Form No. 3385-883 Rev C

TORO®

Count on it.

Parts Catalog

# Walk-Behind Rotary Broom

**Model No. 23740—Serial No. 315000001 and Up**

**Model No. 38700—Serial No. 315000001 and Up**

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

*3385-883* 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.

# 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

**HP:** high pressure

**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:** low pressure

**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

# Contents

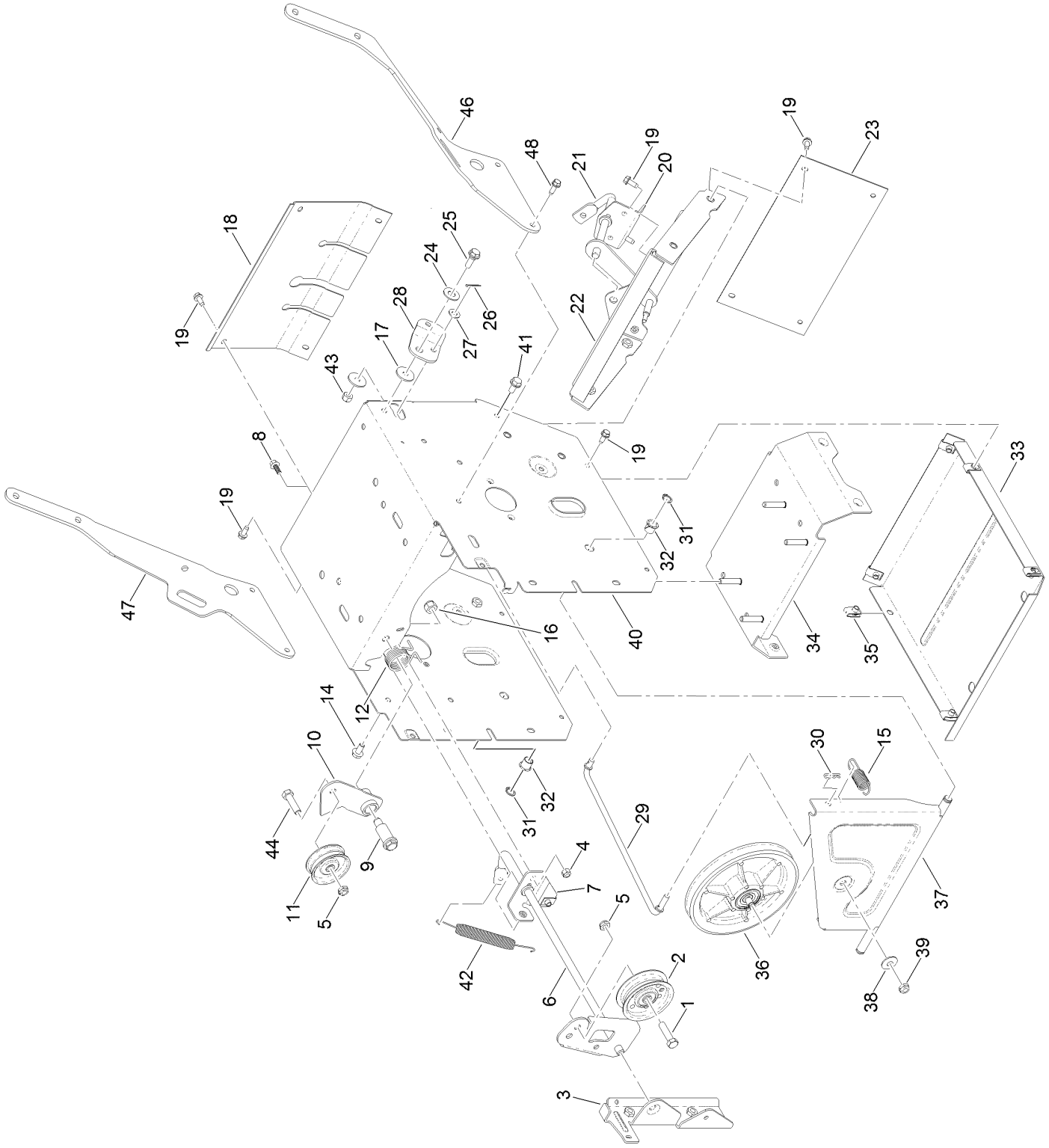
Frame Assembly . . . . . 4
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# Frame Assembly

