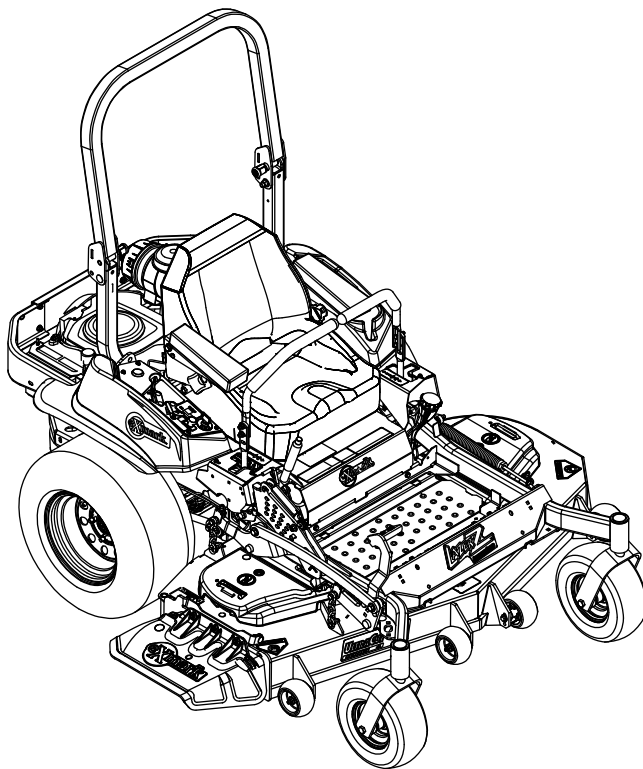




# **LAZER Z<sup>®</sup> S-SERIES**

Model No. LZS29KA724—Serial No. 920000 and Up



# **Parts Manual**

Part No. 4500-729 Rev. 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:** Liquid Propane

**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

# Touch Up Paint

Exmark black touch up spray paint – gloss black.

Exmark red touch up paint (spray paint – P/N 1-850337 - .6 oz liquid bottle – P/N 103-9140).

