Form No. 3384-537 Rev A

TORO®

Count on it.

Parts Catalog

# Service Cutting Unit

## Groundsmaster® 4100-D Models 30447 and 30449

**Model No. 30451—Serial No. 314000001 and Up**

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

CE

*3384-537* 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

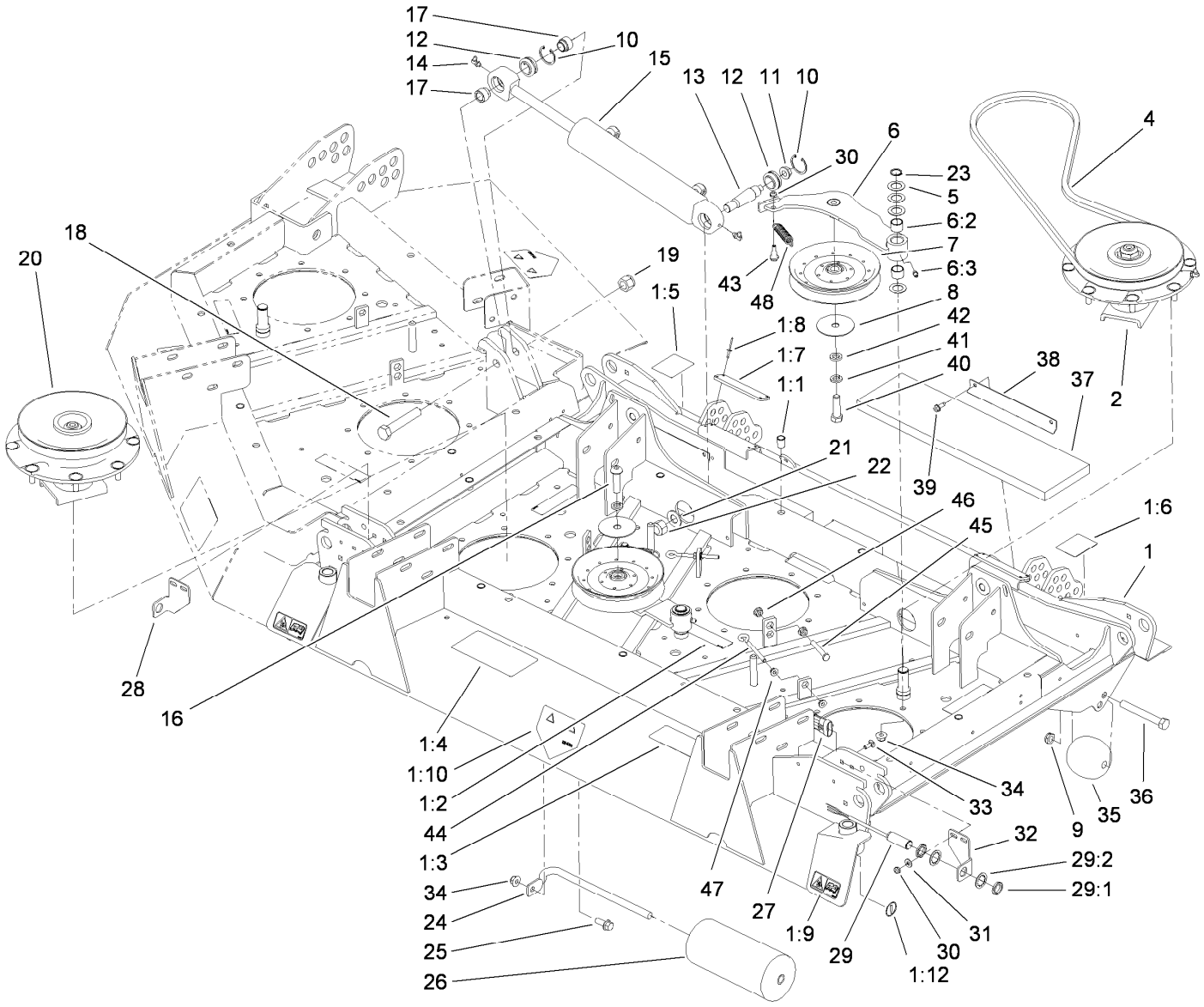
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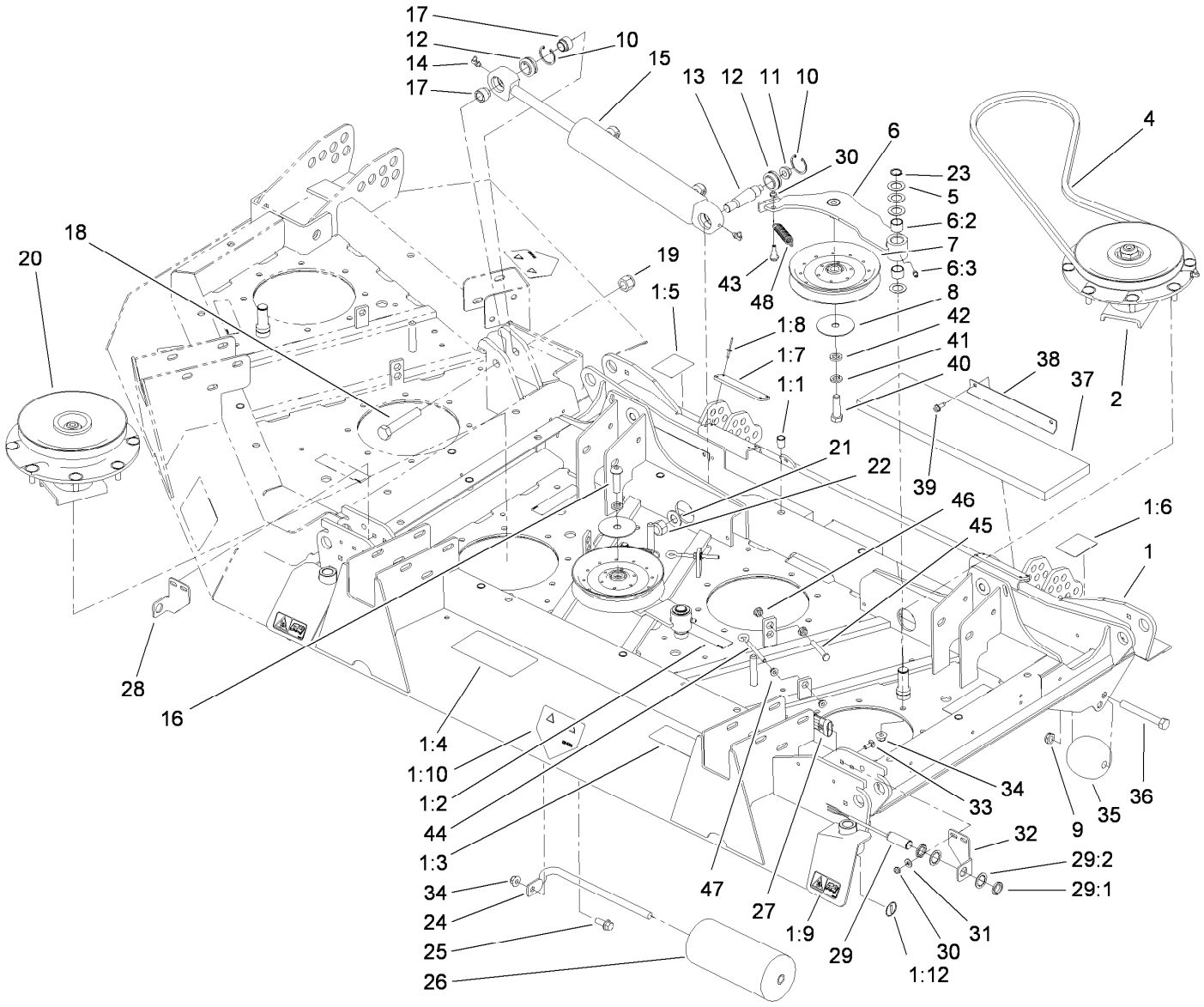
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# Center Deck Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 110-3297 | 1 | Center Deck ASM |
| 1:1 | 32148-9 | 9 | Insert-Nut |
| 1:2 | 100-6578 | 3 | Decal-Danger |
| 1:3 | 93-7818 | 1 | Decal-Torque, Blade Bolt |
| 1:4 | 100-5622 | 1 | Decal-HOC |
| 1:5 | 106-4250 | 1 | Decal-HOC, RH |
| 1:6 | 106-4251 | 1 | Decal-HOC, LH |
| 1:7 | 105-0786 | 2 | Pad-Plastic |
| 1:8 | 3269-8 | 8 | Rivet-Blind |
| 1:9 | 93-6674 | 2 | Decal-Warning |
| 1:10 | 120-6604 | 1 | Decal-Danger |
| 1:12 | 58-6520 | 2 | Decal-Grease |
| 2 | 119-4776 | 3 | Low-Driven Spindle ASM |
| 4 | 108-8077 | 4 | V-Belt, Deck |
| 5 | 3-6498 | 16 | Washer-Thrust |
| 6 | 110-6128 | 4 | Idler Arm ASM |
| 6:2 | 256-76 | 2 | Bushing |
| 6:3 | 302-5 | 1 | Fitting-Grease |
| 7 | 110-9596 | 4 | Pulley-Idler |
| 8 | 100-3102 | 4 | Washer-Flat |
| 9 | 3296-45 | 2 | Nut-Lock, NI |

