Form No. 3384-747 Rev A

TORO®

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Parts Catalog

# Front Replacement Mower

## 2011 and After Groundsmaster® 4000-D Traction Unit

**Model No. 30478—Serial No. 314000001 and Up**

Register at www.Toro.com.
Original Instructions (EN)

*3384-747* A

# 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

**LP:** Liquefied Petroleum Gas

**LPG:** Liquefied Petroleum 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

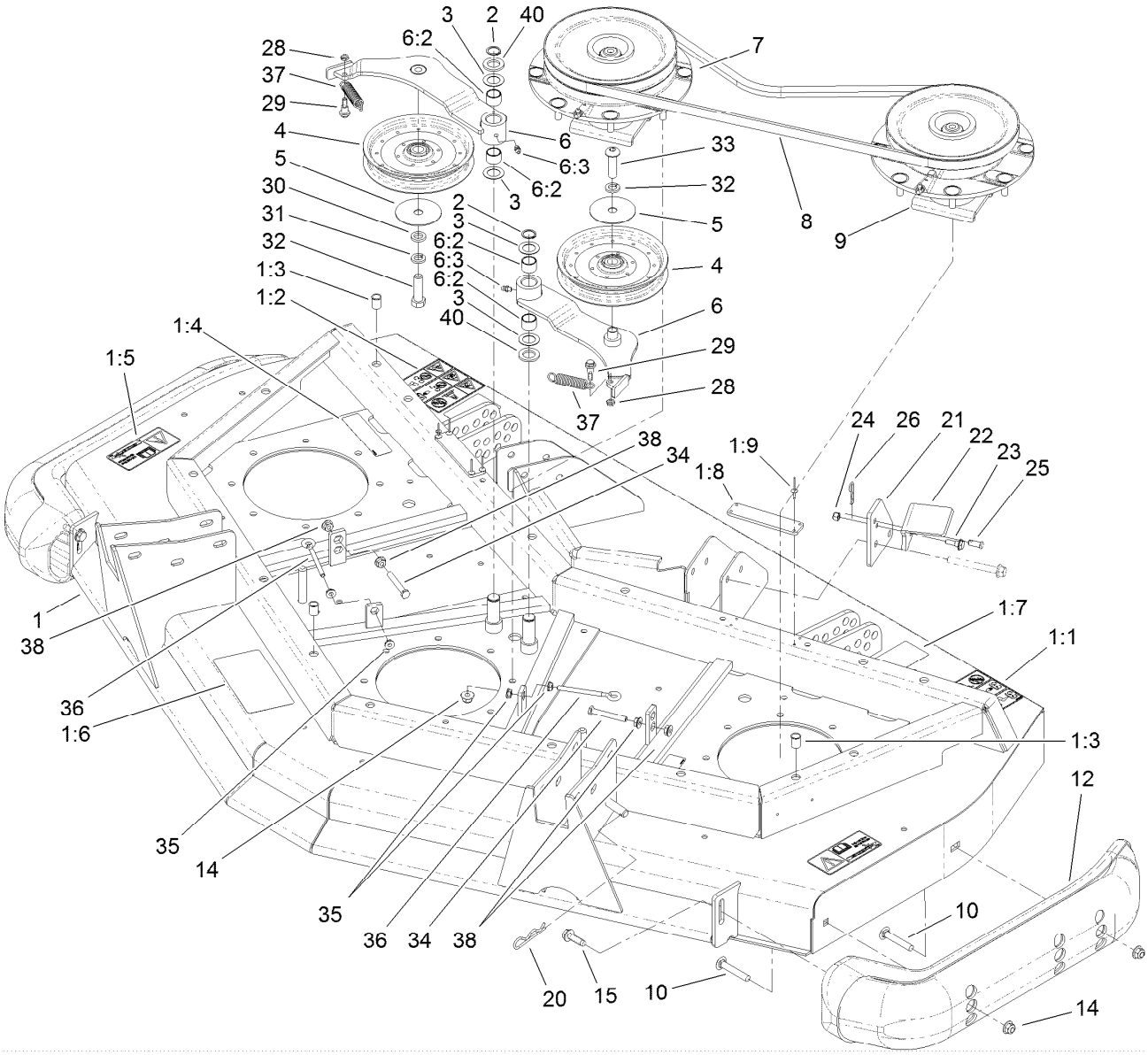
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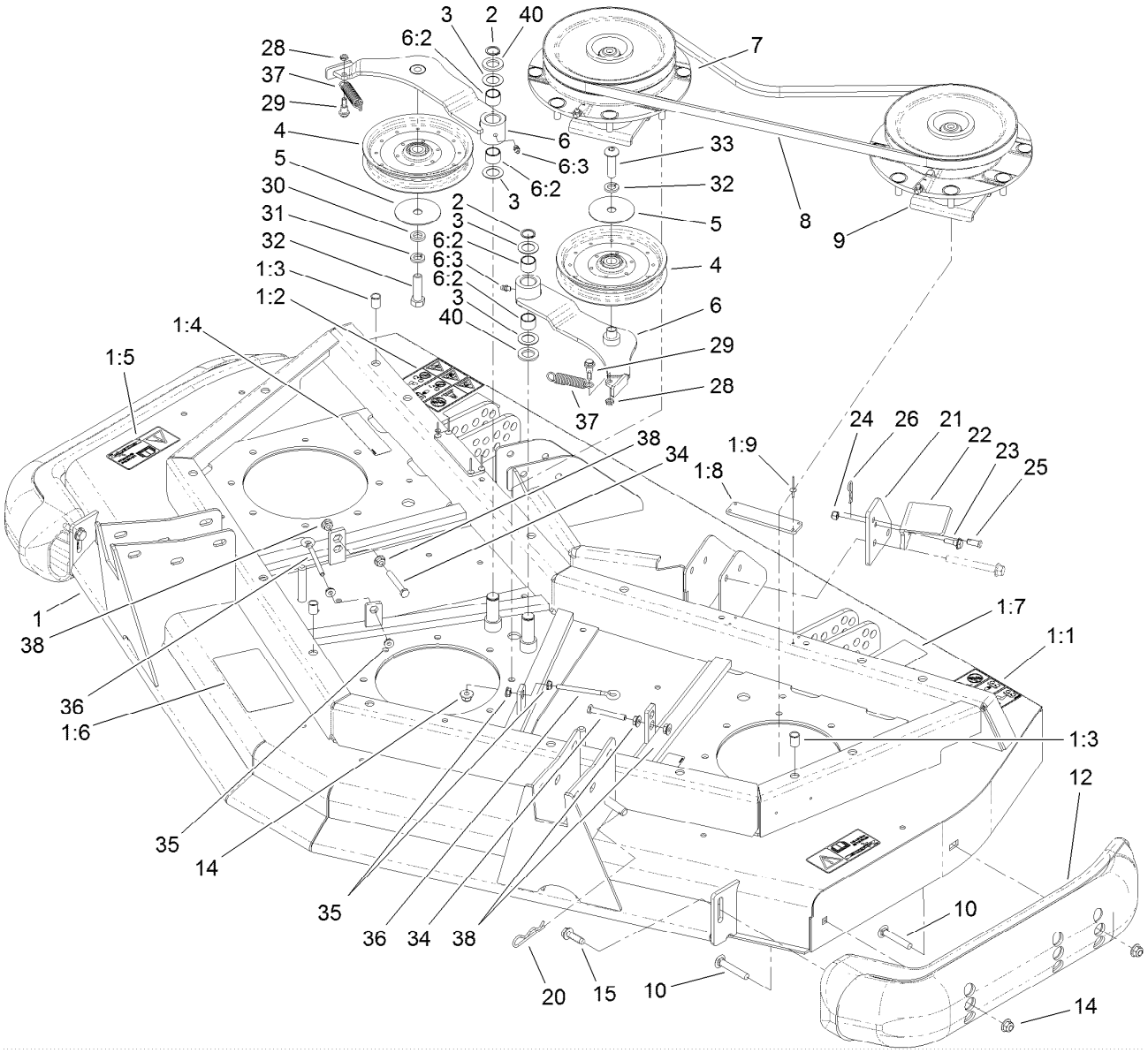
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# Front Deck, Idler and Skid Assembly