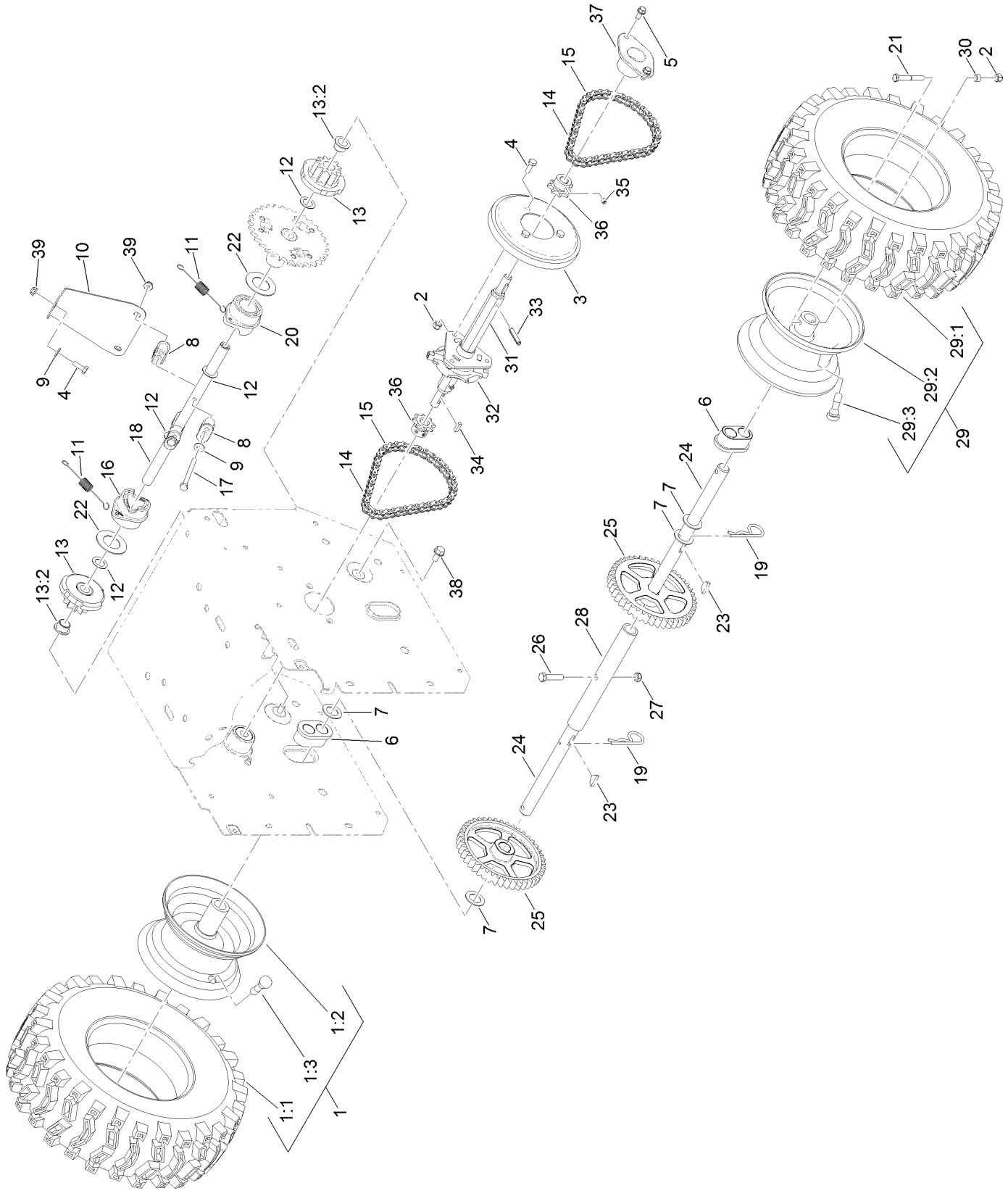


# Frame Assembly (continued)

| 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-HHF |
| 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-Cotter |
| 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 |
| 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



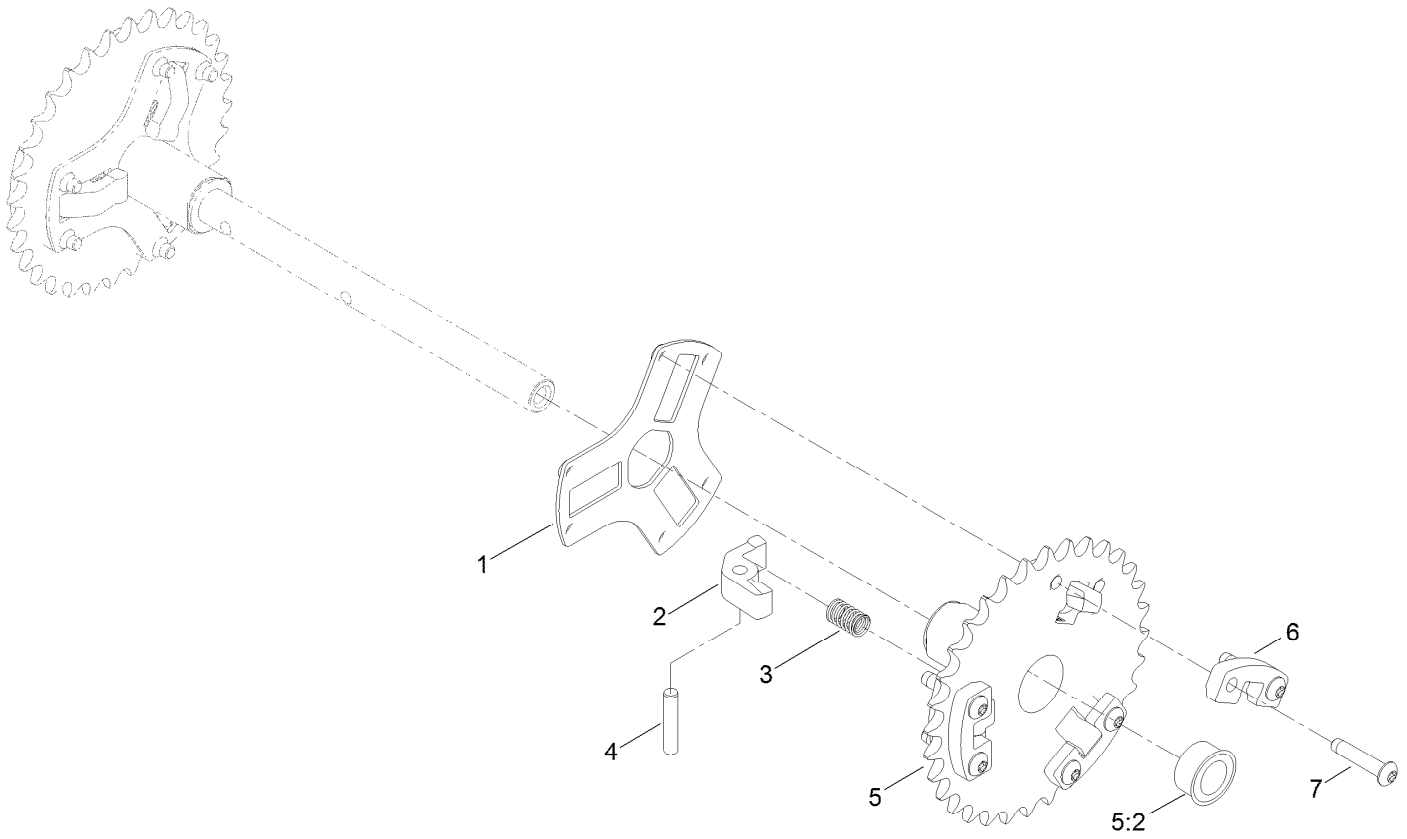
# Drive Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 126-4257 | 1 | RH Wheel And Tire ASM |
| 1:1 | 107-3042 | 1 | Tire |
| 1:2 | 126-4256 | 1 | Rim W/Valve Stem, Gray |
| 1:3 | 232-27 | 1 | Stem-Valve |
| 2 | 3296-42 | 5 | 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 | 3 | 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 | 126-4258 | 1 | LH Wheel And Tire ASM |
| 29:1 | 107-3042 | 1 | Tire |
| 29:2 | 126-4256 | 1 | Rim W/Valve Stem, Gray |
| 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 |
| 39 | 104-7201 | 3 | Nut-Flange, NI |