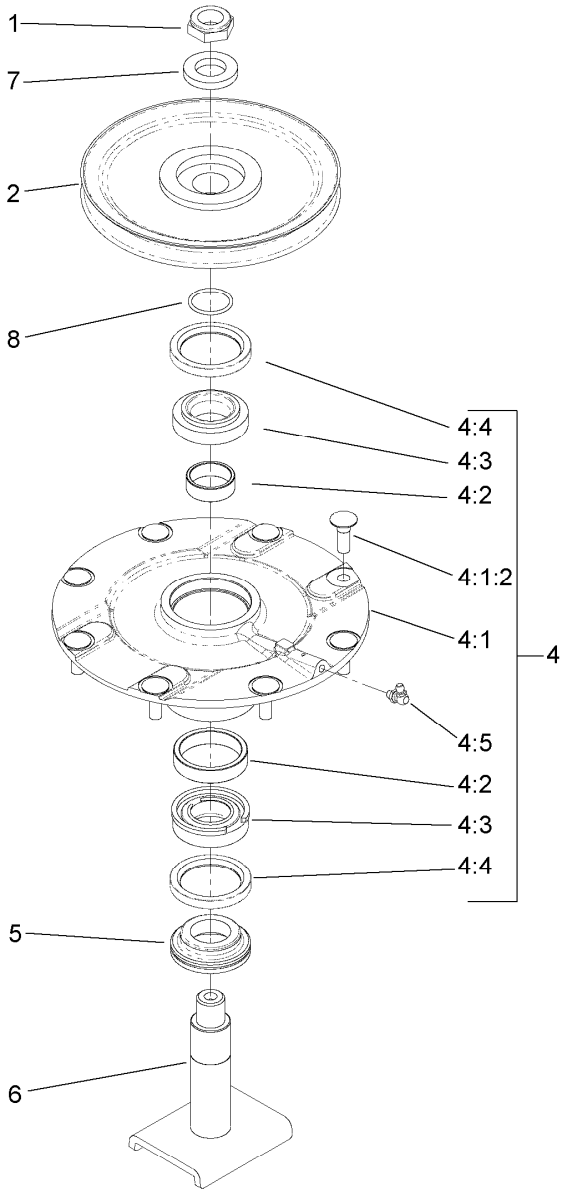
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 32151-34 | 4 | Ring-Retaining |
| 11 | 32128-42 | 2 | Nut-HF |
| 12 | 105-7441 | 4 | Bearing-Spherical |
| 13 | 105-7468 | 2 | Stud-Tapered |
| 14 | 302-60 | 4 | Fitting-Grease |
| 15 | 107-0190 | 2 | HYD Cylinder ASM |
| 16 | 108-1993 | 1 | Screw-HSBH |
| 17 | 105-7443 | 4 | Spacer-Pilot |
| 18 | 327-14 | 2 | Screw-HH |
| 19 | 3296-53 | 2 | Nut-Lock, NI |
| 20 | 119-4549 | 1 | High-Driven Spindle ASM |
| 21 | 3256-27 | 2 | Washer-Flat |
| 22 | 3296-41 | 2 | Nut-Lock NI |
| 23 | 32120-72 | 4 | Ring-Snap |
| 24 | 68-6840 | 1 | Shaft-Roller |
| 25 | 3234-11 | 1 | Screw-HHF |
| 26 | 68-6710 | 1 | Roller |
| 27 | 117-5717 | 1 | Harness-Wire, Deck |
| 28 | 119-0081 | 1 | Mount-Switch, RH |
| 29 | 115-5300 | 2 | Proximity Switch ASM |
| 29:1 | 117-3207 | 2 | Nut-Hex |




# Center Deck Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 29:2 | 117-3208 | 2 | Washer-Lock, Internal Tooth |
| 30 | 3296-56 | 8 | Nut-Lock, NI |
| 31 | 3256-22 | 4 | Washer-Flat |
| 32 | 119-0080 | 1 | Mount-Switch, LH |
| 33 | 3229-1 | 4 | Bolt-CARR |
| 34 | 104-8301 | 45 | Nut-Flange, NI |
| 35 | 29-4820 | 2 | Roller |
| 36 | 325-17 | 2 | Screw-HH |
| 37 | 106-7179 | 2 | Pad-Foam |
| 38 | 106-7227 | 4 | Support-Pad |

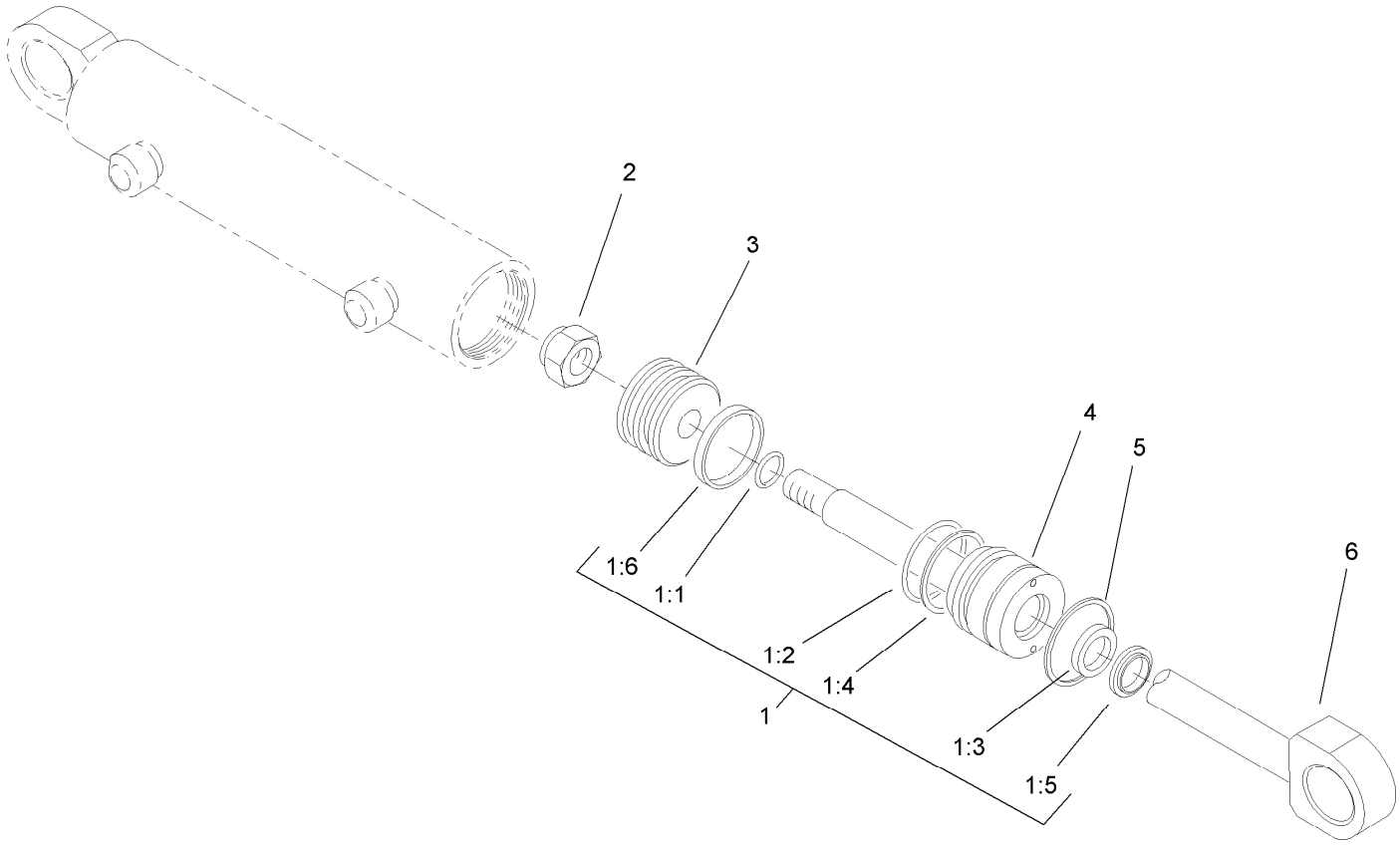
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 39 | 32104-95 | 8 | Screw-HWH |
| 40 | 325-7 | 3 | Screw-HH |
| 41 | 3253-7 | 4 | Washer-Lock |
| 42 | 9202424 | 3 | Spacer |
| 43 | 104-0858 | 4 | Bolt-Shoulder |
| 44 | 68-0090 | 4 | Screw-Adjusting |
| 45 | 9114524 | 4 | Bolt-TAP, HH |
| 46 | 32128-26 | 8 | Nut-Flange |
| 47 | 32128-14 | 8 | Nut-HF |
| 48 | 107938 | 4 | Spring-Extension |




