



**Count on it.**

# Parts Catalog

## 21in Heavy-Duty

### Recycler®/Rear Bagger Lawn Mower

Model No. 22198—Serial No. 312000001 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

**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

**LPG:** Liquid Propane 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

Housing, Chute and Wheel Assembly..... 4

Housing Assembly No. 98-7146 ..... 6

Front Wheel and Tire Assembly No. 121-1380 ..... 7

Blade Brake Assembly ..... 8

Fuel Tank Assembly..... 10

Handle Assembly ..... 11

Control Panel Assembly ..... 12

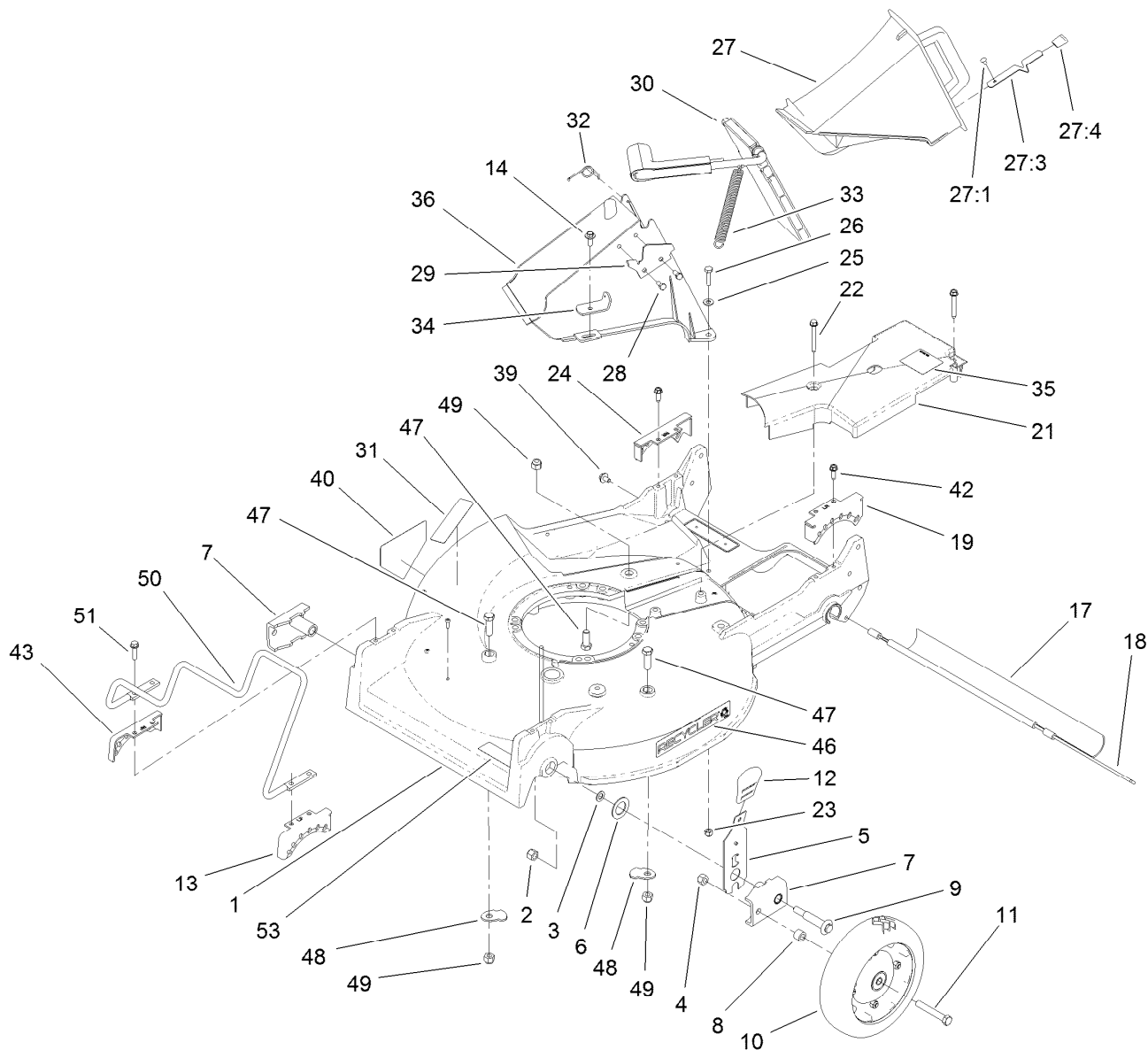
Gearbox and Axle Assembly ..... 13

Rear Wheel and Tire Assembly No. 121-1379 ..... 14

Gear Case Assembly No. 74-1860 ..... 15

Grass Bag Assembly No. 121-1391 ..... 16

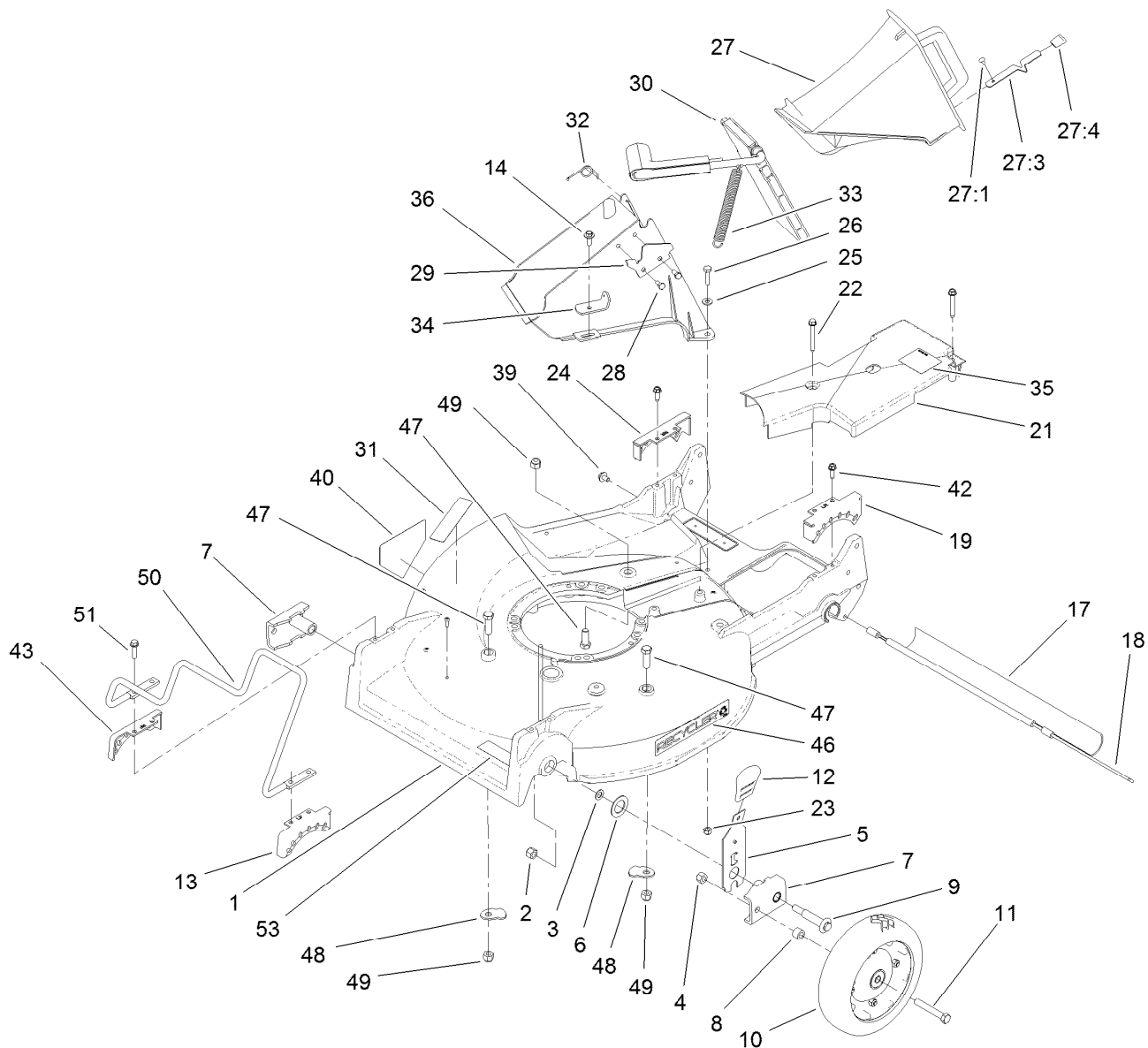
Attachments and Accessories ..... 17



## Housing, Chute and Wheel Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 98-7146     | 1    | Housing              |
| 2    | 3296-6      | 2    | Nut-Lock             |
| 3    | 40-1940     | 2    | Washer               |
| 4    | 32152-2     | 2    | Nut-Lock, Cone       |
| 5    | 119-2323    | 2    | Front Spring Arm ASM |
| 6    | 257-3       | 2    | Washer-Thrust        |
| 7    | 61-8300     | 2    | Arm-Pivot, Front     |
| 8    | 52-2480     | 2    | Spacer-Wheel         |
| 9    | 114-3468    | 2    | Screw-Shoulder       |
| 10   | 121-1380    | 2    | Wheel And Tire ASM   |
| 11   | 323-12      | 2    | Screw-HH             |
| 12   | 110-0549    | 2    | Knob-HOC             |
| 13   | 49-8760     | 1    | Quadrant-Front, LH   |