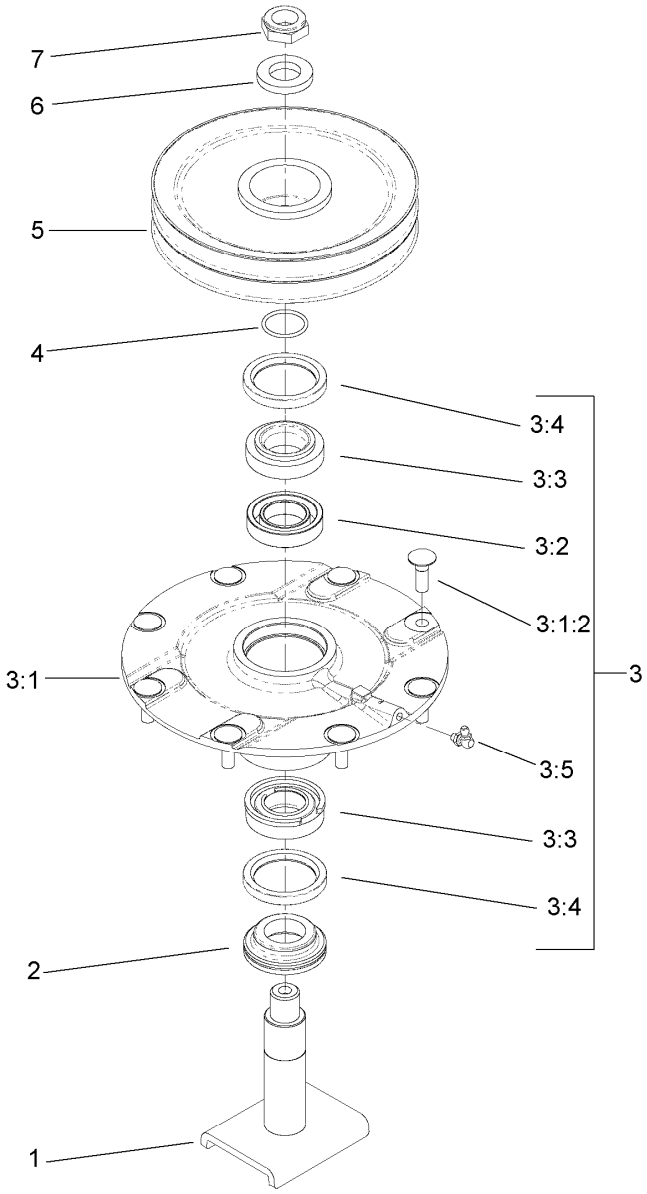
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 120-4052 | 1 | Front Deck ASM |
| 1:1 | 120-6604 | 2 | Decal-Danger |
| 1:2 | 100-5624 | 1 | Decal-HOC, RH |
| 1:3 | 32148-9 | 3 | Insert-Nut |
| 1:4 | 100-6578 | 4 | Decal-Danger |
| 1:5 | 93-7818 | 2 | Decal-Torque, Blade Bolt |
| 1:6 | 100-5622 | 1 | Decal-HOC |
| 1:7 | 104-3578 | 1 | Decal-HOC, LH |
| 1:8 | 105-0786 | 2 | Pad-Plastic |
| 1:9 | 3269-8 | 8 | Rivet-Blind |
| 2 | 32120-72 | 2 | Ring-Snap |
| 3 | 3-6498 | 4 | Washer-Thrust |
| 4 | 110-9596 | 2 | Pulley-Idler |
| 5 | 100-3102 | 2 | Washer-Flat |
| 6 | 110-6128 | 2 | Idler Arm ASM |
| 6:2 | 256-76 | 2 | Bushing |
| 6:3 | 302-5 | 1 | Fitting-Grease |
| 7 | 119-4548 | 1 | Double Driven Spindle ASM |
| 8 | 108-8076 | 2 | V-Belt, Deck |
| 9 | 119-4549 | 1 | High-Driven Spindle ASM |
| 10 | 3231-33 | 4 | Screw-CARR |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 12 | 112-1479 | 2 | Skid-Bumper, Deck |
| 14 | 104-8301 | 24 | Nut-Flange, NI |
| 15 | 9136144 | 2 | Screw-HWHTF |
| 20 | 3290-355 | 1 | Pin-Hair |
| 21 | 106-2033-01 | 1 | Plate-Latch |
| 22 | 106-2032-01 | 1 | Latch-Deck |
| 23 | 11-9030 | 1 | Screw-Shoulder |
| 24 | 3296-42 | 1 | Nut-Lock, NI |
| 25 | 283-62 | 1 | Pin-Clevis |
| 26 | 3290-467 | 1 | Pin-Hair |
| 28 | 3296-56 | 2 | Nut-Lock, NI |
| 29 | 104-0858 | 2 | Bolt-Shoulder |
| 30 | 9202424 | 1 | Spacer |
| 31 | 3253-7 | 2 | Washer-Lock |
| 32 | 325-7 | 1 | Screw-HH |
| 33 | 108-1993 | 1 | Screw-HSBH |
| 34 | 9114524 | 2 | Bolt-TAP, HH |
| 35 | 32128-14 | 4 | Nut-HF |
| 36 | 68-0090 | 2 | Screw-Adjusting |
| 37 | 107938 | 2 | Spring-Extension |