# Low Driven Spindle Assembly No. 119-4776

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 3296-60 | 1 | Nut-Lock, NI |
| 2 | 104-3546 | 1 | Pulley-Driven, Low |
| 4 | 119-4775 | 1 | Spindle Housing ASM |
| 4:1 | | 1 | Spindle ASM ● |
| 4:1:2 | 114-8195 | 8 | Bolt-Ribbed Neck |
| 4:2 | 120-5577 | 1 | Bearing Spacer Set |
| 4:3 | 110-8297 | 1 | Bearing ASM |
| 4:4 | 253-154 | 2 | Seal-Oil |
| 4:5 | 302-60 | 1 | Fitting-Grease |
| 5 | 69-6950 | 1 | Spacer-Shaft, Spindle |
| 6 | 104-3554 | 1 | Shaft-Spindle |
| 7 | 120-5576 | 1 | Washer-Hardened |
| 8 | 106-7159 | 1 | O-Ring |

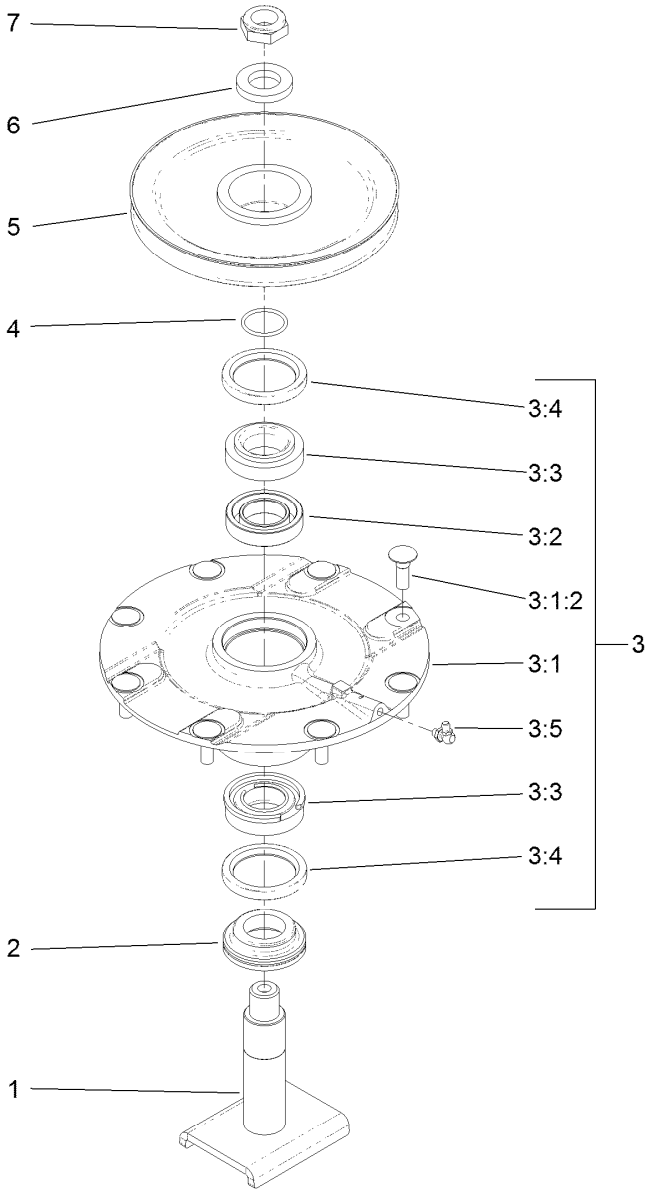
● Not serviced separately




# Wing Lift Cylinder Assembly No. 107-0190

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 107-0247 | 1 | Seal Kit |
| 1:1 | | 1 | O-Ring ● |
| 1:2 | | 1 | O-Ring ● |
| 1:3 | | 1 | Seal ● |
| 1:4 | | 1 | Back-Up ● |
| 1:5 | | 1 | Wiper ● |
| 1:6 | | 1 | Seal W/O-Ring ● |
| 2 | | 1 | Locknut ● |
| 3 | | 1 | Piston ● |
| 4 | | 1 | Head ● |
| 5 | | 1 | Ring-Retaining ● |
| 6 | | 1 | Rod ASM ● |

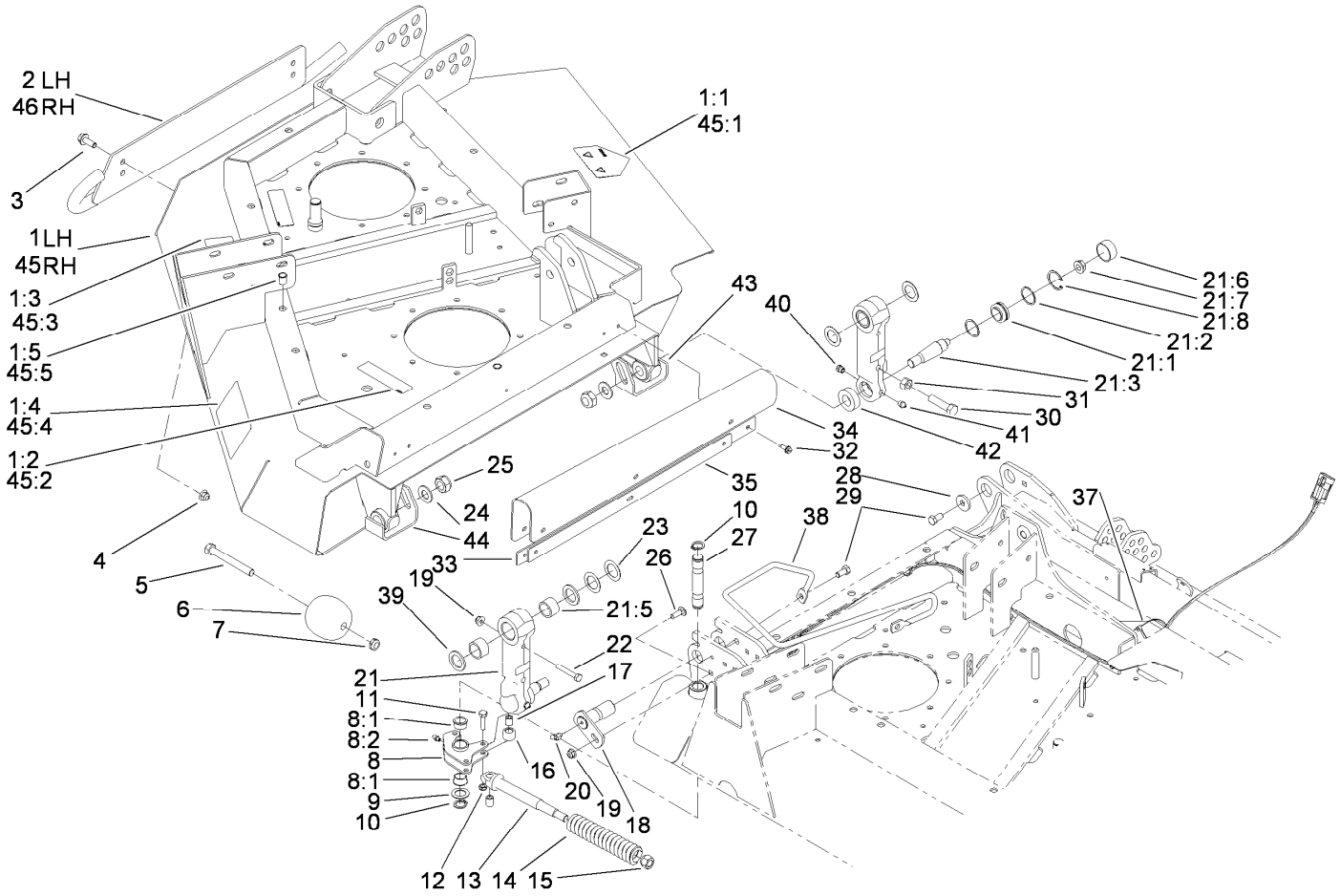
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# High Driven Spindle Assembly No. 119-4549