● Apply light coat of oil before assembly.

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

# Wheel Clutch Sprocket Assembly

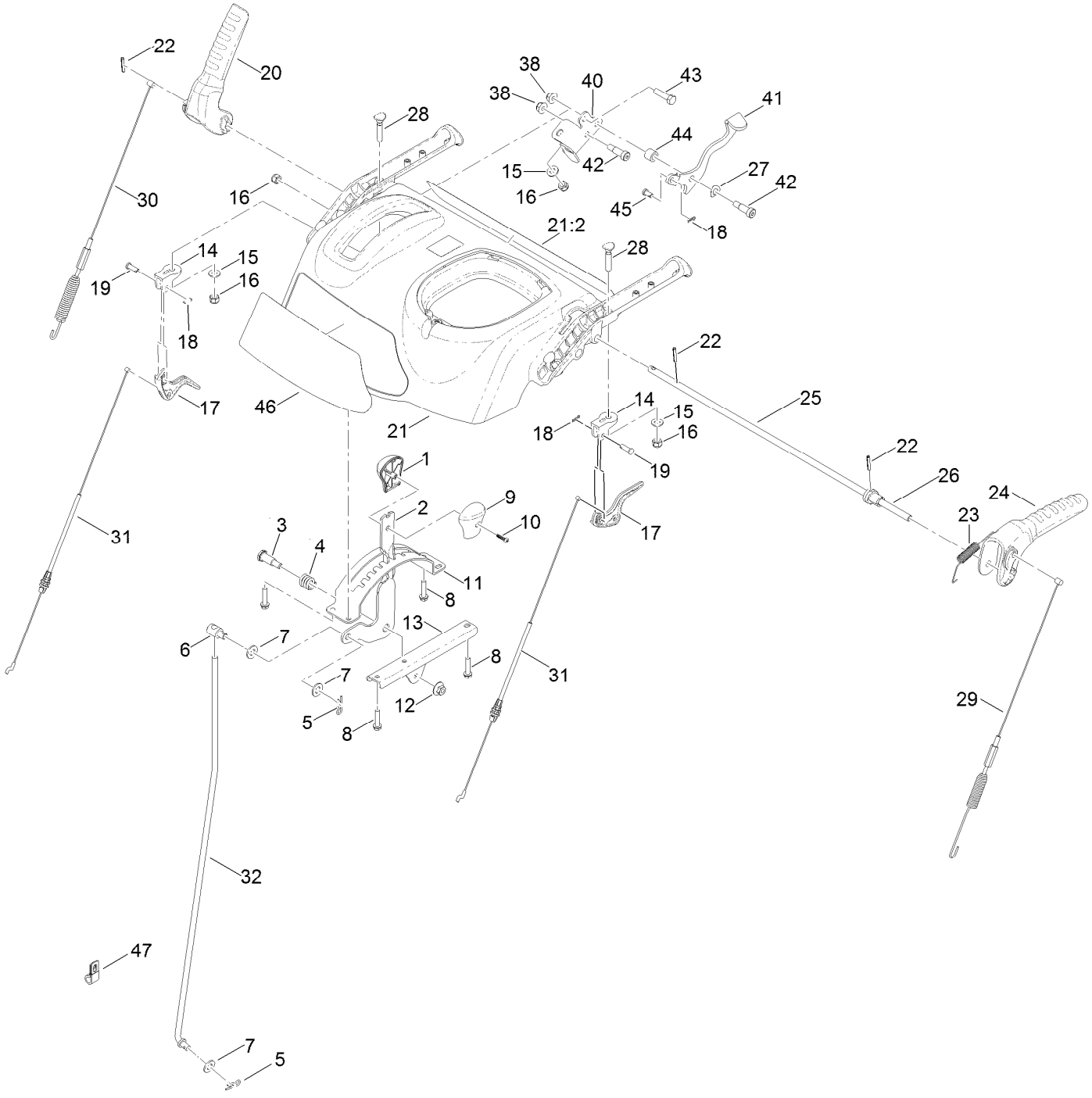


# Wheel Clutch Sprocket Assembly (continued)

| 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.