# Front Deck, Idler and Skid Assembly (continued)

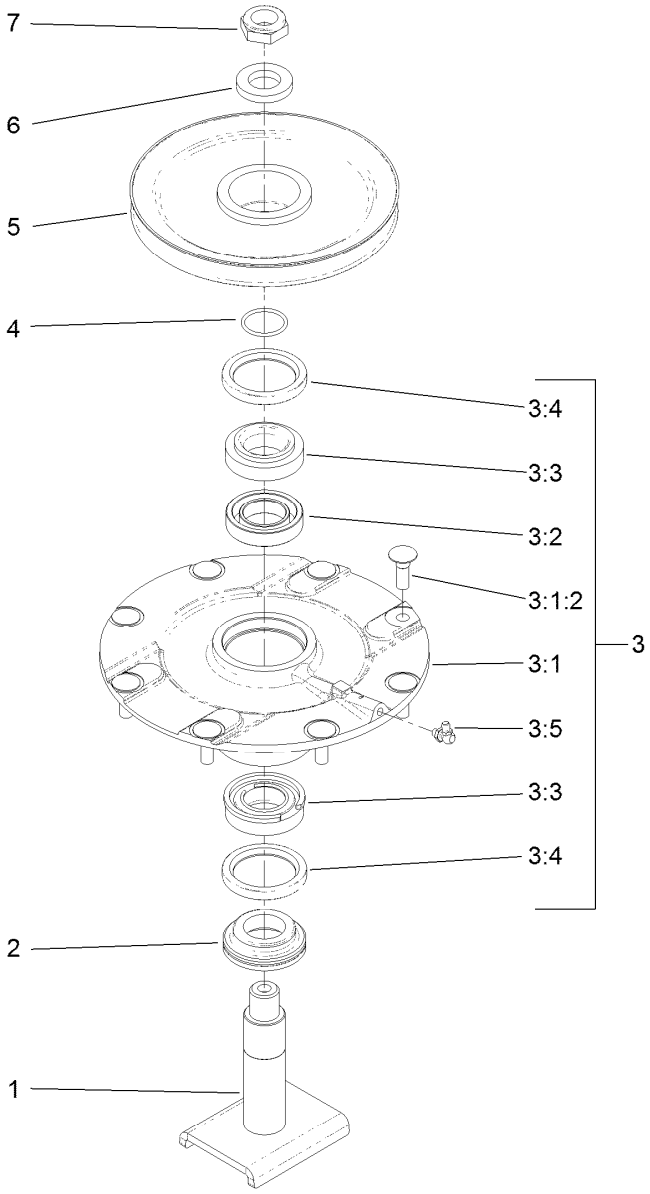
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 38 | 32128-26 | 4 | Nut-Flange |
| 40 | 70-1160 | 2 | Washer |




# Double Driven Spindle Assembly No. 119-4548

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 104-3554 | 1 | Shaft-Spindle |
| 2 | 69-6950 | 1 | Spacer-Shaft, Spindle |
| 3 | 119-4775 | 1 | Spindle Housing ASM |
| 3:1 | | 1 | Spindle ASM ● |
| 3:1:2 | 114-8195 | 8 | Bolt-Ribbed Neck |
| 3:2 | 120-5577 | 1 | Bearing Spacer Set |
| 3:3 | 110-8297 | 1 | Bearing ASM |
| 3:4 | 253-154 | 2 | Seal-Oil |
| 3:5 | 302-60 | 1 | Fitting-Grease |
| 4 | 106-7159 | 1 | O-Ring |
| 5 | 104-3547 | 1 | Pulley-Driven, Double |
| 6 | 120-5576 | 1 | Washer-Hardened |
| 7 | 3296-60 | 1 | Nut-Lock, NI |

