



**Count on it.**

Form No. 3365-634 Rev A

# 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

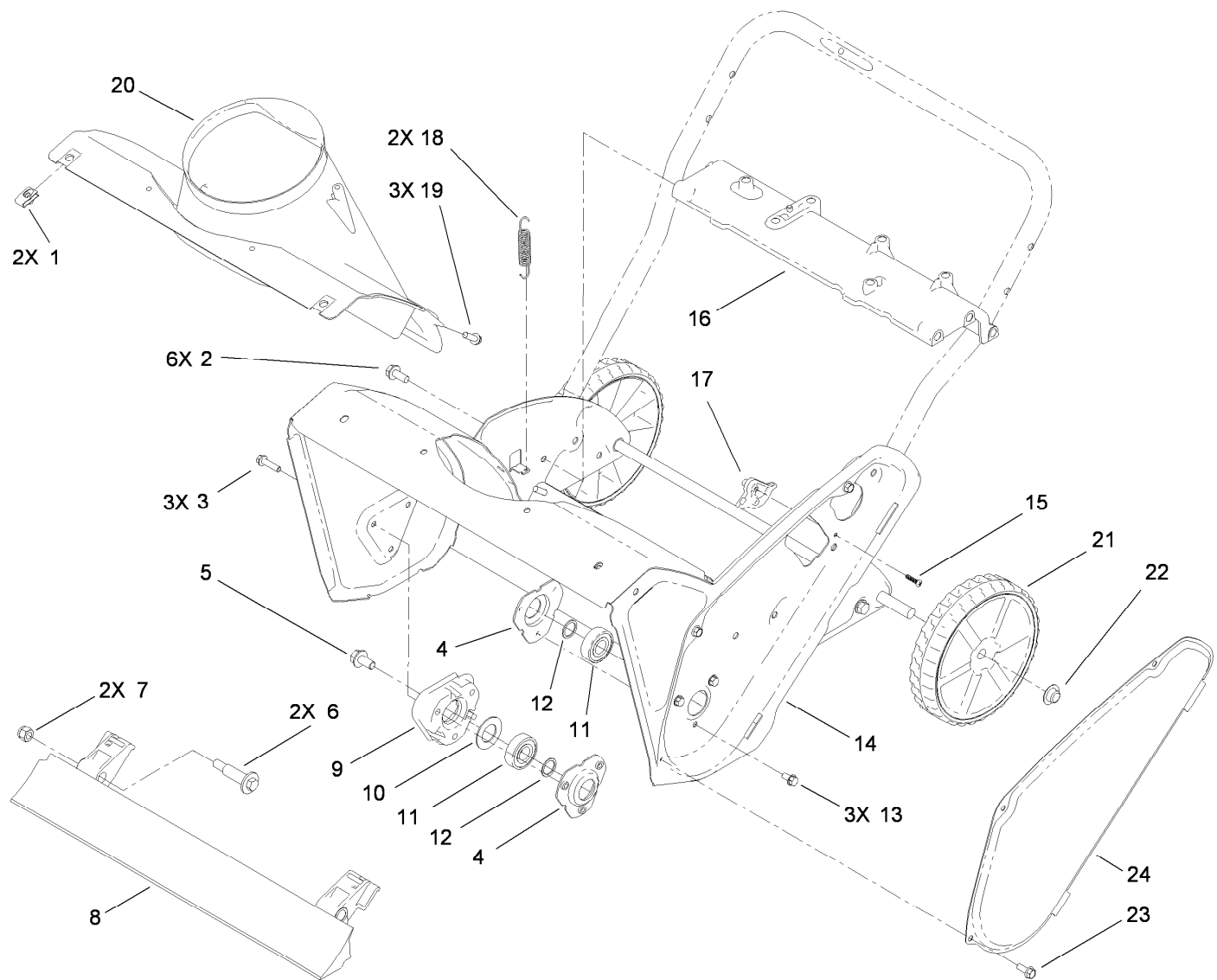
**STD:** standard

**TAP:** self tapping

**TTH:** torx truss head

# Contents

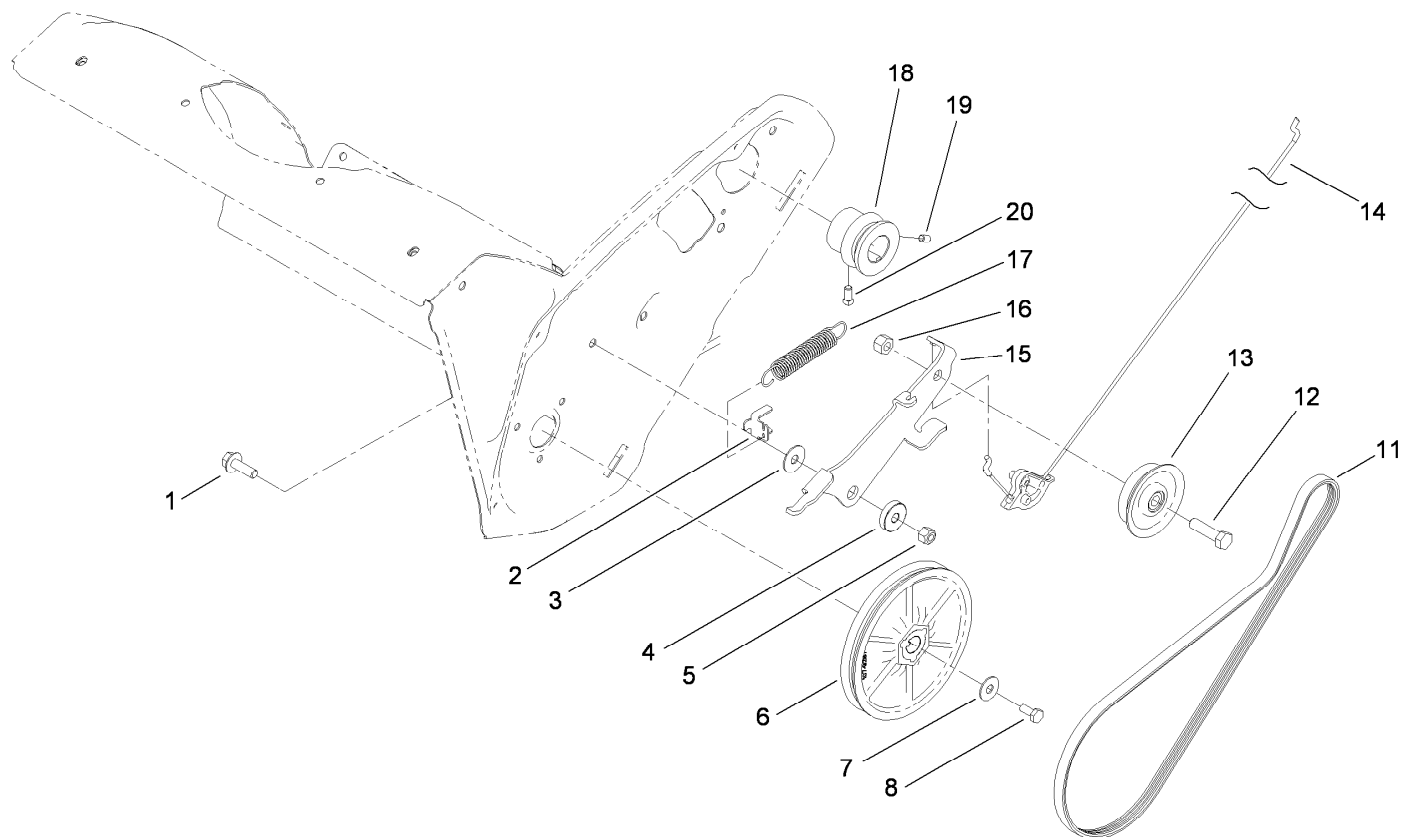
- Main Frame Assembly . . . . . 4
- Rotor Drive Assembly . . . . . 5
- Rotor Assembly . . . . . 6
- Engine Assembly . . . . . 7
- Shroud Assembly . . . . . 8
- Chute Control Assembly . . . . . 9
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## Main Frame Assembly

