



Form No. 3374-191 Rev C

**Count on it.**

# Parts Catalog

## Power Max<sup>®</sup> 724 OE Snowthrower

Model No. 37770—Serial No. 313000001 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.

# Contents

Frame, Housing and Bypass Assembly ..... 4

Pulleys and Bellcrank Assembly ..... 5

Impeller Drive Assembly ..... 6

Drive Assembly ..... 7

Gearbox, Auger and Impeller Assembly ..... 8

24 Inch Auger Gearcase Assembly No. 120-3859 ..... 9

Impeller Assembly ..... 10

Engine Assembly ..... 11

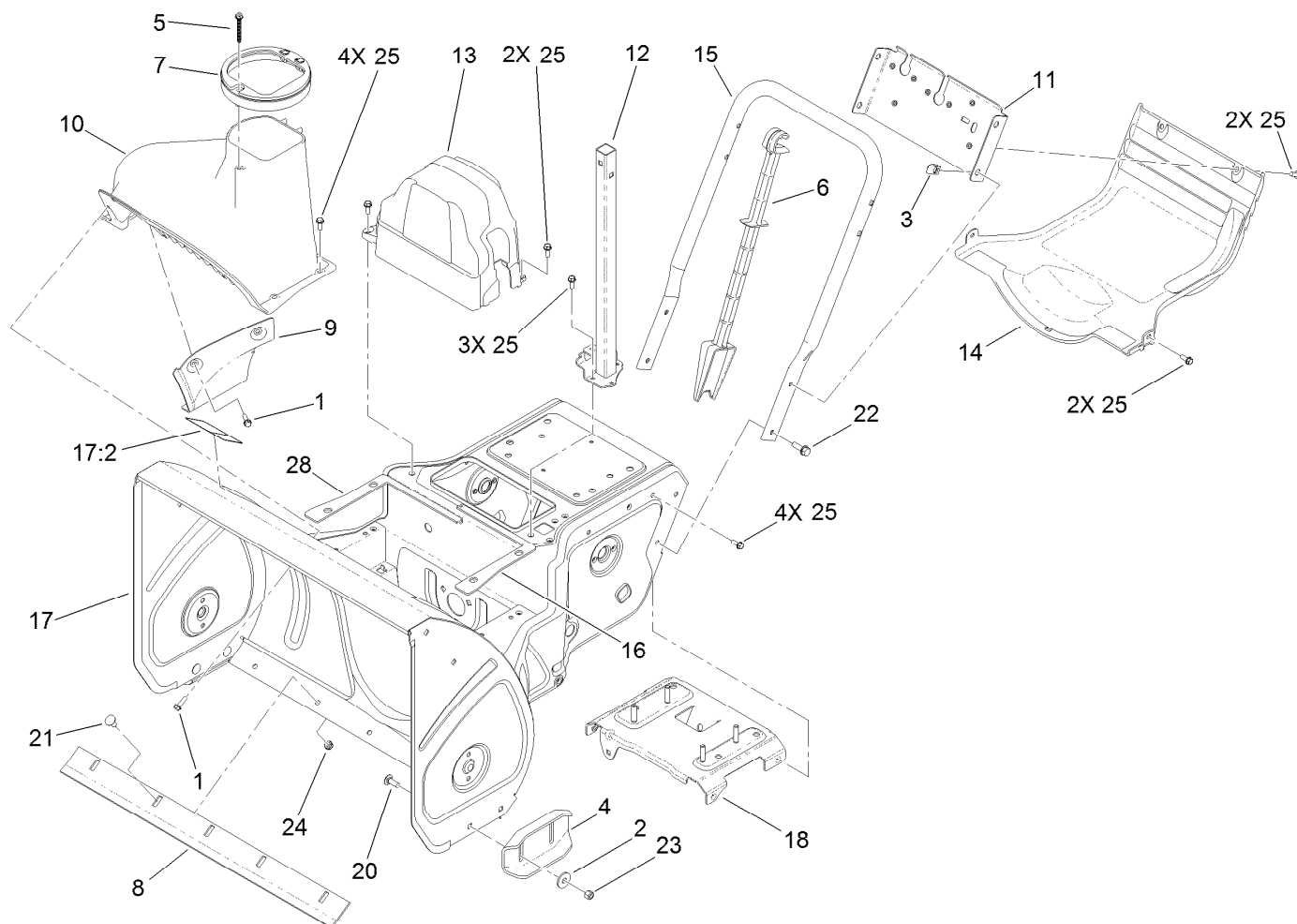
Chute Assembly ..... 12

Handle Assembly ..... 13

Control Assembly ..... 14

Quick Lever Assembly ..... 15

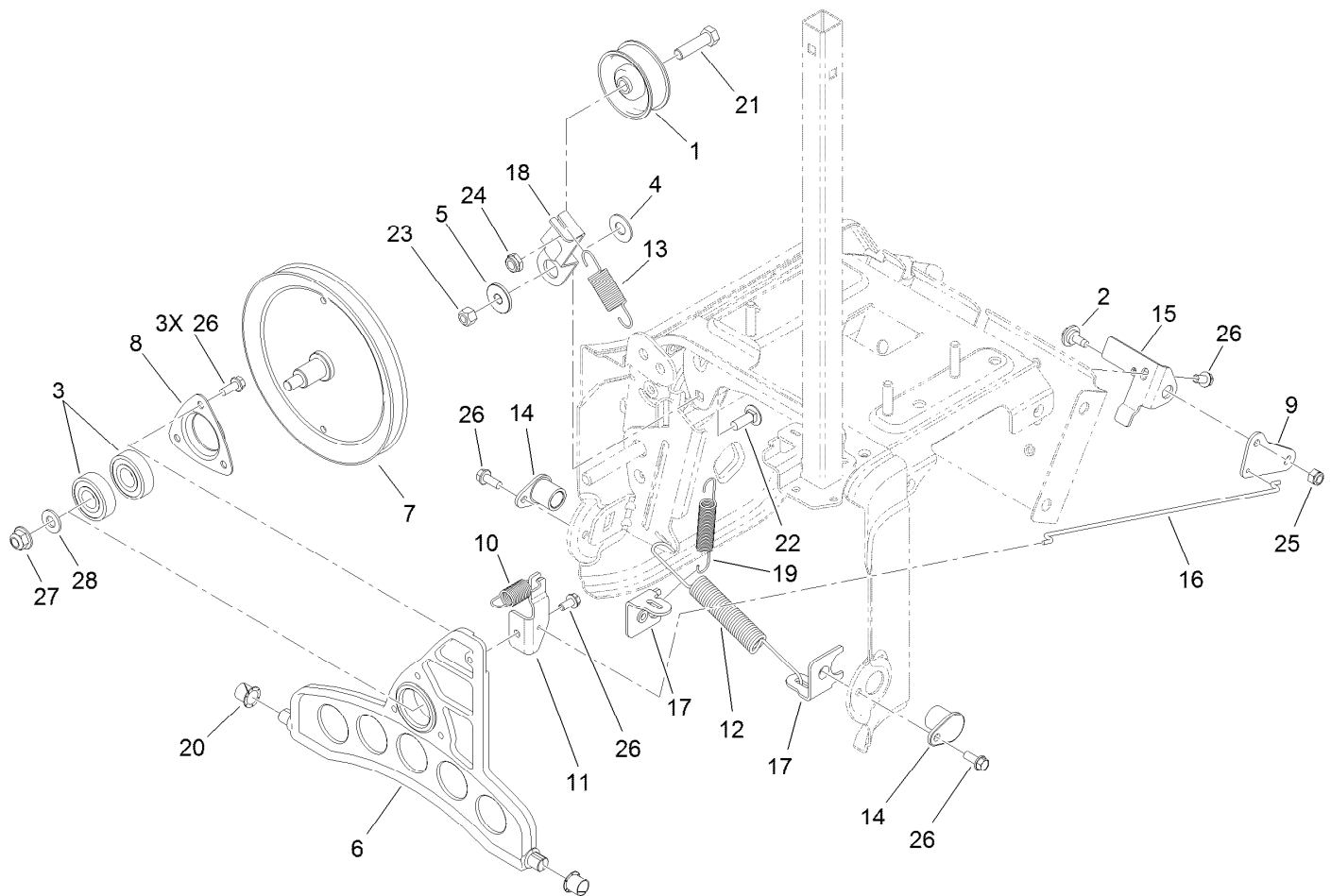
Attachments and Accessories ..... 16



## Frame, Housing and Bypass Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 46-8091     | 6    | Screw-HWH           |
| 2    | 52-2861     | 4    | Washer              |
| 3    | 94-2413     | 4    | Nut-U               |
| 4    | 106-4588-01 | 2    | Skid                |
| 5    | 114-3751    | 1    | Screw-HWH, Plastite |
| 6    | 121-6833    | 1    | Stick-Cleanout      |