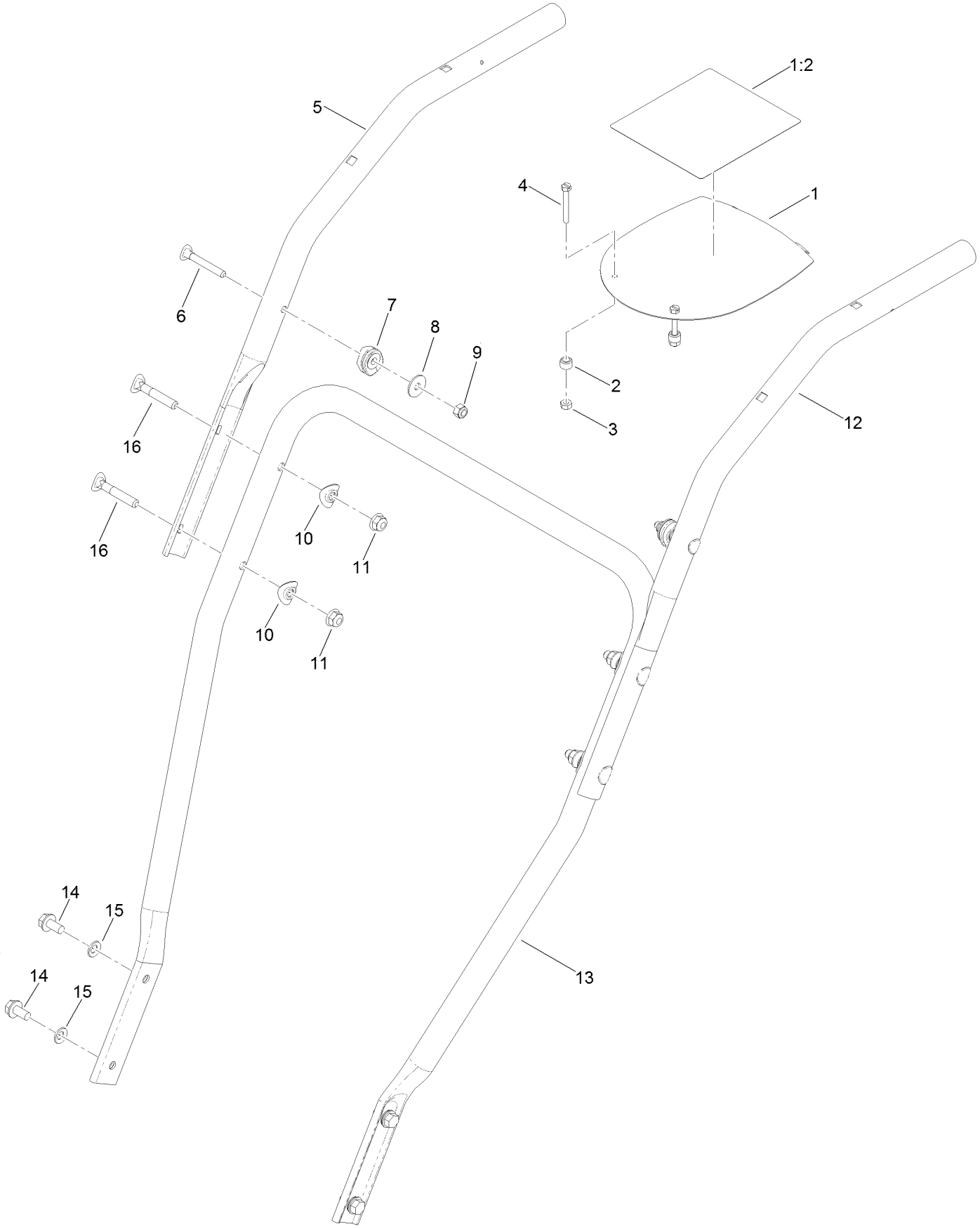
# Control Panel Assembly



# 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-Cotter |
| 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 | 130-9775-03 | 1 | Bracket-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 |