| 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      |

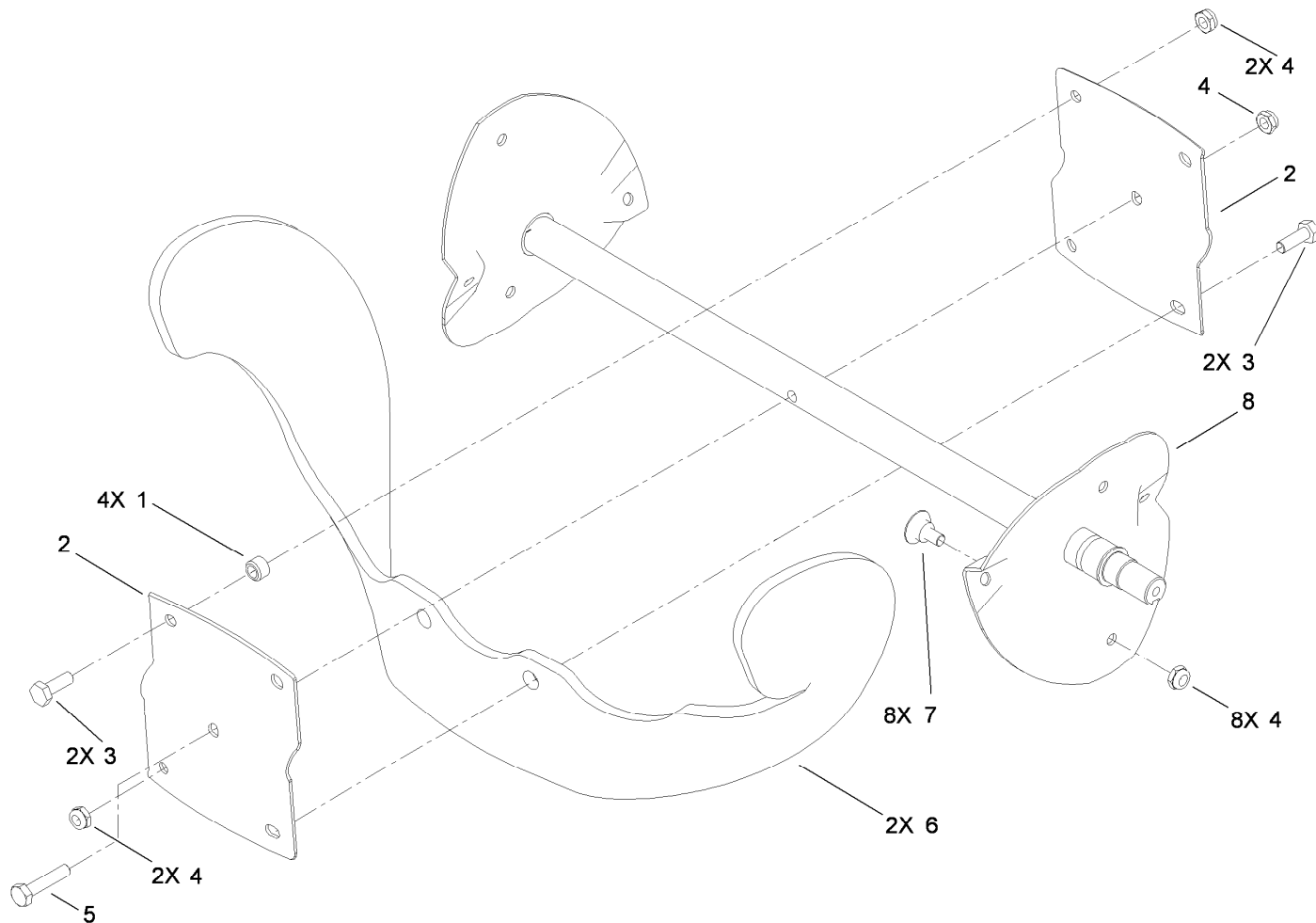
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 13   | 32144-4     | 3    | Screw-HWH           |
| 14   | 108-4868-03 | 1    | Housing-Auger       |
| 15   | 94-4496     | 1    | Screw-PPH           |
| 16   | 108-4905    | 1    | Brace-Frame         |
| 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