| 7    | 119-7626    | 1    | Guide-Chute         |
| 8    | 119-7601-01 | 1    | Scraper-24 Inch     |
| 9    | 120-7158-01 | 1    | Cover-Liner         |
| 10   | 120-7159    | 1    | Cover               |
| 11   | 120-7161-01 | 1    | Brace-Frame         |
| 12   | 120-7170-03 | 1    | Support-Chute       |
| 13   | 120-7177    | 1    | Cover-Belt          |

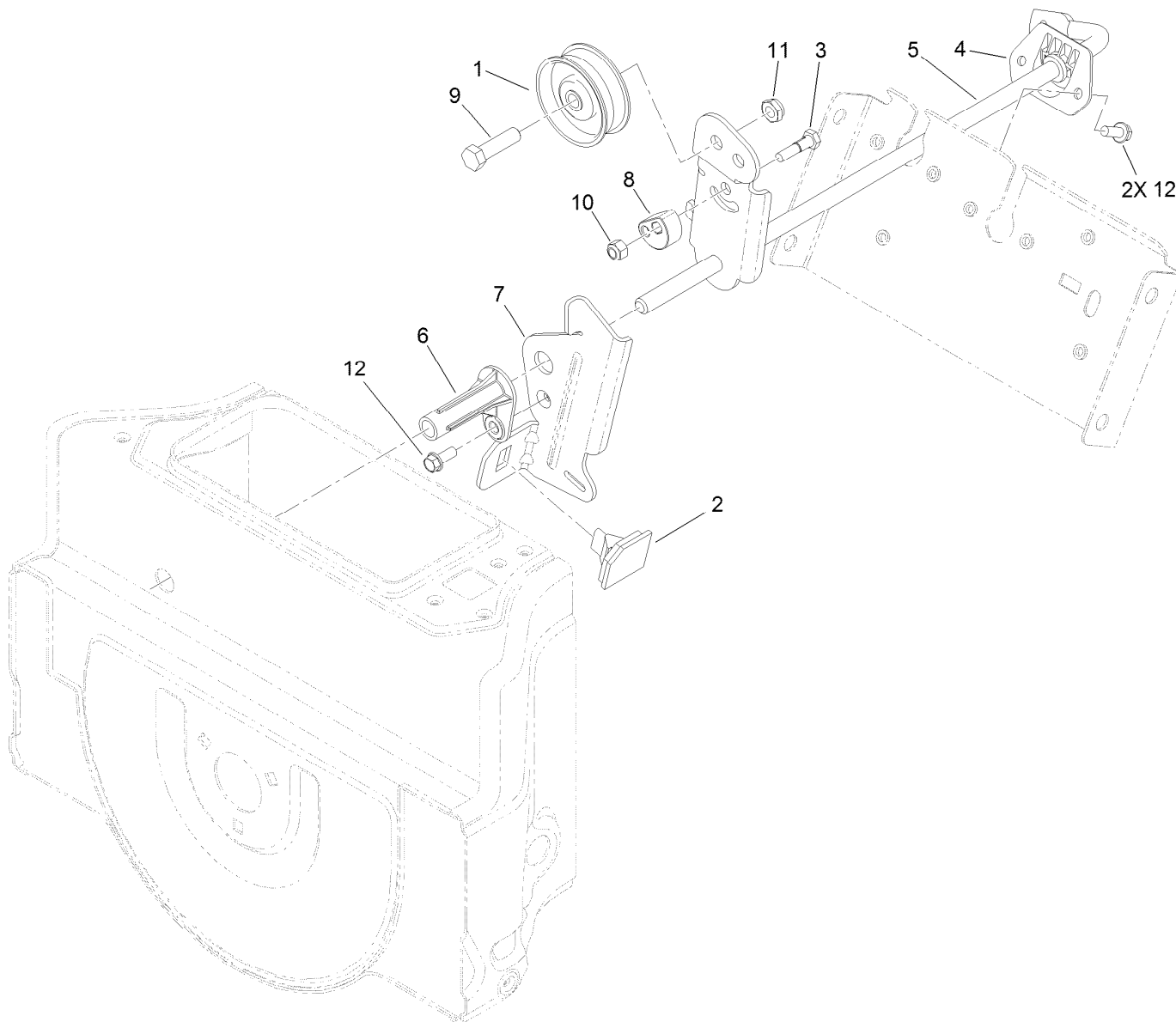
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 14   | 120-7178    | 1    | Cover-Lower         |
| 15   | 120-7179-03 | 1    | Handle-Lower        |
| 16   | 120-7181    | 1    | Seal-Housing, LH    |
| 17   | 121-6810    | 1    | Frame ASM           |
| 17:2 | 121-6817    | 1    | Decal-Danger, Auger |
| 18   | 121-1218    | 1    | Plate-Stud Engine   |
| 20   | 3230-10     | 4    | Bolt-CARR           |
| 21   | 3230-18     | 5    | Screw-CARR          |
| 22   | 3234-29     | 4    | Screw-HHF           |
| 23   | 3296-29     | 4    | Nut-Lock, NI        |
| 24   | 3296-47     | 5    | Nut-Lock, NI        |
| 25   | 32144-85    | 17   | Screw-HWH           |
| 28   | 121-6841    | 1    | Seal-Housing, RH    |