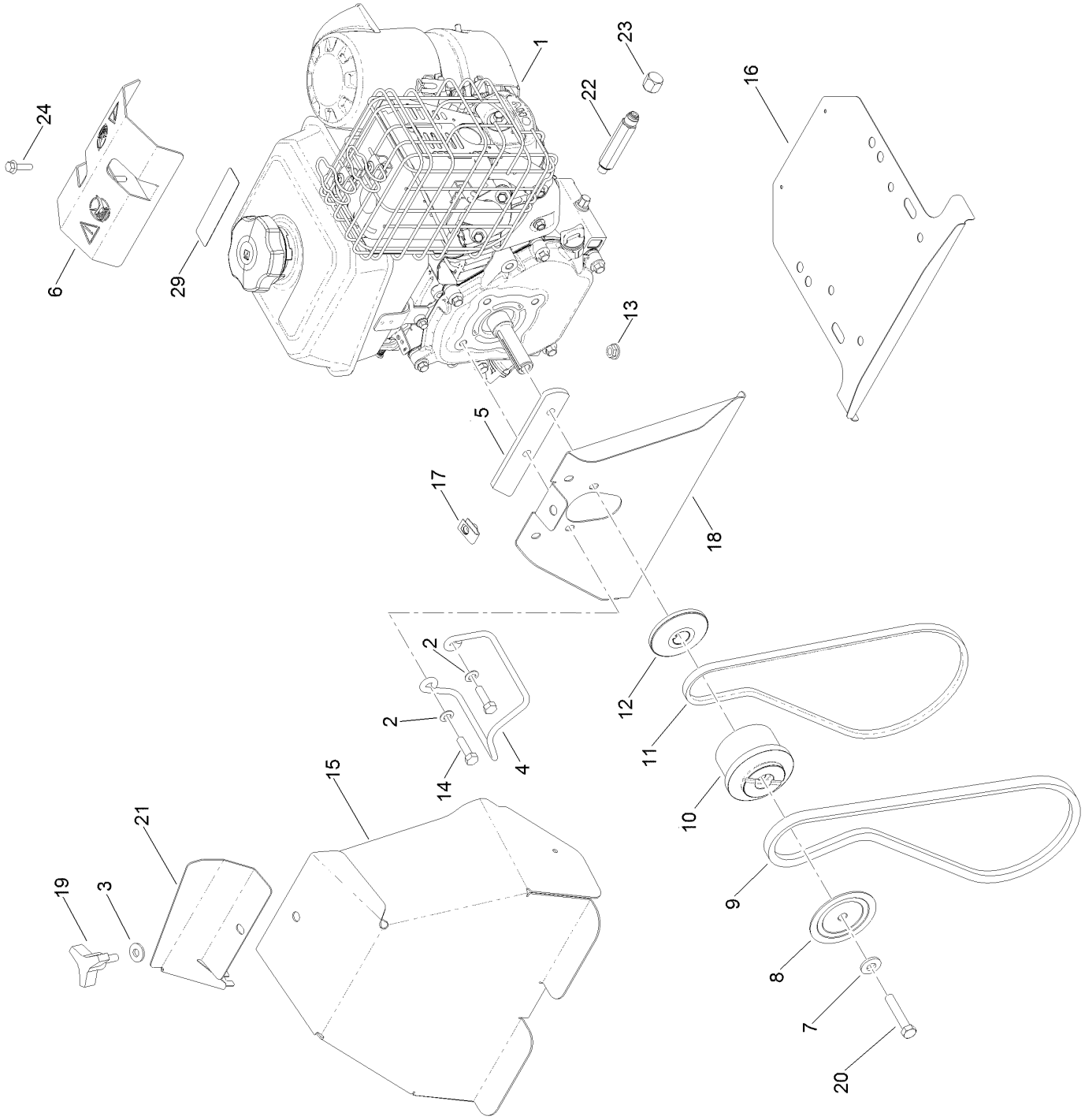
# Handle Assembly



# Handle Assembly (continued)

| 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 | 127-5953-03 | 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 | 127-5952-03 | 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 Assembly

