Form No. 3363-230 Rev A

TORO®

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Parts Catalog

# 52in Side Discharge Mower

## Groundsmaster® 200, 3320 and 3280-D Series Traction Unit

**Model No. 30555—Serial No. 310000001 and Up**

CE

Register at www.Toro.com.

Original Instructions (EN)

# 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 clutch

**CARR:** carriage

**CCW:** counter clock wise

**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

**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

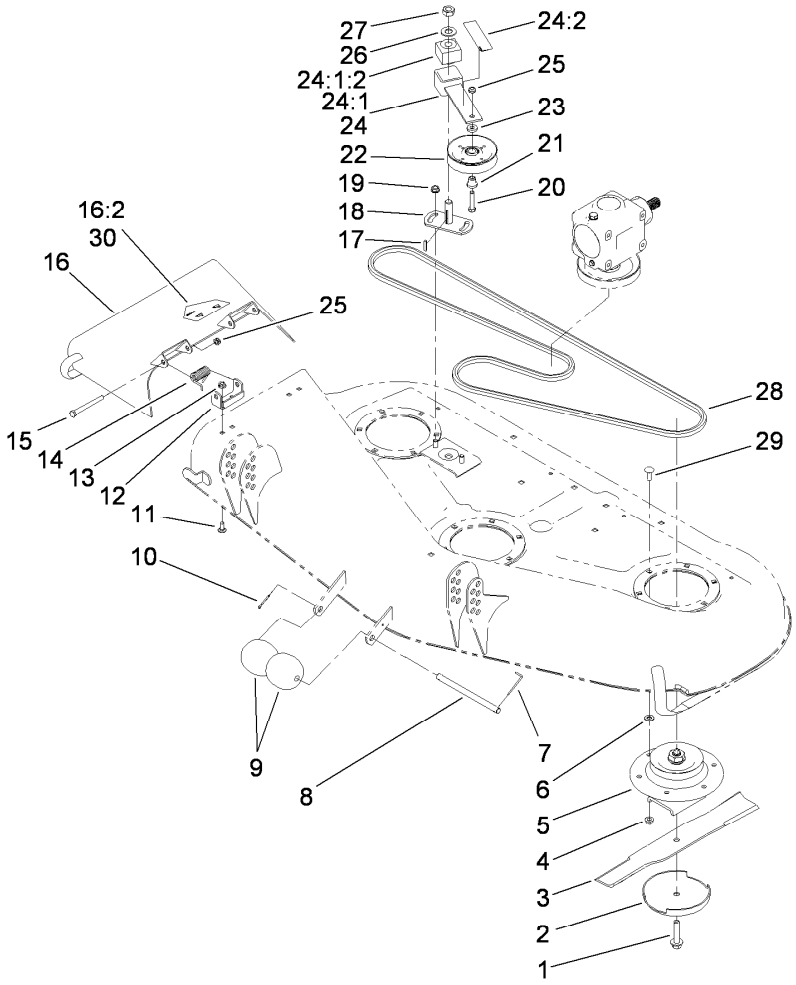
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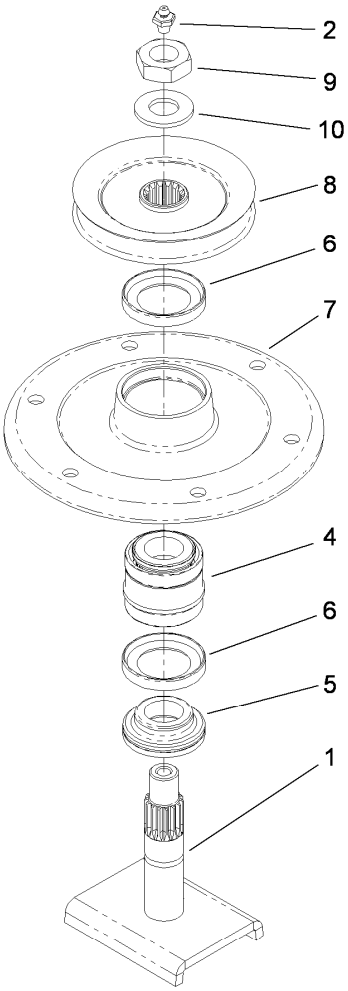