**EXMARK PARTS PLUS**

***PARTS***

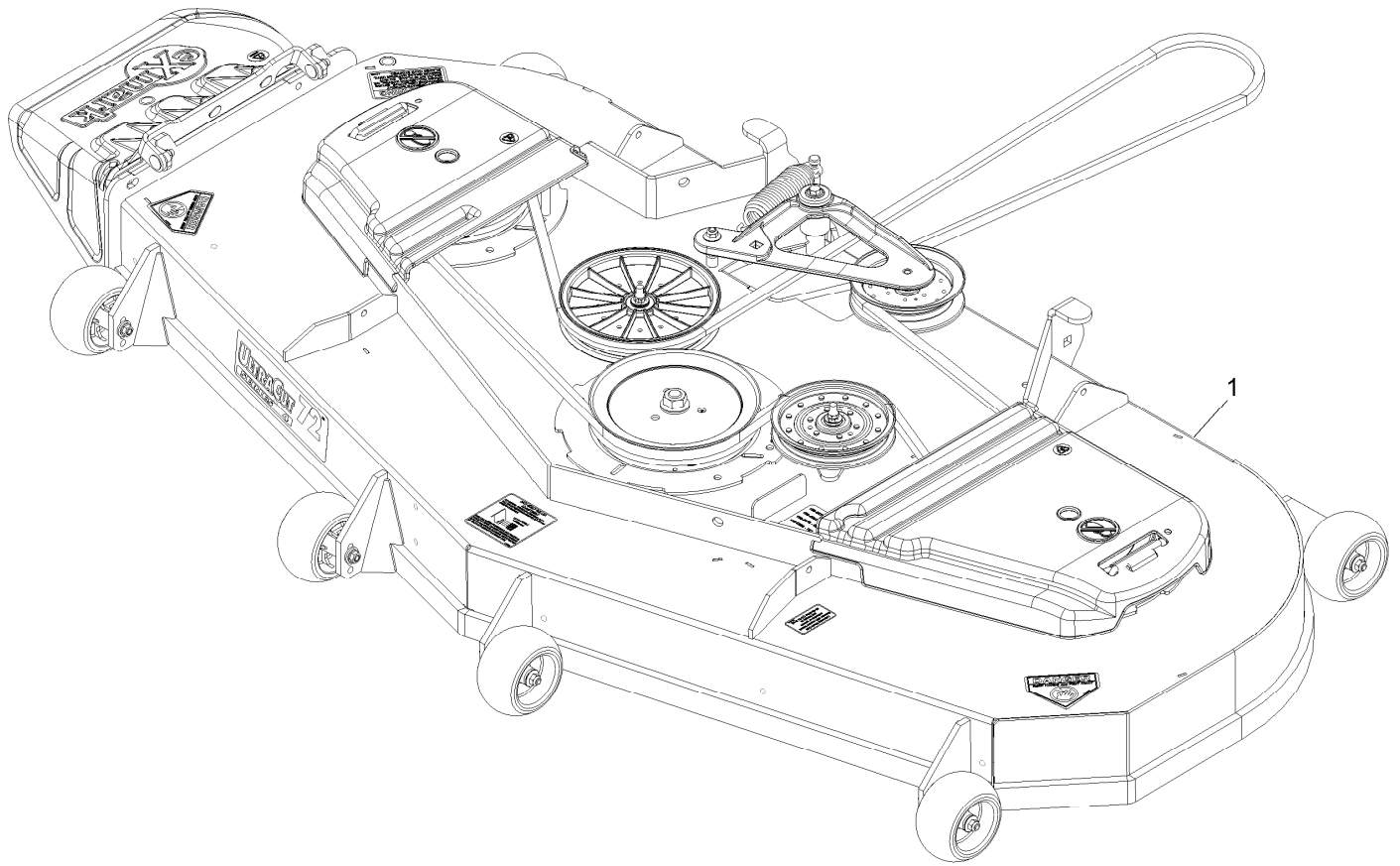
**OVERNIGHT**

**OR *FREE*\***

If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark Dealer for details.)

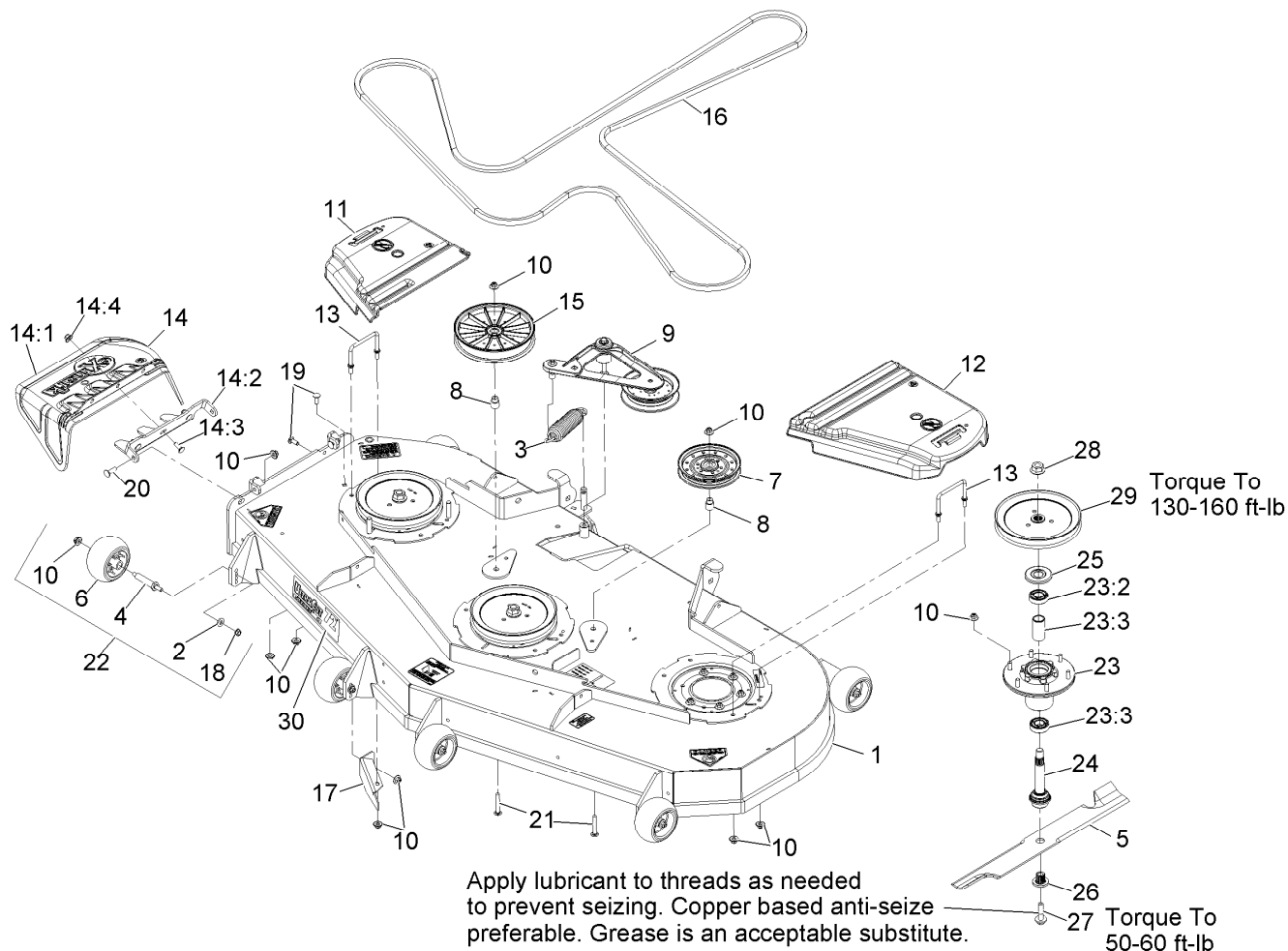
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## Complete Deck Assembly