| *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 |

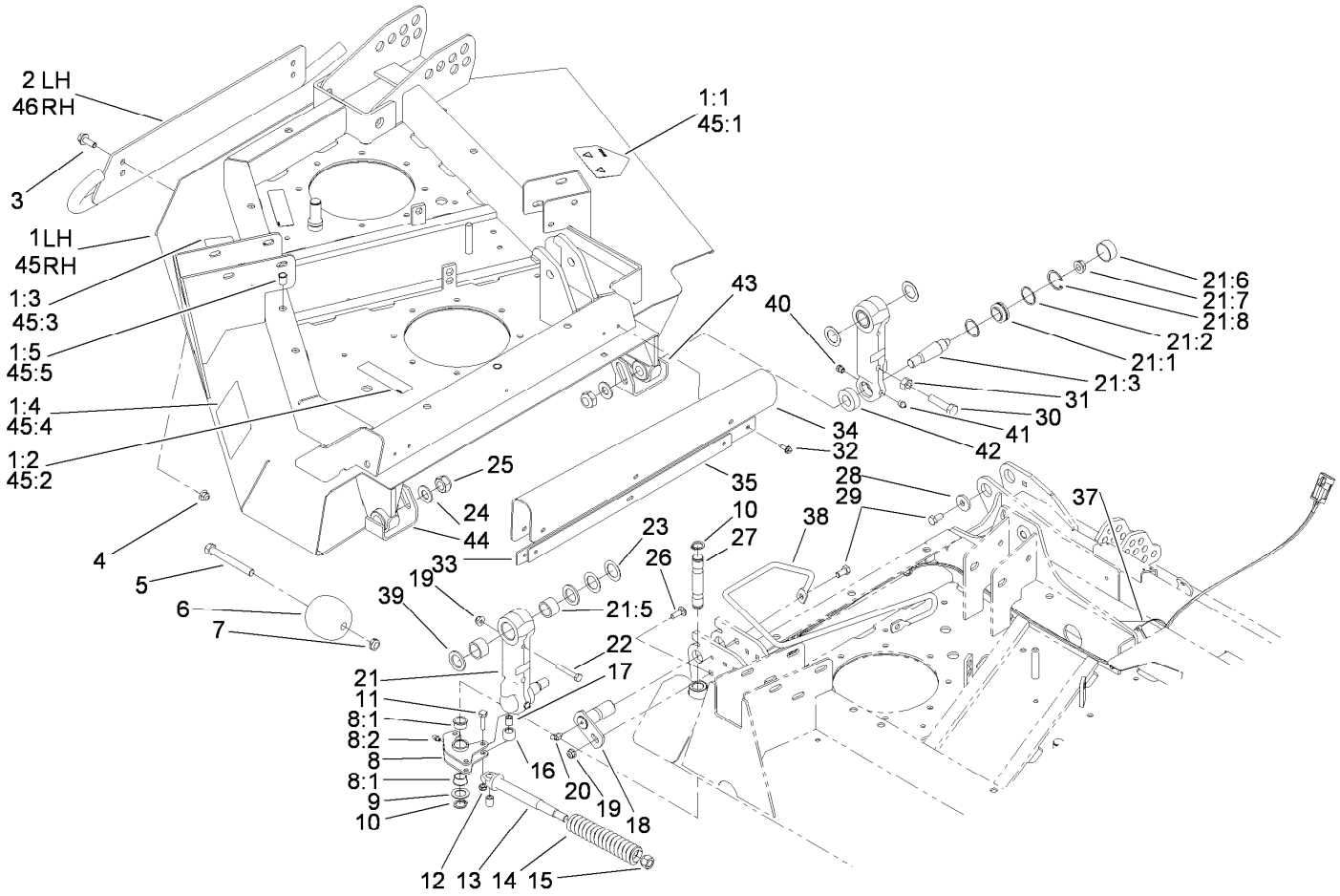
● Not serviced separately




# Right Hand and Left Hand Deck Installation Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 110-3298 | 1 | RH Deck ASM |
| 1:1 | 120-6604 | 1 | Decal-Danger |
| 1:2 | 100-6578 | 2 | Decal-Danger |
| 1:3 | 93-7818 | 1 | Decal-Torque, Blade Bolt |
| 1:4 | 100-5622 | 1 | Decal-HOC |
| 1:5 | 32148-9 | 4 | Insert-Nut |
| 2 | 105-7430-01 | 1 | RH Skid ASM |
| 3 | 3234-42 | 4 | Screw-HHF |
| 4 | 104-8301 | 4 | Nut-Flange, NI |
| 5 | 325-17 | 2 | Screw-HH |
| 6 | 29-4820 | 2 | Roller |
| 7 | 3296-45 | 2 | Nut-Lock, NI |
| 8 | 105-7469 | 2 | Latch ASM |
| 8:1 | 256-252 | 2 | Bearing-Flange |
| 8:2 | 302-5 | 1 | Fitting-Grease |
| 9 | 1278 | 2 | Washer |
| 10 | 32120-93 | 4 | Ring-Retaining |
| 11 | 322-6 | 6 | Screw-HH |
| 12 | 3296-47 | 6 | Nut-Lock, NI |

