Form No. 3365-634 Rev A

TORO®

Count on it.

Parts Catalog

# 210-R Power Clear Snowthrower

**Model No. 38587—Serial No. 311000001 and Up**

# 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

**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:** Liquid Propane

**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

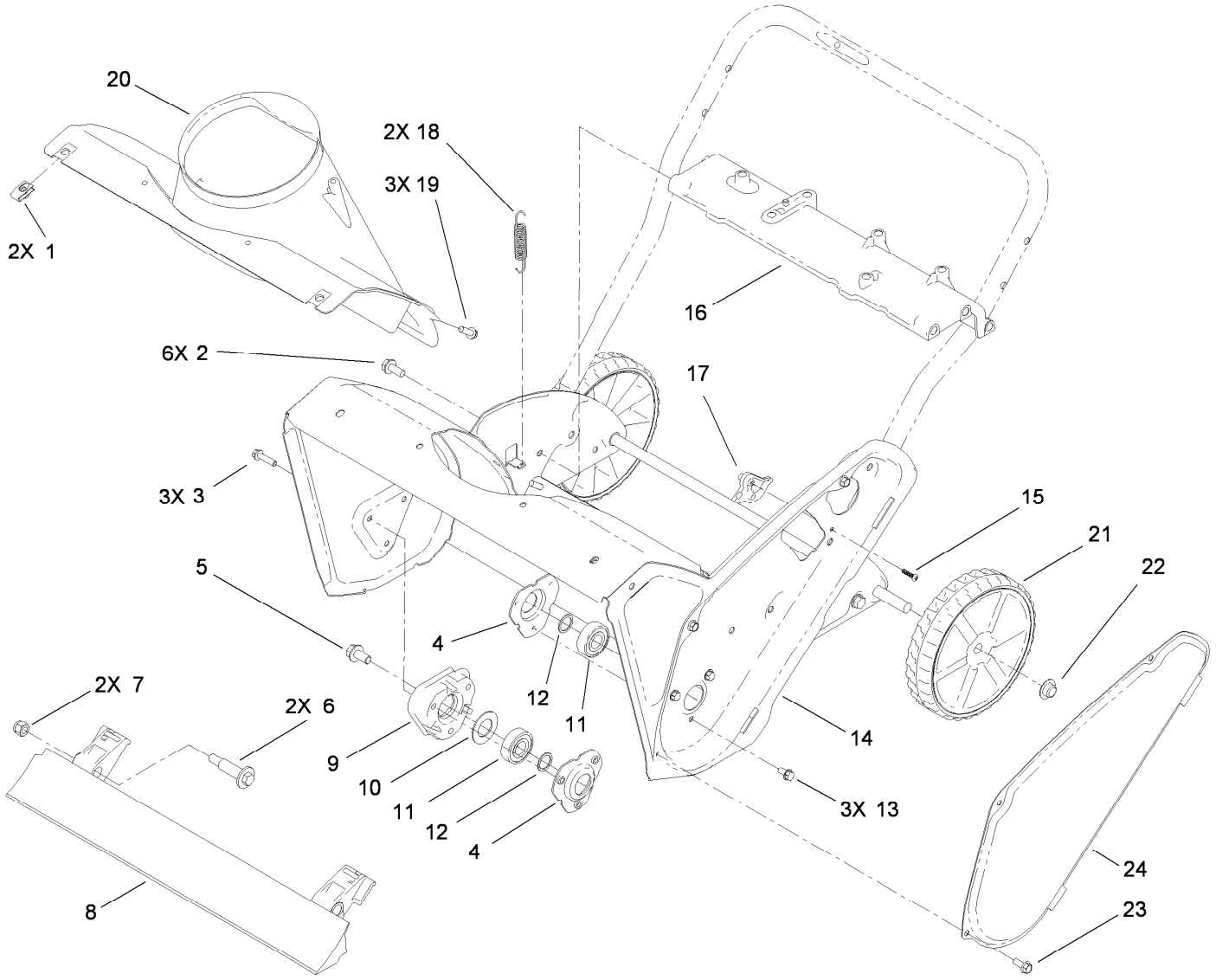
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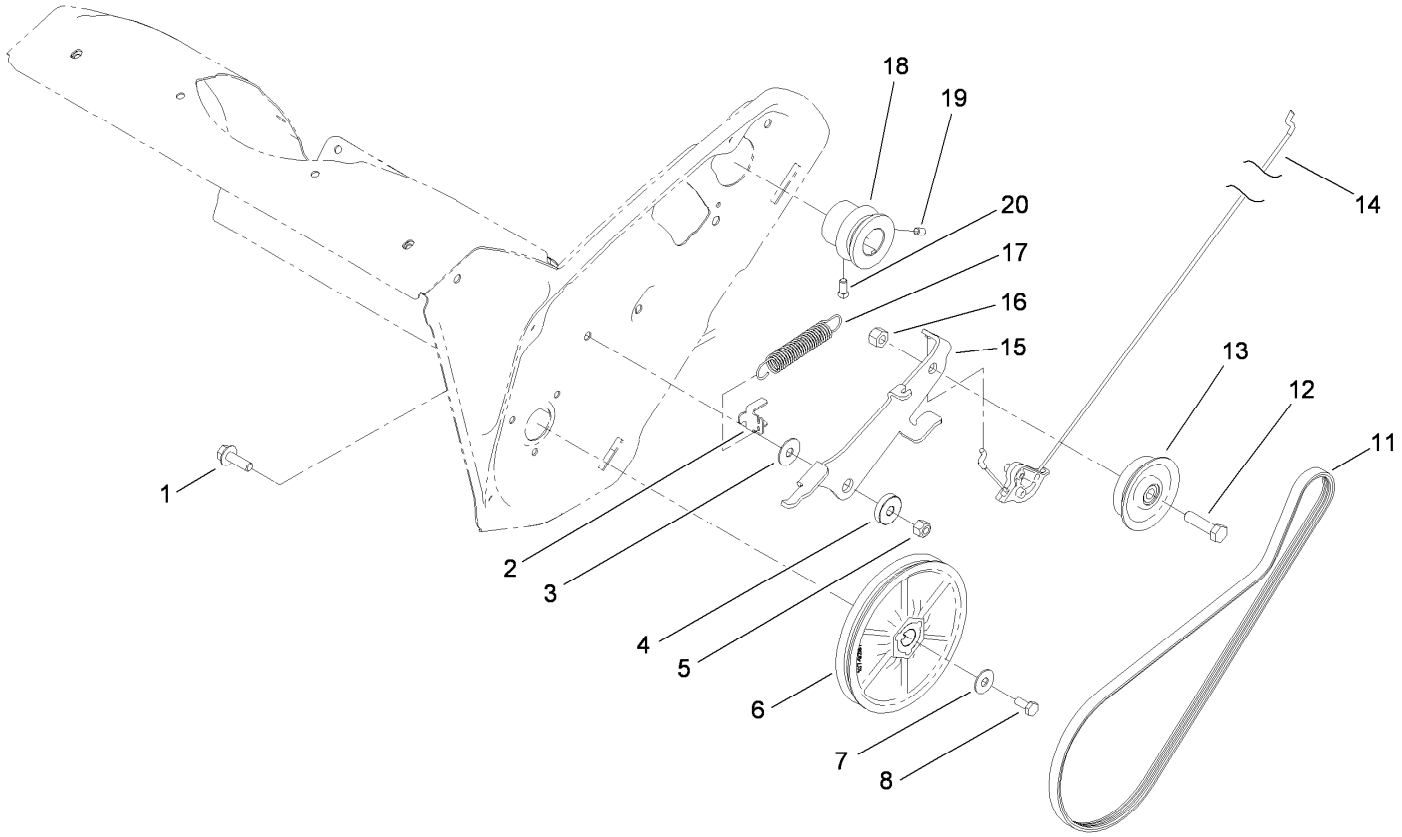
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# Main Frame Assembly

