Form No. 3378-187 Rev A

TORO®

Count on it.

Parts Catalog

Walk-Behind Rotary Broom

Model No. 23740—Serial No. 313000001 and Up

Model No. 38700—Serial No. 313000001 and Up

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

3378-187 A

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.

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

DPA: Dual Point Adjustment

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

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

LH: left hand

LP: Liquefied Petroleum Gas

LPG: Liquefied Petroleum Gas

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

RRB: rear roller brush

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

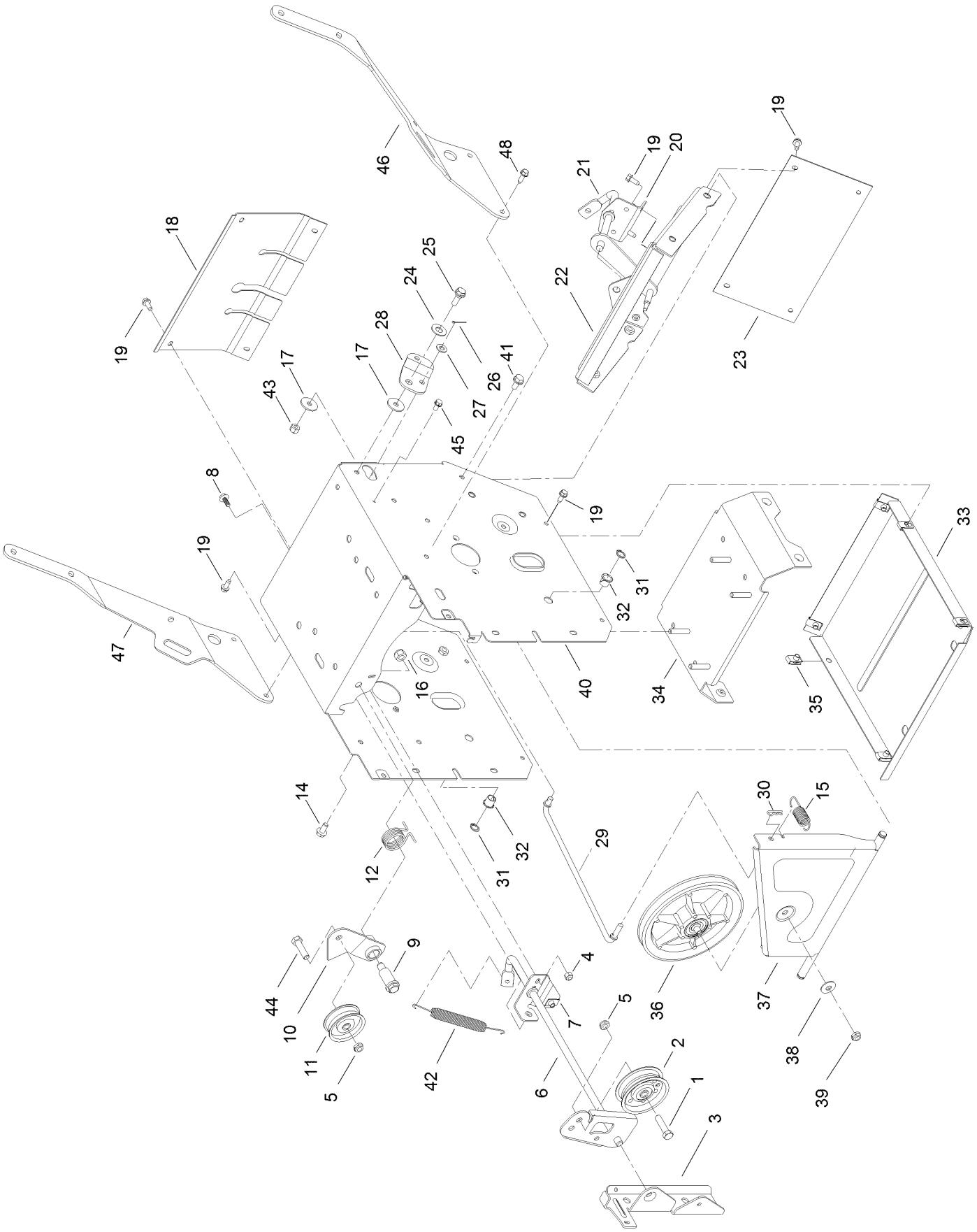
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Frame Assembly