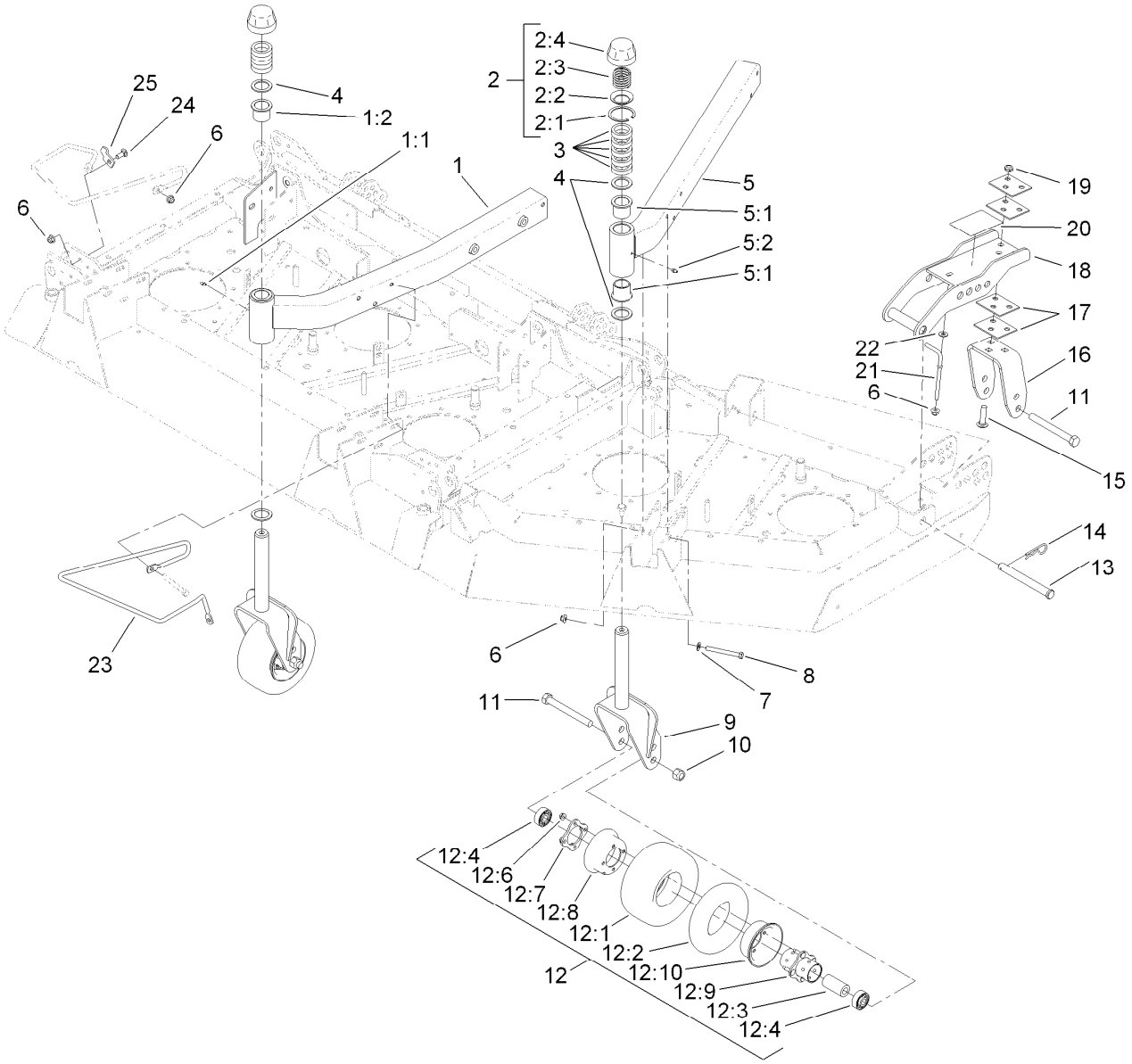
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 13 | 106-4317 | 2 | Support-Spring |
| 14 | 86-2560 | 2 | Spring-Comp |
| 15 | 242-50 | 2 | Nut-Lug |
| 16 | 86-2120 | 4 | Roller-Lock |
| 17 | 86-2090 | 6 | Bushing |
| 18 | 106-7171 | 4 | Pin Pivot ASM |
| 19 | 104-8300 | 6 | Nut-Flange, NI |
| 20 | 302-11 | 4 | Fitting-Lube, 45 DEG |
| 21 | 112-9116 | 4 | Link ASM |
| 21:1 | 105-7441 | 1 | Bearing-Spherical |
| 21:2 | 110-6198 | 2 | Washer-Flat |
| 21:3 | 105-7468 | 1 | Stud-Tapered |
| 21:5 | 106-7248 | 2 | Bushing |
| 21:6 | 110-6197 | 1 | Cap-Dust |
| 21:7 | 32128-42 | 1 | Nut-HF |
| 21:8 | 32151-34 | 1 | Ring-Retaining |
| 22 | 322-10 | 2 | Screw-HH |
| 23 | 9547 | 8 | Washer-Thrust |
| 24 | 3256-27 | 4 | Washer-Flat |




# Right Hand and Left Hand Deck Installation Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 25 | 112-9119 | 4 | Nut-Lock, NI |
| 26 | 3230-2 | 4 | Bolt-CARR |
| 27 | 105-7482 | 2 | Pin-Latch |
| 28 | 53-6380 | 2 | Washer-Flat |
| 29 | 323-4 | 4 | Screw-HH |
| 30 | 325-8 | 2 | Screw-HH |
| 31 | 3217-9 | 2 | Nut-HH |
| 32 | 32104-95 | 12 | Screw-HWH |
| 33 | 107-0170-03 | 2 | Strap-Wing |
| 34 | 106-4334 | 2 | Shield-Flex |
| 35 | 107-0171-03 | 2 | Strap-Shield |
| 37 | 3290-379 | 4 | Tie-Cable |
| 38 | 107-0182 | 1 | Guide-Hose, RH |
| 39 | 92-7845 | 4 | Spacer-Hardened |

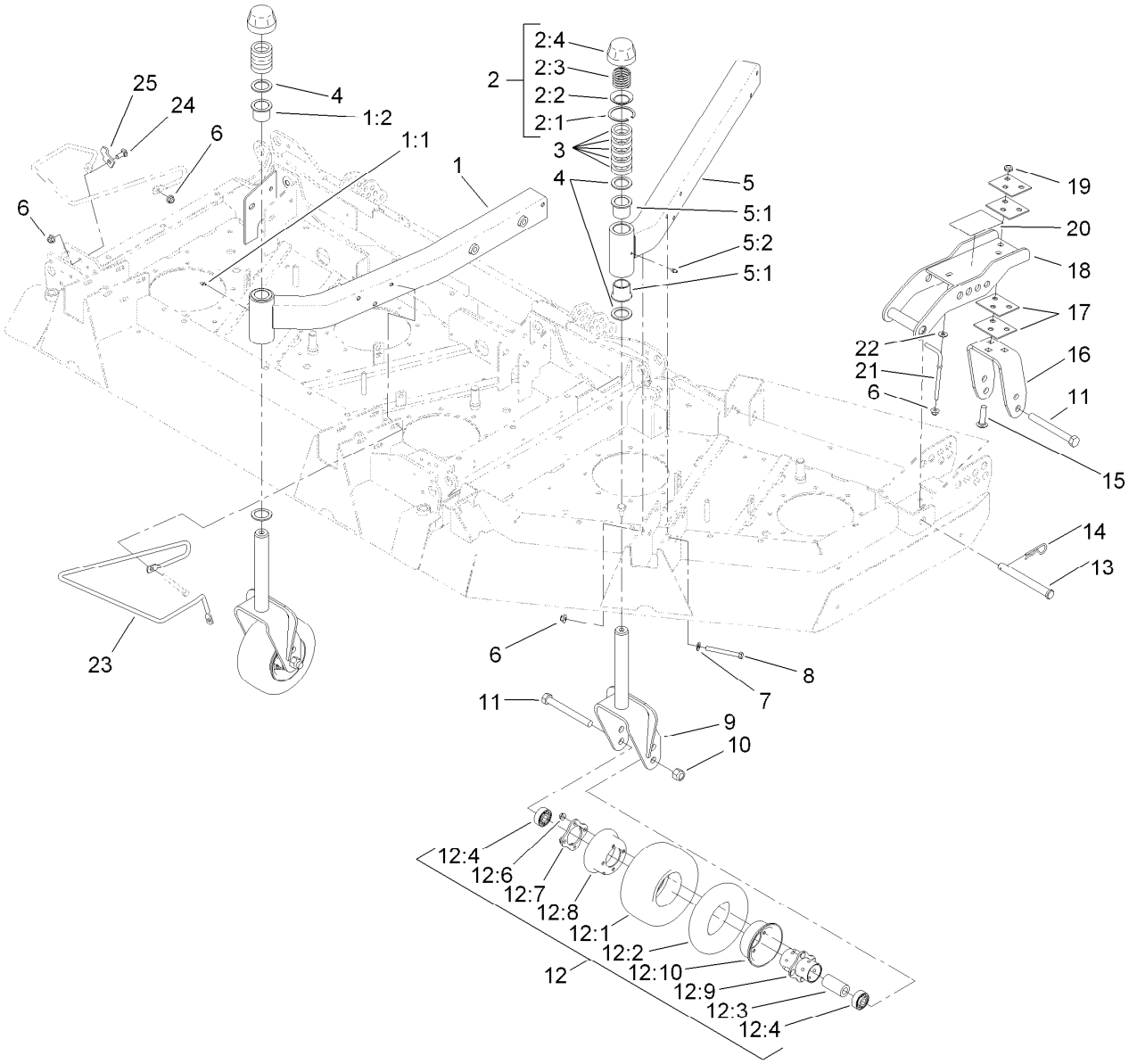
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 40 | 302-39 | 4 | Fitting-Plug |
| 41 | 302-52 | 4 | Fitting-Grease |
| 42 | 110-6196 | 4 | Washer-Foam |
| 43 | 112-9106-01 | 2 | Skid-Link (Left Front, Right Rear) |
| 44 | 112-9105-01 | 2 | Skid-Link (Right Front, Left Rear) |
| 45 | 110-3299 | 1 | LH Deck ASM |
| 45:1 | 120-6604 | 1 | Decal-Danger |
| 45:2 | 100-6578 | 2 | Decal-Danger |
| 45:3 | 93-7818 | 1 | Decal-Torque, Blade Bolt |
| 45:4 | 100-5622 | 1 | Decal-HOC |
| 45:5 | 32148-9 | 4 | Insert-Nut |
| 46 | 105-7437-01 | 1 | LH Skid ASM |




