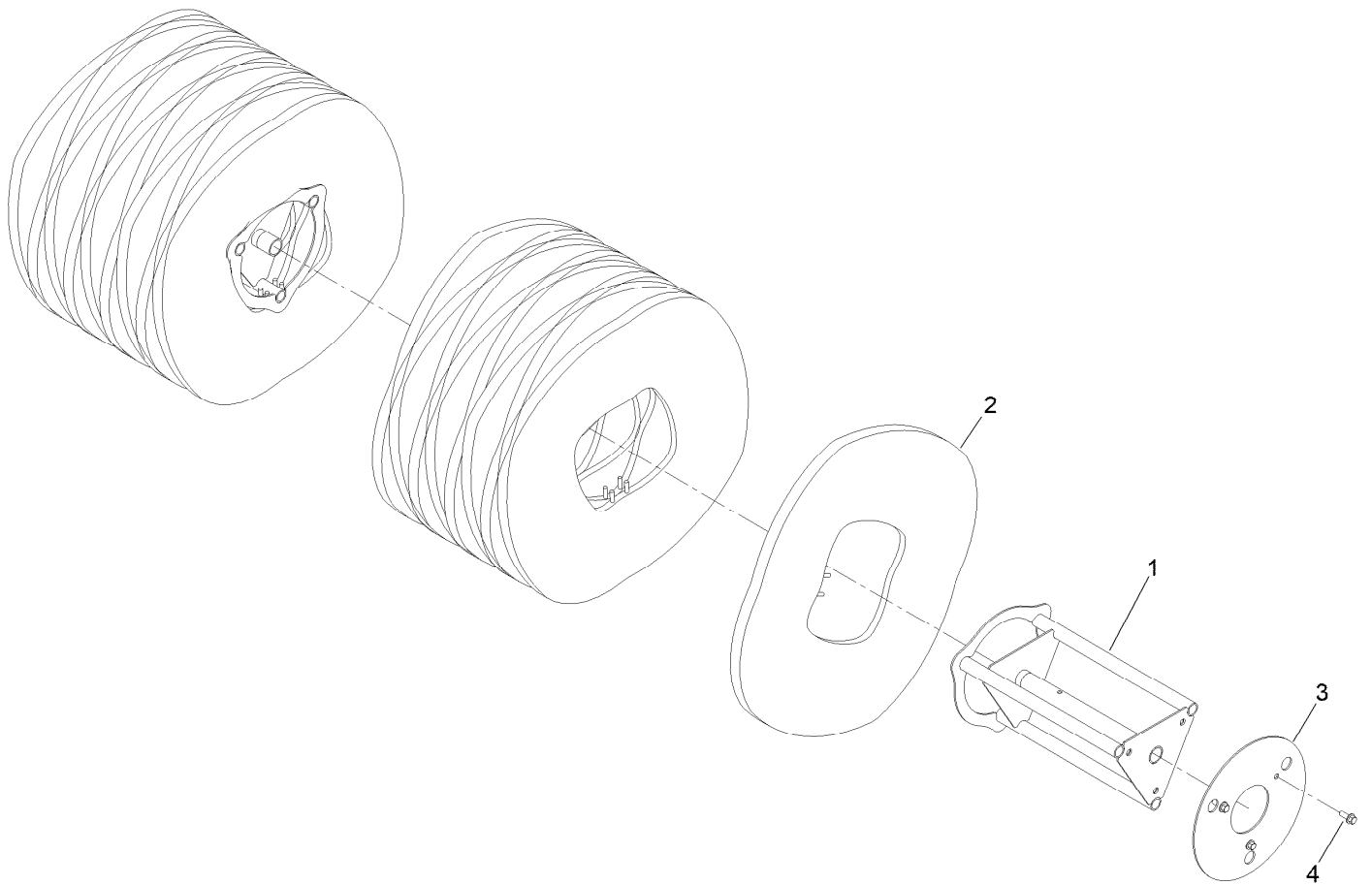
Hood and Frame Assembly



Hood and Frame Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	144-0338	1	Frame	20	116-8224	2	Pin-Wire, Lock
2	144-0335	1	Arm-Right	21	120-9646	4	Washer-Flat
3	144-0336	1	Arm-Left	22	137-3042	4	Screw-HH
4	144-0337	2	Caster-Bracket	23	139-9942-03	1	Frame-Mounting [black]
5	116-8114	1	Shaft	24	3230-1	4	Bolt-Carriage 5/16-18 X 3/4
6	120-9738	2	Screw-HH	25	32128-20	4	Nut-Whizlock 5/16-18
7	119-4038	2	Nut-Hex Nyloc 5/16-18	26	116-8104	1	Shaft-Drive
8	116-8115	1	Gearbox-Worm	27	116-8105	1	Key-Round End
9	83-2800	1	Key-Straight	28	116-7930	1	Pulley-Impeller
10	116-8116	2	Bearing-Flange	28:1	3246-18	2	Setscrew-5/16-18 X 3/8
11	139-2590	16	Screw-CARR	29	3256-8	1	Washer
12	115-1166	16	Washer-Flat	30	3216-7	1	Screw-HH 3/4-16 X 3 3/4
13	137-3087	16	Nut-Hex	31	116-8106	1	Pin-Swing
14	116-8223	2	Tube-Square, Height Adjust	32	116-8107	1	Spring-Compression
15	116-8117	2	Caster-Wheel	33	302-19	1	Zerk-1/4-28 Str
16	137-3050	2	Screw-HH	34	116-7671	1	Cable-Angle, Broom
17	137-3088	2	Nut-Hex	35	3217-26	1	Nut-Hex
18	103-3202	2	Cap	36	116-8108	1	Cap
19	144-0340	1	Hood ASM, Black W/ Decals	37	116-8103	2	Bearing-Shaft

Broom Assembly



Broom Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	116-8119	2	Core-Broom	3	116-8121	2	Plate-End, Retainer
2	116-8120	18	Segment-Poly	4	139-2597	6	Screw-HHF

Notes:

Notes:

Place Model No. and Serial No.
Label Here (Included in the Literature
Pack) or Fill in Below

Model No. _____

Serial No. _____

Date Purchased _____

Engine Model No. and Spec. No. _____

Engine Serial No. (E/No) _____



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