# Deck and Spindle Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 92-5816 | 3 | Bolt-Blade |
| 2 | 72-9361 | 3 | Cup-Scalp, Anti |
| 3 | 104-1301 | 3 | Blade-Atomic ● |
| 3 | 27-0990-03 | 3 | Blade-18 Inch |
| 3 | 44-5480-03 | 3 | Blade-High Sail ● |
| 3 | 56-2390-03 | 3 | Blade-Sail, Extra High ● |
| 4 | 32128-21 | 18 | Nut-HF |
| 5 | 27-0870 | 3 | Spindle ASM |
| 6 | 3256-24 | 4 | Washer-Flat |
| 7 | 57-0690 | 1 | Pin-Special |
| 8 | 40-6400 | 1 | Shaft-Roller |
| 9 | 29-4820 | 2 | Roller |
| 10 | 3272-11 | 1 | Pin-Cotter |
| 11 | 3230-23 | 4 | Screw-CARR |
| 12 | 29-5590-01 | 2 | Bracket-Pivot |
| 13 | 32128-20 | 4 | Nut-HF |
| 14 | 40-6230 | 2 | Spring |
| 15 | 3211-15 | 2 | Screw-HH |
| 16 | 93-8714 | 1 | Deflector ASM |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 16:2 | 106-6753 | 1 | Decal-Danger, Ce |
| 17 | 5-1077 | 1 | Key-Square |
| 18 | 28-9060 | 1 | Plate-Idler |
| 19 | 3290-357 | 2 | Nut-HHF, Whiz |
| 20 | 3211-8 | 1 | Screw-HH |
| 21 | 65-5950 | 1 | Bushing-Pulley |
| 22 | 65-5940 | 1 | Pulley-Idler |
| 23 | 7-0081 | 1 | Washer-Flat |
| 24 | 100-6178 | 1 | Idler Arm ASM |
| 24:1 | | 1 | Arm-Idler ■ |
| 24:1:2 | 27-8490 | 1 | Bushing-Rubber |
| 24:2 | 100-6578 | 1 | Decal-Danger |
| 25 | 3296-5 | 3 | Nut-Lock |
| 26 | 3256-27 | 1 | Washer-Flat |
| 27 | 3296-33 | 1 | Nut-Lock, NI |
| 28 | 27-1160 | 1 | V-Belt |
| 29 | 3231-22 | 18 | Screw-CARR |
| 30 | 43-8480 | 1 | Decal-Danger |