# Caster Wheel Assembly

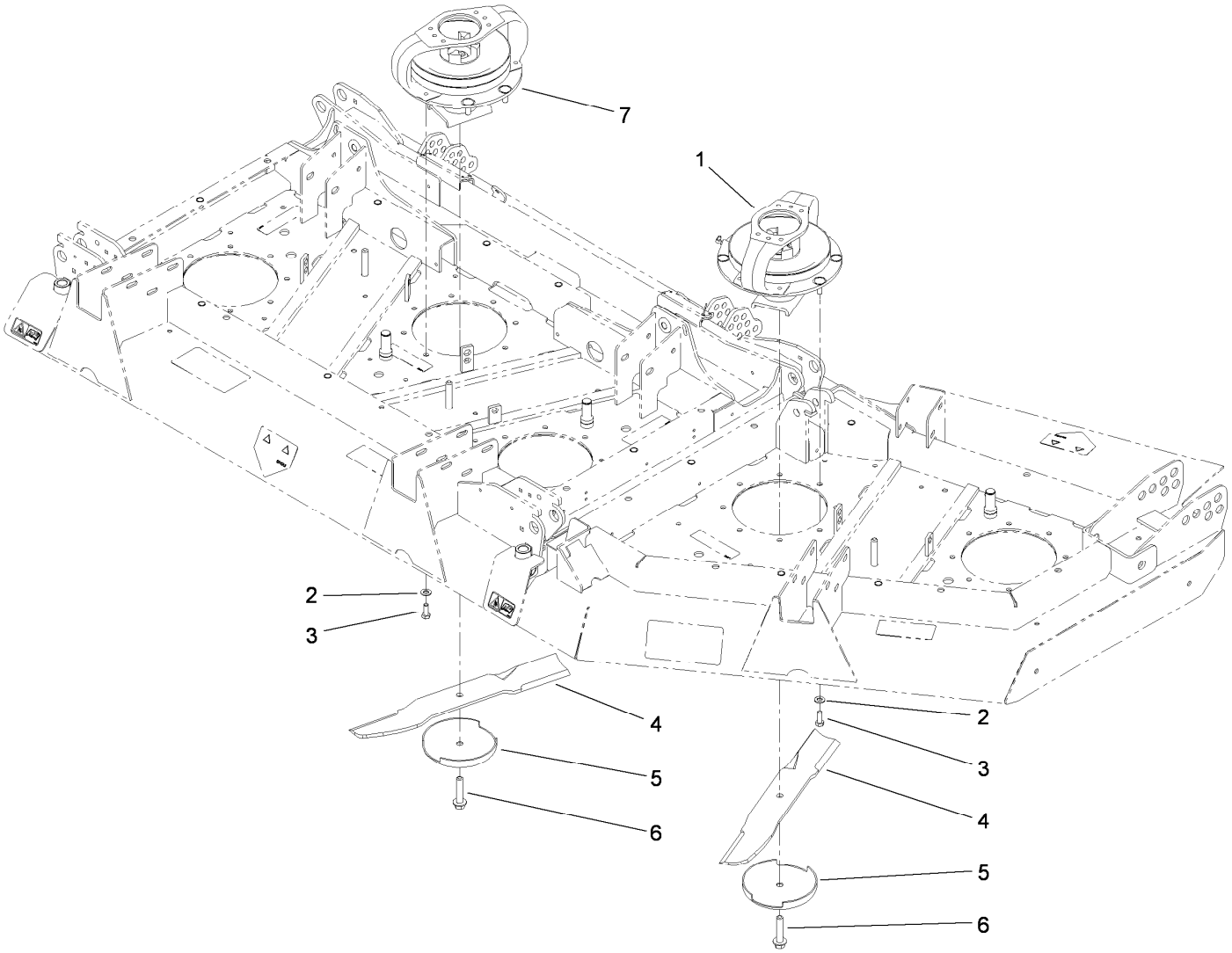
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 105-7414 | 2 | Center Castor Arm ASM |
| 1:1 | 69-6470 | 2 | Bushing-Castor |
| 1:2 | 302-5 | 1 | Fitting-Grease |
| 2 | 92-9727 | 4 | HOC Cap ASM |
| 2:1 | 92-5581 | 1 | Ring-Retaining |
| 2:2 | 92-5583 | 1 | Washer-Cap |
| 2:3 | 92-9726 | 1 | Spring-Compression |
| 2:4 | 92-8861 | 1 | Cap-HOC |
| 3 | 69-1510 | 20 | Spacer |
| 4 | 69-6860 | 8 | Washer-Thrust |
| 5 | 105-7429 | 2 | Side Castor Arm ASM |
| 5:1 | 69-6470 | 2 | Bushing-Castor |
| 5:2 | 302-5 | 1 | Fitting-Grease |
| 6 | 104-8301 | 24 | Nut-Flange, NI |
| 7 | 3256-24 | 18 | Washer-Flat |
| 8 | 323-15 | 20 | Screw-HH |
| 9 | 92-7750-01 | 4 | Fork-Castor |
| 10 | 3296-53 | 6 | Nut-Lock, NI |
| 11 | 327-24 | 6 | Screw-HH |
| 12 | 93-9938 | 6 | Wheel ASM |
| 12:1 | 93-9939 | 1 | Tire |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 12:2 | 68-8950 | 1 | Tube-Inner (W/Valve) |
| 12:3 | 93-4241 | 1 | Spacer-Bearing, Inner |
| 12:4 | 120-3366 | 2 | Bearing |
| 12:6 | 32128-16 | 4 | Nut-HHF |
| 12:7 | 93-4242 | 1 | Plate |
| 12:8 | 93-4239 | 1 | Rim-Wheel, Half |
| 12:9 | 93-5980 | 1 | Hub |
| 12:10 | 95-2741 | 1 | Rim-Wheel, Half |
| 13 | 100-5569 | 4 | Pin-Clevis |
| 14 | 3290-343 | 4 | Pin-Hair |
| 15 | 3233-4 | 6 | Screw-CARR |
| 16 | 105-7457-01 | 2 | Fork-Rear |
| 17 | 104-7524 | 8 | Shim |
| 18 | 104-7529-01 | 2 | Bracket-Castor |
| 19 | 3296-45 | 6 | Nut-Lock, NI |
| 20 | 100-5623 | 1 | Decal-HOC |
| 20 | 104-3579 | 1 | Decal-HOC |
| 21 | 106-2047 | 2 | Rod-Tension |
| 22 | 3256-3 | 2 | Washer-Flat |
| 23 | 107-0183 | 1 | Guide-Hose, LH |