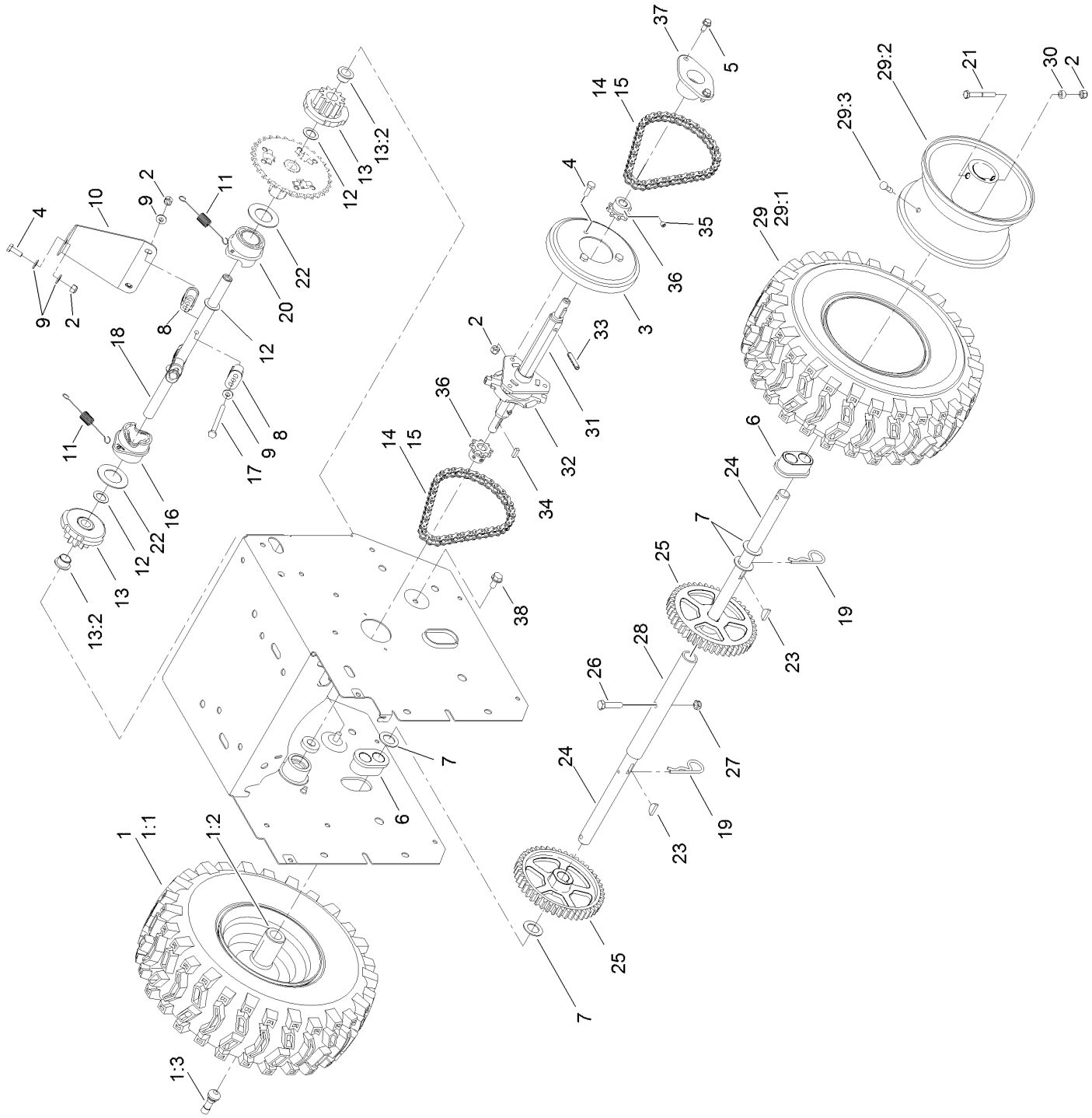


Frame Assembly (continued)

Ref.	Part Number	Qty.	Description
1	323-8	1	Screw-HH
2	92-7104	1	Pulley-Idler
3	107-1039	1	Bracket-Idler, Impeller
4	3296-42	1	Nut-Lock, NI
5	3296-59	2	Nut-Lock, NI
6	107-3838-03	1	Impeller Clutch ASM
7	120-9824	1	Bracket-Clutch, Impeller
8	99-6810	1	Screw-HH
9	108-5056	1	Bolt-Shoulder ●
10	108-5058	1	Arm-Idler, Traction
11	3-4244	1	Pulley-Idler
12	108-7332	1	Spring-Torsion
14	3234-7	2	Screw-HHF
15	107-1003	1	Spring-Extension
16	3296-76	1	Nut-Lock, NI
17	5-4460	2	Washer-Pivot
18	108-0022-01	1	Cover-Upper
19	32144-10	13	Screw-HWH
20	108-0036	1	Bracket-Rod, Shift
21	106-7268	1	Lever-Control, Traction
22	108-0026-03	1	Shift Plate ASM
23	106-7345-01	1	Cover-Lower
24	25-5640	1	Washer
25	27-0410	1	Screw-Shoulder
26	3272-4	1	Pin-Cotter
27	3256-23	1	Washer-Flat
28	107-1011	1	Bellcrank-Drive
29	106-4467	1	Link-Control, Speed
30	3290-307	1	Pin-Hair
31	32151-61	2	Ring-Retaining
32	256-257	2	Bushing-Nyliner
33	106-7330-01	1	Pan-Bottom
34	116-7678	1	Brace-Frame
35	107069	8	Clip
36	108-0031	1	Pulley-Traction
37	108-7307	1	Bracket-Wheel, Friction
38	3290-340	1	Washer-Belleville
39	3296-5	1	Nut-Lock
40	120-9832-01	1	Traction Frame ASM
41	32144-14	4	Screw-HWHTF
42	108-2976	1	Spring-Extension
43	3296-29	1	Nut-Lock, NI
44	323-29	1	Screw-HH
45	32144-4	1	Screw-HWH
46	116-7672-03	1	Brace-Handle, LH
47	116-7673-03	1	Brace-Handle, RH
48	32144-44	4	Screw-HWH, Thread Roll

● Apply light coat of anti-seize to pivot surface.

Drive Assembly



Drive Assembly (continued)