| 14   | 46-6811     | 1    | Screw-HWH            |
| 17   | 112-9989    | 1    | Shield-Trailing      |
| 18   | 33-3208     | 1    | Rod-Shield           |
| 19   | 49-8740     | 1    | Quadrant-Rear, LH    |
| 21   | 74-1770     | 1    | Cover-Belt           |
| 22   | 117-5248    | 2    | Screw-HWHTF          |
| 23   | 3296-42     | 2    | Nut-Lock, NI         |
| 24   | 49-8750     | 1    | Quadrant-Rear, RH    |

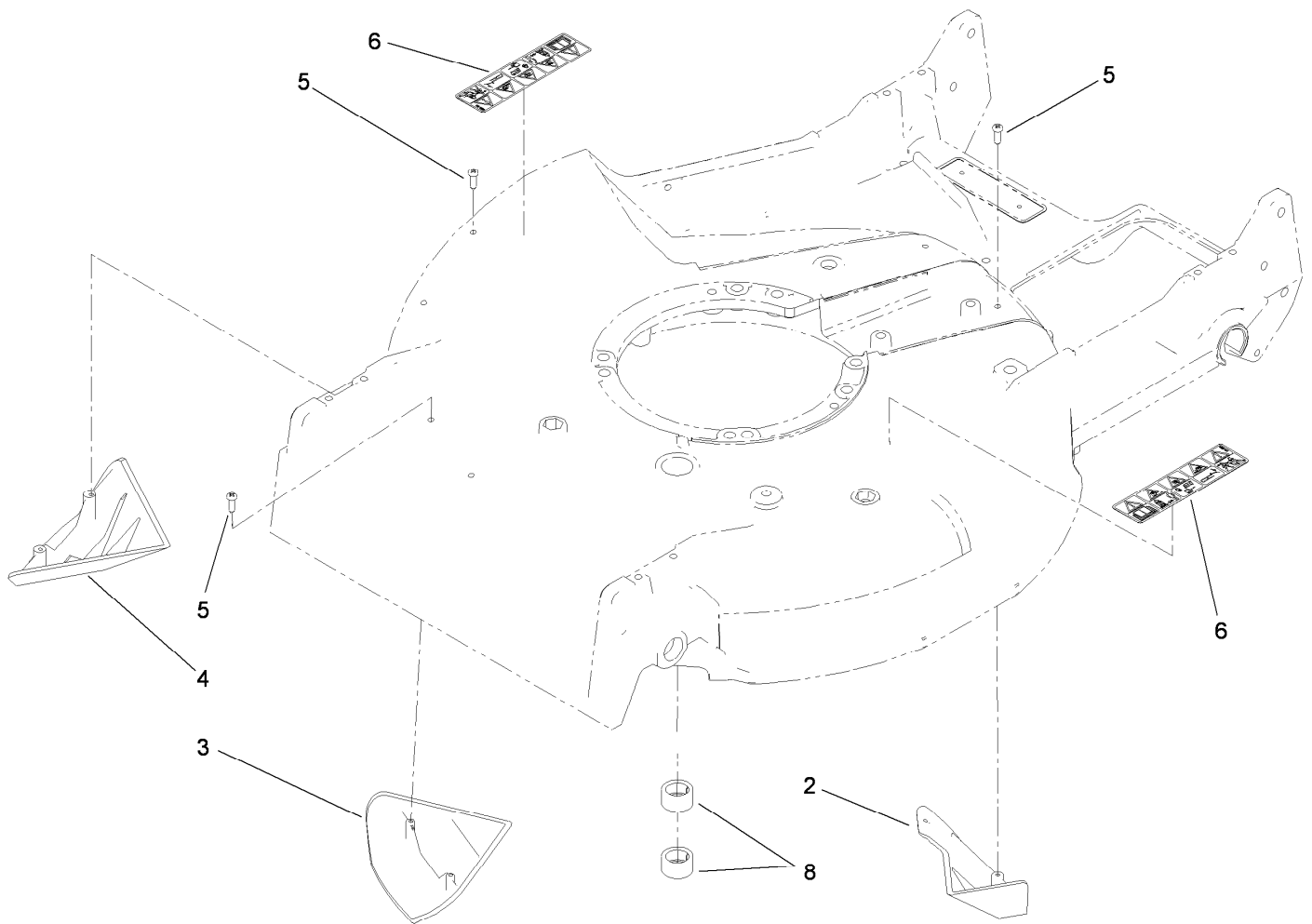
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 25   | 3256-22     | 2    | Washer-Flat           |
| 26   | 321-8       | 2    | Screw-HH              |
| 27   | 77-0500     | 1    | Discharge Plug ASM    |
| 27:1 | 3295-35     | 1    | Rivet-Head, Flat      |
| 27:3 | 76-4640     | 1    | Latch-Plug, Discharge |
| 27:4 | 76-4650     | 1    | Grip-Latch            |
| 28   | 46-8090     | 2    | Screw-Plastite        |
| 29   | 93-3154     | 1    | Latch-Plate           |
| 30   | 93-7351     | 1    | Discharge Door ASM    |
| 31   | 117-2718    | 1    | Decal-Arrester, Spark |
| 32   | 80-3770     | 1    | Retainer-Door         |
| 33   | 76-4660     | 1    | Spring-Door           |
| 34   | 71-9350     | 1    | Bracket-Spring        |
| 35   | 119-7894    | 1    | Decal-Grease          |
| 36   | 82-9152     | 1    | Tunnel-Discharge      |
| 39   | 46-6810     | 1    | Screw And Washer ASM  |
| 40   | 94-8072     | 1    | Decal-Danger          |
| 42   | 49-2040     | 4    | Screw-HWHTF           |
| 43   | 49-8770     | 1    | Quadrant-Front, RH    |
| 46   | 106-0689    | 1    | Decal                 |
| 47   | 323-6       | 3    | Screw-HH              |