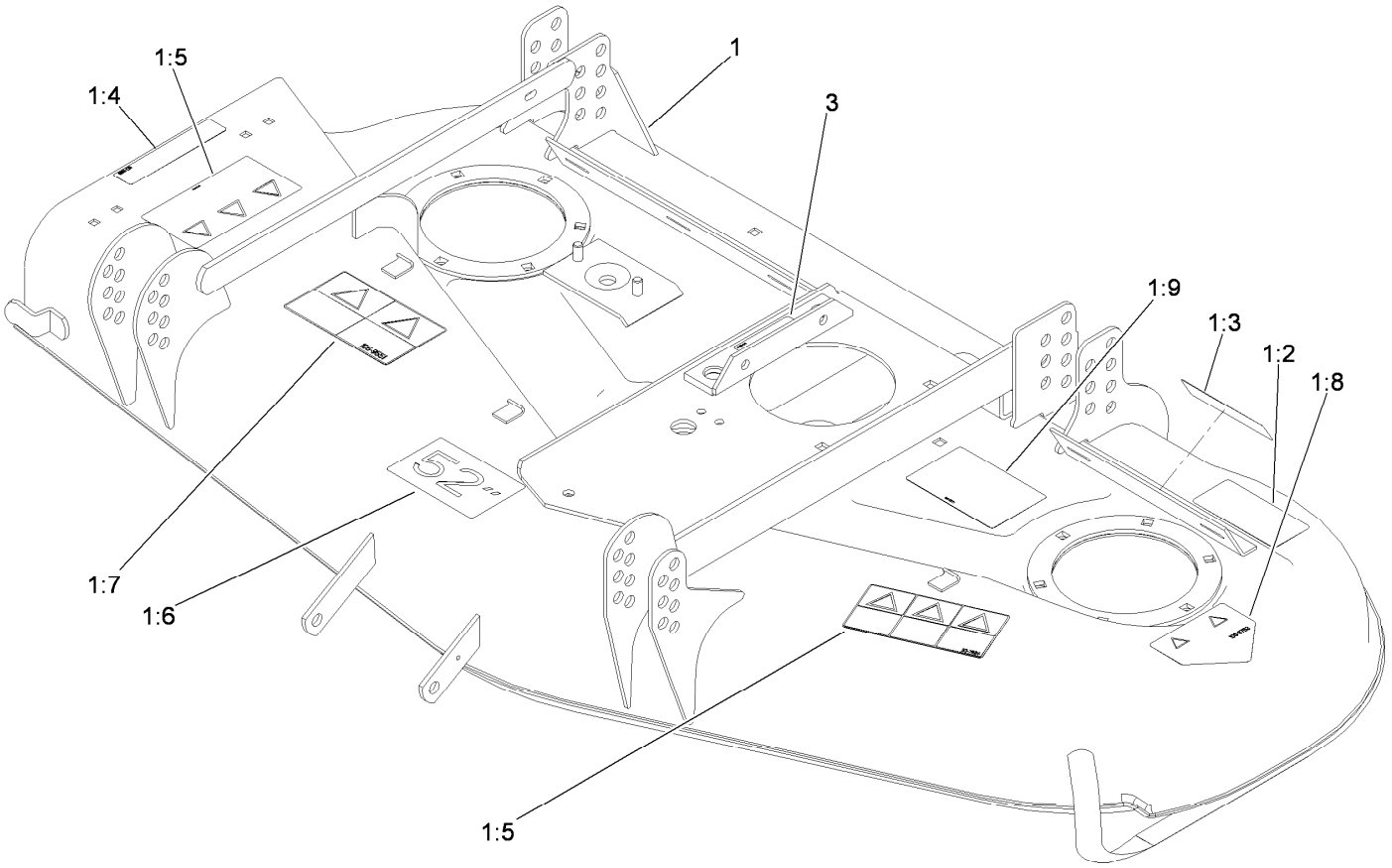
● Optional Equipment

■ Not serviced separately



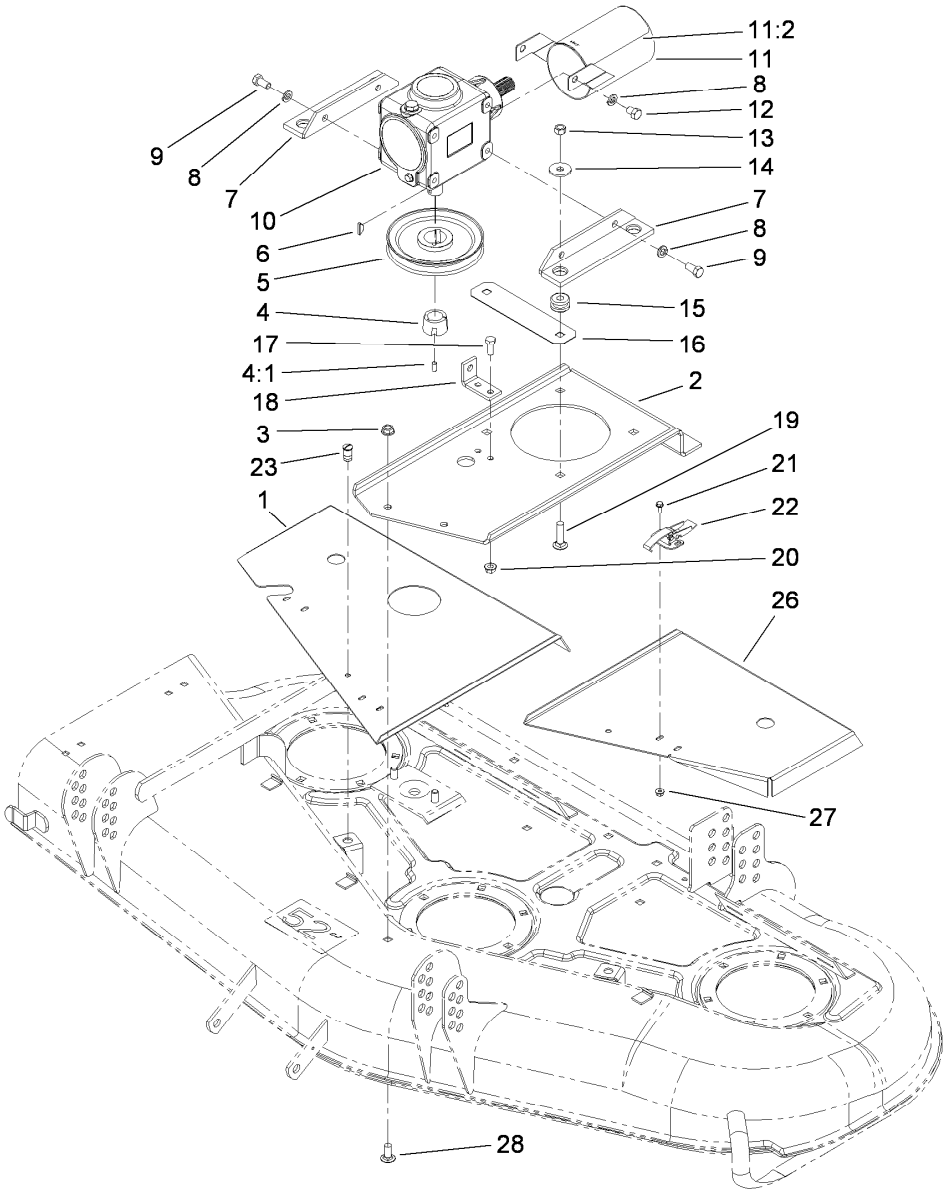

# Drive Spindle Assembly No. 27-0870

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 27-0920-03 | 1 | Shaft ASM |
| 2 | 302-2 | 1 | Fitting-Grease |
| 4 | 46-8530 | 1 | Bearing ASM |
| 5 | 27-0950 | 1 | Spacer |
| 6 | 253-139 | 2 | Seal-Oil |
| 7 | 61-4160 | 1 | Housing-Spindle |
| 8 | 27-0970 | 1 | Pulley And Hub ASM |
| 9 | 32146-20 | 1 | Nut-Jam |
| 10 | 106-0776 | 1 | Washer-Pinion |