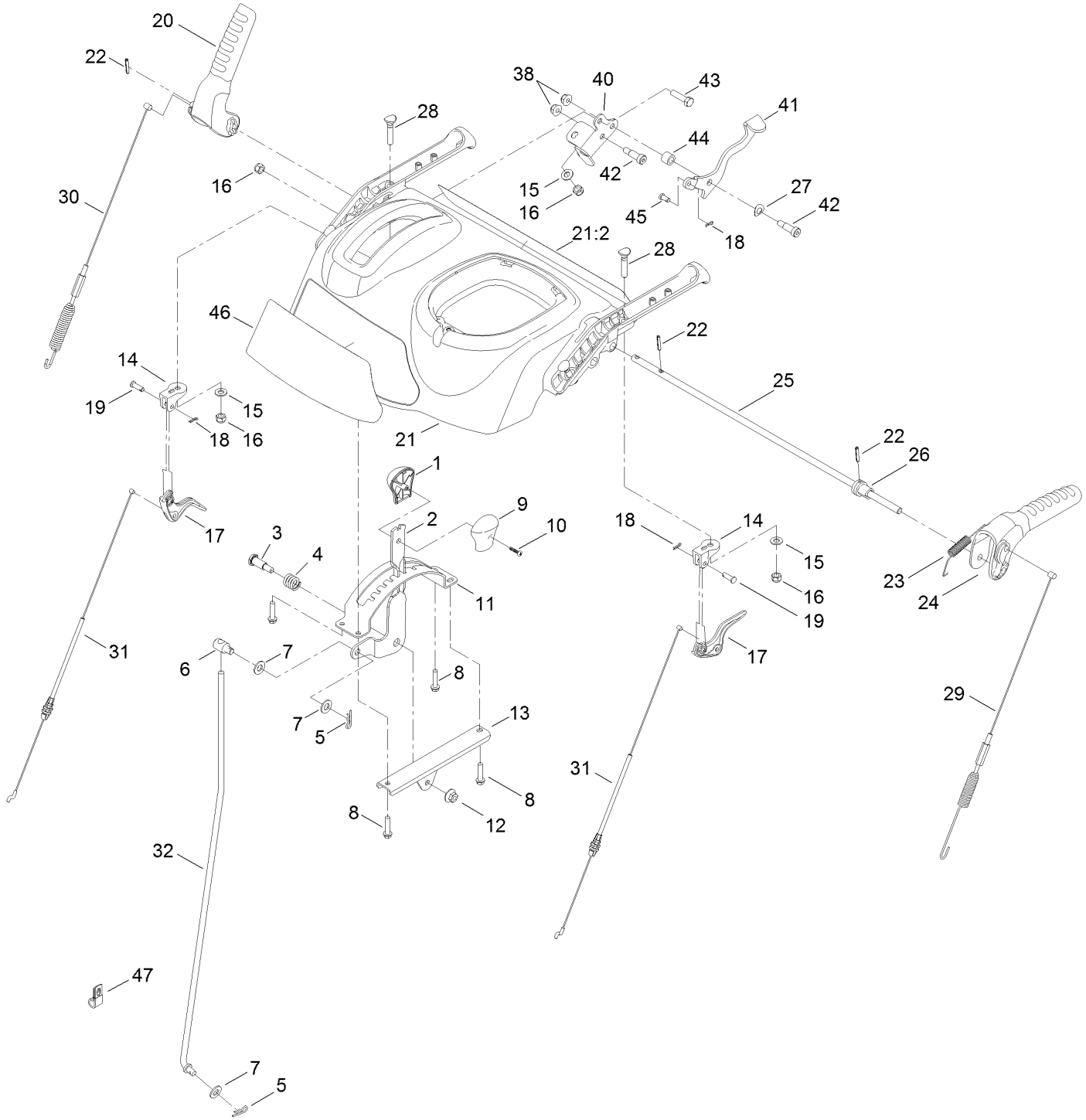
Ref.	Part Number	Qty.	Description
1		1	RH Wheel And Tire ASM ●
1:1	107-3042	1	Tire
1:2	107-3043	1	Rim-Tire
1:3	232-27	1	Stem-Valve
2	3296-42	8	Nut-Lock, NI
3	119-1567	1	Wheel-Friction
4	321-4	4	Screw-HH
5	32144-10	4	Screw-HWH
6	106-4558	2	Bearing-Axle
7	3-8664	4	Washer-Thrust
8	107-8889	4	Guide-Collar
9	3256-22	6	Washer-Flat
10	107-8892-03	1	Brace-Collar, Shift
11	107-8893	2	Spring-Extension
12	108-0015	4	Washer-Flat
13	107-8894	2	11T Gear ASM
13:2	108-2973	2	Bushing-Flange
14	108-0016	2	Chain-Roller
15	2710-6	2	Link-Connecting
16	107-8888	1	Collar-Shift, RH
17	321-23	2	Screw-HH
18	107-8883	1	Shaft-Intermediate ■
19	3290-343	2	Pin-Hair
20	107-8887	1	Collar-Shift, LH
21	108-2975	2	Screw-HH
22	107-8891	2	Washer-Thrust
23	3257-7	2	Key-Woodruff
24	107-8898	2	Shaft-Axle
25	106-4572	2	Gear-Axle, 44 Tooth
26	322-17	1	Screw-HH
27	3296-47	1	Nut-Lock, NI
28	106-7259	1	Tube-Axle
29		1	LH Wheel And Tire ASM ●
29:1	107-3042	1	Tire
29:2	107-3043	1	Rim-Tire
29:3	232-27	1	Stem-Valve
30	55-9370	2	Spacer-Blade, Rotor
31	116-7908	1	Shaft-Hex ▲
32	106-4434	1	Trunnion-Hex
33	32121-9	2	Pin-Roll, Slotted
34	94-8850	2	Key-Square
35	3245-32	4	Screw-HSH
36	106-7317	2	Sprocket-8 Tooth
37	108-7319	2	Retainer-Bearing
38	32144-14	2	Screw-HWHTF

● Not serviced separately

▲ Apply light coat of oil to hex portion of shaft.

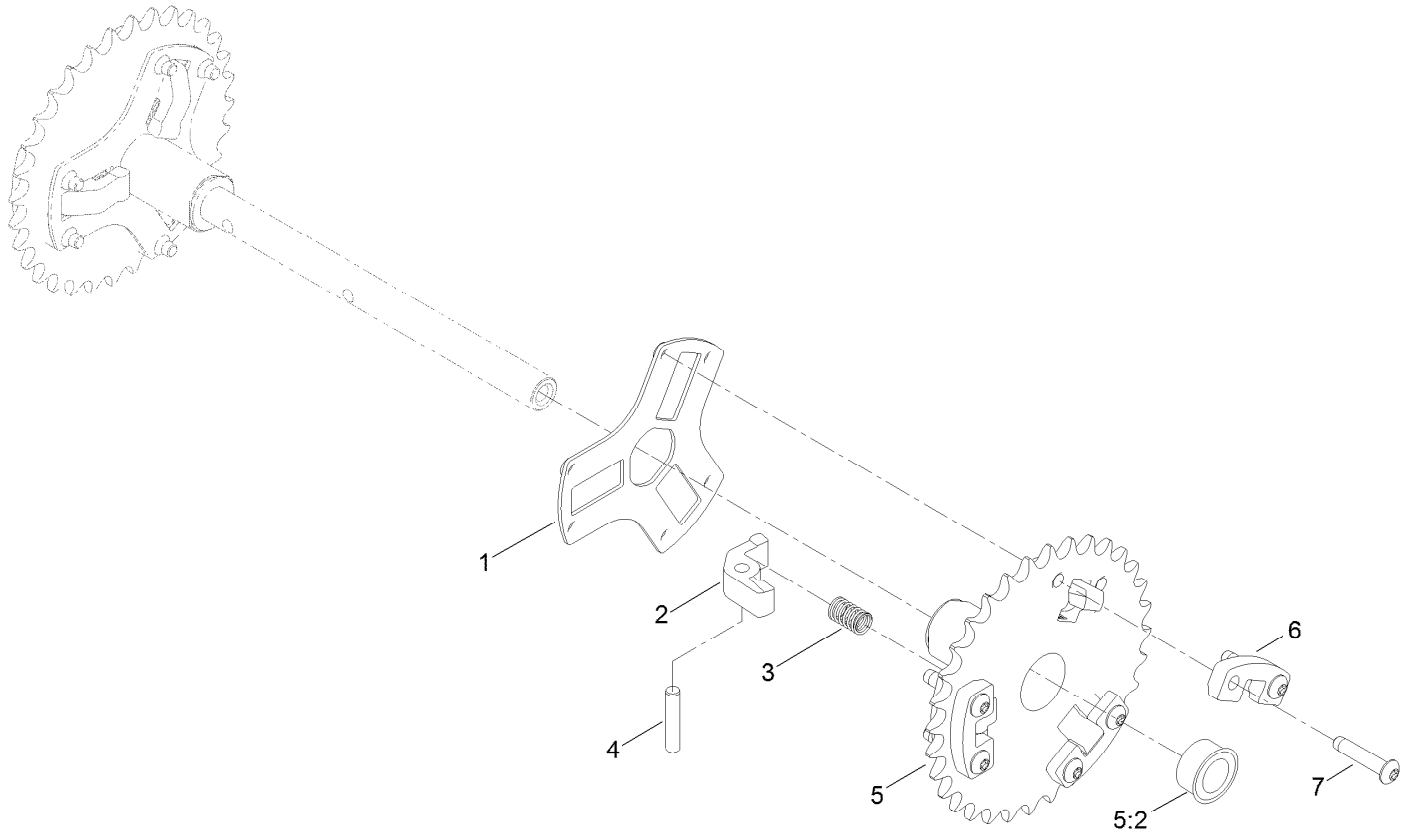
■ Apply light coat of oil before assembly.