## Pulleys and Bellcrank Assembly

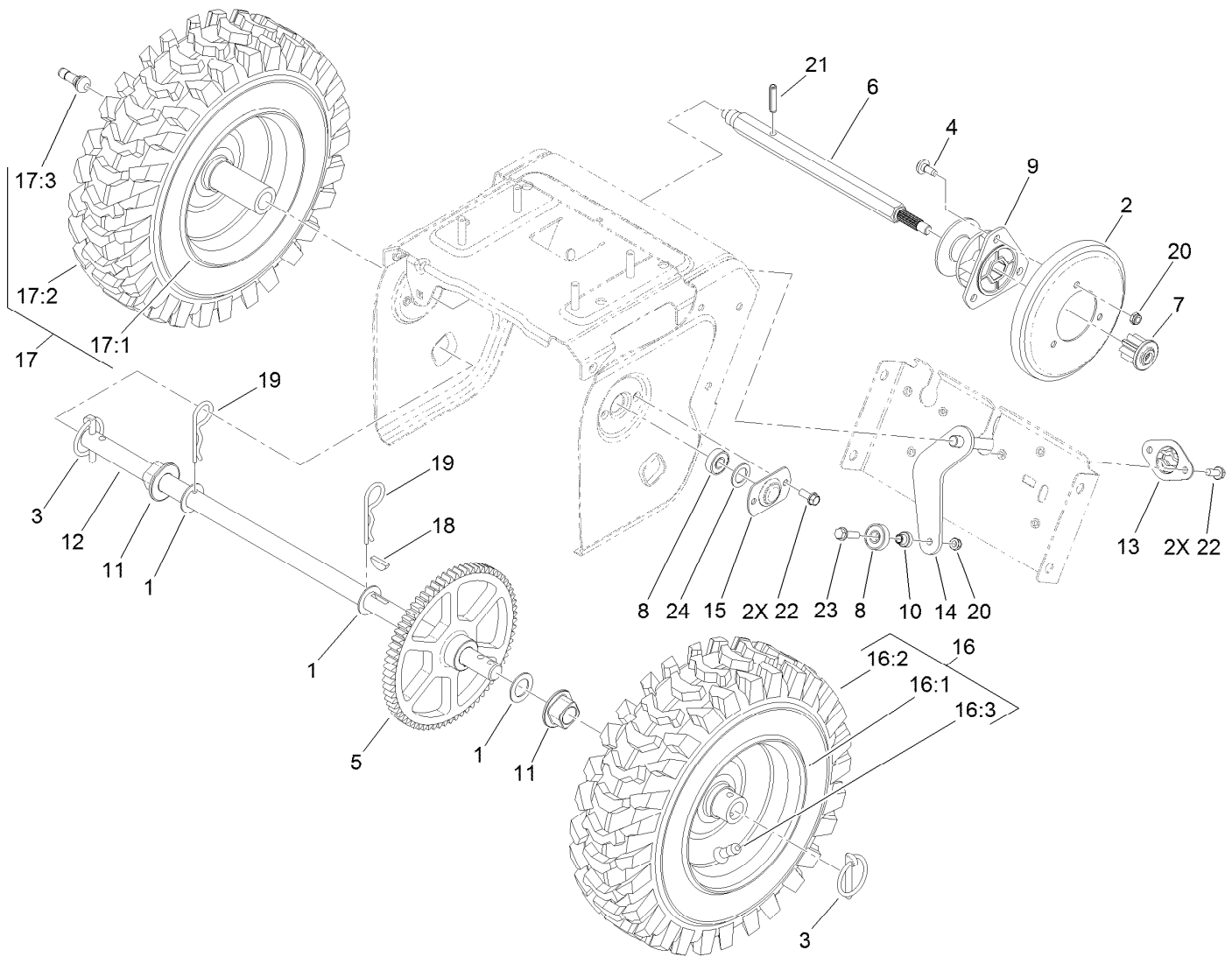
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 3-4244      | 1    | Pulley-Idler            |
| 2    | 92-9698     | 1    | Screw-Shoulder          |
| 3    | 100-1048    | 2    | Bearing-Ball            |
| 4    | 25-5640     | 1    | Washer                  |
| 5    | 117-7711    | 1    | Bushing-Idler           |
| 6    | 119-7645    | 1    | Plate-Wheel, Friction   |
| 7    | 119-7648    | 1    | Pulley-Traction         |
| 8    | 119-7649    | 1    | Retainer-Bearing        |
| 9    | 119-7670-03 | 1    | Bellcrank-Drive         |
| 10   | 119-7676    | 1    | Spring-Extension        |
| 11   | 119-7679    | 1    | Bracket-Plate, Traction |
| 12   | 120-3883    | 1    | Spring-Extension        |
| 13   | 120-3888    | 1    | Spring-Extension        |
| 14   | 120-7156    | 2    | Bushing-Plate, Traction |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 15   | 120-7165-03 | 1    | Bracket-Bellcrank      |
| 16   | 120-7166    | 1    | Link-Drive             |
| 17   | 120-9271    | 2    | Bracket-Anchor, Spring |
| 18   | 120-9273    | 1    | Arm-Idler, Traction    |
| 19   | 120-9275    | 1    | Spring-Extension       |
| 20   | 256-257     | 2    | Bushing-Nyliner        |
| 21   | 323-29      | 1    | Screw-HH               |
| 22   | 3230-10     | 1    | Bolt-CARR              |
| 23   | 3296-29     | 1    | Nut-Lock, NI           |
| 24   | 3296-59     | 1    | Nut-Lock, NI           |
| 25   | 3296-73     | 1    | Nut-Lock, NI           |
| 26   | 32144-85    | 7    | Screw-HWH              |
| 27   | 104-8301    | 1    | Nut-HF, NI             |
| 28   | 3256-24     | 1    | Washer-Flat            |



## Impeller Drive Assembly

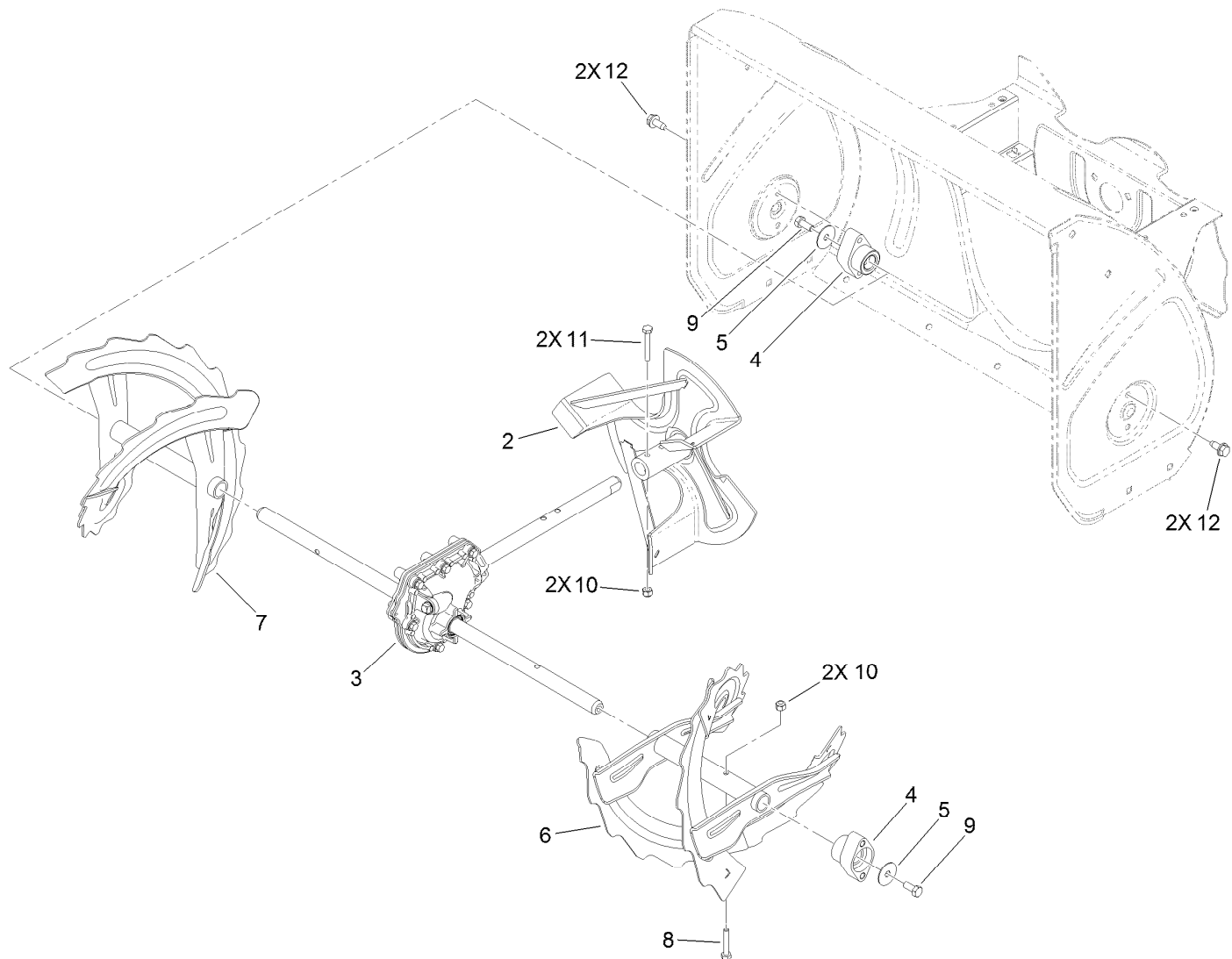
| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 1    | 3-4244      | 1    | Pulley-Idler              |
| 2    | 66-8060     | 1    | Pad-Brake                 |
| 3    | 119-3301    | 1    | Bolt-Pivot, Eccentric     |
| 4    | 120-7167    | 1    | Bushing-Rod, Clutch       |
| 5    | 120-9254-03 | 1    | Impeller Clutch ASM       |
| 6    | 120-9256    | 1    | Pivot-Brake, Impeller     |
| 7    | 120-9257-03 | 1    | Arm-Brake, Impeller       |
| 8    | 120-9276    | 1    | Eccentric-Brake, Impeller |
| 9    | 323-29      | 1    | Screw-HH                  |
| 10   | 3296-42     | 1    | Nut-Lock, NI              |
| 11   | 3296-59     | 1    | Nut-Lock, NI              |
| 12   | 32144-85    | 3    | Screw-HWH                 |