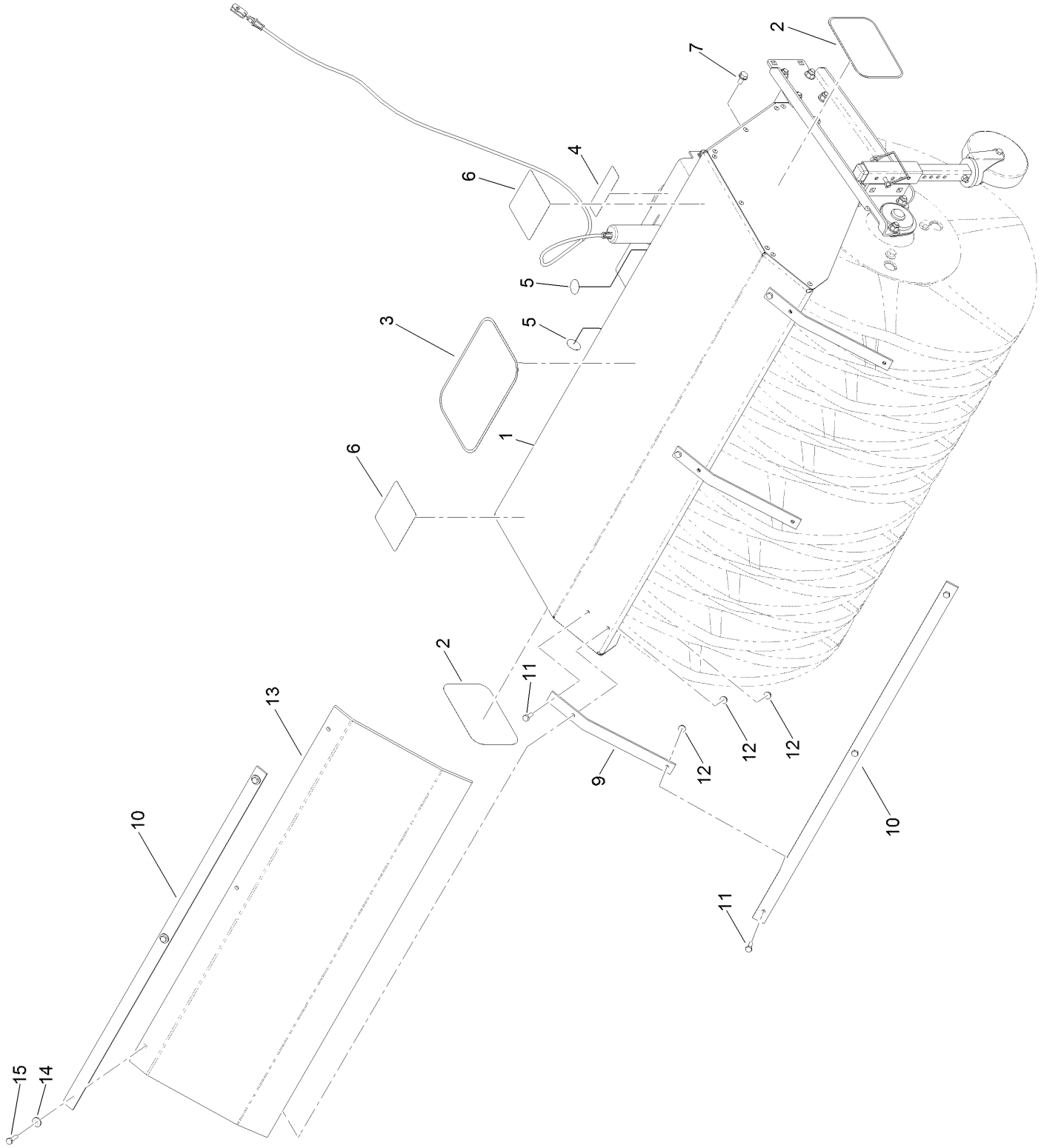


# Engine Assembly (continued)

| 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 |
| 6 | 126-4178-03 | 1 | Deflector-Debris, Muffler |
| 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 |
| 15 | 116-7258-01 | 1 | Cover-Belt |
| 16 | 116-8761-01 | 1 | Shield-Drive |
| 17 | 94-2413 | 1 | Nut-U |
| 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 |
| 24 | 33103-025 | 2 | Screw-HHF |
| 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.