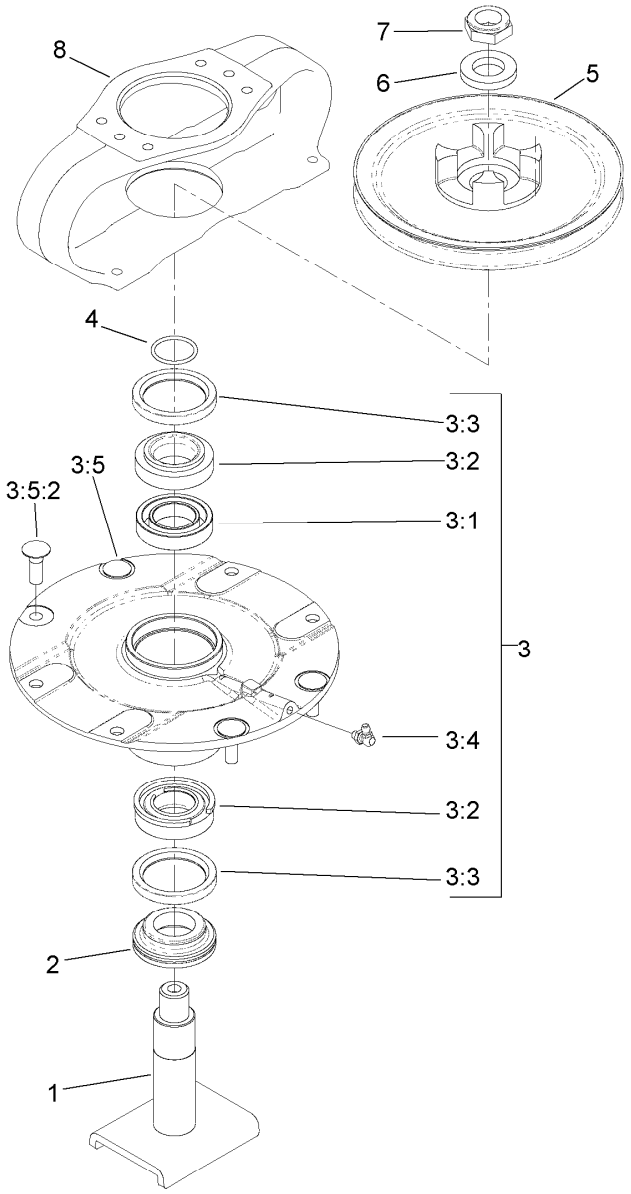

# Caster Wheel Assembly (continued)

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 24 | 3231-2 | 2 | Bolt-CARR |
| 25 | 107-0229 | 2 | Tab-Guide |




# Spindle and Blade Assembly

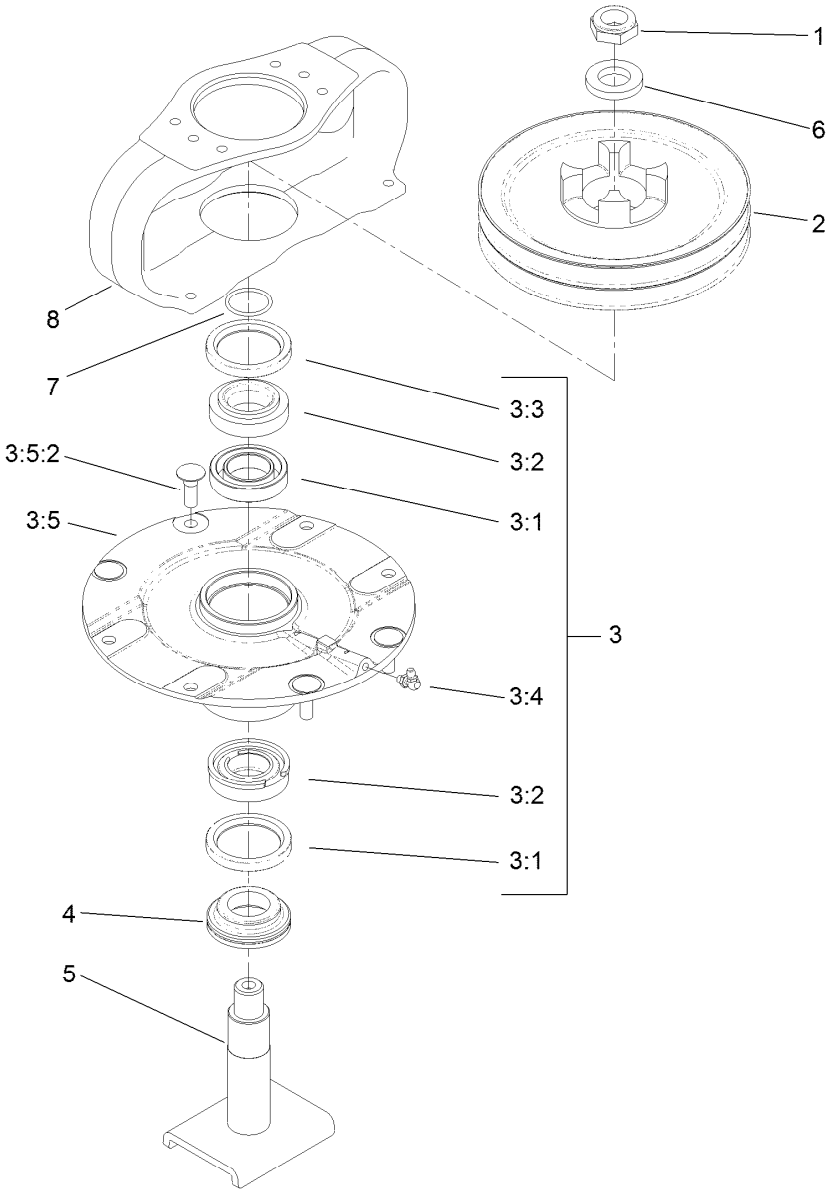
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 119-4547 | 2 | Driving Spindle ASM |
| 2 | 3256-24 | 12 | Washer-Flat |
| 3 | 323-6 | 12 | Screw-HH |
| 4 | 106-7166-03 | 7 | Blade-Combination (19 Inch) |
| 5 | 72-9361 | 7 | Cup-Scalp, Anti |
| 6 | 92-5816 | 7 | Bolt-Blade |
| 7 | 119-5298 | 1 | Double-Driven Spindle ASM |