## Drive Assembly

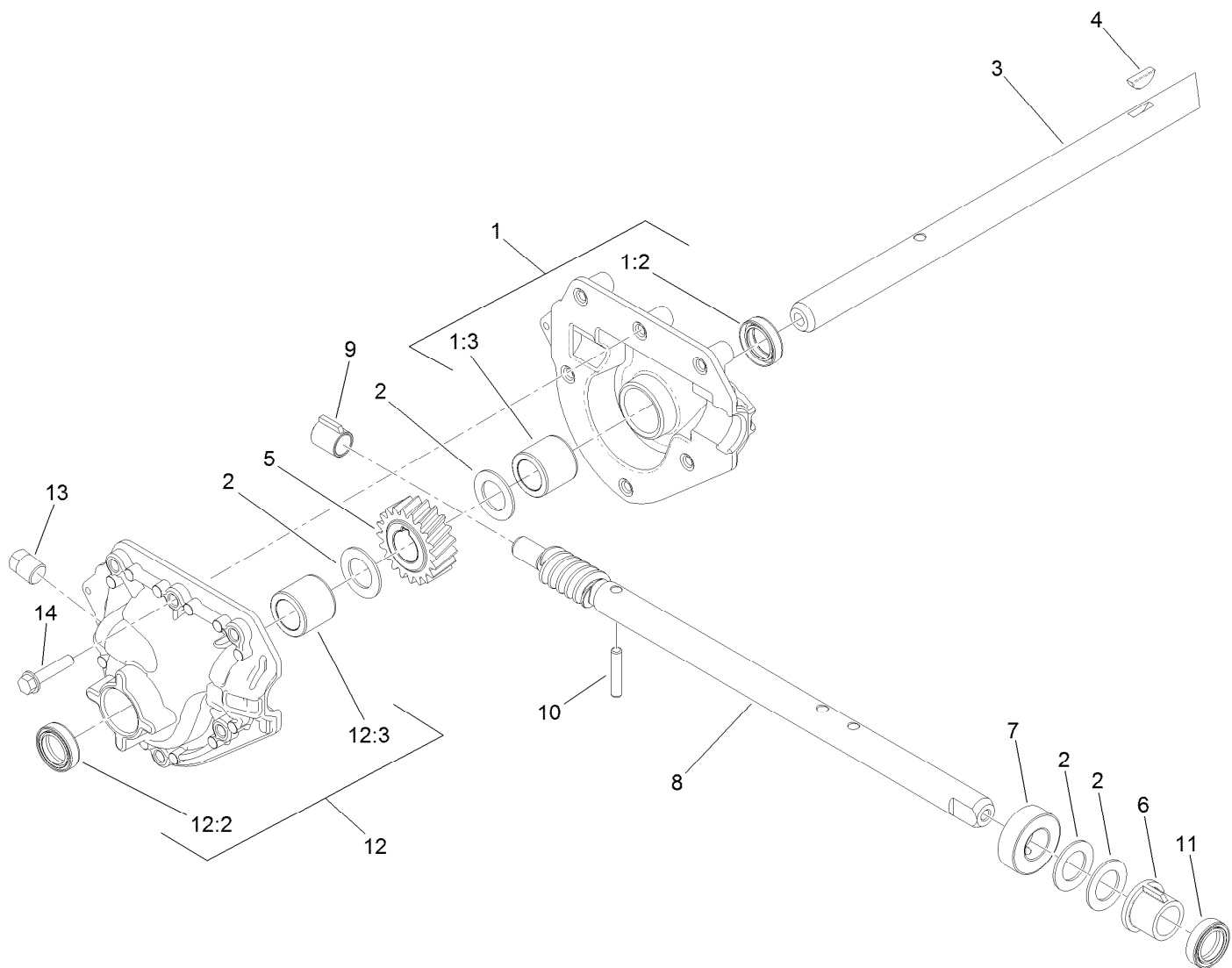
| Ref. | Part Number | Qty. | Description           | Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-----------------------|------|-------------|------|-------------------------|
| 1    | 3-8664      | 4    | Washer-Thrust         | 16   |             | 1    | LH Wheel And Tire ASM ● |
| 2    | 119-1567    | 1    | Wheel-Friction        | 16:1 | 121-1212    | 1    | Wheel                   |
| 3    | 107-3039    | 2    | Klik Pin ASM          | 16:2 | 121-6820    | 1    | Tire                    |
| 4    | 112-4004    | 3    | Screw-Shoulder        | 16:3 | 232-27      | 1    | Stem-Valve              |
| 5    | 119-7613    | 1    | Gear-Axle             | 17   |             | 1    | RH Wheel And Tire ASM ● |
| 6    | 119-7615    | 1    | Shaft-Hex             | 17:1 | 121-1212    | 1    | Wheel                   |
| 7    | 119-7616    | 1    | Gear-Pinion, 8 Tooth  | 17:2 | 121-6820    | 1    | Tire                    |
| 8    | 121-6835    | 3    | Bearing-Ball          | 17:3 | 232-27      | 1    | Stem-Valve              |
| 9    | 119-7630    | 1    | Trunnion              | 18   | 3257-7      | 1    | Key-Woodruff            |
| 10   | 119-7684    | 1    | Spacer-Plate, Shift   | 19   | 3290-343    | 3    | Pin-Hair                |
| 11   | 120-7162    | 2    | Bushing-Axle          | 20   | 3296-56     | 4    | Nut-Lock, NI            |
| 12   | 120-7180    | 1    | Axle                  | 21   | 32121-9     | 1    | Pin-Roll, Slotted       |
| 13   | 120-7191    | 1    | Retainer-Plate, Shift | 22   | 32144-85    | 6    | Screw-HWH               |
| 14   | 120-7193-03 | 1    | Shift Plate ASM       | 23   | 32144-86    | 1    | Screw-HWHTF             |
| 15   | 120-9266    | 2    | Retainer-Bearing      | 24   | 121-6840    | 2    | Washer-Rubber           |