## Housing, Chute and Wheel Assembly (continued)

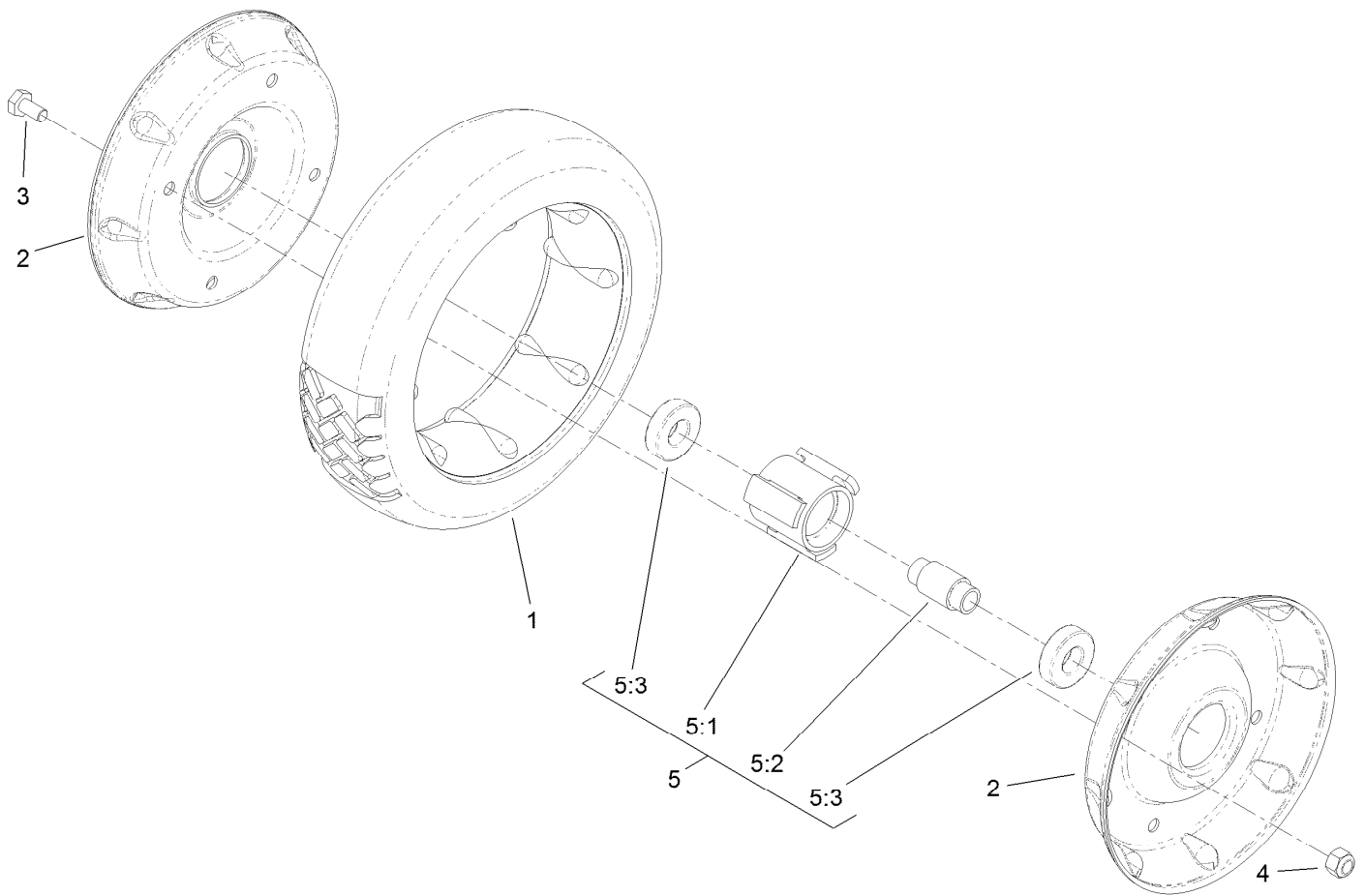
| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 48   | 84-8930     | 2    | Shield-Retainer |
| 49   | 3296-39     | 3    | Nut-Lock, NI    |
| 50   | 109-7638    | 1    | Guard-Engine    |

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 51   | 32144-86    | 4    | Screw-HWHTF |
| 53   | 68-7410     | 1    | Decal-Blade |



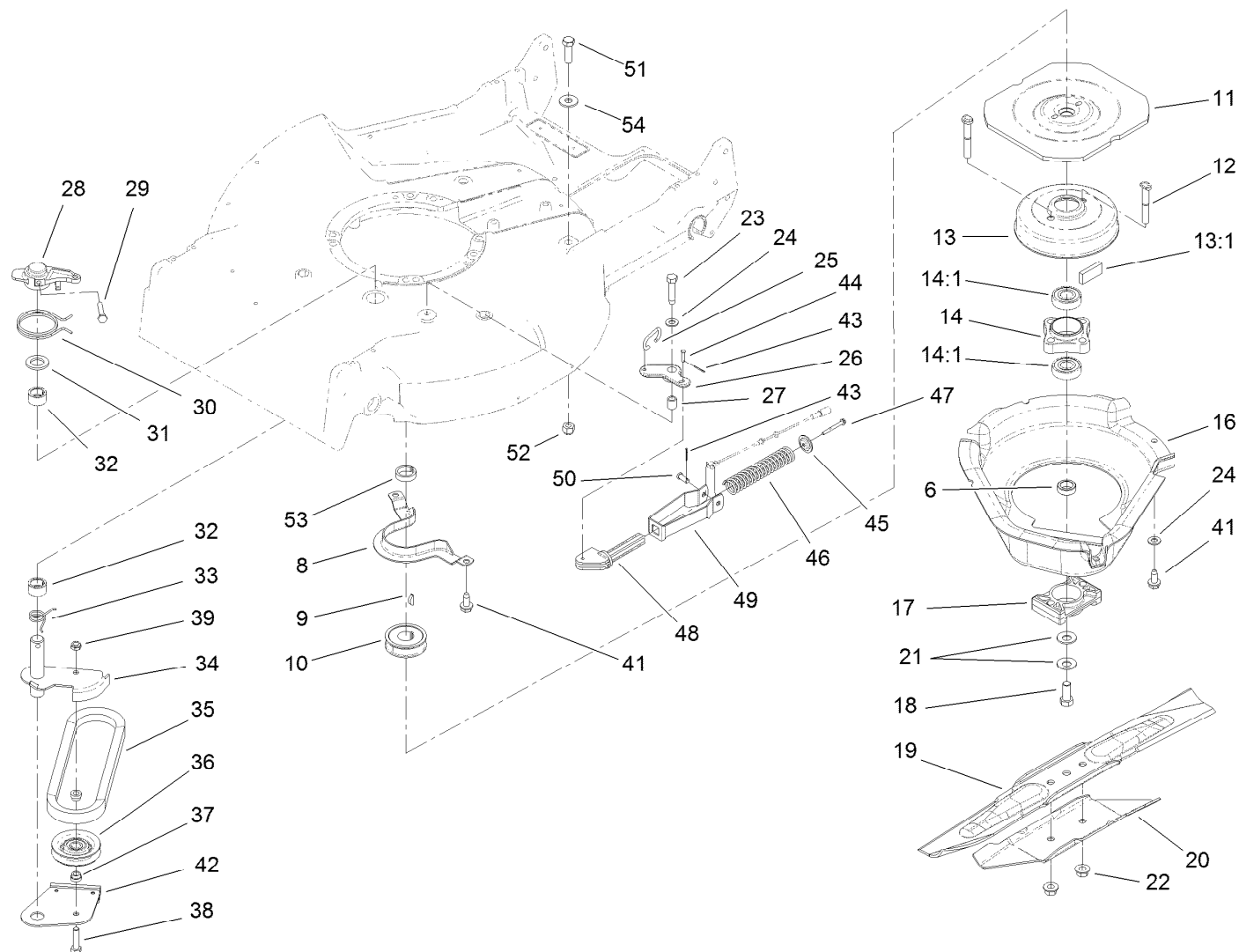
## Housing Assembly No. 98-7146

| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 2    | 92-1750     | 1    | Kicker-Rear  |
| 3    | 92-1720     | 1    | Kicker-Front |
| 4    | 92-1730     | 1    | Kicker-RH    |
| 5    | 32144-111   | 6    | Screw-PPH    |
| 6    | 110-4978    | 2    | Decal-Danger |
| 8    | 68-9780     | 2    | Bearing      |