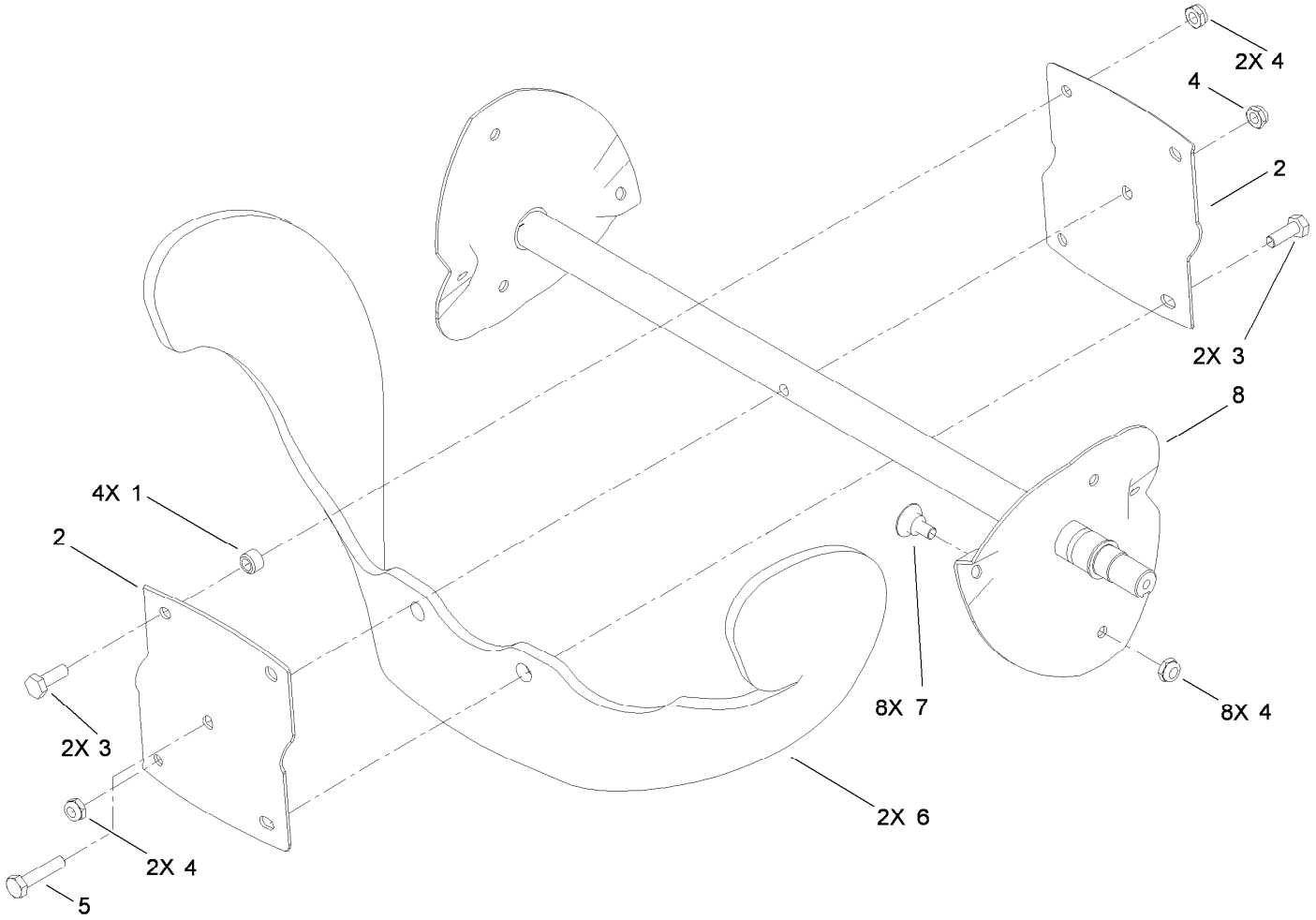
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 107069 | 2 | Clip |
| 2 | 32144-11 | 6 | Screw-HWHTF |
| 3 | 32144-86 | 3 | Screw-HWHTF |
| 4 | 108-4943 | 2 | Flange-Bearing |
| 5 | 110-9380 | 1 | Screw-HWH |
| 6 | 56-6590 | 2 | Bolt-Wheel |
| 7 | 3296-39 | 2 | Nut-Lock, NI |
| 8 | 108-4884 | 1 | Blade-Scraper |
| 9 | 114-3781 | 1 | Spacer-Bearing, RH |
| 10 | 110-9353 | 1 | Washer-Rubber |
| 11 | 100-1048 | 2 | Bearing-Ball |
| 12 | 52-7280 | 2 | Washer-Thrust |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 13 | 32144-4 | 3 | Screw-HWH |
| 14 | 108-4868-03 | 1 | Housing-Auger |
| 15 | 94-4496 | 1 | Screw-PPH |
| 16 | 108-4905 | 1 | Brace-Frame |
| 17 | 108-4919 | 1 | Guide-Cable, Clutch |
| 18 | 108-4906 | 2 | Spring-Extension |
| 19 | 46-8091 | 3 | Screw-HWH |
| 20 | 108-4871 | 1 | Chute-Lower |
| 21 | 66-6510 | 2 | Wheel |
| 22 | 32112-14 | 2 | Nut-Push |
| 23 | 32144-85 | 3 | Screw-HWH |
| 24 | 108-4893-03 | 1 | Cover-Belt |