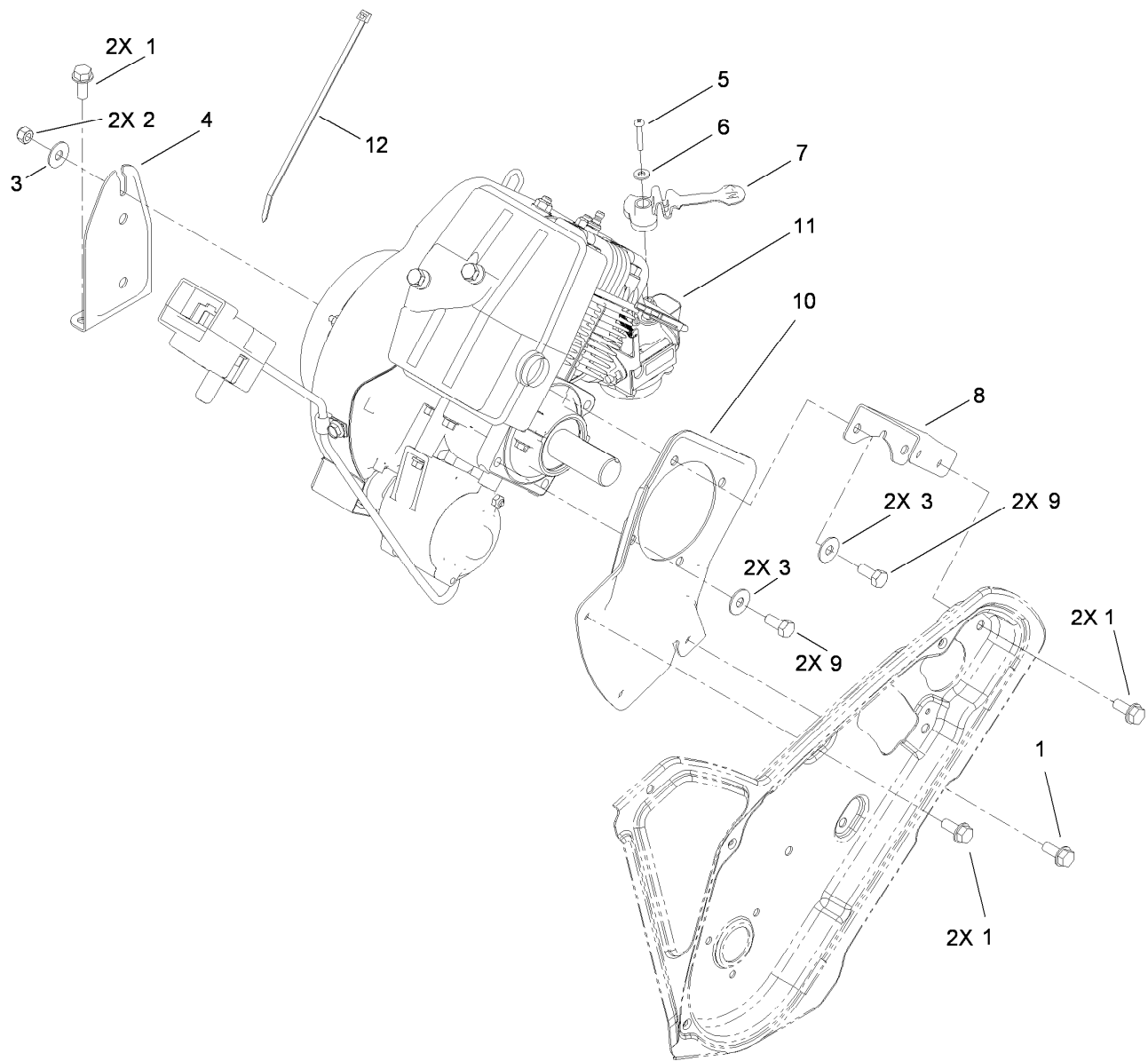
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 3234-29     | 1    | Screw-HHF          |
| 2    | 108-4938    | 1    | Clip-Spring, Brake |
| 3    | 108-4925    | 1    | Washer             |
| 4    | 108-4916    | 1    | Bushing-Pivot      |
| 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         |