Control Panel Assembly



Control Panel Assembly (continued)

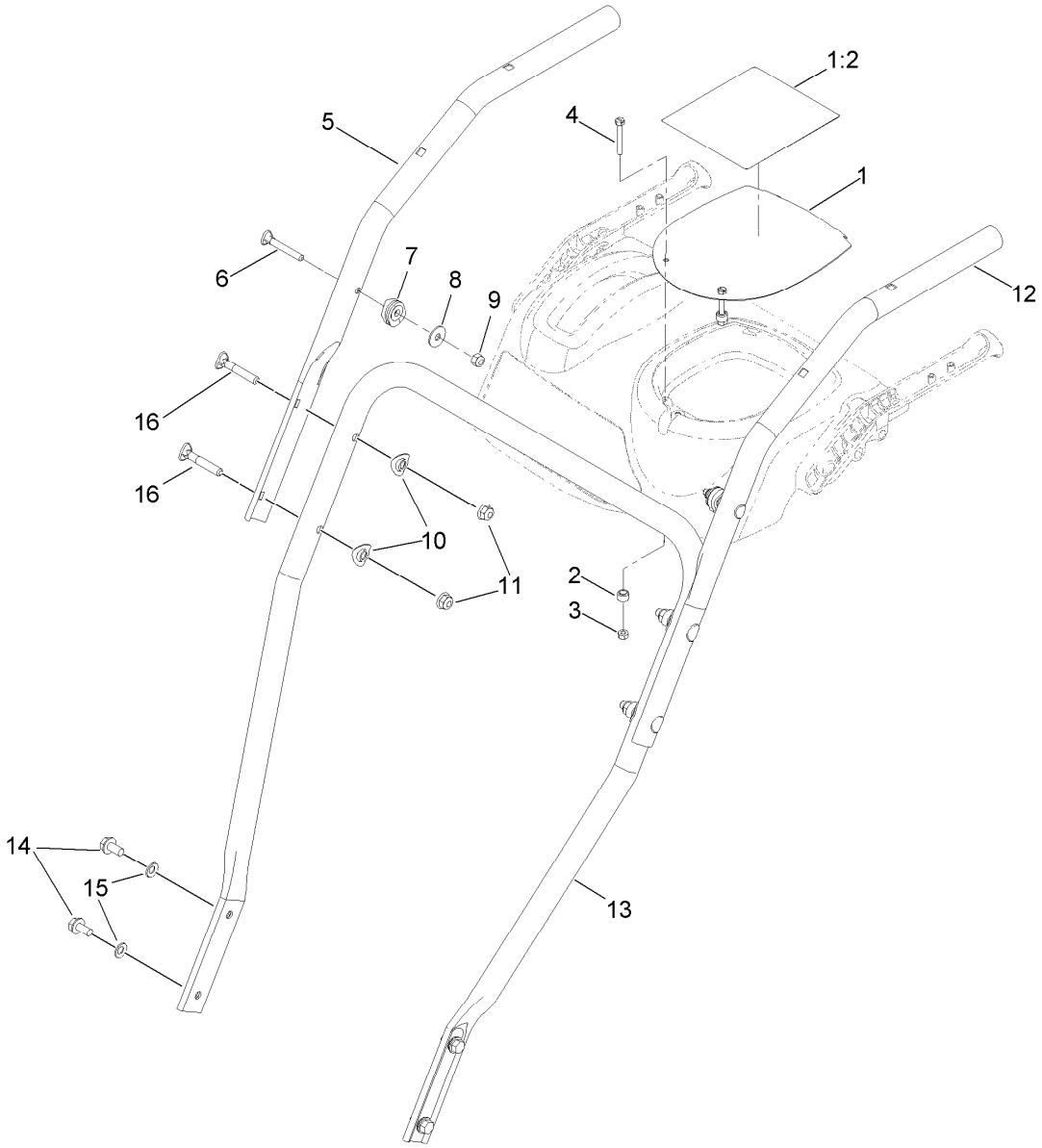
Ref.	Part Number	Qty.	Description
1	106-4423	1	Knob-Shift, RH
2	106-7278-03	1	Selector-Speed
3	63-2650	1	Screw-Shoulder
4	108-7313	1	Spring-Compression
5	3290-307	2	Pin-Hair
6	110-3446	1	Trunnion-Rod
7	3256-24	3	Washer-Flat
8	46-8092	4	Screw-Plastite
9	105-9999	1	Knob-Shift, LH
10	94-4496	1	Screw-PPH
11	106-7277-03	1	Guide-Selector, Speed
12	32128-13	1	Nut-HHF
13	106-7279-03	1	Mount-Selector, Speed
14	105-9980	2	Mount-Clutch, Lever
15	3256-70	4	Washer-Flat
16	3296-72	5	Nut-Lock, NI
17	106-4505	2	Lever-Clutch
18	108-2992	3	Pin-Hair
19	1-808265	2	Pin-Clevis
20	106-4413	1	Lever-Auger
21	126-0063	1	Control Panel ASM
21:2	126-0017	1	Decal-Control Panel
22	32121-125	3	Pin-Spring
23	107-3001	1	Spring-Tension
24	106-4410	1	Lever-Traction
25	105-9996	1	Rod-Lockout
26	107-1043	1	Cam-Lockout
27	3290-212	1	Washer-Spring
28	107-3018	4	Screw-Handle
29	120-0132	1	Cable-Traction
30	115-5685	1	Cable-Auger
31	107-8896	2	Cable-Clutch
32	107-1005	1	Rod-Shift
38	104-8300	2	Nut-Flange, NI
40	116-7669	1	Bracket-Lever, Broom Angle
41	116-7670	1	Lever-Thumb, Broom Angle
42	119-6915	2	Screw-Shoulder, HSH
43	322-6	1	Screw-HH
44	116-7793	1	Tube-Spacer
45	146319	1	Pin-Clevis
46	126-0016	1	Decal-Toro Power Broom
47	1-323229	1	Clip-Loom