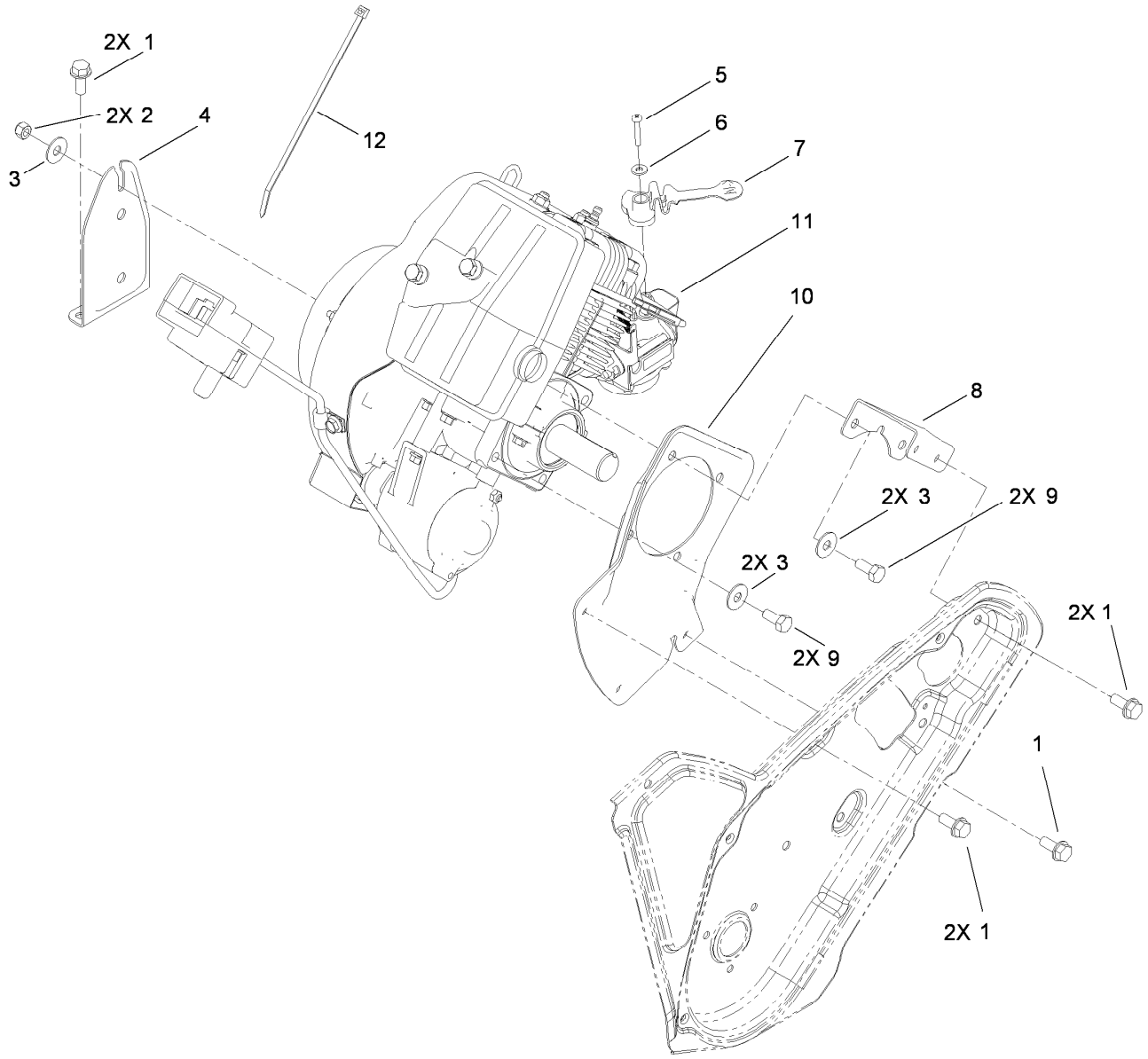

# Rotor Drive Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 3234-29 | 1 | Screw-HHF |
| 2 | 108-4938 | 1 | Clip-Spring, Brake |
| 3 | 108-4925 | 1 | Washer |
| 4 | 108-4916 | 1 | Bushing-Pivot |
| 5 | 3296-29 | 1 | Nut-Lock, NI |
| 6 | 107-9287 | 1 | Rotor Pulley ASM |
| 7 | 3290-456 | 1 | Washer-Belleville |
| 8 | 110-9381 | 1 | Screw-HH |
| 11 | 108-4921 | 1 | Belt-Drive |
| 12 | 323-29 | 1 | Screw-HH |
| 13 | 114-3785 | 1 | Pulley-Idler |
| 14 | 117-9145 | 1 | Cable-Clutch |
| 15 | 114-3782 | 1 | Arm-Idler |
| 16 | 32152-2 | 1 | Nut-Lock, Cone |
| 17 | 114-3788 | 1 | Spring-Extension |
| 18 | 107-9291 | 1 | Pulley-3 Groove |
| 19 | 3245-32 | 1 | Screw-HSH |
| 20 | 3241-7 | 1 | Screw-SQH |




# Rotor Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 55-9370 | 4 | Spacer-Blade, Rotor |
| 2 | 66-6600-03 | 2 | Half-Rotor |
| 3 | 321-4 | 4 | Screw-HH |
| 4 | 3296-56 | 13 | Nut-Lock, NI |
| 5 | 321-8 | 1 | Screw-HH |
| 6 | 99-9313 | 2 | Blade-Rotor |
| 7 | 84-1971 | 8 | Screw |
| 8 | 108-4894-03 | 1 | Rotor |