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 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               |



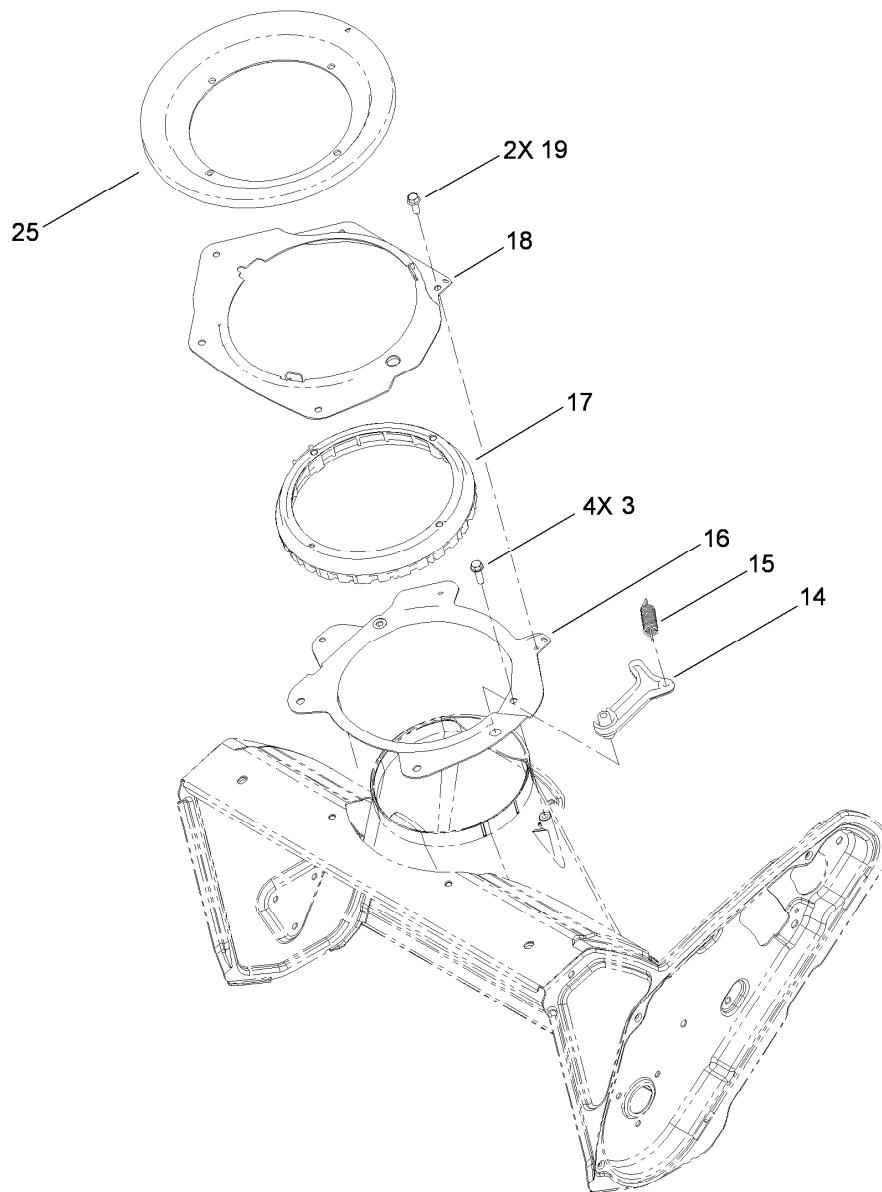