Wheel Clutch Sprocket Assembly

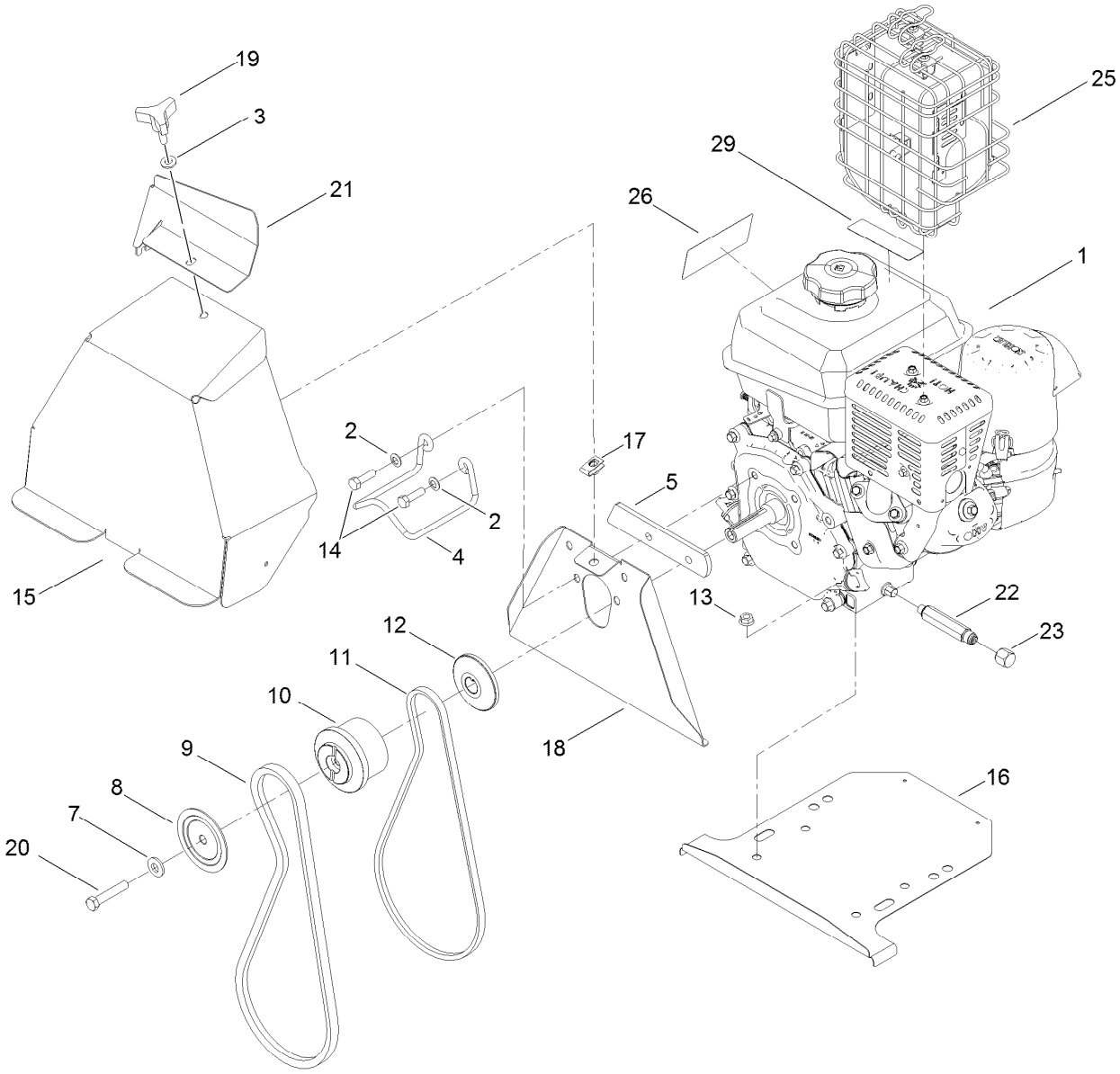
Ref.	*Part Number*	*Qty.*	*Description*
1	107-8886	2	Retainer-Pin, Pawl
2	107-8879	6	Pawl-Clutch
3	107-8885	6	Spring-Compression
4	107-8899	6	Pin-Dowel ●
5	107-8895	2	32T Sprocket ASM
5:2	108-2973	2	Bushing-Flange
6	107-8880	6	Support-Pawl
7	108-0035	12	Screw-Torx Button Head

● Apply light coat of oil before assembly.