## Front Wheel and Tire Assembly No. 121-1380

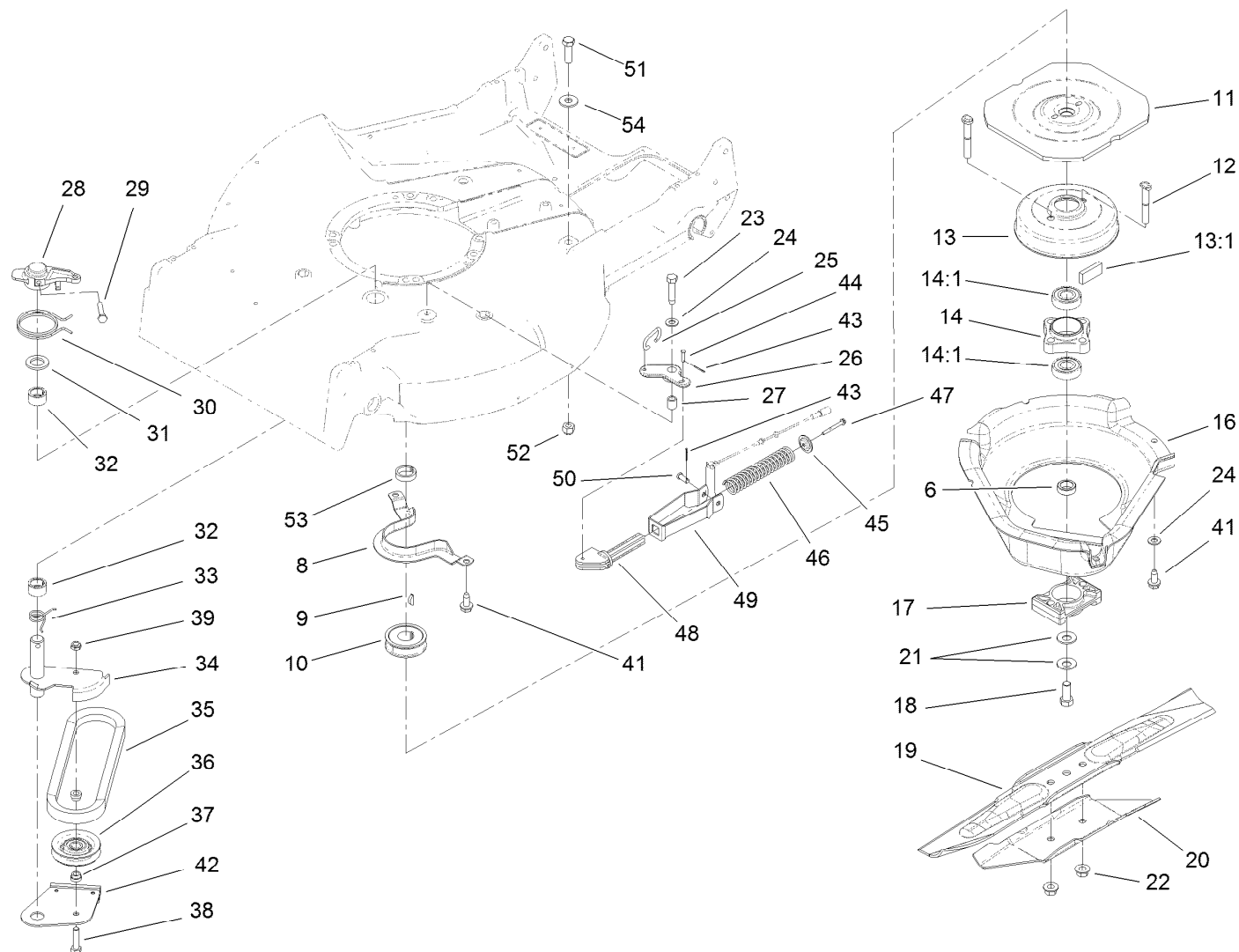
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 53-7740     | 1    | Tire                |
| 2    | 121-1365-06 | 2    | Rim-Half, Wheel     |
| 3    | 321-2       | 4    | Screw-HH            |
| 4    | 3296-42     | 4    | Nut-Lock, NI        |
| 5    | 121-1377    | 1    | Hub And Bearing ASM |
| 5:1  | 52-2410     | 1    | Hub-Bearing         |
| 5:2  | 52-2440     | 1    | Spacer-Bearing      |
| 5:3  | 109-8020    | 2    | Bearing-Ball        |



## Blade Brake Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 6    | 107-4058    | 1    | Spacer-Shaft, Output |
| 8    | 66-0570-03  | 1    | Bracket-Guide, Belt  |
| 9    | 3257-17     | 1    | Key-Woodruff         |
| 10   | 56-6180     | 1    | Pulley-Driver        |
| 11   | 56-6160-03  | 1    | Flywheel-BBC         |
| 12   | 42-3190     | 2    | Bolt-Blade           |
| 13   | 94-9431     | 1    | Brake Drum ASM       |
| 13:1 | 52-3480     | 2    | Dampener-Vibration   |
| 14   | 42-6890     | 1    | Hub ASM              |
| 14:1 | 100-1048    | 2    | Bearing-Ball         |
| 16   | 46-5693     | 1    | Shield               |
| 17   | 107-4275    | 1    | Spacer-Blade         |
| 18   | 3212-4      | 1    | Screw-HH             |
| 19   | 91-2256-03  | 1    | Blade-21 Inch        |
| 20   | 91-2255-03  | 1    | Stiffener-Blade      |
| 21   | 1-603610    | 2    | Washer-Spring        |
| 22   | 54-9190     | 2    | Nut-Lock             |
| 23   | 32104-107   | 1    | Screw-HH             |
| 24   | 3256-23     | 2    | Washer-Flat          |
| 25   | 49-2810     | 1    | Link-Control         |
| 26   | 49-7960     | 1    | Bellcrank            |

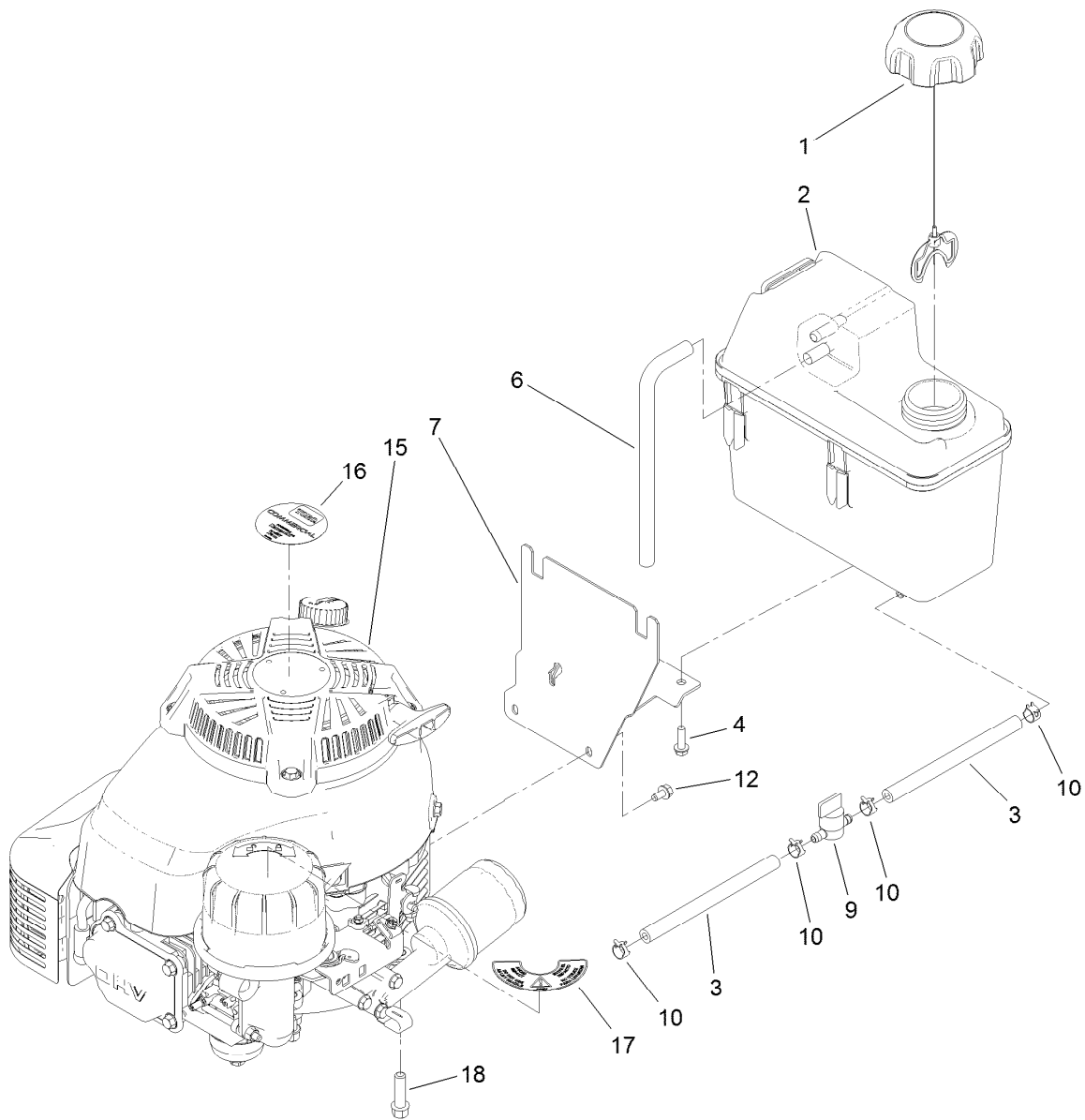
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 27   | 49-7950     | 1    | Sleeve-Bellcrank     |
| 28   | 49-2820     | 1    | Lever                |
| 29   | 32104-96    | 1    | Screw-HH             |
| 30   | 49-7970     | 1    | Spring-Torsion       |
| 31   | 70-1160     | 1    | Washer               |
| 32   | 68-9780     | 2    | Bearing              |
| 33   | 85-6880     | 1    | Spring-Torsion       |
| 34   | 84-9130     | 1    | Arm-Idler            |
| 35   | 42-0884     | 1    | V-Belt               |
| 36   | 117-5299    | 1    | Pulley-Idler         |
| 37   | 46-5631     | 2    | Spacer-Pulley, Idler |
| 38   | 322-6       | 1    | Screw-HH             |
| 39   | 3296-47     | 1    | Nut-Lock, NI         |
| 41   | 32144-70    | 3    | Screw-HWHTF          |
| 42   | 121-1351    | 1    | Brake Plate ASM      |
| 43   | 3272-1      | 2    | Pin-Cotter           |
| 44   | 84-9050     | 1    | Pin-Spring           |
| 45   | 65-5280     | 1    | Retainer-Spring      |
| 46   | 84-9100     | 1    | Spring               |
| 47   | 46-7040     | 1    | Screw-HWHTF          |
| 48   | 106-0842    | 1    | Guide-Spring         |