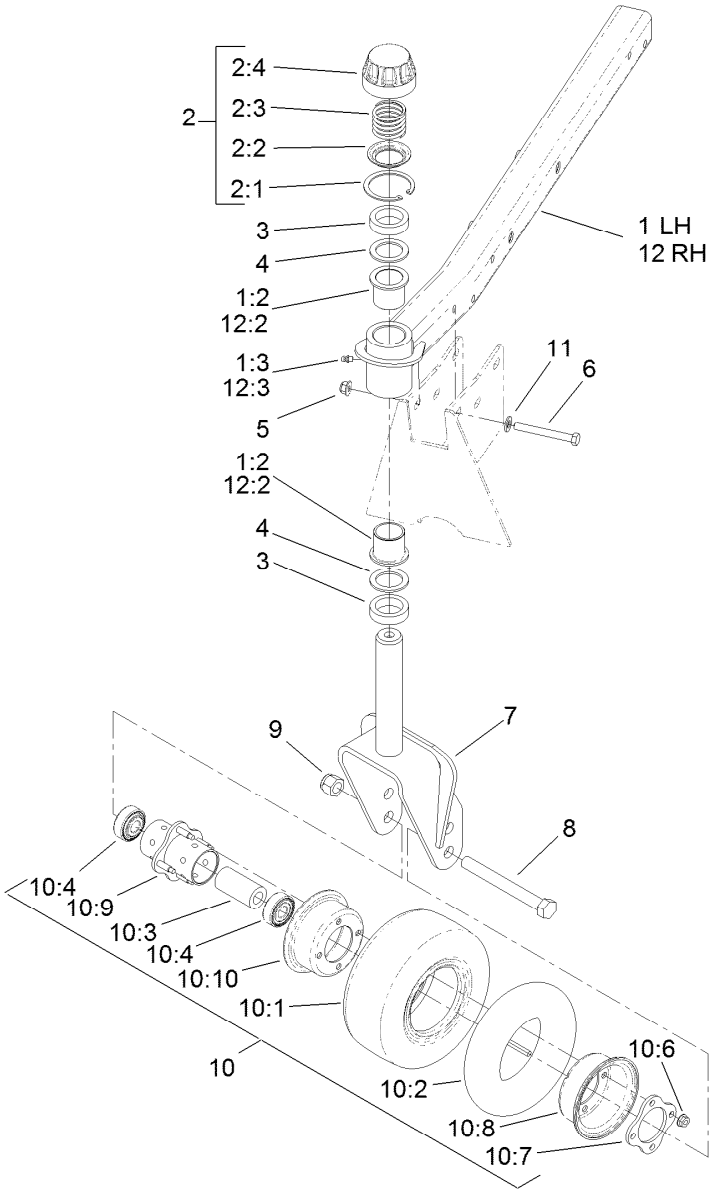
● Not serviced separately




# High Driven Spindle Assembly No. 119-4549

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 104-3554 | 1 | Shaft-Spindle |
| 2 | 69-6950 | 1 | Spacer-Shaft, Spindle |
| 3 | 119-4775 | 1 | Spindle Housing ASM |
| 3:1 | | 1 | Spindle ASM ● |
| 3:1:2 | 114-8195 | 8 | Bolt-Ribbed Neck |
| 3:2 | 120-5577 | 1 | Bearing Spacer Set |
| 3:3 | 110-8297 | 1 | Bearing ASM |
| 3:4 | 253-154 | 2 | Seal-Oil |
| 3:5 | 302-60 | 1 | Fitting-Grease |
| 4 | 106-7159 | 1 | O-Ring |
| 5 | 104-3548 | 1 | Pulley-Driven, High |
| 6 | 120-5576 | 1 | Washer-Hardened |
| 7 | 3296-60 | 1 | Nut-Lock, NI |