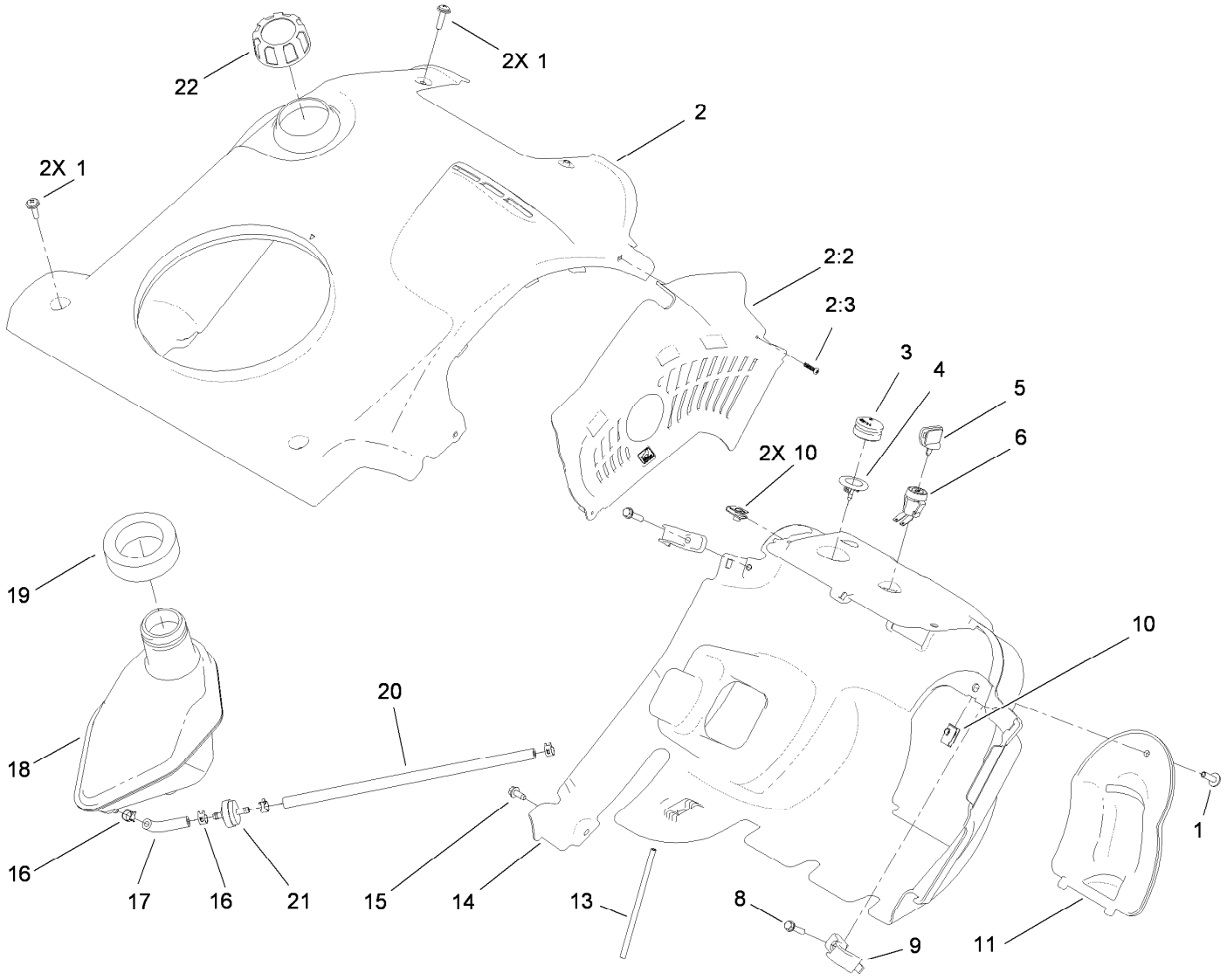



# Engine Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 32144-11 | 7 | Screw-HWHTF |
| 2 | 3296-42 | 1 | Nut-Lock, NI |
| 3 | 3290-456 | 5 | Washer-Belleville |
| 4 | 108-4891-03 | 1 | Bracket-Recoil |
| 5 | 32144-97 | 1 | Screw-PPH, Plastite |
| 6 | 3256-14 | 1 | Washer-Flat |
| 7 | 110-9382 | 1 | Lever-Choke |
| 8 | 108-4888-03 | 1 | Support-Engine, Side |
| 9 | 322-3 | 4 | Screw-HH |
| 10 | 108-4890-03 | 1 | Plate-Engine, PTO |
| 11 | | 1 | Engine-Briggs, 084132-0120-E8 ●■ |
| 12 | 614249 | 1 | Strap-Tie |