Handle Assembly

Ref.	Part Number	Qty.	Description
1	116-7788	1	Panel, Control
1:2	116-7370	1	Decal-Warning
2	55-9370	2	Spacer-Blade, Rotor
3	3296-2	2	Nut-Lock, NI
4	32105-5	2	Screw
5	108-0038-03	1	Handle-Upper, RH
6	95-4453	2	Screw
7	106-4509	2	Clamp-Cable
8	87-6630	2	Washer-Plain
9	3296-73	2	Nut-Lock, NI
10	107-3844	4	Washer
11	104-8300	4	Nut-Flange, NI
12	108-0037-03	1	Handle-Upper, LH
13	105-9981-03	1	Handle-Lower
14	32144-14	4	Screw-HWHTF
15	3290-475	4	Washer-Belleville
16	92-2260	4	Screw-Handle

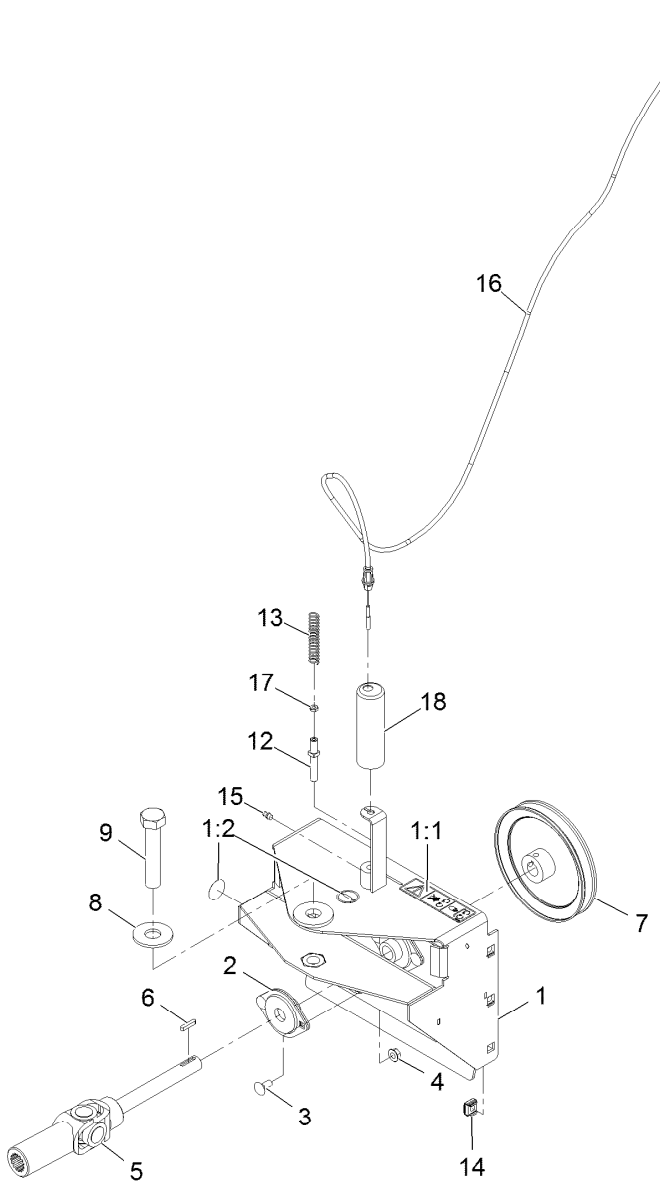


Engine and Pully Assembly

Ref.	Part Number	Qty.	Description
1		1	Engine-Kohler, Ch270 ●▲
2	3290-475	2	Washer-Belleville
3	1-303334	1	Washer-Spring
4	107-3835	1	Guide-Belt
5	116-7659-03	1	Spacer-Cover Belt
7	98-5975	1	Washer-Belleville
8	112-8139	1	Sheave-Half, Impeller ■
9	1-653332	1	Belt-Blower
10	112-8117	1	Pulley-Engine, Center ■
11	94-8812	1	V Belt-Traction
12	112-8138	1	Sheave-Half, Traction ■
13	32128-20	4	Nut-HF
14	3210-6	2	Screw-HH

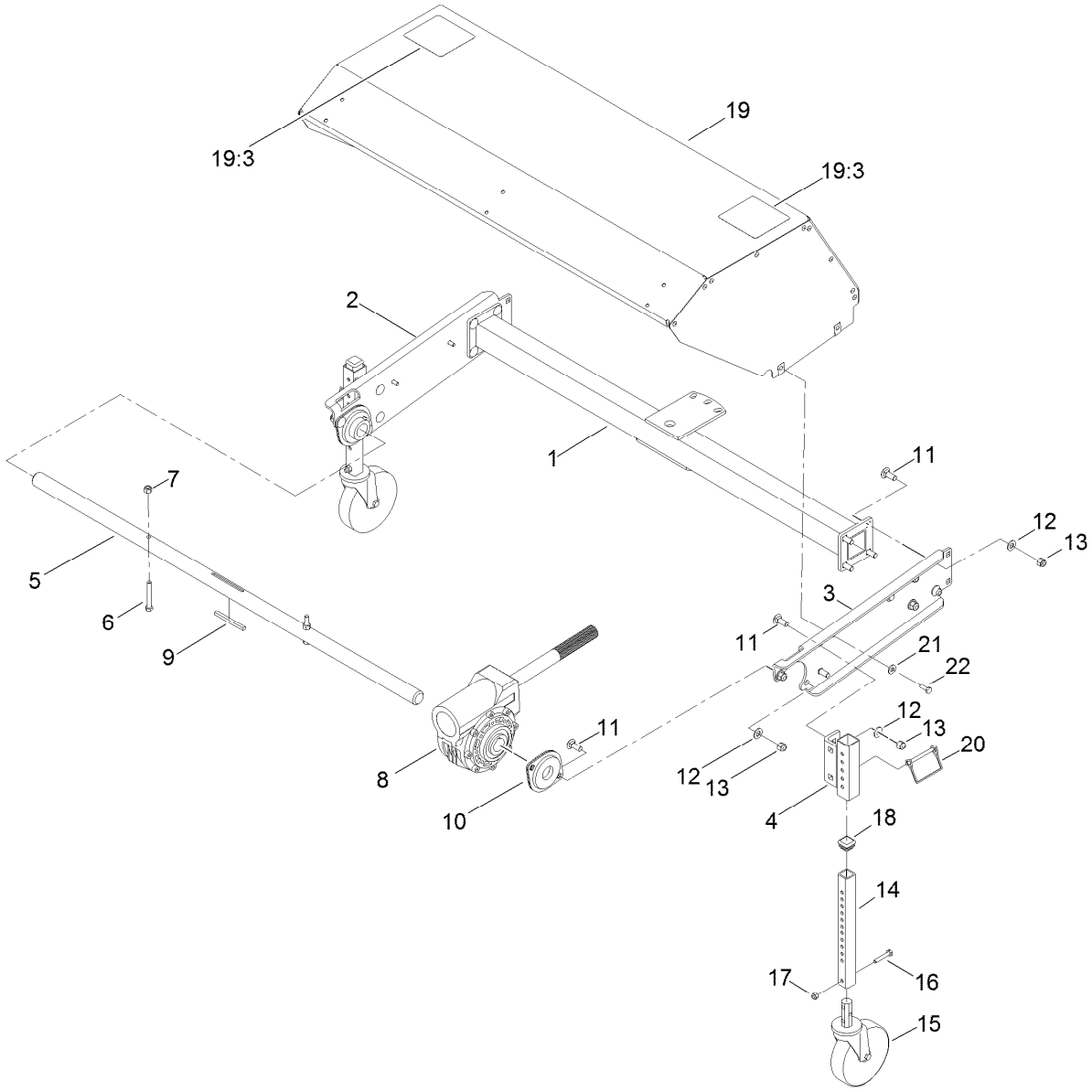
Ref.	Part Number	Qty.	Description
15	116-7258-01	1	Cover-Belt
16	116-8761-01	1	Shield-Drive
17	94-2413	1	U-Nut
18	116-7431-01	1	Cover-Belt, Back
19	106-2240	1	Knob
20	3211-9	1	Screw-HH ◆
21	116-7922-01	1	Shield-Ice
22	116-8721	1	Adapter
23	01-201-4520	1	Cap
25	116-8549	1	Guard-Muffler
26	116-8505	1	Decal-Engine Fuel
29	117-2718	1	Decal-Arrester, Spark