● Not serviced separately



## Gearbox, Auger and Impeller Assembly

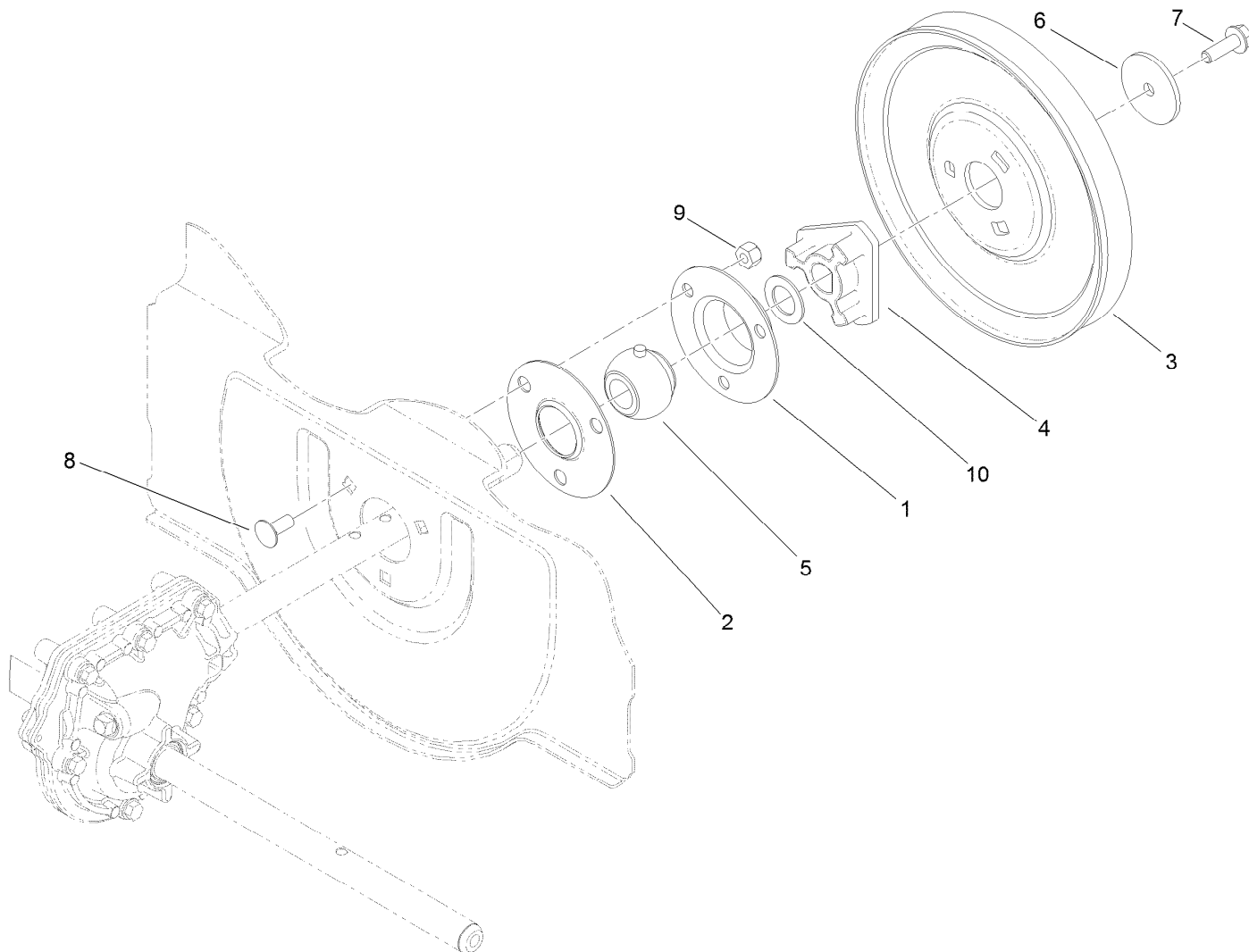
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 2    | 119-7612-03 | 1    | Impeller ASM        |
| 3    | 120-3859    | 1    | Gearcase ASM        |
| 4    | 120-3860    | 2    | Bearing-Augur       |
| 5    | 120-3862    | 2    | Washer-Thrust       |
| 6    | 120-9287-03 | 1    | LH Auger ASM        |
| 7    | 120-9290-03 | 1    | RH Auger ASM        |
| 8    | 321-43      | 2    | Capscrew            |
| 9    | 322-3       | 2    | Screw-HH            |
| 10   | 3296-42     | 4    | Nut-Lock, NI        |
| 11   | 321-10      | 2    | Screw-HH            |
| 12   | 32144-70    | 4    | Screw-Thd Roll, HWH |