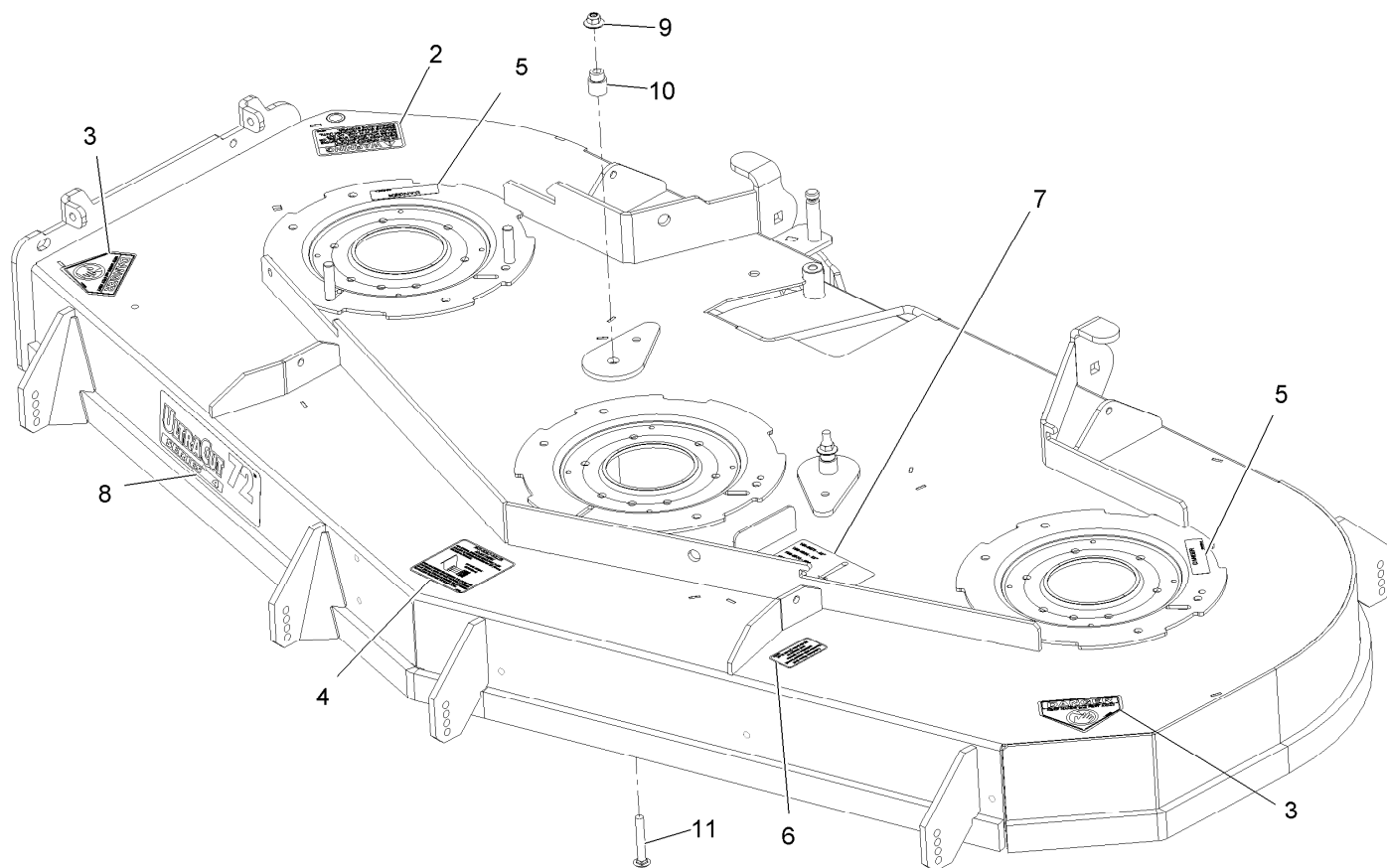
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 116-3600    | 1    | ASM,724 Deck Complete |