## Engine Assembly

| 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

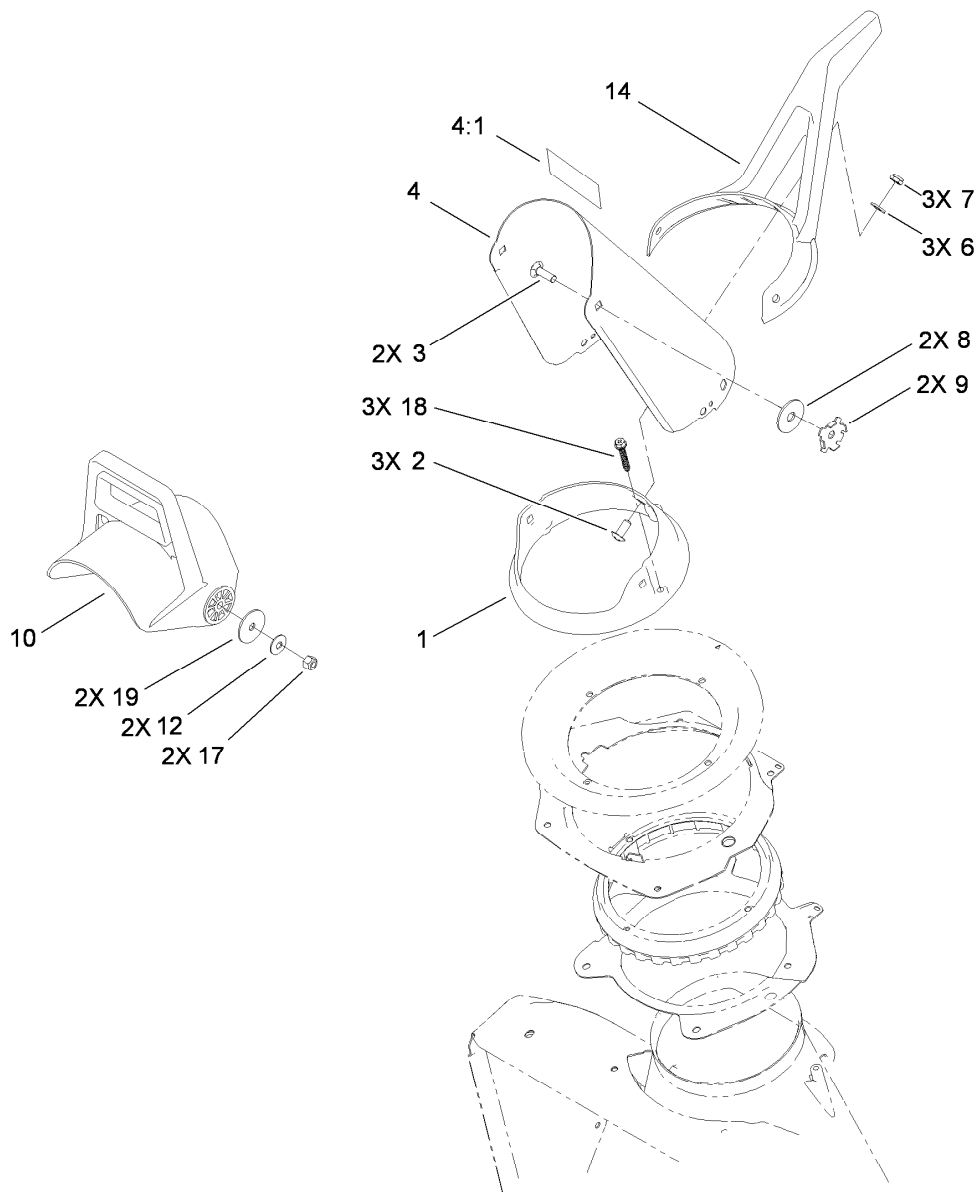
■ Obtain parts from [www.briggsandstratton.com](http://www.briggsandstratton.com)