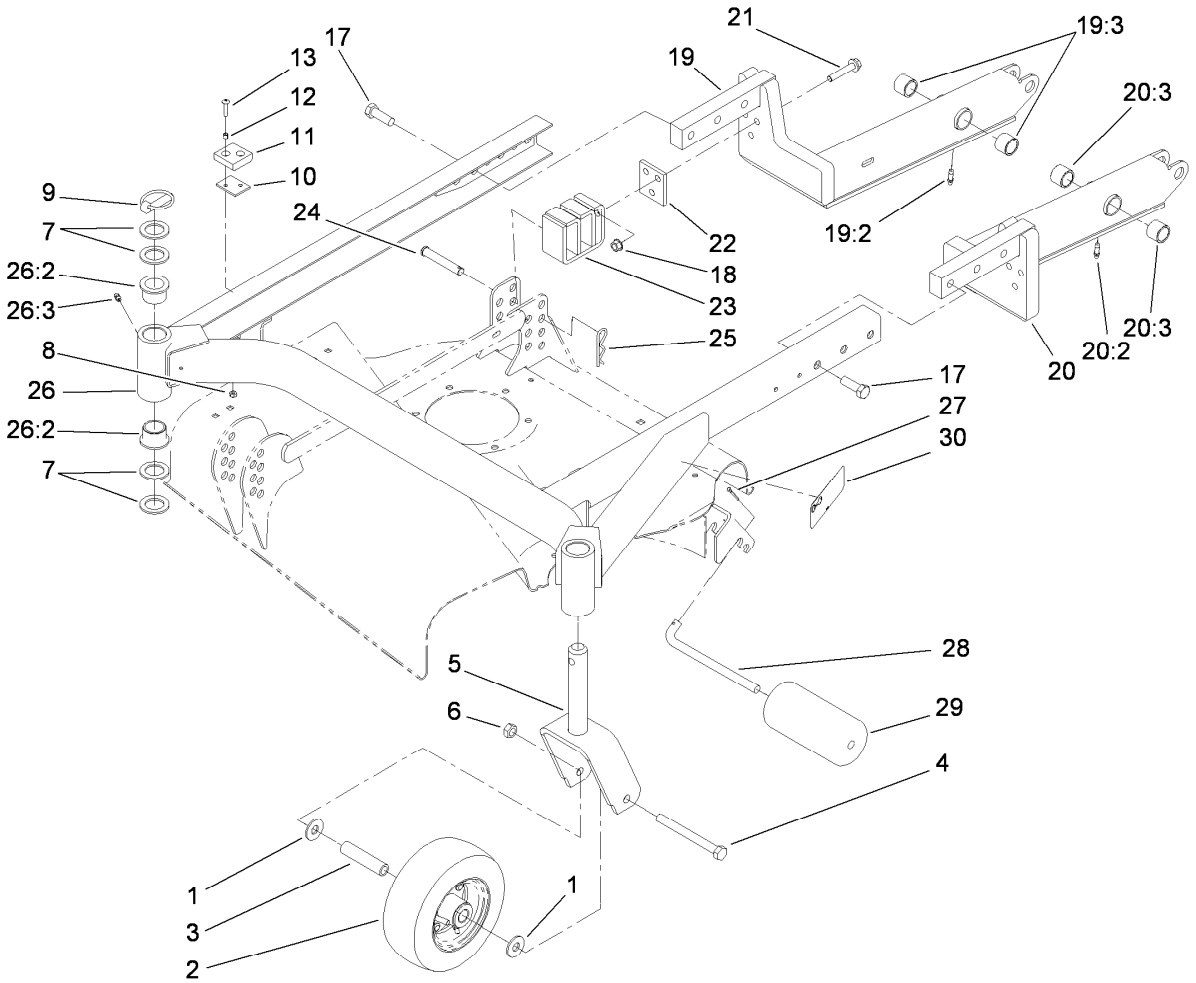

# Deck Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 119-4761 | 1 | Deck ASM |
| 1:2 | 93-7818 | 1 | Decal-Torque, Blade Bolt |
| 1:3 | 100-6578 | 1 | Decal-Danger |
| 1:4 | 107-2916 | 1 | Decal-Warning |
| 1:5 | 107-2908 | 2 | Decal-Danger, Combination |
| 1:6 | 51-3960 | 1 | Decal |
| 1:7 | 105-9551 | 1 | Decal-Warning |
| 1:8 | 106-6753 | 1 | Decal-Danger, Ce |
| 1:9 | 99-5171 | 1 | Decal - Belt Routing |
| 3 | 93-6697 | 1 | Decal-Lube |