● Not serviced separately

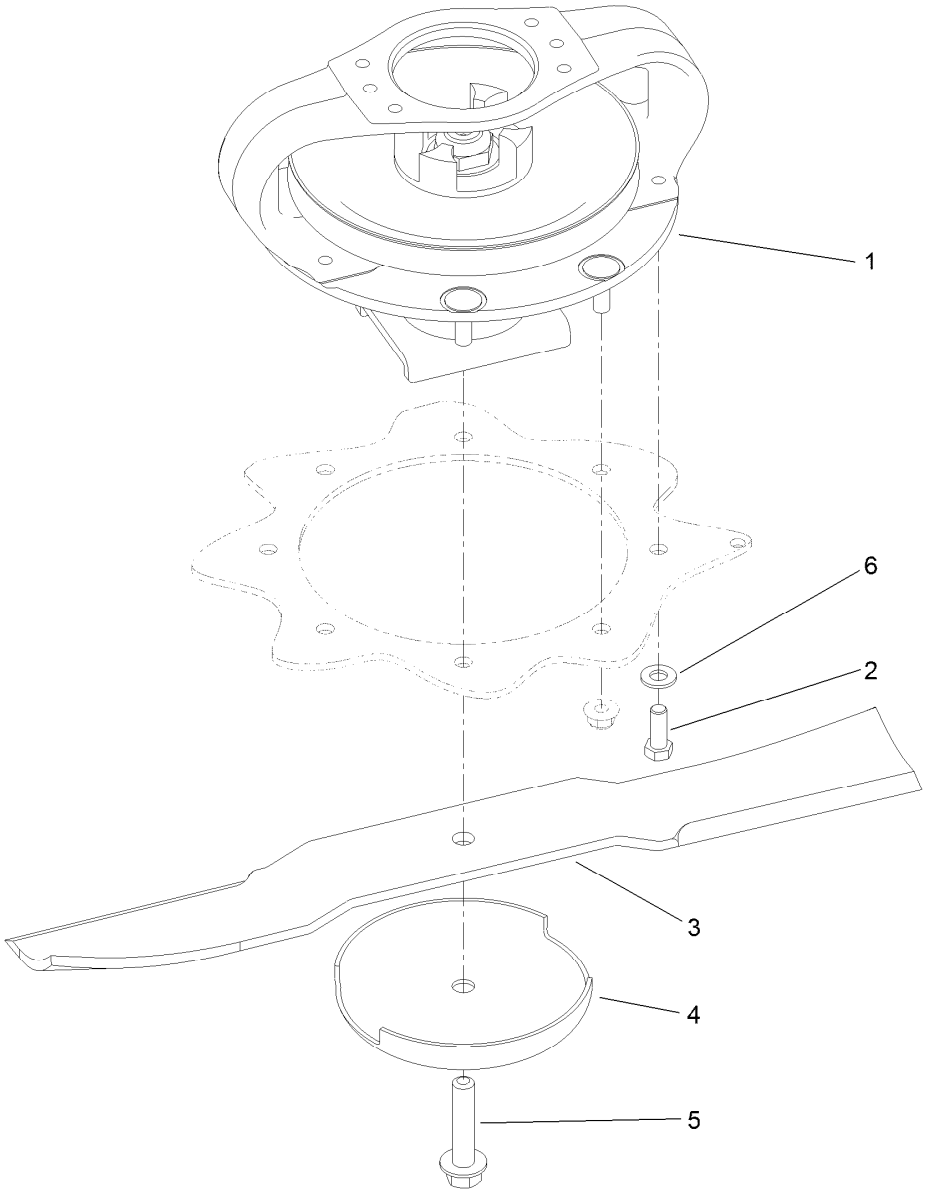



# Front Deck Caster Arm and Wheel Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 127-3730 | 1 | LH Castor Arm ASM |
| 1:2 | 69-6470 | 2 | Bushing-Castor |
| 1:3 | 302-5 | 1 | Fitting-Grease |
| 2 | 92-9727 | 2 | HOC Cap ASM |
| 2:1 | 92-5581 | 1 | Ring-Retaining |
| 2:2 | 92-5583 | 1 | Washer-Cap |
| 2:3 | 92-9726 | 1 | Spring-Compression |
| 2:4 | 92-8861 | 1 | Cap-HOC |
| 3 | 69-1510 | 10 | Spacer |
| 4 | 69-6860 | 6 | Washer-Thrust |
| 5 | 104-8301 | 10 | Nut-Flange, NI |
| 6 | 323-20 | 10 | Screw-HH |
| 7 | 104-0762-01 | 2 | Fork-Castor |
| 8 | 327-24 | 2 | Screw-HH |
| 9 | 3296-53 | 2 | Nut-Lock, NI |
| 10 | 93-5974 | 2 | 8 Inch Foam Filled Wheel ASM ● |