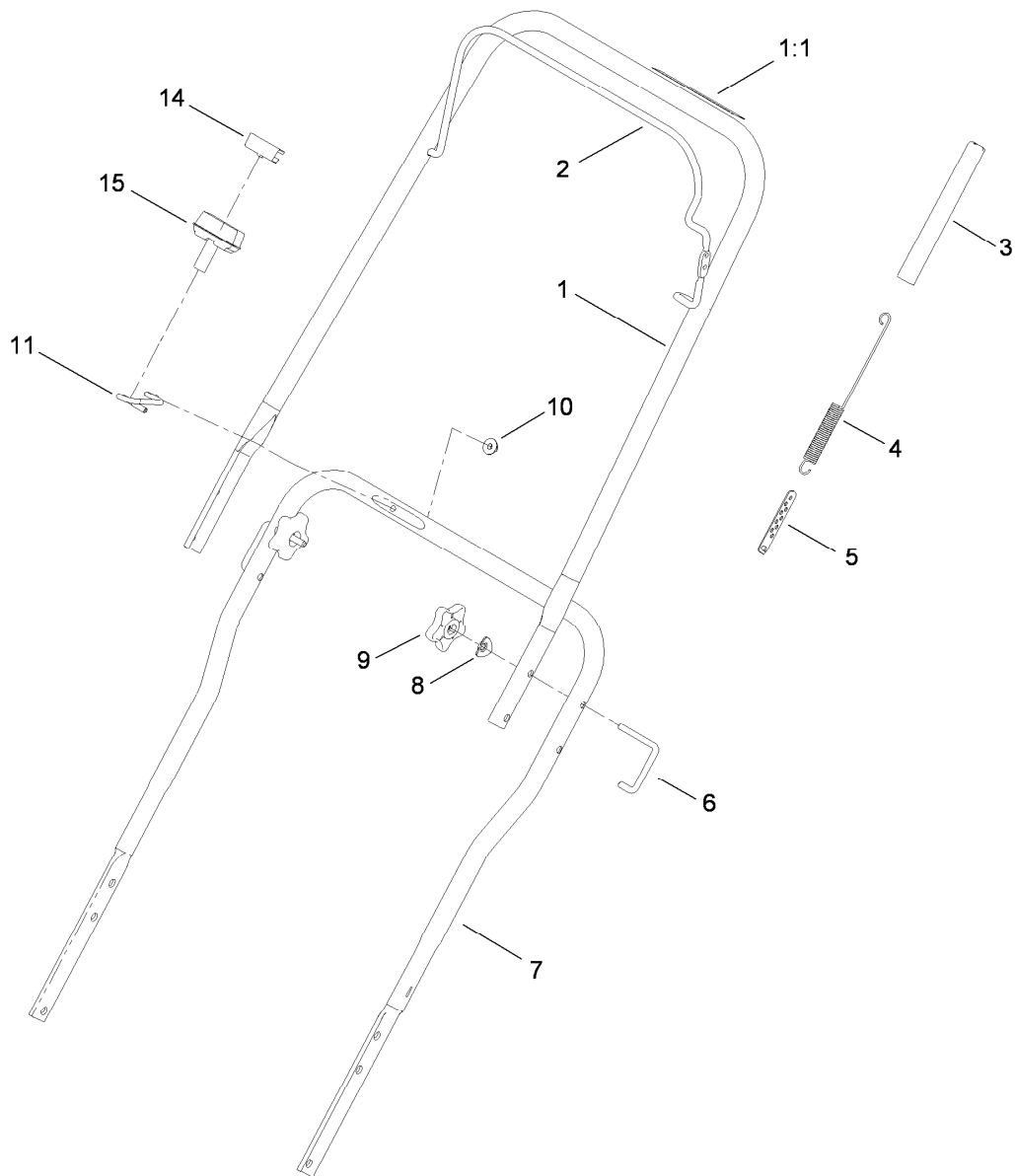
## Chute Control Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|----------------------|
| 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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