# Cover and Gearbox Assembly

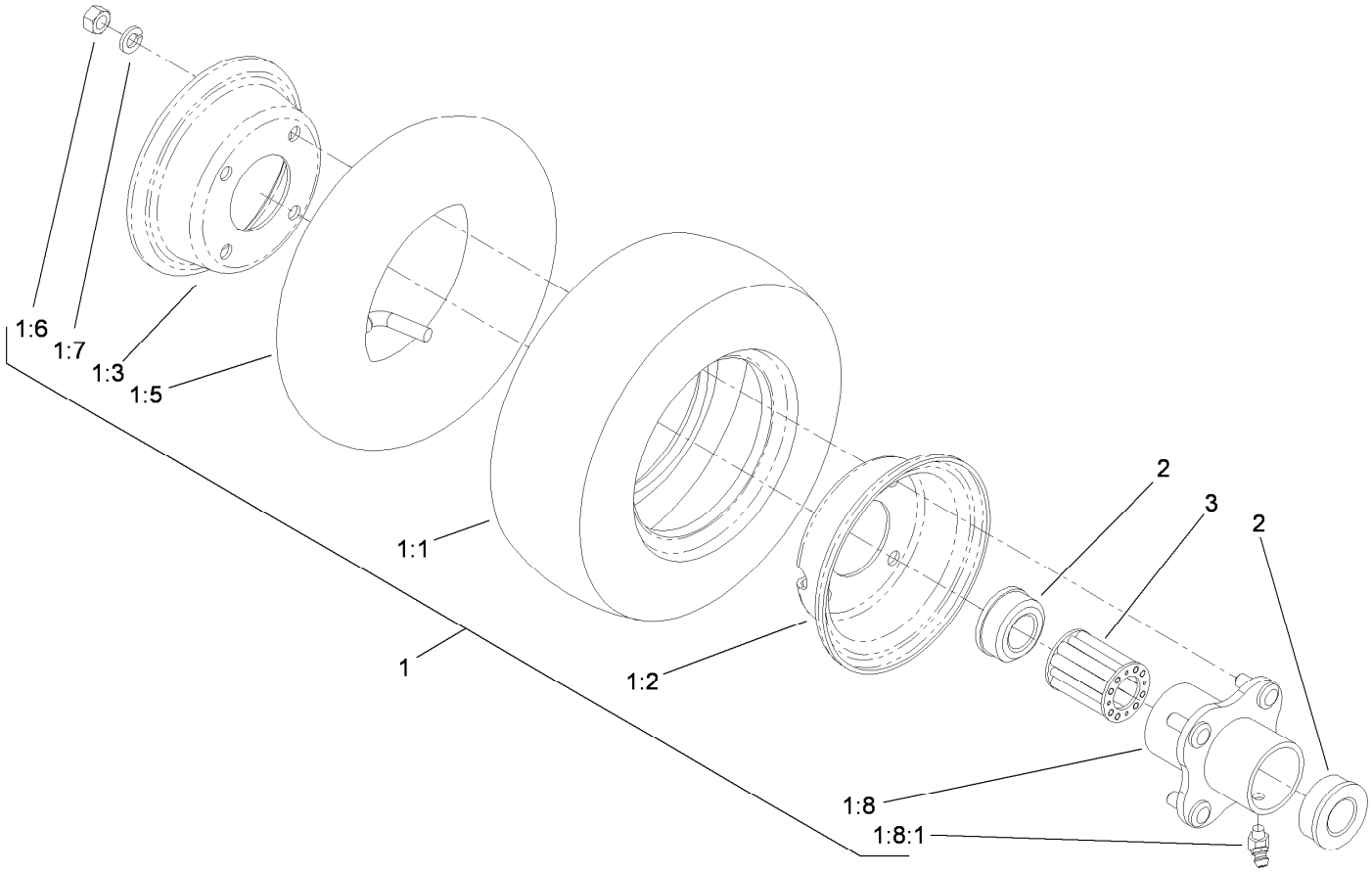
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 119-4763-01 | 1 | Cover-Belt, RH |
| 2 | 72-9230-01 | 1 | Base-Case, Gear |
| 3 | 3290-357 | 4 | Nut-HHF, Whiz |
| 4 | 27-6140 | 1 | Bushing-Lock, Taper |
| 4:1 | 3245-9 | 2 | Screw-Set |
| 5 | 63-9900-03 | 1 | Gearbox Pulley ASM |
| 6 | 3257-5 | 1 | Key-Woodruff |
| 7 | 68-8560-03 | 2 | Bracket-Gearbox |
| 8 | 3253-21 | 6 | Washer-Lock |
| 9 | 323-4 | 4 | Screw-HH |
| 10 | 108-1370 | 1 | Gearbox Replacement Kit |
| 11 | 107-2904 | 1 | PTO Guard ASM |
| 11:2 | 107-2915 | 1 | Decal-Danger |
| 12 | 323-2 | 2 | Screw-HH |
| 13 | 32153-2 | 4 | Nut-Lock, Side |
| 14 | 63-8410 | 4 | Washer |
| 15 | 63-9750 | 4 | Mount |
| 16 | 68-9890-01 | 1 | Cover-Gearbox, Front |
| 17 | 322-4 | 2 | Screw-HH |
| 18 | 72-9240-01 | 1 | Bracket-Extension |
| 19 | 3231-26 | 4 | Screw-CARR |
| 20 | 32128-20 | 2 | Nut-HF |
| 21 | 3290-321 | 6 | Screw-HWH |
| 22 | 249-21 | 3 | Clamp-Slotted |
| 23 | 117-6989 | 2 | Fractional Turn Oval Head Stud ASM |
| 26 | 119-4762-01 | 1 | Cover-Belt, LH |
| 27 | 32128-17 | 6 | Nut-Lock, Flange |
| 28 | 3231-27 | 4 | Screw-CARR |