## 24 Inch Auger Gearcase Assembly No. 120-3859

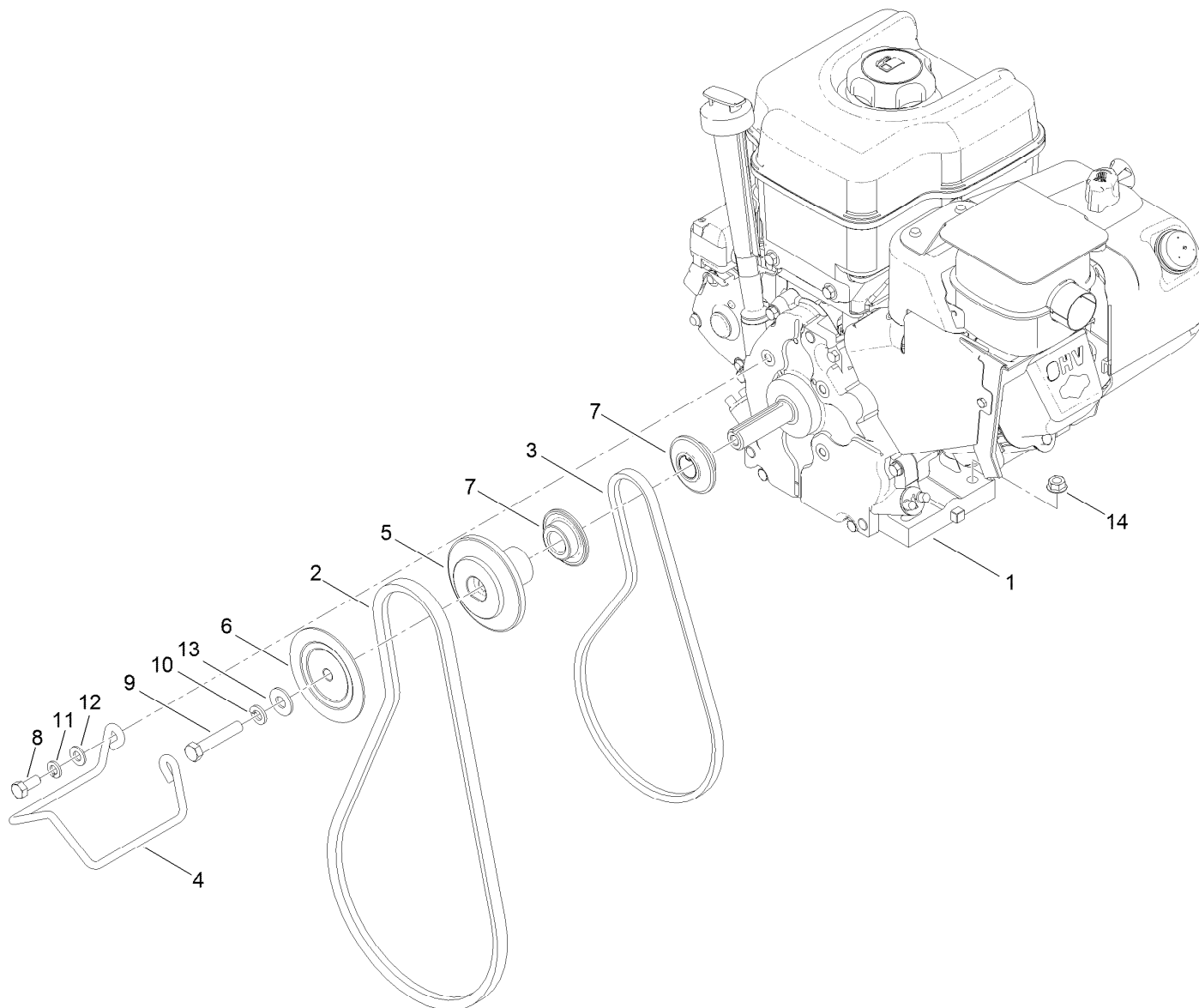
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 121-1209    | 1    | RH Auger Gearcase ASM  |
| 1:2  | 121-6634    | 1    | Seal-Shaft             |
| 1:3  | 120-9269    | 1    | Bushing-Sleeve         |
| 2    | 119-7640    | 4    | Washer-Thrust          |
| 3    | 120-3858    | 1    | Shaft-Output, Auger    |
| 4    | 3257-5      | 1    | Key-Woodruff           |
| 5    | 119-1576    | 1    | Gear-Helical, 20 Tooth |
| 6    | 119-7635    | 1    | Bushing-Input          |
| 7    | 119-7636    | 1    | Collar-Thrust          |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 8    | 121-1234    | 1    | Shaft-Impeller, Rolled |
| 9    | 62-1150     | 1    | Bushing-Worm           |
| 10   | 107-8899    | 1    | Pin-Dowel              |
| 11   | 121-6634    | 1    | Seal-Shaft             |
| 12   | 121-1210    | 1    | LH Auger Gearcase ASM  |
| 12:2 | 121-6634    | 1    | Seal-Shaft             |
| 12:3 | 120-9269    | 1    | Bushing-Sleeve         |
| 13   | 121-6832    | 1    | Plug-Pipe, SQH         |
| 14   | 108-4862    | 6    | Screw-HWHTF            |



## Impeller Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 26-6110     | 1    | Flange-Cup, Bearing  |
| 2    | 26-6120     | 1    | Flange-Cup, Bearing  |
| 3    | 120-9263    | 1    | Pulley-Impeller      |
| 4    | 120-9264    | 1    | Hub-Impeller, Pulley |
| 5    | 120-9272    | 1    | Bearing              |
| 6    | 121-1230    | 1    | Washer-Plain         |
| 7    | 115-5142    | 1    | Screw-HHF            |
| 8    | 3230-23     | 3    | Screw-CARR           |
| 9    | 3296-29     | 3    | Nut-Lock, NI         |
| 10   | 119-7640    | 1    | Washer-Thrust        |