● Not serviced separately

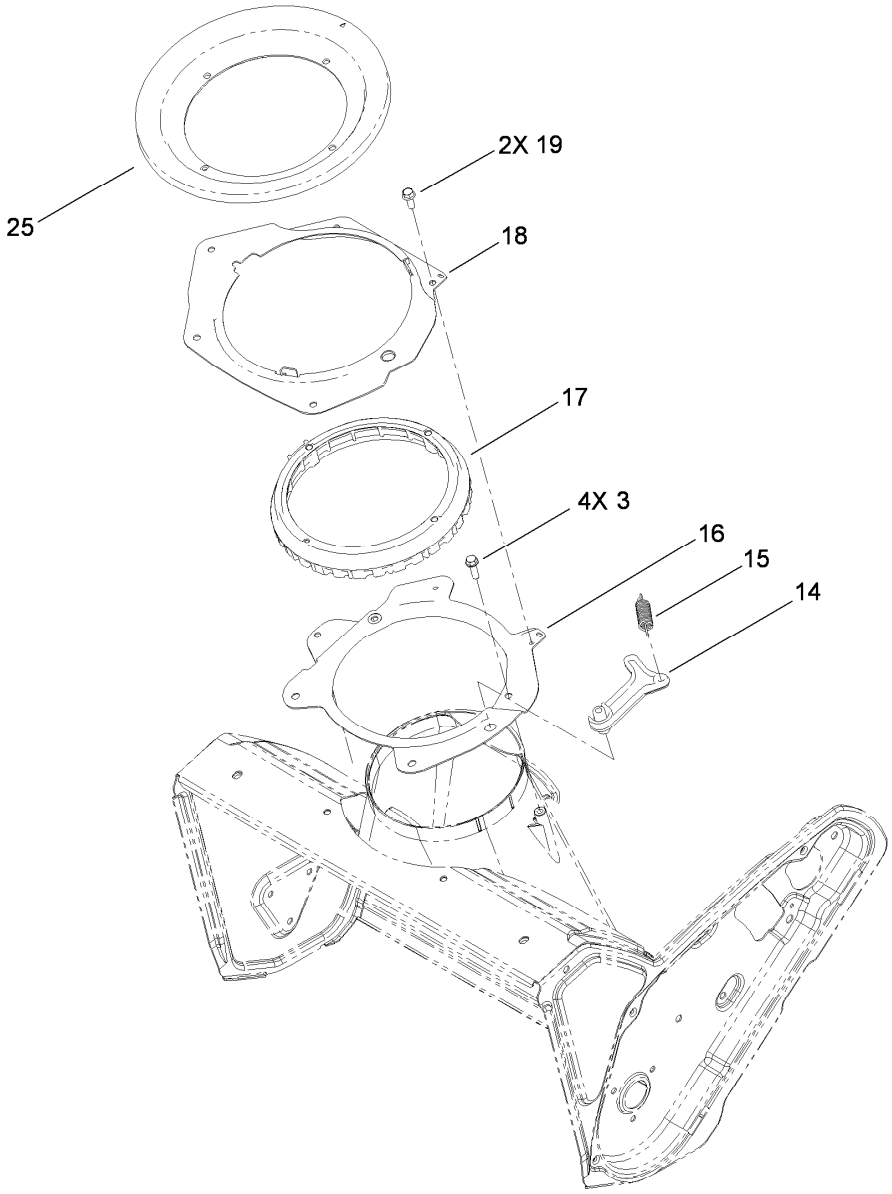
■ Obtain parts from www.briggsandstratton.com