# Carrier Frame Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 3256-6 | 4 | Washer-Flat |
| 2 | 68-8970 | 2 | Tire And Bearing ASM |
| 3 | 68-8980 | 2 | Spanner-Tire |
| 4 | 325-19 | 2 | Screw-HH |
| 5 | 68-8900-01 | 2 | Front Castor Fork ASM |
| 6 | 32153-5 | 2 | Nut-Hex |
| 7 | 3-6781 | 8 | Washer-Thrust |
| 8 | 3296-2 | 4 | Nut-Lock, NI |
| 9 | 283-71 | 2 | Pin-Lynch |
| 10 | 42-6200 | 3 | Shim-Cushion |
| 11 | 40-0330 | 2 | Cushion-Rubber |
| 12 | 40-9520 | 4 | Spacer |
| 13 | 32122-28 | 4 | Screw |
| 17 | 325-32 | 6 | Screw-HH |
| 18 | 32128-40 | 6 | Nut-Flange |
| 19 | 76-3080 | 1 | RH Lift Arm ASM |
| 19:2 | 302-62 | 1 | Fitting-Grease |

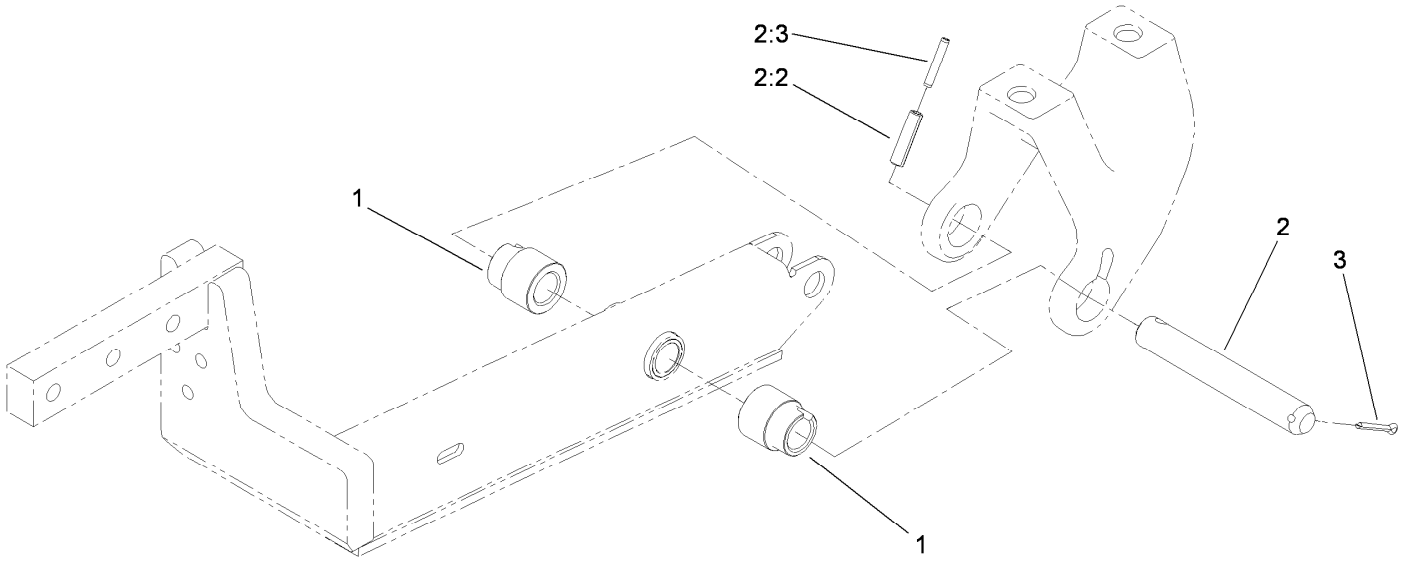
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 19:3 | 92-5648 | 2 | Bushing |
| 20 | 76-3090 | 1 | LH Lift Arm ASM |
| 20:2 | 302-62 | 1 | Fitting-Grease |
| 20:3 | 92-5648 | 2 | Bushing |
| 21 | 66-9302 | 6 | Screw-HHF, Whiz |
| 22 | 83-4580-01 | 2 | Spacer-Cradle |
| 23 | 83-4520-01 | 2 | Rear Cradle ASM |
| 24 | 283-55 | 4 | Pin-Clevis |
| 25 | 3290-355 | 4 | Pin-Hair |
| 26 | 83-4550 | 1 | 52-Inch Carrier Frame ASM |
| 26:2 | 94-1291 | 4 | Bushing |
| 26:3 | 302-5 | 2 | Fitting-Grease |
| 27 | 3272-11 | 2 | Pin-Cotter |
| 28 | 40-0340 | 2 | Shaft-Roller, Rear |
| 29 | 36-1740 | 2 | Roller-Deck |
| 30 | 93-7819 | 1 | Decal-HOC |