## Blade Brake Assembly (continued)

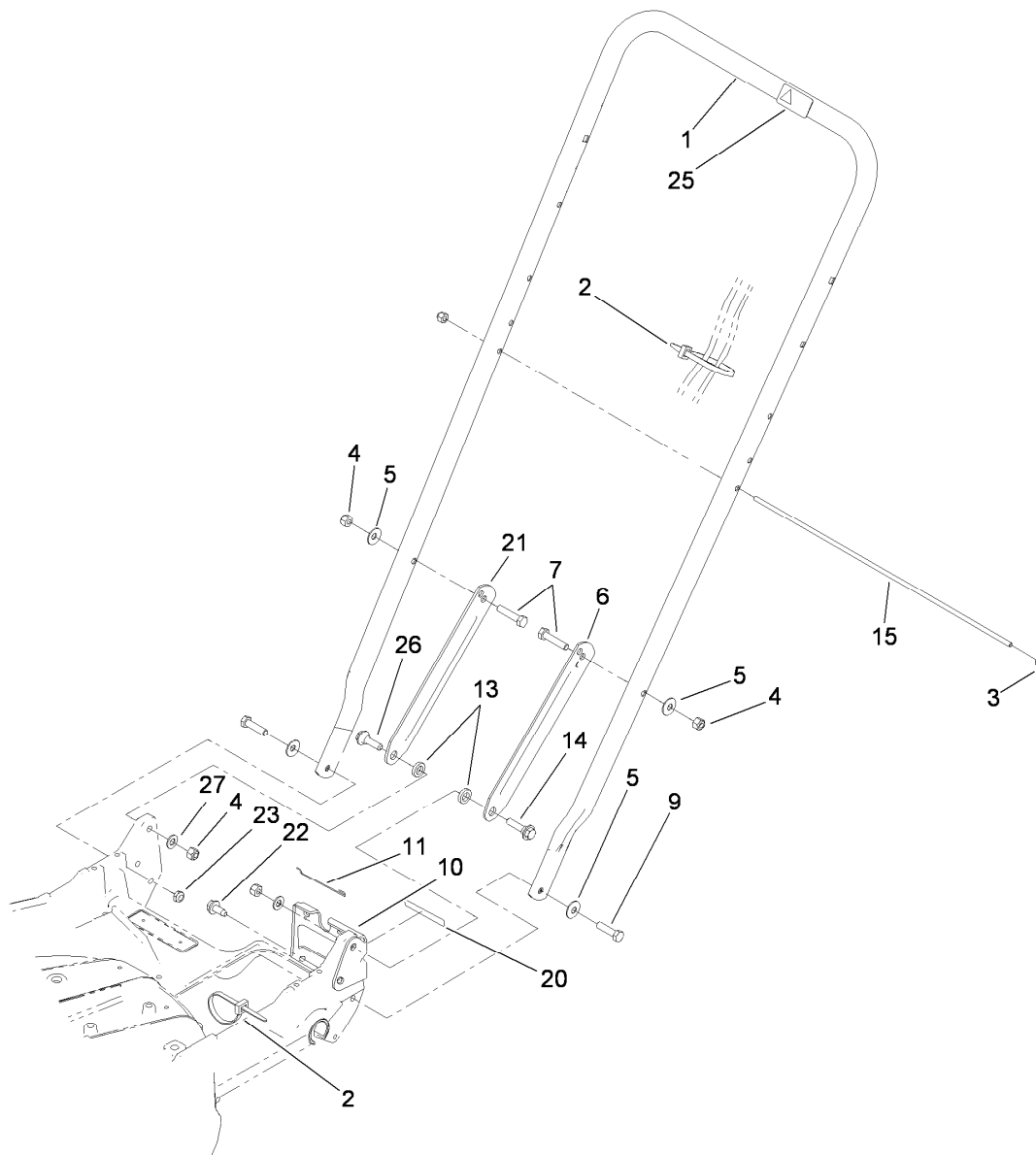
| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 49   | 107-4087-03 | 1    | Bracket-Spring |
| 50   | 84-9040     | 1    | Pin-Cable      |
| 51   | 323-7       | 1    | Screw-HH       |

| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 52   | 3296-39     | 1    | Nut-Lock, NI    |
| 53   | 110-2142    | 1    | Spacer-Pulley   |
| 54   | 80-6990     | 1    | Washer-Hardened |



## Fuel Tank Assembly

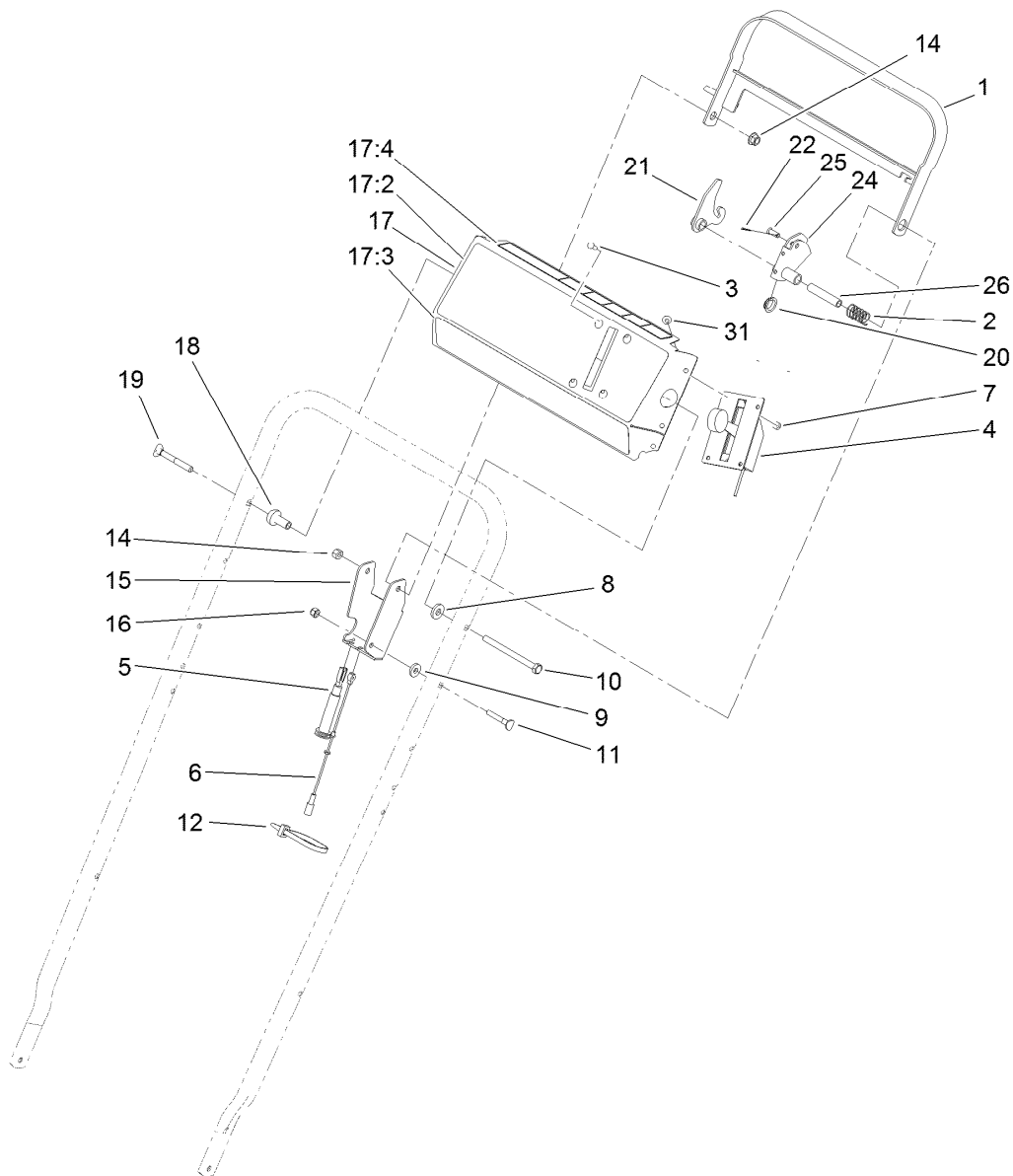
| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 1    | 109-6776    | 1    | Cap-Ratchet, Tethered          |
| 2    | 114-0280    | 1    | Tank-Fuel                      |
| 3    | 107-0588    | 2    | Hose-Fuel                      |
| 4    | 46-8091     | 2    | Screw-HWH                      |
| 6    | 115-0962    | 1    | Hose-Vent, Canister            |
| 7    | 115-0954-03 | 1    | Tank Mount ASM                 |
| 9    | 1-603770    | 1    | Valve-Fuel                     |
| 10   | 2412-98     | 4    | Clamp-Hose                     |
| 12   | 104-2628    | 3    | Screw-HWH                      |
| 15   | 121-1400    | 1    | Engine-Kawasaki, Fj180V-Bm07-M |
| 16   | 110-0520    | 1    | Decal                          |
| 17   | 114-3415    | 1    | Decal                          |
| 18   | 95-1727     | 4    | Screw-Tapite                   |