# Shroud Assembly

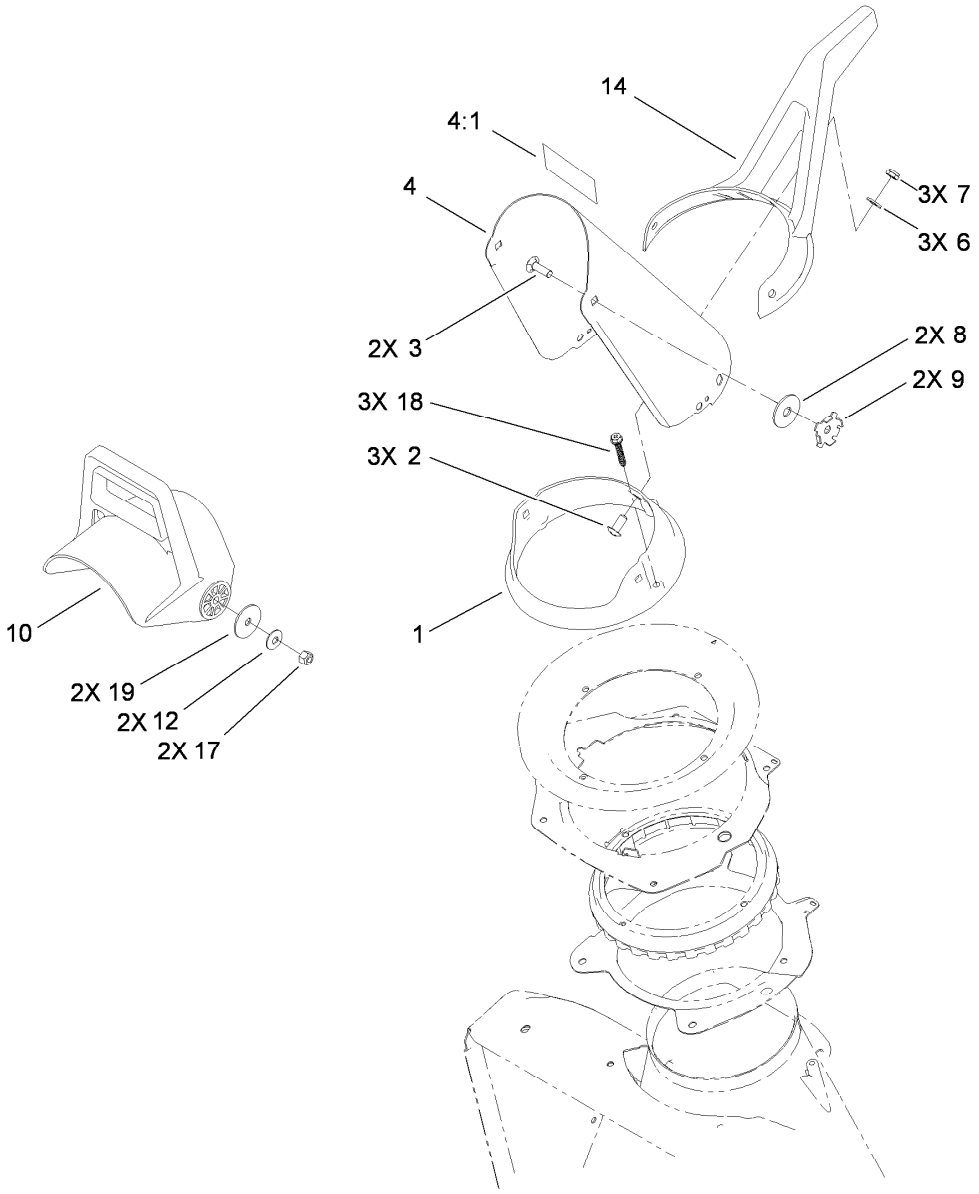
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 110-9361 | 5 | Screw-PPH, Sems |
| 2 | 117-9127 | 1 | Shroud ASM |
| 2:2 | 114-3793 | 1 | Baffle-Heat |
| 2:3 | 94-4496 | 2 | Screw-PPH |
| 3 | 66-7460 | 1 | Bulb-Primer |
| 4 | 44-2750 | 1 | Body-Primer |
| 5 | 63-8360 | 1 | Key-Ignition |
| 6 | 40-5940 | 1 | Switch |
| 8 | 46-8092 | 2 | Screw-Plastite |
| 9 | 108-4947 | 2 | Clip-Shroud |
| 10 | 107069 | 3 | Clip |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 11 | 108-4896 | 1 | Panel-Access, Carburetor |
| 13 | 114-3767 | 1 | Hose-Primer |
| 14 | 114-3752 | 1 | Shroud-Lower |
| 15 | 32144-85 | 1 | Screw-HWH |
| 16 | 2412-98 | 4 | Clamp |
| 17 | 114-3765 | 1 | Hose-Fuel |
| 18 | 108-4880 | 1 | Tank-Gas |
| 19 | 114-3773 | 1 | Seal-Tank |
| 20 | 114-3766 | 1 | Hose-Fuel |
| 21 | 56-6360 | 1 | Filter-Fuel |
| 22 | 104-4133 | 1 | Gas Cap ASM |