# 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 |

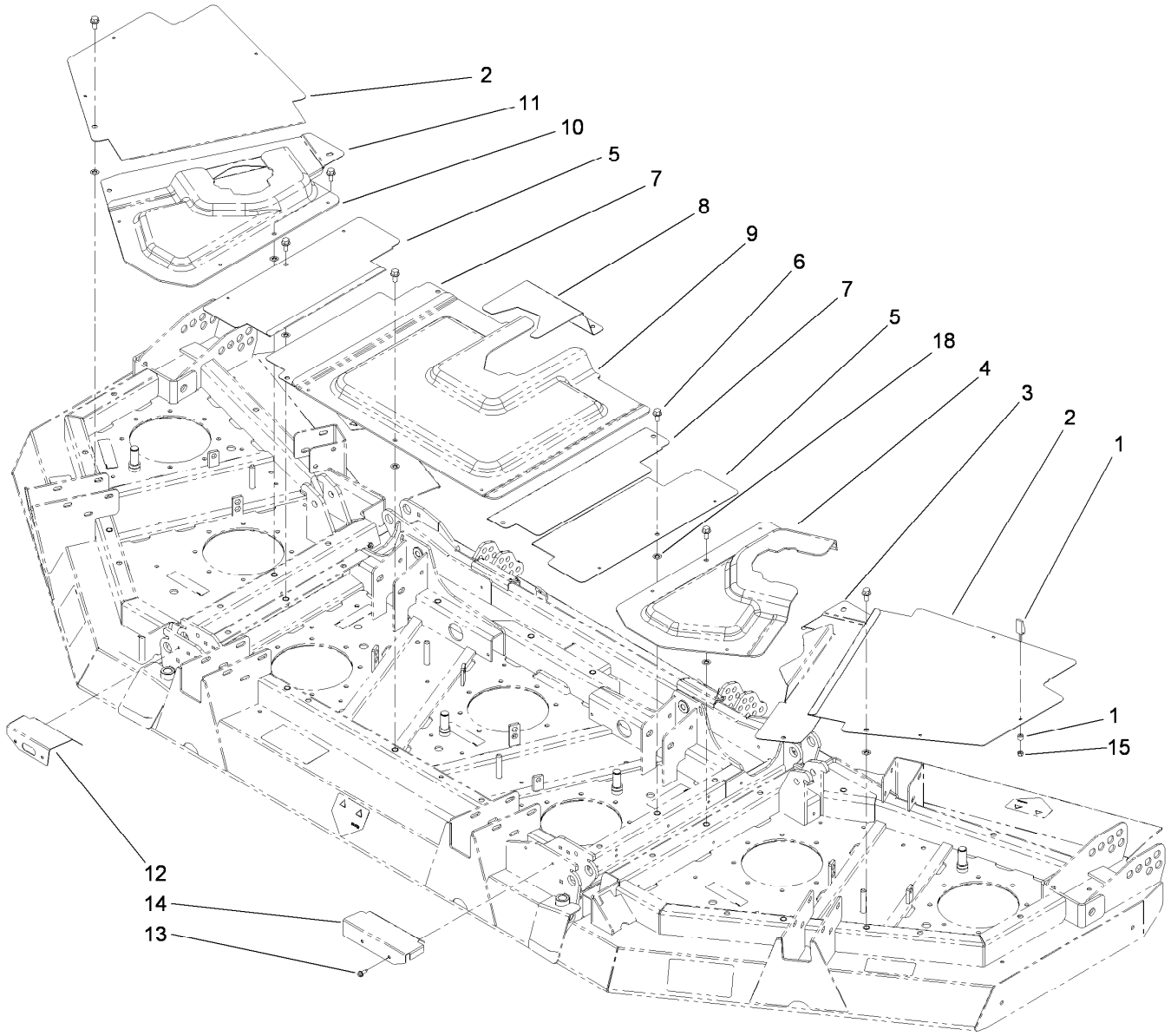
● Not serviced separately




# Double Driven Spindle Assembly No. 119-5298

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 3296-60 | 1 | Nut-Lock, NI |
| 2 | 106-4269 | 1 | Pulley-Drive, Double |
| 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 | 69-6950 | 1 | Spacer-Shaft, Spindle |
| 5 | 104-3554 | 1 | Shaft-Spindle |
| 6 | 120-5576 | 1 | Washer-Hardened |
| 7 | 106-7159 | 1 | O-Ring |
| 8 | 106-4268 | 1 | Mount-Motor, Drive |

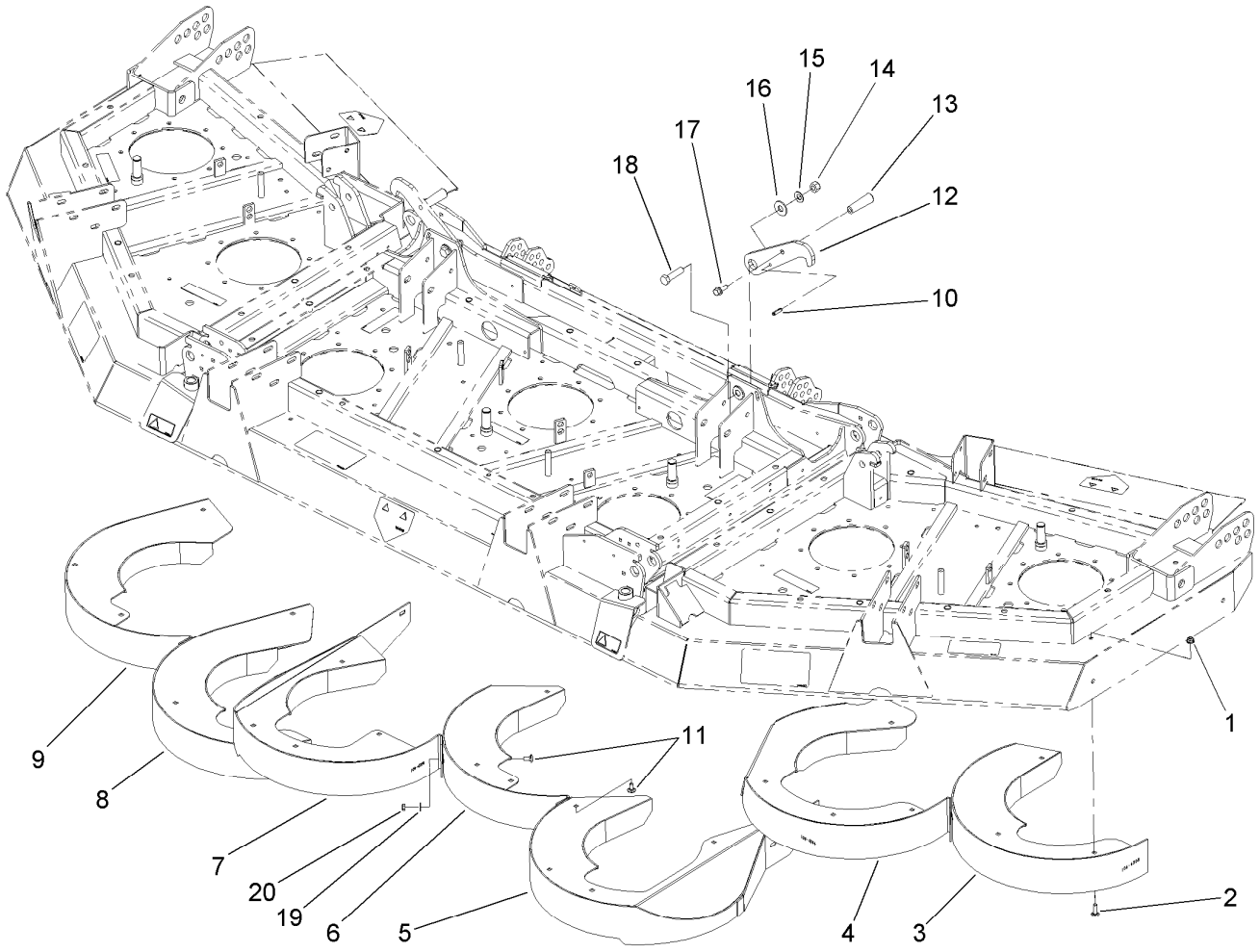
● Not serviced separately




# Deck Cover Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 74-5950 | 18 | Latch-Swell |
| 2 | 106-4256-03 | 2 | Cover-Outer, Wing |
| 3 | 106-4258-03 | 1 | Cover-Inner, LH |
| 4 | 106-4260 | 1 | Cover-Mount, LH |
| 5 | 106-4252-03 | 2 | Cover-Outer, Center |
| 6 | 3234-1 | 17 | Screw-HHF |
| 7 | 106-4255-03 | 2 | Cover-Inner, Center |
| 8 | 106-4253-03 | 1 | Cover-Rear, Center |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 9 | 106-4254 | 1 | Cover-Front, Center |
| 10 | 106-4259 | 1 | Cover-Mount, RH |
| 11 | 106-4257-03 | 1 | Cover-Inner, RH |
| 12 | 106-7173-01 | 1 | Shield-RH |
| 13 | 32104-95 | 4 | Screw-HWH |
| 14 | 106-7174-01 | 1 | Shield-LH |
| 15 | 1-804254 | 18 | Nut-Lock, HH |
| 18 | 107-3154 | 7 | Nut-Push |




# Rear Discharge Baffle Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 104-8300 | 24 | Nut-Flange, NI |
| 2 | 3230-22 | 23 | Screw-CARR |
| 3 | 106-4308-01 | 1 | LH Out Chamber ASM |
| 4 | 106-4304-01 | 1 | LH Inside Chamber ASM |
| 5 | 106-4291-01 | 1 | LH Center Chamber ASM |
| 6 | 106-4294-01 | 1 | Center Chamber ASM |
| 7 | 106-4286-01 | 1 | RH Center Chamber ASM |
| 8 | 106-4298-01 | 1 | RH Inside Chamber ASM |
| 9 | 106-4301-01 | 1 | RH Out Chamber ASM |
| 10 | 32121-24 | 2 | Pin-Spring |
| 11 | 3230-18 | 5 | Screw-CARR |
| 12 | 106-4340-01 | 2 | Latch-Wing |
| 13 | 233-39 | 2 | Knob-Control |
| 14 | 3296-25 | 2 | Nut-Lock, NI |
| 15 | 3290-483 | 2 | Washer-Conical |
| 16 | 3256-6 | 2 | Washer-Flat |
| 17 | 3234-11 | 2 | Screw-HHF |
| 18 | 325-8 | 2 | Screw-HH |
| 19 | 3256-23 | 4 | Washer-Flat |
| 20 | 3296-47 | 4 | Nut-Lock, NI |

## Notes:

## Notes:




**Count on it.**