## Deck Assembly

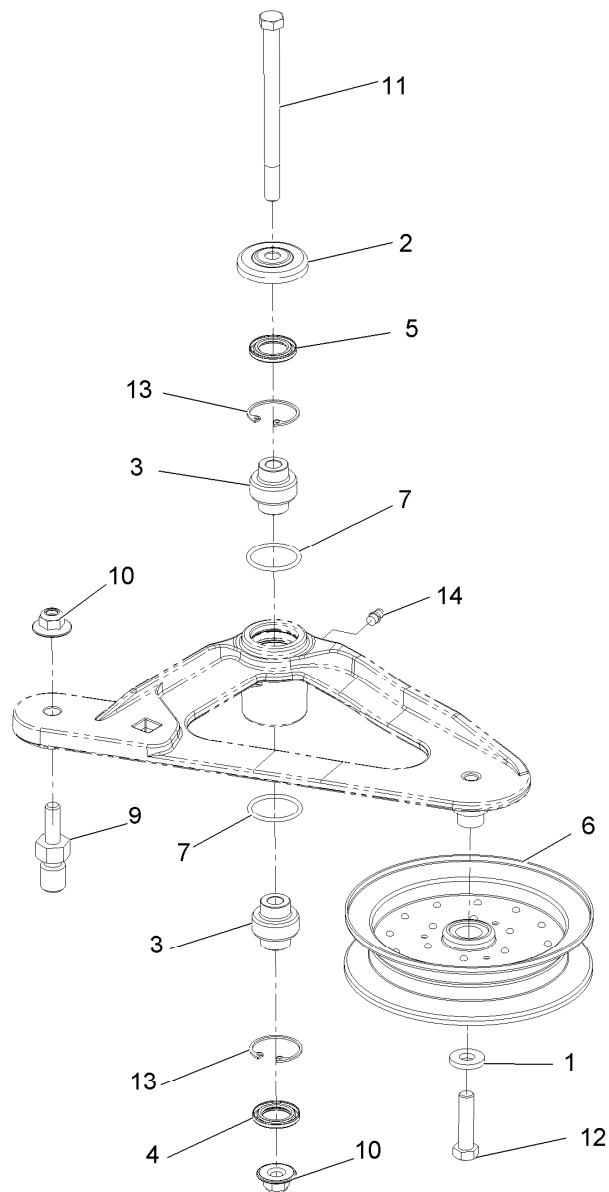
| Ref. | Part Number | Qty. | Description                     | Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|---------------------------------|------|-------------|------|------------------------------|
| 1    | 116-1665    | 1    | ASM,Deck W/Decals 724           | 14:2 | 109-8675-01 | 1    | Bracket,Discharge Chute      |
| 2    | 98-5975     | 6    | Washer-Spring Disc 3/8          | 14:3 | 3231-22     | 3    | Bolt-Carriage 3/8-16 X 1     |
| 3    | 116-0133    | 1    | Extension-Spring                | 14:4 | 109-6658    | 3    | Nut-Nyloc 3/8-16 Flg         |
| 4    | 99-2842     | 6    | Spacer                          | 15   | 109-0996    | 1    | Pulley,Idler 8"flat          |
| 5    | 103-6404    | 3    | Blade, Notched 24.5 (.94 Hole)  | 16   | 109-9023    | 1    | Belt,V-5V X 219.00"          |
| 5    | 103-6399    | 3    | Blade, Extreme 24.5 (.94 Hole)  | 17   | 109-9695-01 | 1    | Baffle,Discharge 726         |
| 5    | 103-6394    | 3    | Blade, Mulch 24.5 (.94 Hole) ●  | 18   | 3290-357    | 6    | Nut-Whizlock 3/8-16          |
| 5    | 103-6389    | 3    | Blade, Low Lift 24.5 (.94 Hole) | 19   | 3231-22     | 2    | Bolt-Carriage 3/8-16 X 1     |
| 5    | 103-6384    | 3    | Blade, Solid 24.5 (.94 Hole)    | 20   | 3231-28     | 2    | Bolt-Carriage 3/8-16 X 1 1/4 |
| 6    | 1-603299    | 6    | Roller-Scalp, Anti              | 21   | 3231-44     | 2    | Bolt-Carriage 3/8-16 X 2 1/2 |
| 7    | 1-633109    | 1    | Idler-Flat                      | 22   | 103-4051    | 6    | Kit,Anti-Scalp Roller        |
| 8    | 1-633456    | 2    | Bushing,Idler                   | 23   | 116-3344    | 3    | ASM-Cutter Hsg With Bearings |
| 9    | 116-3755    | 1    | Deck Idler ASM                  | 23:2 | 116-0720    | 2    | Bearing-Ball, 25Mm           |
| 10   | 109-6658    | 34   | Nut-Nyloc 3/8-16 Flg            | 23:3 | 116-3312    | 1    | Spacer-Bearing               |
| 11   | 116-0094    | 1    | Cover-Belt, RH                  | 24   | 116-3341    | 3    | ASM-Spindle And Seal         |
| 12   | 109-6938    | 1    | Cover-Belt, LH                  | 25   | 116-1286    | 3    | Guard,Bearing Top .989       |
| 13   | 109-6982    | 2    | Wireform-Cover                  | 26   | 103-3037    | 3    | Bushing,Splined              |
| 14   | 109-7188    | 1    | ASM,Discharge Chute             | 27   | 109-9220    | 3    | Screw-Sems 1/2-20 X 2.19     |
| 14:1 | 109-2738    | 1    | Chute,Discharge                 | 28   | 104-0753    | 3    | Nut-Hex 3/4-16 Flg Special   |
|      |             |      |                                 | 29   | 116-1377    | 3    | Sheave,Blade Drive 8.74      |
|      |             |      |                                 | 30   | 116-0944    | 1    | Decal,Ultracut 72 Series 4   |

● Requires installation of mulch kit for proper mulching. See your Exmark dealer for details.