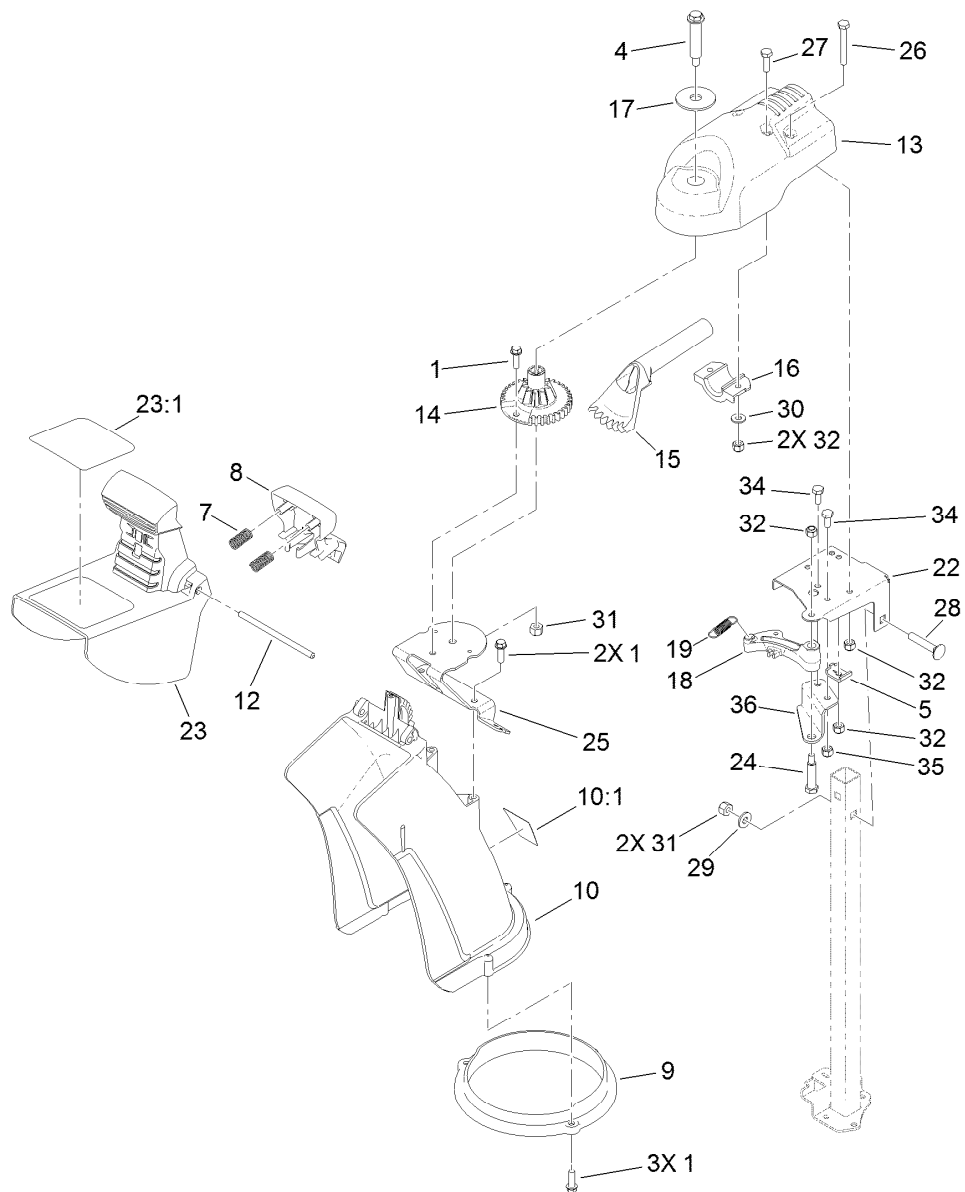


## Engine Assembly

| Ref. | Part Number | Qty. | Description                     |
|------|-------------|------|---------------------------------|
| 1    |             | 1    | Engine-Briggs, 12D1050172F8 ● ■ |
| 2    | 120-3892    | 1    | Belt-V                          |
| 3    | 120-3893    | 1    | Belt-V                          |
| 4    | 120-7196    | 1    | Guide-Belt                      |
| 5    | 120-9283    | 1    | Pulley-Auger, Rear              |
| 6    | 120-9284    | 1    | Pulley-Auger, Front             |
| 7    | 121-6804    | 2    | Pulley-Traction                 |
| 8    | 3210-3      | 2    | Screw-HH                        |
| 9    | 3211-9      | 1    | Screw-HH                        |
| 10   | 3253-21     | 1    | Washer-Lock                     |
| 11   | 3253-4      | 2    | Washer-Lock                     |
| 12   | 3256-23     | 2    | Washer-Plain                    |
| 13   | 3256-4      | 1    | Washer-Flat                     |
| 14   | 32128-20    | 4    | Nut-HF                          |