# Broom Assembly

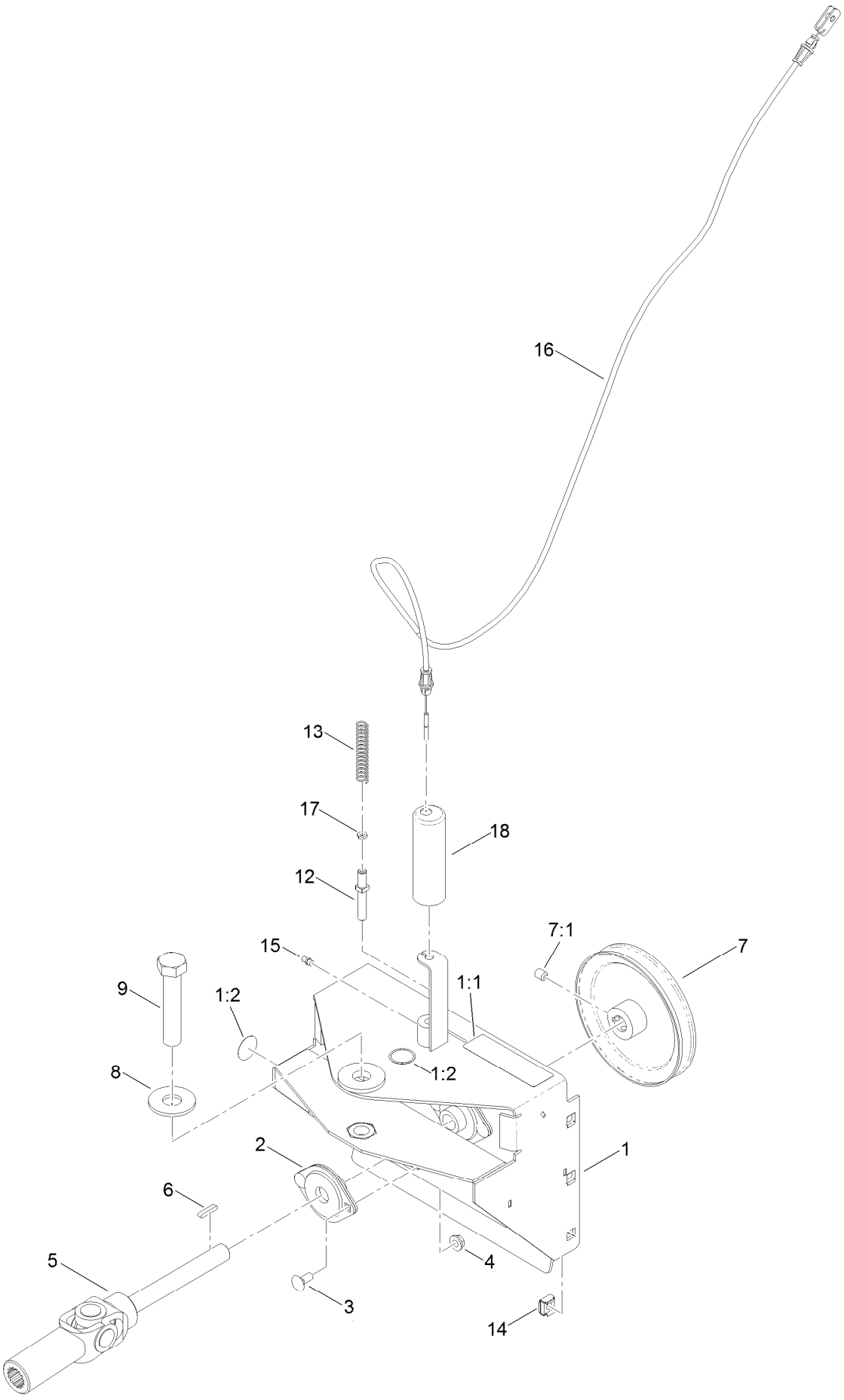


# Broom Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | | 1 | Broom ASM ● |
| 2 | 62-5550 | 2 | Decal |
| 3 | 66-6140 | 1 | Decal |
| 4 | 112-9028 | 1 | Decal-Missing, Cover |
| 5 | 115-2903 | 2 | Decal-Grease |
| 6 | 116-8140 | 2 | Decal-Warning |
| 7 | 32144-14 | 6 | Screw-HWHTF |
| 9 | 116-8869-03 | 3 | Strap-Support, Deflector |
| 10 | 116-8880-03 | 2 | Strap-Support, Broom Deflector |
| 11 | 321-4 | 6 | Screw-HH |
| 12 | 104-7201 | 9 | Nut-Flange, NI |
| 13 | 116-8864 | 1 | Deflector-Broom |
| 14 | 3256-2 | 3 | Washer-Flat |
| 15 | 321-6 | 3 | Screw-HH |