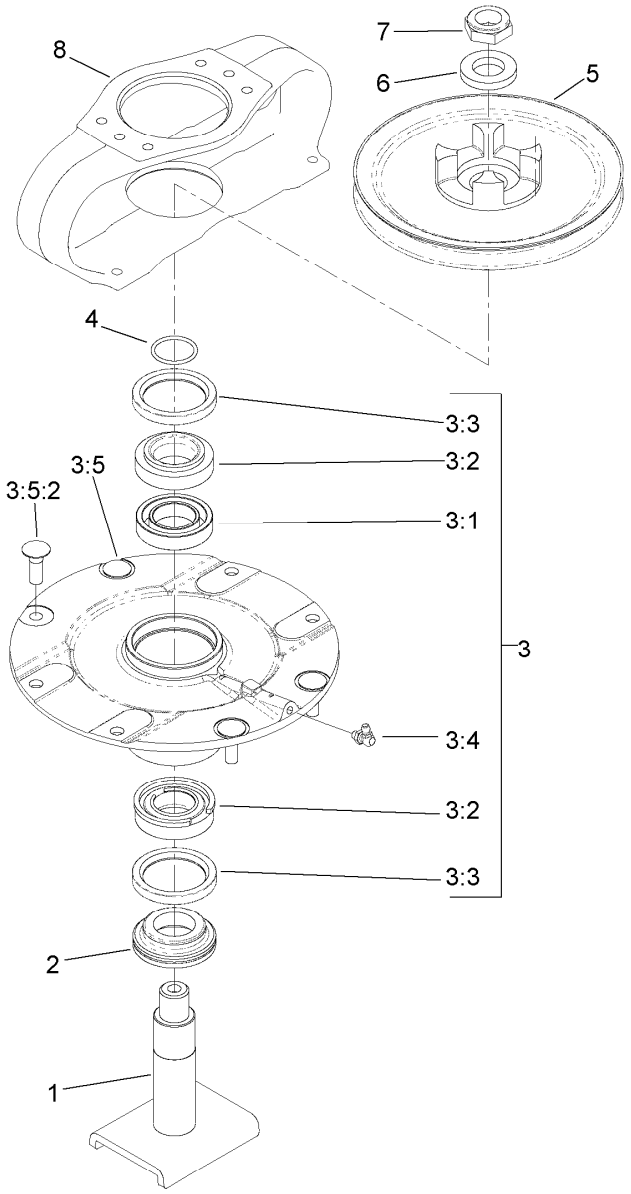
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 93-9938 | 2 | Wheel ASM |
| 10:1 | 93-9939 | 1 | Tire |
| 10:2 | 68-8950 | 1 | Tube-Inner (W/Valve) |
| 10:3 | 93-4241 | 1 | Spacer-Bearing, Inner |
| 10:4 | 120-3366 | 2 | Bearing |
| 10:6 | 32128-16 | 4 | Nut-HHF |
| 10:7 | 93-4242 | 1 | Plate |
| 10:8 | 93-4239 | 1 | Rim-Wheel, Half |
| 10:9 | 93-5980 | 1 | Hub |
| 10:10 | 95-2741 | 1 | Rim-Wheel, Half |
| 11 | 3256-24 | 10 | Washer-Flat |
| 12 | 127-3720 | 1 | RH Castor Arm ASM |
| 12:2 | 69-6470 | 2 | Bushing-Castor |
| 12:3 | 302-5 | 1 | Fitting-Grease |