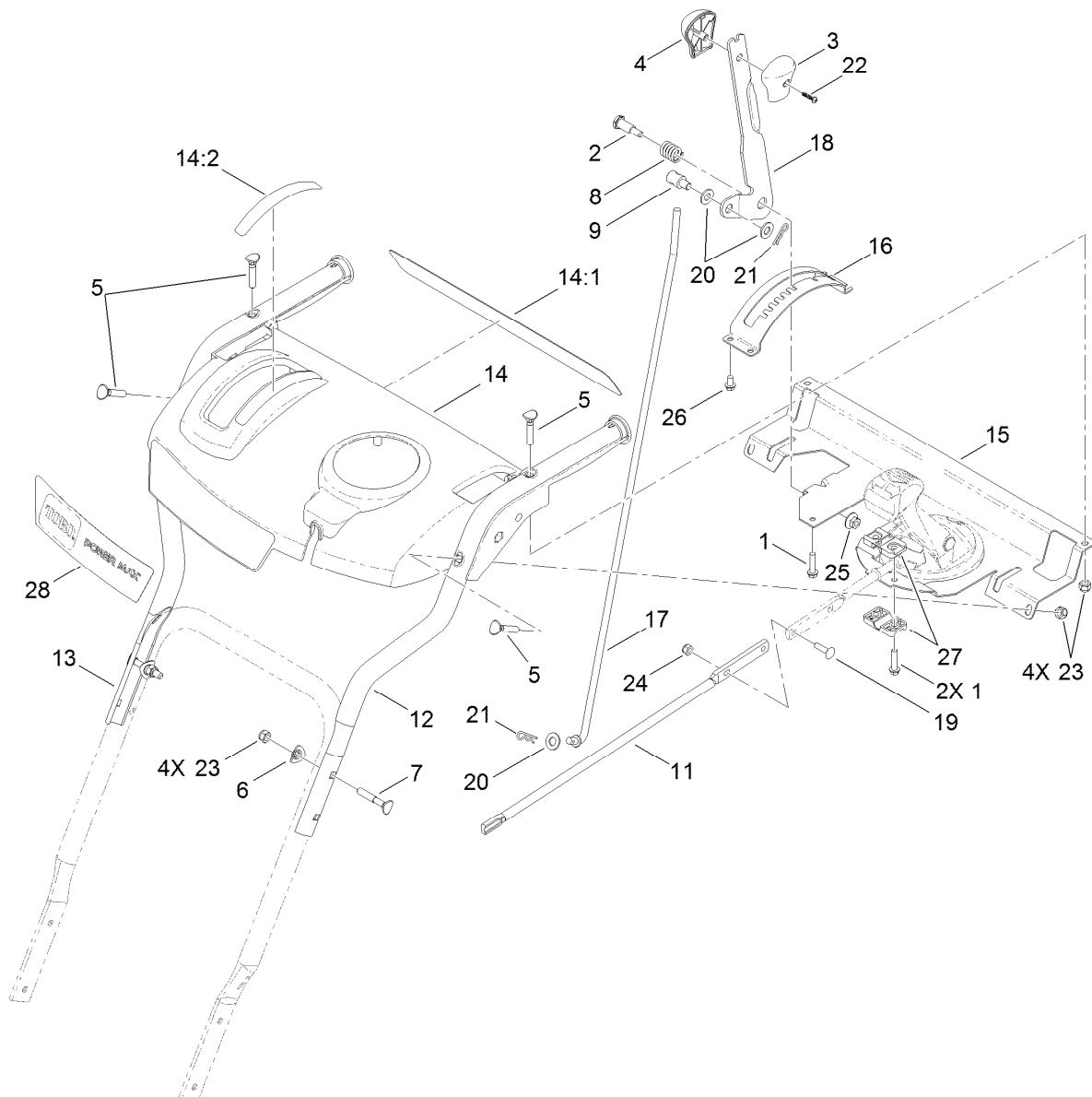
● Not serviced separately

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



## Chute Assembly

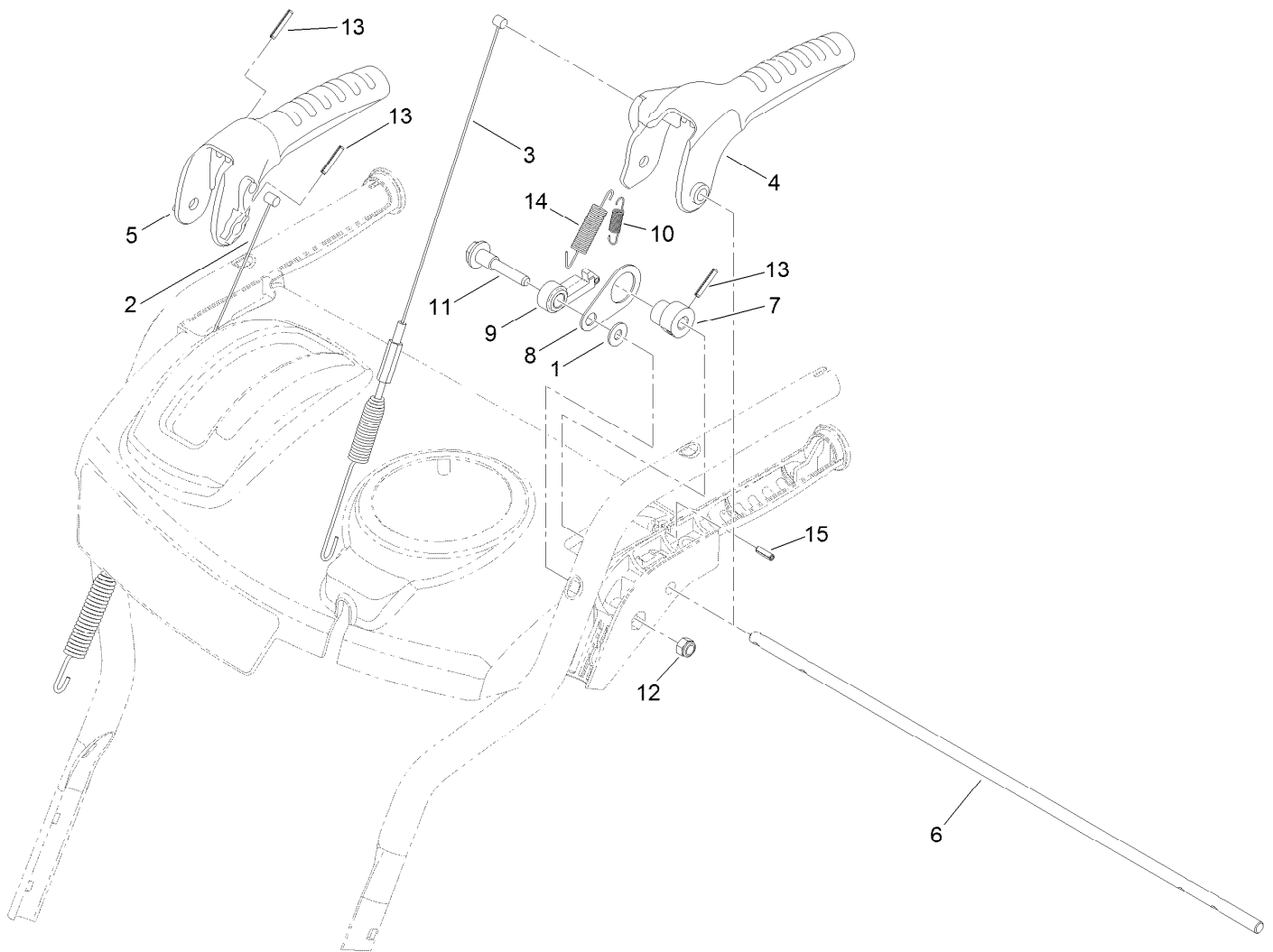
| Ref. | Part Number | Qty. | Description            | Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|------|-------------|------|------------------------|
| 1    | 46-8091     | 6    | Screw-HWH              | 22   | 121-1207-03 | 1    | Bracket-Support, Chute |
| 4    | 100-9880    | 1    | Bolt-Shoulder          | 23   | 119-7629    | 1    | Deflector-Chute        |
| 5    | 106-7297    | 1    | Clamp-Cable            | 23:1 | 121-6847    | 1    | Decal-Danger           |
| 7    | 110-9360    | 2    | Spring-Compression     | 24   | 121-1229    | 1    | Bolt-Shoulder          |
| 8    | 117-2314    | 1    | Trigger-Deflector      | 25   | 121-1237-03 | 1    | Bracket-Mount, Chute   |
| 9    | 119-7627    | 1    | Ring-Chute             | 26   | 321-11      | 3    | Screw-HH               |
| 10   | 119-7628    | 1    | Chute-Discharge        | 27   | 321-5       | 2    | Screw-HH               |
| 10:1 | 125-1121    | 1    | Decal-Guarantee        | 28   | 3230-5      | 2    | Screw-CARR             |
| 12   | 119-7632    | 1    | Pin-Hinge, Deflector   | 29   | 3256-2      | 2    | Washer-Flat            |
| 13   | 120-3852    | 1    | Mount-Chute, Discharge | 30   | 3256-22     | 2    | Washer-Flat            |
| 14   | 120-3853    | 1    | Gear-Chute             | 31   | 3296-29     | 3    | Nut-Lock, NI           |
| 15   | 120-3854    | 1    | Gear-Bevel             | 32   | 3296-42     | 5    | Nut-Lock, NI           |
| 16   | 120-3855    | 1    | Mount-Gear, Bevel      | 34   | 321-3       | 2    | Screw-HH               |
| 17   | 120-3856    | 1    | Washer-Flat            | 35   | 3296-42     | 2    | Nut-Lock, NI           |
| 18   | 120-3869    | 1    | Latch-Chute            | 36   | 121-6843    | 1    | Bracket-Support, Latch |
| 19   | 120-7150    | 1    | Spring-Latch, Chute    |      |             |      |                        |



## Handle Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 46-8092     | 3    | Screw-Plastite        |
| 2    | 63-2650     | 1    | Screw-Shoulder        |
| 3    | 105-9999    | 1    | Knob-Shift, LH        |
| 4    | 106-4423    | 1    | Knob-Shift, RH        |
| 5    | 107-3018    | 4    | Screw-Handle          |
| 6    | 107-3844    | 4    | Washer                |
| 7    | 112-8876    | 4    | Screw-Handle          |
| 8    | 108-7313    | 1    | Spring-Compression    |
| 9    | 110-3446    | 1    | Trunnion-Rod          |
| 11   | 120-3881    | 1    | Rod-Chute, Front      |
| 12   | 120-7173-03 | 1    | Handle-Upper, LH      |
| 13   | 120-7174-03 | 1    | Handle-Upper, RH      |
| 14   | 120-7194    | 1    | Panel-Control, Master |
| 14:1 | 121-6845    | 1    | Decal-Safety          |
| 14:2 | 121-6846    | 1    | Decal-Control, Speed  |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 15   | 120-9251-03 | 1    | Support-Panel, Control |
| 16   | 120-9258-03 | 1    | Mount-Selector, Speed  |
| 17   | 121-6829    | 1    | Rod-Selector, Gear     |
| 18   | 121-1242-03 | 1    | Selector-Speed         |
| 19   | 3229-30     | 2    | Screw-CARR             |
| 20   | 3256-24     | 3    | Washer-Flat            |
| 21   | 3290-307    | 2    | Pin-Cotter             |
| 22   | 94-4496     | 1    | Screw-PPH              |
| 23   | 3296-72     | 8    | Nut-Lock, NI           |
| 24   | 3296-73     | 2    | Nut-Lock, NI           |
| 25   | 32128-13    | 1    | Nut-HF                 |
| 26   | 46-8093     | 4    | Screw-Plastite         |
| 27   | 105-9987    | 2    | Support-Rod            |
| 28   | 121-6821    | 1    | Decal-Model            |



## Control Assembly

| Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|-------------------------------|
| 1    | 98-3499     | 1    | Washer-Flat                   |
| 2    | 121-6812    | 1    | Cable-Augur                   |
| 3    | 121-6813    | 1    | Cable-Traction                |
| 4    | 121-1200    | 1    | Handle-Control, Traction      |
| 5    | 121-1201    | 1    | Handle-Control, Augur         |
| 6    | 121-1202    | 1    | Rod-Lockout                   |
| 7    | 121-1203    | 1    | Cam-Lockout                   |
| 8    | 121-1204    | 1    | Link-Lockout                  |
| 9    | 121-1205    | 1    | Latch-Lockout                 |
| 10   | 121-1206    | 1    | Spring-Lockout                |
| 11   | 121-1216    | 1    | Screw-Shoulder                |
| 12   | 3296-72     | 1    | Nut-Lock, NI                  |
| 13   | 32121-125   | 3    | Pin-Spring                    |
| 14   | 121-1238    | 1    | Spring-Return, Traction Lever |
| 15   | 32121-2     | 1    | Pin-Roll, Slotted             |

3374-191C

# Attachments and Accessories

## For 37770 Power Max 724 OE Snowthrower

| Product Name                                       | Model/Part |
|----------------------------------------------------|------------|
| Engine Maintenance Kit.....                        | 138-0708   |
| Heavy-Duty Skid Kit.....                           | 38212      |
| Drift Breaker Kit .....                            | 38213      |
| Toro 2-Stage Cover.....                            | 490-7466   |
| Tire Chain Kit, Snowthrowers with 13in Tires ..... | 38214      |
| Plain 2-Stage Cover.....                           | 490-7467   |
| Non-Marking Skid Kit.....                          | 38211      |

**Notes:**

**Notes:**

**Notes:**



**Count on it.**