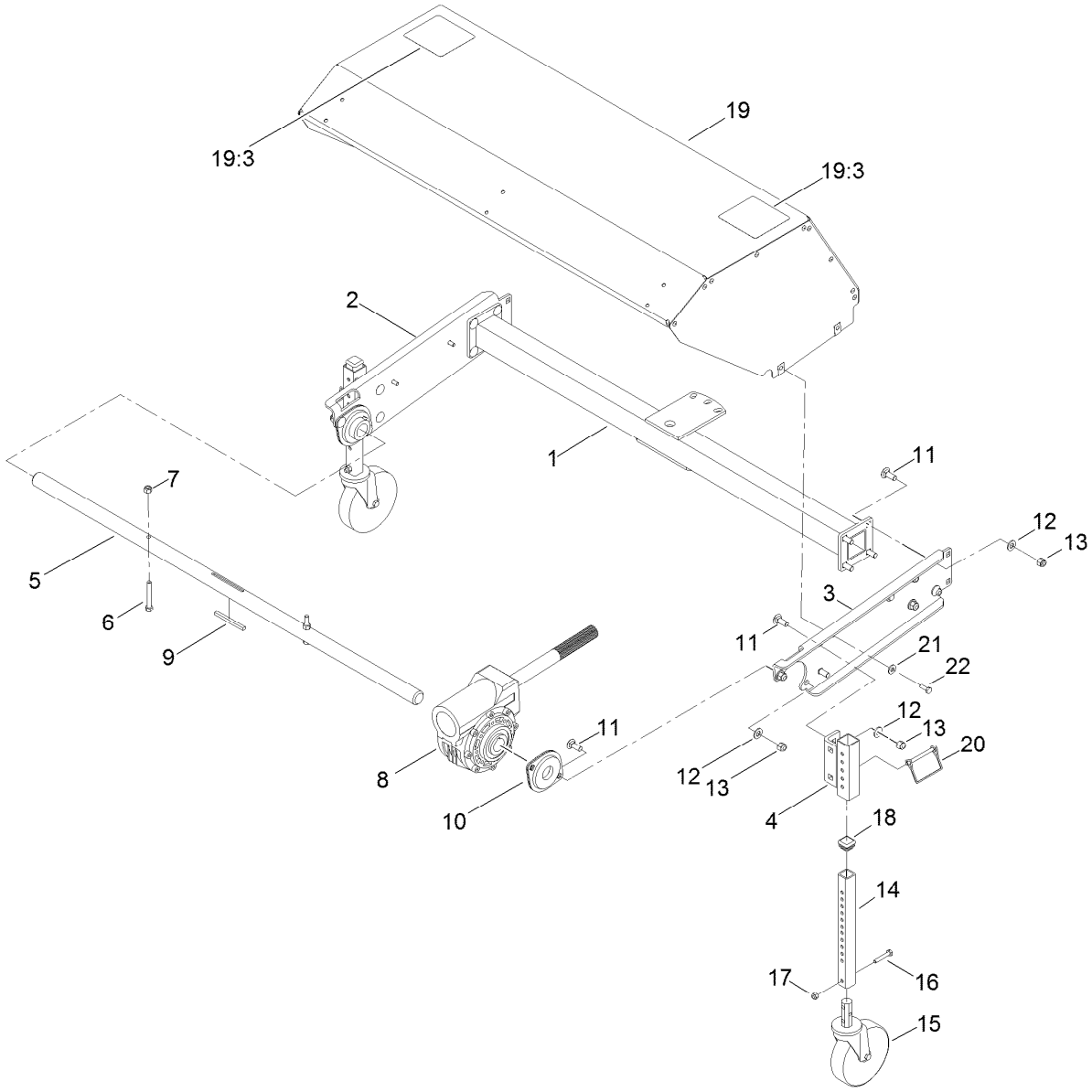
● Not serviced separately

# Broom Mounting Assembly



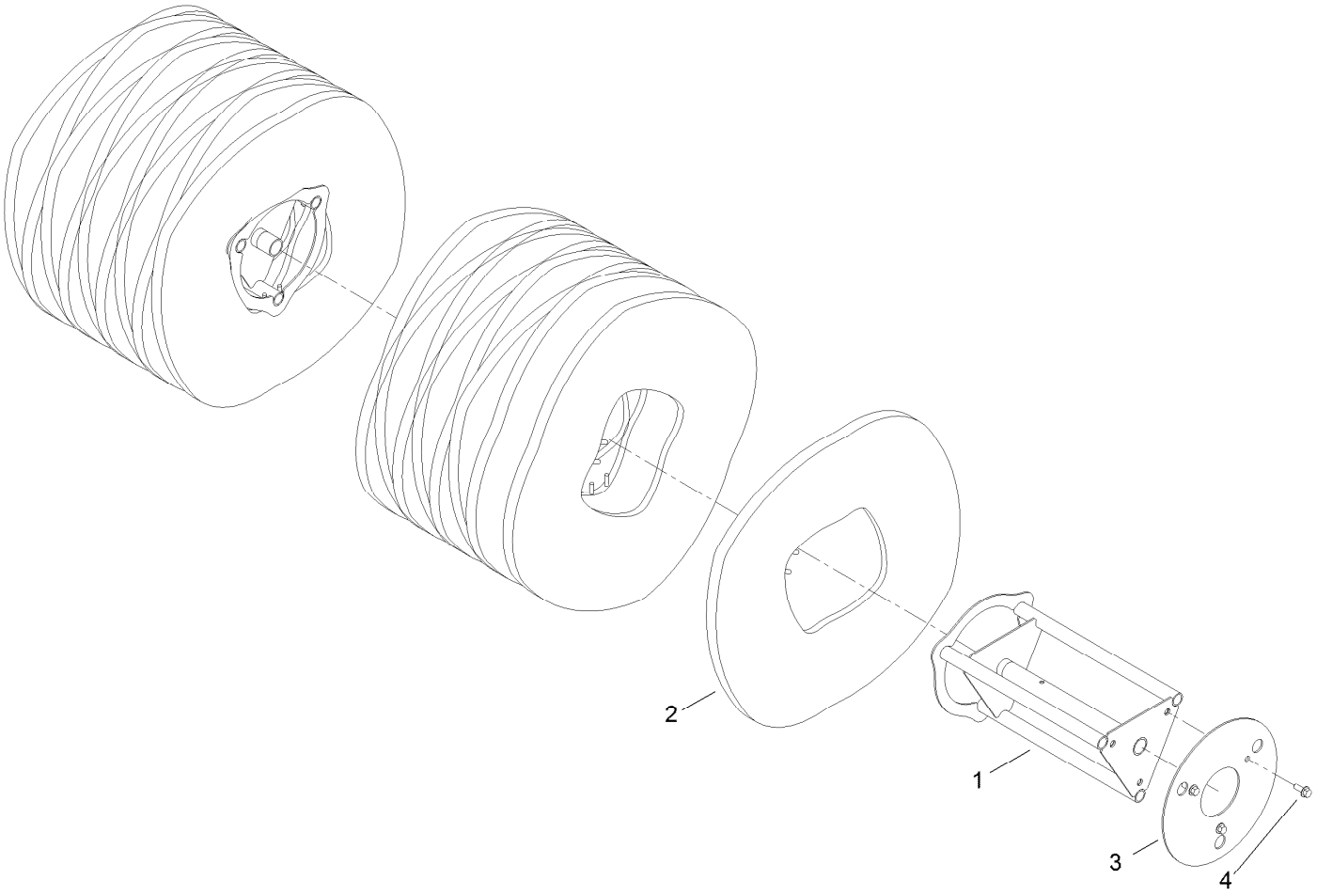
# Broom Mounting Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 116-8122 | 1 | Broom Mounting Frame ASM |
| 1:1 | 112-9028 | 1 | Decal-Missing, Cover |
| 1:2 | 115-2903 | 2 | Decal-Grease |
| 2 | 116-8103 | 2 | Bearing-Shaft |
| 3 | 3230-1 | 4 | Bolt-CARR |
| 4 | 32128-20 | 4 | Nut-HF |
| 5 | 116-8104 | 1 | Shaft-Drive |
| 6 | 116-8105 | 1 | Key-Round End |
| 7 | 116-7930 | 1 | Pulley-Impeller |
| 7:1 | 3246-18 | 2 | Setscrew |
| 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-Angle, Broom |
| 17 | 3217-26 | 1 | Nut-Hex |
| 18 | 116-8108 | 1 | Cap |




# 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 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 |
|---|---|
| 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 |
| Rack Kit | 116-9820 |
| Electrical Power Kit | 126-0023 |
| Sprayer Boom Kit | 126-0024 |
| Snow Cab Kit | 127-5960 |

## For 38700 Walk-Behind Rotary Broom

| Product Name | Model/Part |
|---|---|
| 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 |
| Rack Kit | 116-9820 |
| Electrical Power Kit | 126-0023 |
| Sprayer Boom Kit | 126-0024 |
| Snow Cab Kit | 127-5960 |

## Notes:




**Count on it.**