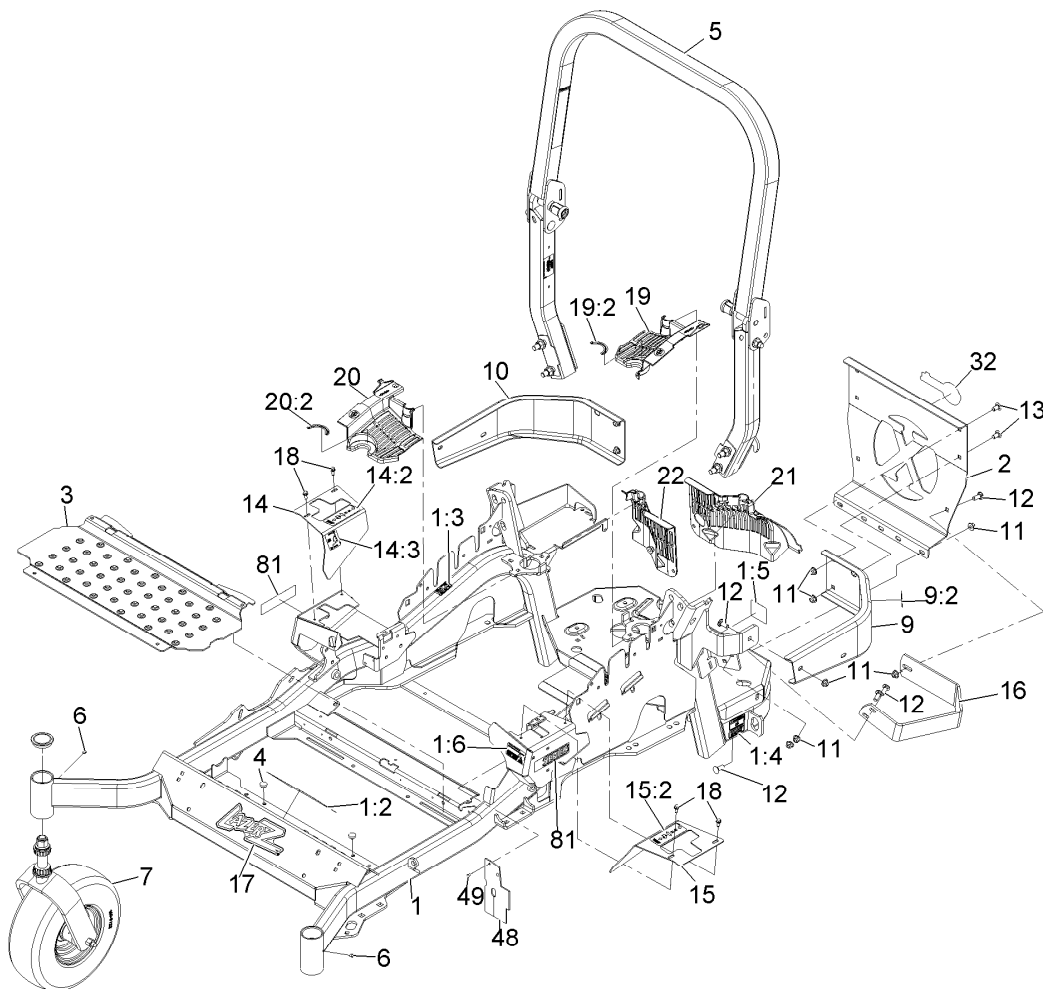
## Deck W/Decals Assembly No. 116-1665

| Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 2    | 1-303508    | 1    | Decal-Warning, Discharge     |
| 3    | 1-403005    | 2    | Decal-Danger                 |
| 4    | 1-633922    | 1    | Decal,Antiscalp              |
| 5    | 98-5954     | 2    | Decal-Cover, Missing         |
| 6    | 109-3148    | 1    | Decal,Bolt Torque            |
| 7    | 109-9361    | 1    | Decal,Belt Routing           |
| 8    | 116-0944    | 1    | Decal,Ultracut 72 Series 4   |
| 9    | 109-6658    | 2    | Nut-Nyloc 3/8-16 Flg         |
| 10   | 1-633456    | 2    | Bushing,Idler                |
| 11   | 3231-44     | 2    | Bolt-Carriage 3/8-16 X 2 1/2 |