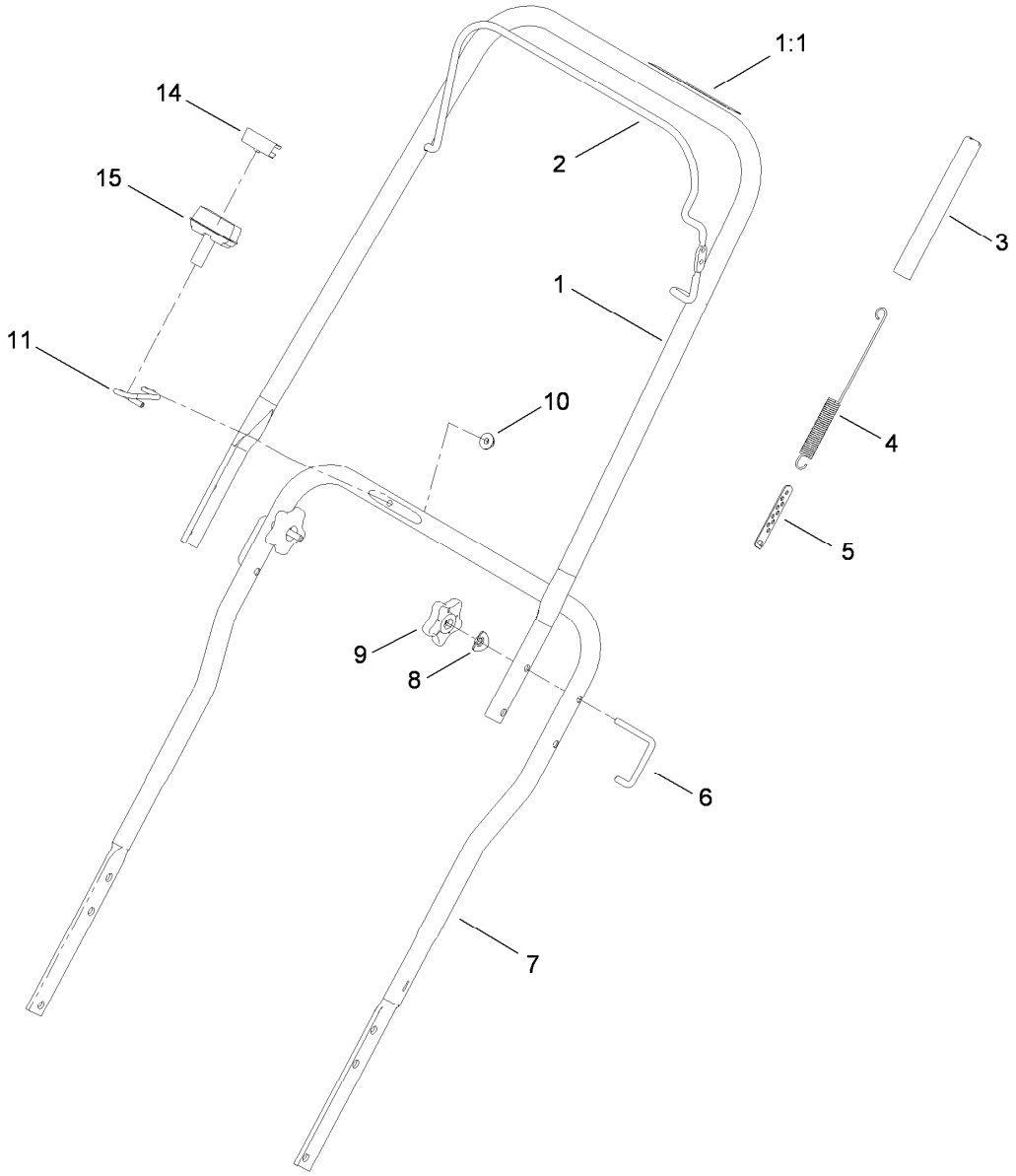

# Chute Control Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 3 | 46-8091 | 4 | Screw-HWH |
| 14 | 108-4926 | 1 | Pawl-Detent |
| 15 | 80-4600 | 1 | Spring-Extension |
| 16 | 108-4883-03 | 1 | Ring-Support, Chute |
| 17 | 108-4922 | 1 | Ring-Chute, Detent |
| 18 | 108-4874-03 | 1 | Retainer-Ring, Chute |
| 19 | 32144-85 | 2 | Screw-HWH |
| 25 | 114-3772 | 1 | Seal-Ring, Chute |




# Chute Control Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 112-1546 | 1 | Ring-Chute |
| 2 | 100-5487 | 3 | Screw-PTH |
| 3 | 3230-22 | 2 | Screw-CARR |
| 4 | 120-0131 | 1 | Discharge Chute ASM |
| 4:1 | 115-5660 | 1 | Decal-Danger, Ce |
| 6 | 3256-70 | 3 | Washer-Flat |
| 7 | 3296-47 | 3 | Nut-Lock, NI |
| 8 | 20-4320 | 2 | Washer-Rubber |
| 9 | 55-8950 | 2 | Plate-Friction |
| 10 | 56-2680 | 1 | Chute-Deflector |
| 12 | 3290-456 | 2 | Washer-Belleville |
| 14 | 94-9914 | 1 | Handle-Control, Chute |
| 17 | 3296-29 | 2 | Nut-Lock, NI |
| 18 | 108-4946 | 3 | Screw-Plastite |
| 19 | 3256-68 | 2 | Washer-Flat |




# Handle Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 117-9139 | 1 | Upper Handle ASM |
| 1:1 | 94-2577 | 1 | Decal-Drive, Rotor |
| 2 | 117-9136-03 | 1 | Bail-Clutch |
| 3 | 114-3796 | 1 | Cover-Spring |
| 4 | 117-9146 | 1 | Spring-Extension, Clutch |
| 5 | 71-5330 | 1 | Adjuster-Cable, Clutch |
| 6 | 108-4887 | 2 | Lock-Handle |
| 7 | 108-4944-03 | 1 | Handle-Lower |
| 8 | 107-3844 | 2 | Washer |
| 9 | 106-4161 | 2 | Knob-Handle |
| 10 | 114-3778 | 1 | Nut-Lock, NI |
| 11 | 108-4949 | 1 | Guide-Rope |
| 14 | 612824 | 1 | Clip-Starter |
| 15 | 612825 | 1 | Handle-Start |

# Attachments and Accessories

## For 38587 Power Clear Snowthrower

| Product Name | Model/Part |
|---|---|
| Toro 2 Cycle Oil (2.6 oz, 48/Case) | 38901 |
| Toro 2 Cycle Oil (2.6 oz, Mini Pallet) | 38901P |
| Toro Single Stage Cover | 490-7464 |
| Plain Single Stage Cover | 490-7465 |
| Snow Cab | 88-0600 |

## Notes:

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## Notes:




**Count on it.**