● Not serviced separately
▲ Obtain parts from www.kohlerplus.com
◆ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.
■ Apply anti-seize compound in bore.



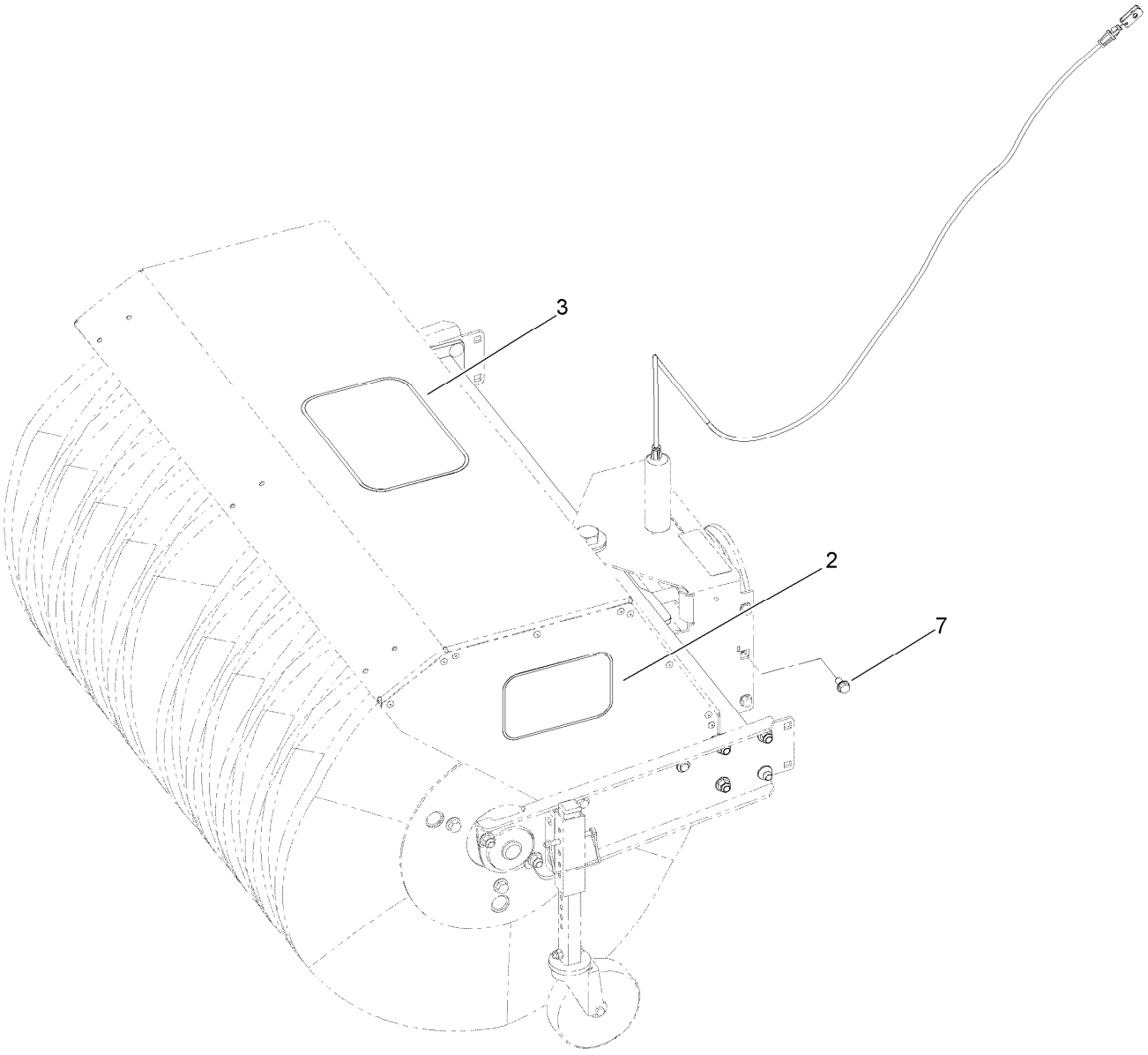
Mounting Assembly

Ref.	Part Number	Qty.	Description
1	116-8122	1	Frame-Broom, Mounting ASM
1:1	112-9028	1	Decal-Cover Missing
1:2	115-2903	2	Decal-Grease
2	116-8103	2	Bearing-.75 Shaft
3	3230-1	4	Bolt-CARR
4	32128-20	4	Nut-HF
5	116-8104	1	Driveline-Series
6	116-8105	1	Key-Round End
7	116-7930	1	Pulley-Impeller
8	3256-8	1	Washer-Flat
9	3216-7	1	Screw-HH
12	116-8106	1	Pin-Swing
13	116-8107	1	Spring-Compression
14	3290-496	6	Nut-Retainer
15	302-19	1	Fitting-Grease
16	116-7671	1	Cable-Broom Angle
17	3217-26	1	Nut-Hex
18	116-8108	1	Cap-Vinyl