## Handle Assembly

| Ref. | Part Number | Qty. | Description                     |
|------|-------------|------|---------------------------------|
| 1    | 98-2385-03  | 1    | Handle                          |
| 2    | 3290-378    | 1    | Tie-Cable                       |
| 3    | 32111-7     | 2    | Nut-Cap                         |
| 4    | 3296-29     | 4    | Nut-Lock, NI                    |
| 5    | 3290-456    | 4    | Washer-Belleville               |
| 6    | 100-3298-03 | 1    | Latch-Handle, LH                |
| 7    | 322-7       | 2    | Screw-HH                        |
| 9    | 322-6       | 2    | Screw-HH                        |
| 10   | 74-1741     | 1    | Bracket-Adjustment,<br>Traction |
| 11   | 46-7030     | 1    | Retainer-Cable                  |

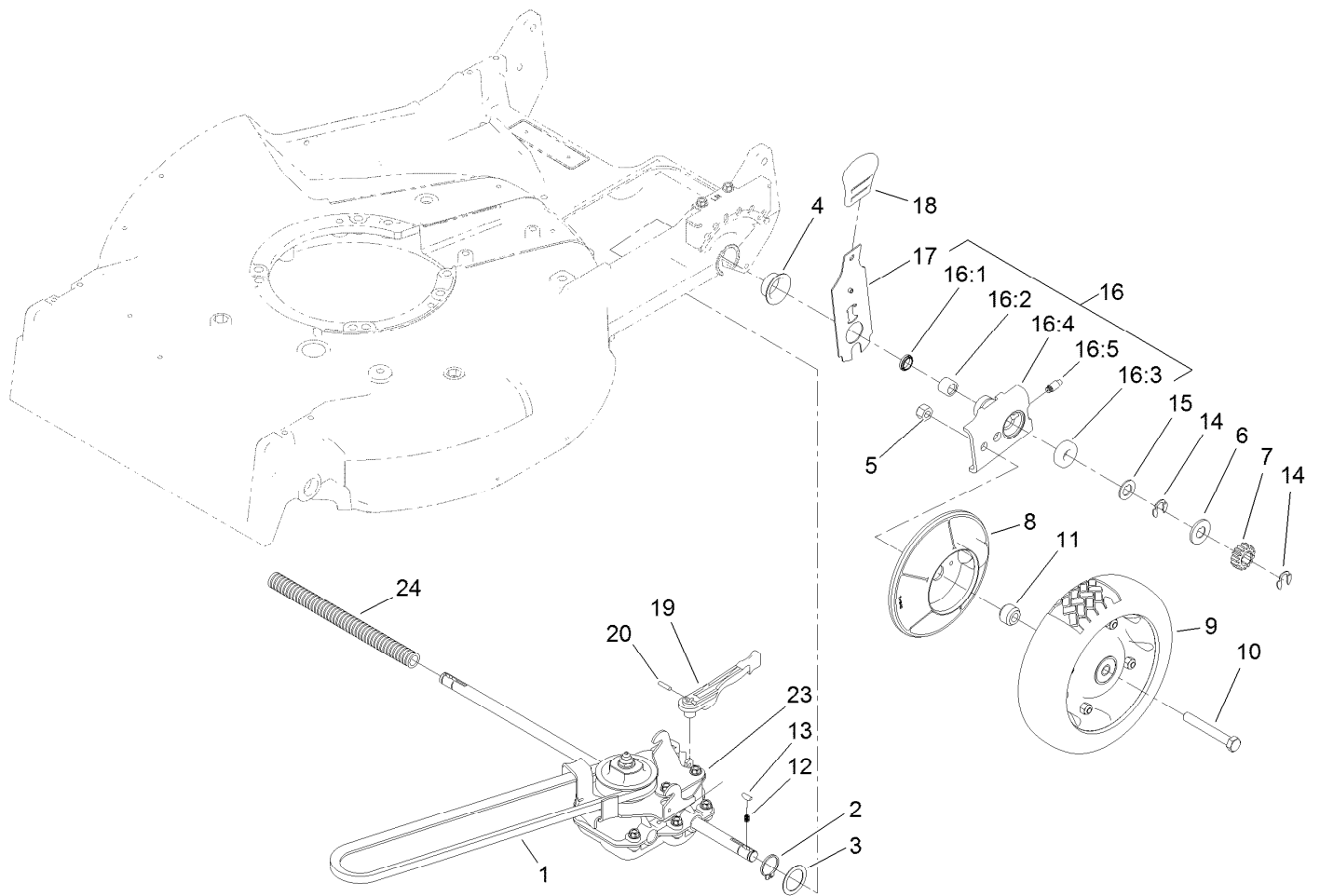
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 13   | 3-3287      | 2    | Spacer                |
| 14   | 27-7210     | 1    | Screw-Shoulder        |
| 15   | 48-2810     | 1    | Rod-Support, Bag      |
| 20   | 74-1970     | 1    | Decal-Position, Gear  |
| 21   | 100-3297-03 | 1    | Latch-Handle, RH      |
| 22   | 32144-70    | 1    | Screw-HWHTF           |
| 23   | 3296-47     | 2    | Nut-Lock, NI          |
| 25   | 98-4387     | 1    | Decal-Protection, Ear |
| 26   | 27-7211     | 1    | Screw-Shoulder        |
| 27   | 3256-23     | 2    | Washer-Flat           |



## Control Panel Assembly

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 1    | 84-8940-03  | 1    | Bar-Control      |
| 2    | 85-6750     | 1    | Spring-Control   |
| 3    | 3250-12     | 4    | Screw-PPH        |
| 4    | 117-3543    | 1    | Control-Throttle |
| 5    | 84-9120     | 1    | Cable-Traction   |
| 6    | 84-9110     | 1    | Cable-Clutch     |
| 7    | 3296-2      | 4    | Nut-Lock, NI     |
| 8    | 71-9310     | 1    | Spacer           |
| 9    | 71-9320     | 1    | Spacer           |
| 10   | 322-19      | 1    | Screw-HH         |
| 11   | 46-6430     | 1    | Screw-Handle     |
| 12   | 3290-378    | 1    | Tie-Cable        |
| 14   | 104-8300    | 2    | Nut-Flange, NI   |
| 15   | 92-1778-03  | 1    | Bracket-Control  |

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 16   | 3296-42     | 1    | Nut-Lock, NI            |
| 17   | 14-7709     | 1    | Panel ASM               |
| 17:2 | 107-4098    | 1    | Decal-Panel             |
| 17:3 | 106-0771    | 1    | Decal-Panel             |
| 17:4 | 112-8736    | 1    | Decal-Danger Panel      |
| 18   | 49-1631     | 1    | Spacer-Support          |
| 19   | 17-9427     | 1    | Screw                   |
| 20   | 86-9320     | 1    | Bushing-Flange          |
| 21   | 84-9000     | 1    | Lever-Traction          |
| 22   | 3272-1      | 1    | Pin-Cotter              |
| 24   | 84-8990     | 1    | Lever-BBC               |
| 25   | 84-9040     | 1    | Pin-Cable               |
| 26   | 84-9030     | 1    | Spacer-Bracket, Control |
| 31   | 32104-76    | 6    | Screw-Thd Cutting,HWH   |