# Tire and Bearing Assembly No. 68-8970

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | | 1 | Pneumatic Wheel ASM ● |
| 1:1 | 68-8960 | 1 | Tire |
| 1:2 | 68-8920 | 1 | Female Wheel Half |
| 1:3 | 68-8930 | 1 | Male Wheel Half |
| 1:5 | 68-8950 | 1 | Tube-Inner (W/Valve) |
| 1:6 | 3219-2 | 4 | Nut-Hex |
| 1:7 | 3253-4 | 4 | Washer-Lock |
| 1:8 | 68-8940 | 1 | Hub-Center |
| 1:8:1 | 302-11 | 1 | Fitting-Lube, 45 DEG |
| 2 | 62-5580 | 2 | Bearing-Outside |
| 3 | 62-5570 | 1 | Bearing-Roller |

● Not serviced separately




# Pivot Pin and Spacer Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 98-7926 | 4 | Spacer-Lift Arm |
| 2 | 98-2348 | 2 | Pivot Pin ASM |
| 2:2 | 32121-49 | 1 | Pin-Roll |
| 2:3 | 32121-71 | 1 | Pin-Spring |
| 3 | 3272-17 | 2 | Pin-Cotter |

# Attachments and Accessories

## For 30555 52in Side Discharge Mower, Groundsmaster 200, 3320 and 3280-D Series Traction Unit

| Product Name | Model/Part |
|---|---|
| Blade-Atomic | 104-1301 |
| 18in Blade Service Pack | 108-1477 |
| Castor Wheel | 27-1050 |
| 52in Blower Kit | 30502 |
| Blade-High Sail | 44-5480-03 |
| Blade-18in | 56-2390-03 |
| Recycler Kit | 59225 |
| Tire and Bearing Asm | 68-8970 |
| Blade and Belt Kit | 95-3070 |
| Caster Wheel Kit | 95-3077 |
| Spindle Kit | 95-3078 |




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