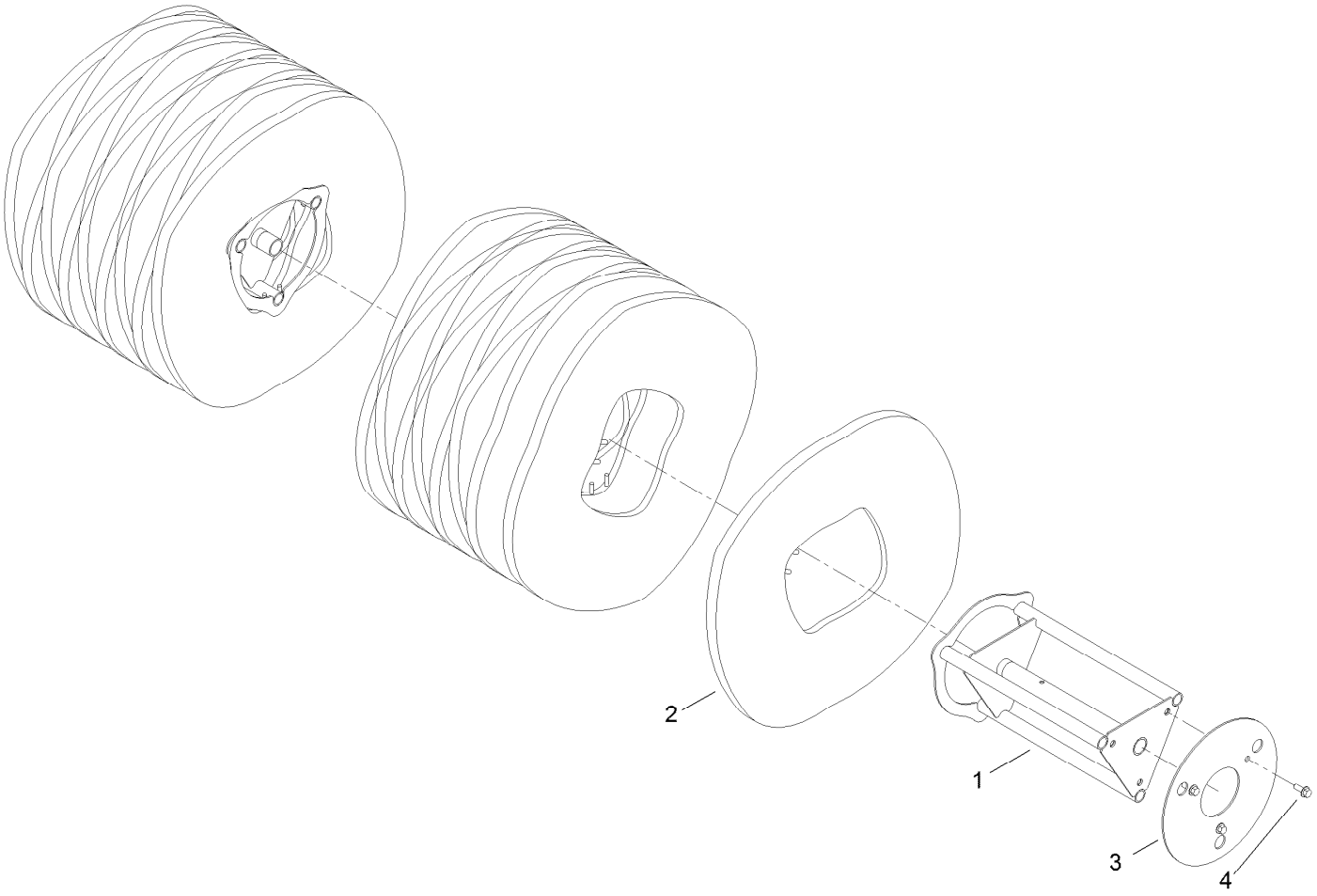
Broom Head and Frame Assembly

Ref.	Part Number	Qty.	Description
1	116-8544	1	Frame
2	116-8546	1	Arm-Right
3	116-8545	1	Arm-Left
4	116-8543	2	Caster-Bracket
5	116-8114	1	Shaft
6	322-11	2	Screw-HH
7	3296-29	2	Nut-Lock, NI
8	116-8115	1	Gearbox-Worm
9	83-2800	1	Key-Straight
10	116-8116	2	Bearing-Flange
11	3231-2	16	Bolt-CARR
12	3256-24	16	Washer-Flat
13	3296-39	16	Nut-Lock, NI
14	116-8223	2	Tube-Square, Height Adjust
15	116-8117	2	Caster-Wheel
16	321-9	2	Screw-HH
17	3296-42	2	Nut-Lock, NI
18	103-3202	2	Cap
19	116-8123	1	Broom-Hood ASM
19:3	116-8140	2	Decal-Warning
20	116-8224	2	Pin, Wire Lock
21	3256-2	4	Washer-Flat
22	321-4	4	Screw-HH



Broom Head

Ref.	*Part Number*	*Qty.*	*Description*
2	62-5550	2	Decal
3	66-6140	1	Decal
7	32144-14	6	Screw-HWHTF



Core Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	116-8119	2	Core-Broom
2	116-8120	18	Segment-Poly
3	116-8121	2	Plate-End, Retainer
4	3234-11	6	Screw-HHF

Attachments and Accessories

For 23740 Walk-Behind Rotary Broom

Product Name	Model/Part
Cab Kit	116-8227
Turf Caster Kit	116-8228
Dirt Deflector Kit	116-8229
Debris Box Kit	116-8230
Black Snow/Ice Wafers	116-8232
Yellow Turf Wafers	116-8233
Light Kit	116-8234

Notes:

Notes:



Count on it.