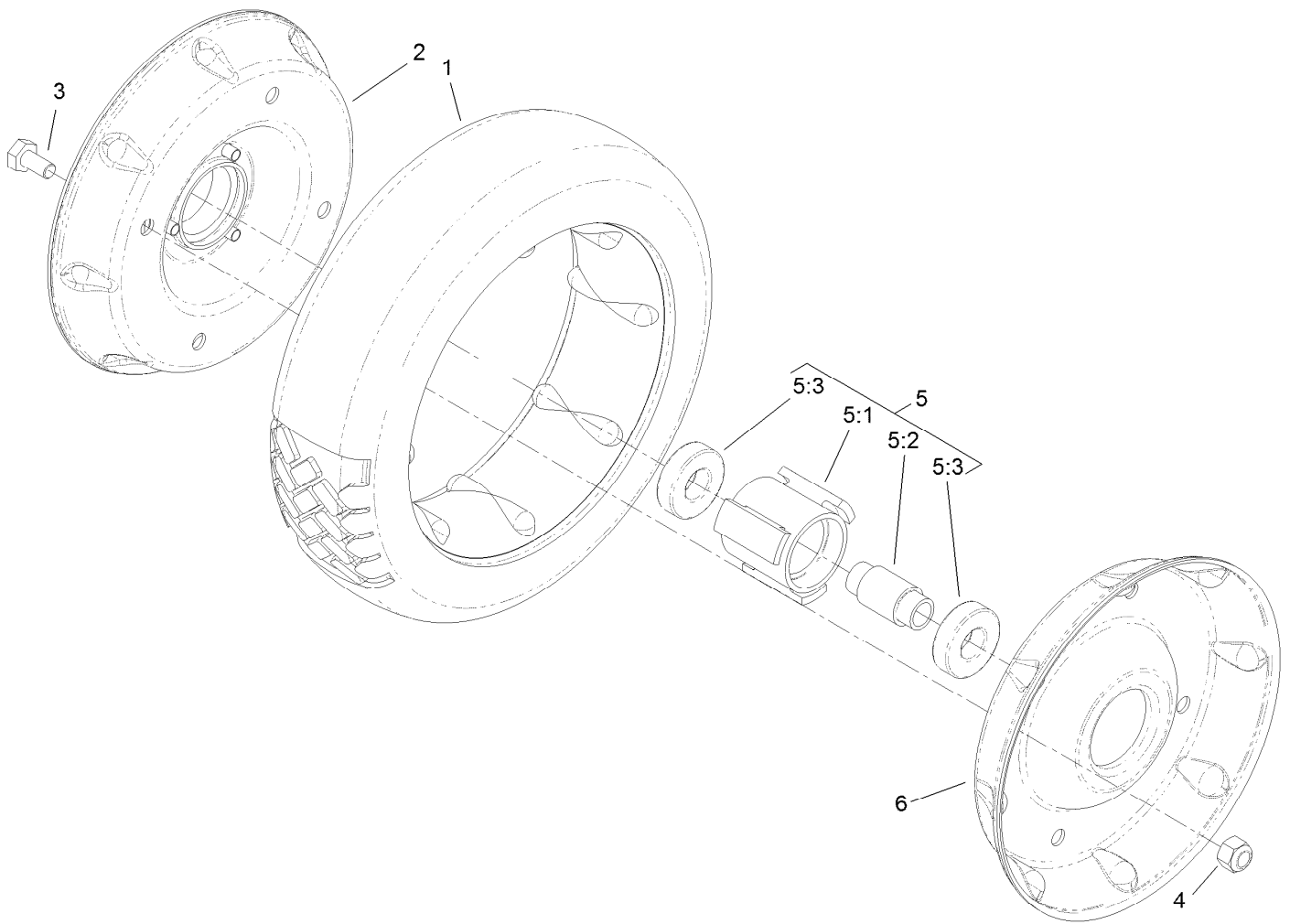


## Gearbox and Axle Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 36-8070     | 1    | V-Belt               |
| 2    | 32151-36    | 2    | Ring-Retaining       |
| 3    | 74-1810     | 2    | Washer               |
| 4    | 48-2170     | 2    | Cap-End              |
| 5    | 32152-2     | 2    | Nut-Lock, Cone       |
| 6    | 62-3830     | 2    | Washer-Thrust, Outer |
| 7    | 39-9160     | 2    | Gear-Pinion          |
| 8    | 74-1640     | 2    | Cover-Wheel          |
| 9    | 121-1379    | 2    | Wheel And Tire ASM   |
| 10   | 323-13      | 2    | Screw-HH             |
| 11   | 74-1650     | 2    | Spacer-Cover, Wheel  |
| 12   | 39-9650     | 2    | Spring-Compression   |
| 13   | 612066      | 2    | Key                  |
| 14   | 32151-68    | 4    | Ring-Retaining       |

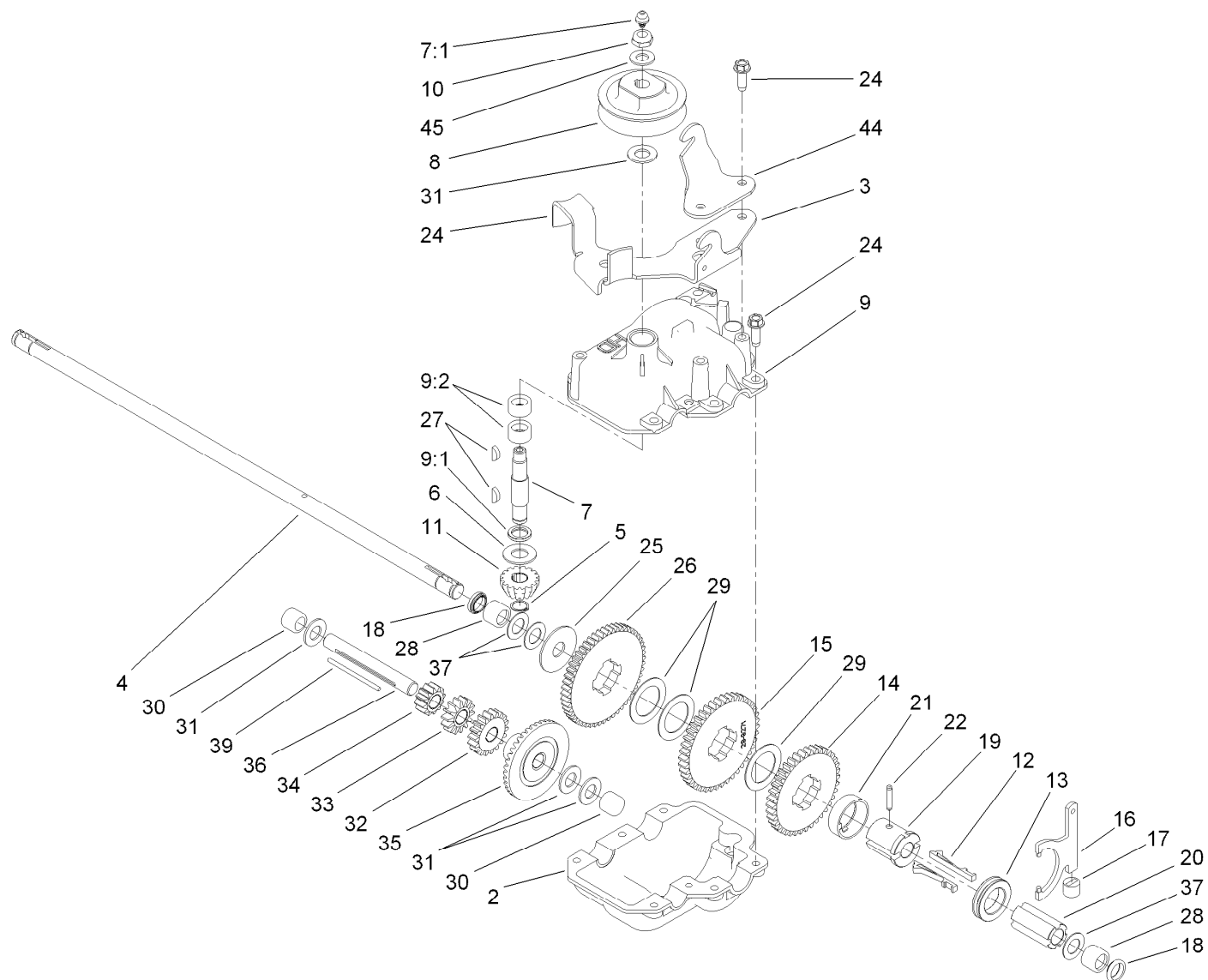
| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 15   | 49-7700     | 2    | Washer-Thrust, Outer        |
| 16   | 74-1851     | 2    | Pivot Arm ASM               |
| 16:1 | 47-6730     | 1    | Seal-Oil                    |
| 16:2 | 117-3500    | 1    | Bearing-Caged Needle Roller |
| 16:3 | 52-2450     | 1    | Bearing-Wheel               |
| 16:4 |             | 1    | Arm-Pivot, Rear ●           |
| 16:5 | 92-6316     | 1    | Zerk                        |
| 17   | 119-2324    | 2    | Rear Spring Arm ASM         |
| 18   | 110-0549    | 2    | Knob-HOC                    |
| 19   | 74-1960     | 1    | Lever-Shift                 |
| 20   | 32121-99    | 1    | Pin-Coil                    |
| 23   | 74-1860     | 1    | Gear Case ASM               |
| 24   | 121-1357    | 1    | Cover-Shaft, Drive          |