● Optional Equipment




# Driving Spindle Assembly

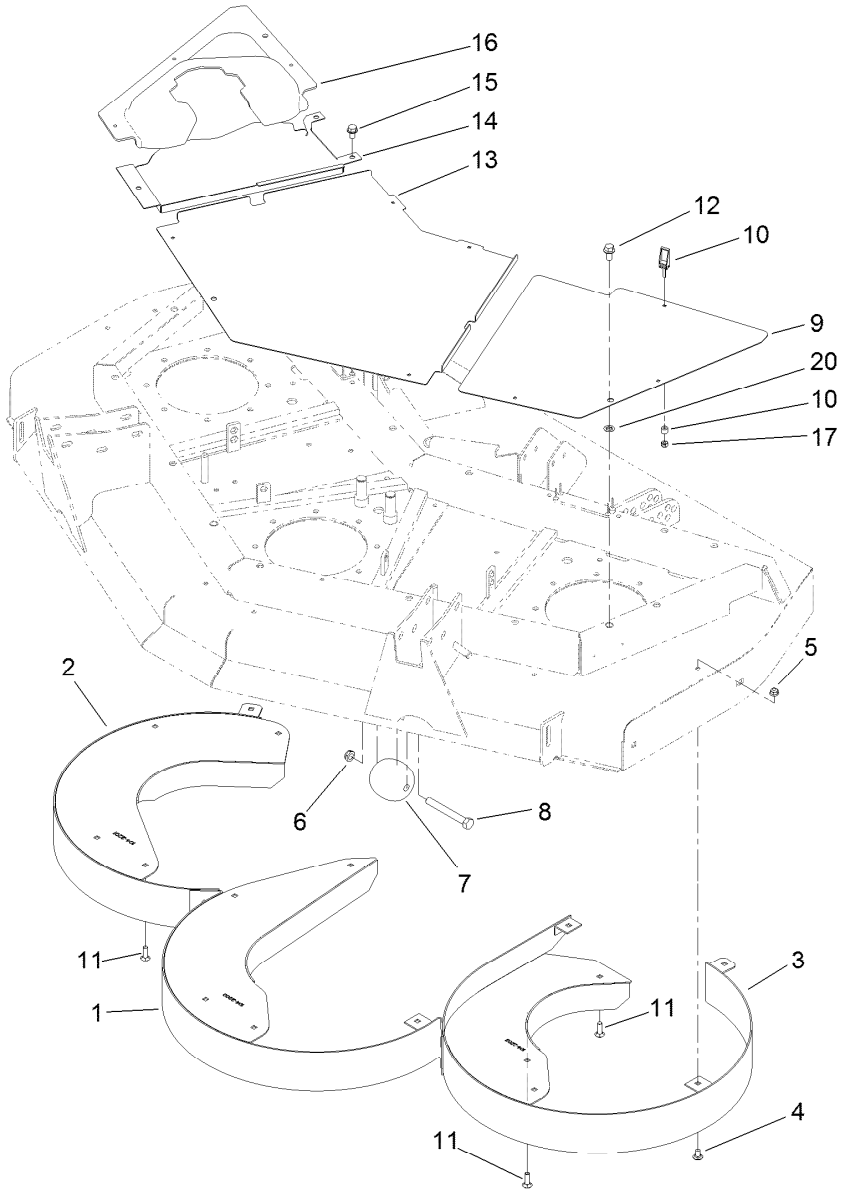
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 119-4547 | 1 | Driving Spindle ASM |
| 2 | 323-6 | 4 | Screw-HH |
| 3 | 92-5608-03 | 3 | Blade |
| 4 | 72-9361 | 3 | Cup-Scalp, Anti |
| 5 | 92-5816 | 3 | Bolt-Blade |
| 6 | 3256-24 | 4 | Washer-Flat |




# Driving Spindle Assembly No. 119-4547

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 104-3554 | 1 | Shaft-Spindle |
| 2 | 69-6950 | 1 | Spacer-Shaft, Spindle |
| 3 | 119-4546 | 1 | Spindle Housing ASM |
| 3:1 | 120-5577 | 1 | Bearing Spacer Set |
| 3:2 | 110-8297 | 1 | Bearing ASM |
| 3:3 | 253-154 | 2 | Seal-Oil |
| 3:4 | 302-60 | 1 | Fitting-Grease |
| 3:5 | | 1 | Spindle Assembly ● |
| 3:5:2 | 114-8195 | 4 | Bolt-Ribbed Neck |
| 4 | 106-7159 | 1 | O-Ring |
| 5 | 104-3545 | 1 | Pulley-Driving |
| 6 | 120-5576 | 1 | Washer-Hardened |
| 7 | 3296-60 | 1 | Nut-Lock, NI |
| 8 | 104-3544 | 1 | Mount-Motor, Drive |

● Not serviced separately




# Front Deck Chamber and Cover Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 104-2200-01 | 1 | Chamber-Center |
| 2 | 104-2201-01 | 1 | Chamber-RH |
| 3 | 104-2202-01 | 1 | Chamber-LH |
| 4 | 3230-18 | 15 | Screw-CARR |
| 5 | 104-8300 | 18 | Nut-Flange, NI |
| 6 | 3296-45 | 2 | Nut-Lock, NI |
| 7 | 29-4820 | 2 | Roller |
| 8 | 325-17 | 2 | Screw-HH |
| 9 | 100-5663-03 | 1 | Cover-Front, LH |
| 10 | 74-5950 | 10 | Latch-Swell |
| 11 | 3230-22 | 3 | Screw-CARR |
| 12 | 3234-1 | 3 | Screw-HHF |
| 13 | 100-5660-03 | 1 | Cover-Front, Center |
| 14 | 100-5662-03 | 1 | Cover-Front, RH |
| 15 | 32144-69 | 3 | Screw-HWHTF |
| 16 | 100-5661 | 1 | Cover-Front, Center |
| 17 | 1-804254 | 10 | Nut-Lock, HH |
| 20 | 107-3154 | 3 | Nut-Push |




**Count on it.**