● Not serviced separately



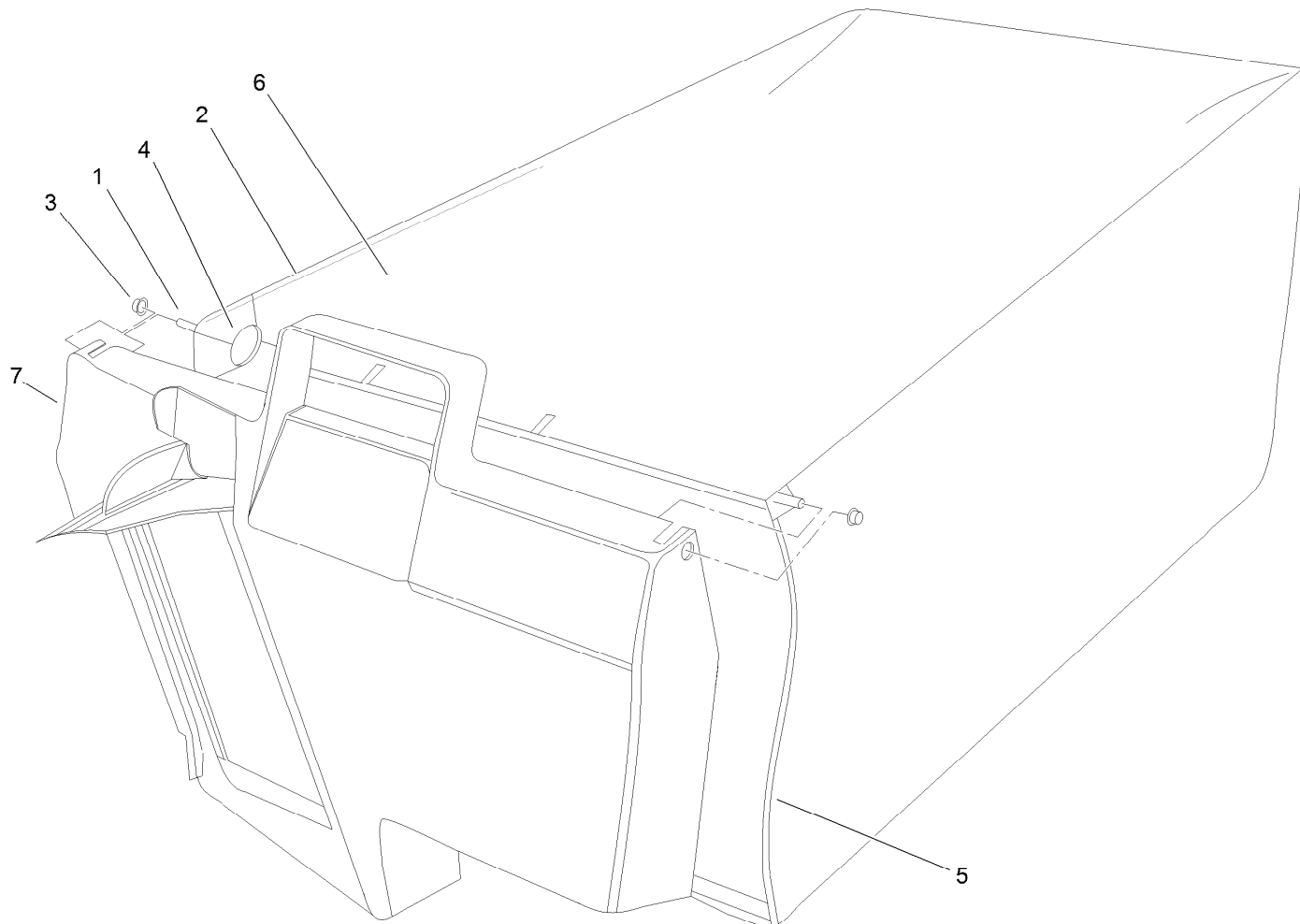
## Rear Wheel and Tire Assembly No. 121-1379

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 53-7740     | 1    | Tire                    |
| 2    | 121-1378-06 | 1    | Wheel Half And Gear ASM |
| 3    | 321-2       | 4    | Screw-HH                |
| 4    | 3296-42     | 4    | Nut-Lock, NI            |
| 5    | 121-1377    | 1    | Hub And Bearing ASM     |
| 5:1  | 52-2410     | 1    | Hub-Bearing             |
| 5:2  | 52-2440     | 1    | Spacer-Bearing          |
| 5:3  | 109-8020    | 2    | Bearing-Ball            |
| 6    | 121-1365-06 | 1    | Rim-Half, Wheel         |



## Gear Case Assembly No. 74-1860

| Ref. | Part Number | Qty. | Description         | Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|---------------------|------|-------------|------|-----------------------------|
| 2    | 119-7863    | 1    | Gearcase-Lower      | 20   | 39-6720     | 1    | Sleeve                      |
| 3    | 49-8461-03  | 1    | Bracket-Guide, Belt | 21   | 55-8020     | 1    | Retainer-Key                |
| 4    | 74-1890     | 1    | Shaft-Output        | 22   | 3285-19     | 1    | Pin-Groove                  |
| 5    | 32151-57    | 1    | Ring-Retaining      | 24   | 49-2040     | 8    | Screw-HWHTF                 |
| 6    | 47-2910     | 1    | Washer-Thrust       | 25   | 29-9690     | 1    | Washer                      |
| 7    | 13-5149     | 1    | Input Shaft ASM     | 26   | 46-3560     | 1    | Gear                        |
| 7:1  | 302-63      | 1    | Zerk                | 27   | 3257-1      | 2    | Key-Woodruff                |
| 8    | 39-6740     | 1    | Pulley              | 28   | 117-3500    | 2    | Bearing-Caged Needle Roller |
| 9    | 13-9739     | 1    | Upper Gearcase ASM  | 29   | 36-4770     | 3    | Washer                      |
| 9:1  | 47-7260     | 1    | Seal                | 30   | 252-103     | 2    | Bearing-Needle, Closed      |
| 9:2  | 47-7270     | 2    | Bearing-Needle      | 31   | 36-4792     | 4    | Washer-Thrust               |
| 10   | 3296-5      | 1    | Nut-Lock            | 32   | 39-6650     | 1    | Gear-18T                    |
| 11   | 39-6660     | 1    | Pinion-Bevel        | 33   | 46-3550     | 1    | Gear-14T                    |
| 12   | 29-9330     | 2    | Key-Shift           | 34   | 46-3540     | 1    | Gear-12T                    |
| 13   | 29-9340     | 1    | Collar-Shift        | 35   | 74-1760     | 1    | Gear-Bevel                  |
| 14   | 42-4740     | 1    | Gear-38T            | 36   | 53-7950     | 1    | Shaft-Intermediate          |
| 15   | 29-9271     | 1    | Gear-42T            | 37   | 36-4780     | 4    | Washer-Plain                |
| 16   | 60-8870     | 1    | Yoke-Shift          | 39   | 39-7842     | 1    | Key                         |
| 17   | 29-9570     | 1    | Bushing-Yoke        | 44   | 74-1750-03  | 1    | Bracket-Engage, Traction    |
| 18   | 47-6730     | 2    | Seal-Oil            | 45   | 3256-45     | 1    | Washer-Flat                 |
| 19   | 55-8010     | 1    | Sleeve-Gear         |      |             |      |                             |



## Grass Bag Assembly No. 121-1391

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 1    | 33-4820     | 1    | Hinge-Door, Bag  |
| 2    | 121-1388    | 1    | Frame-Bag, Upper |
| 3    | 3290-422    | 2    | Nut-Push         |
| 4    | 36-6910     | 2    | Spring           |
| 5    | 42-4020     | 1    | Frame-Bag        |
| 6    | 106-0926    | 1    | Bag-Grass        |
| 7    | 121-1389    | 1    | Door-Bag, Grass  |

# Attachments and Accessories

## For 22198 21in Heavy-Duty Recycler/Rear Bagger Lawn Mower

| Product Name                       | Model/Part |
|------------------------------------|------------|
| Blade-Atomic, 21in .....           | 104-1302   |
| Bag-Large, Walk Behind (Toro)..... | 490-7315   |
| Bag-Walk Behind (Toro).....        | 490-7318   |
| Bag-Large, Walk Behind .....       | 490-7322   |
| Bag-Walk Behind .....              | 490-7325   |
| Cover-Lawnmower .....              | 490-7462   |
| Side Discharge Kit .....           | 59199      |

**Notes:**

**Notes:**



**Count on it.**