## Deck Idler Assembly No. 116-3755

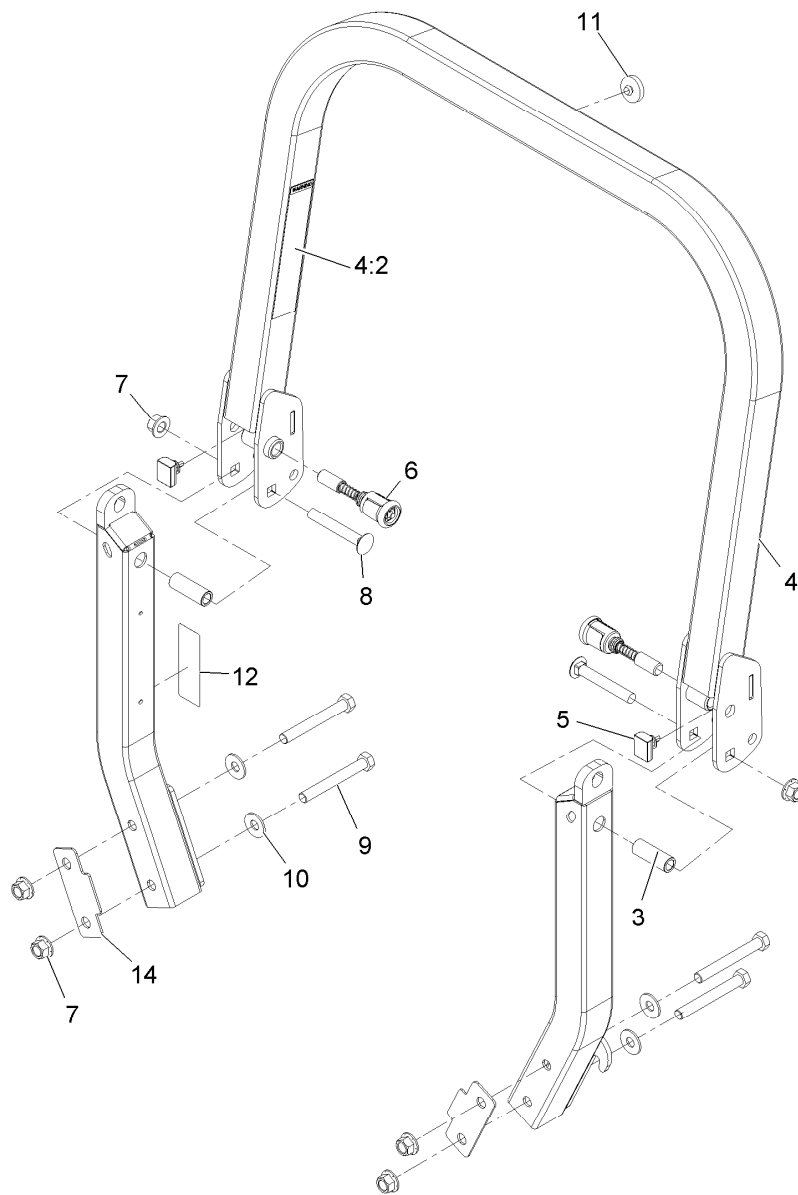
| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 1    | 43-0940     | 1    | Spacer-Hub, Blower        |
| 2    | 103-2916    | 1    | Guard-Top                 |
| 3    | 103-3504    | 2    | Bearing-Spherical         |
| 4    | 103-3505    | 1    | Seal-Double Lip           |
| 5    | 103-3506    | 1    | Seal-Single Lip           |
| 6    | 103-8743    | 1    | Pulley-Idler, Flanged     |
| 7    | 106-7159    | 2    | O-Ring                    |
| 9    | 116-3467    | 1    | Pin, Spring Anchor        |
| 10   | 109-6658    | 2    | Nut-Nyloc 3/8-16 Flg      |
| 11   | 109-7409    | 1    | Screw-Shoulder 3/8-16 X 5 |
| 12   | 323-8       | 1    | Screw-HH 3/8-16 X 1 1/2   |
| 13   | 32120-10    | 2    | Ring-Retaining            |
| 14   | 302-19      | 1    | Zerk-1/4-28 Str           |



## Main Frame Assembly

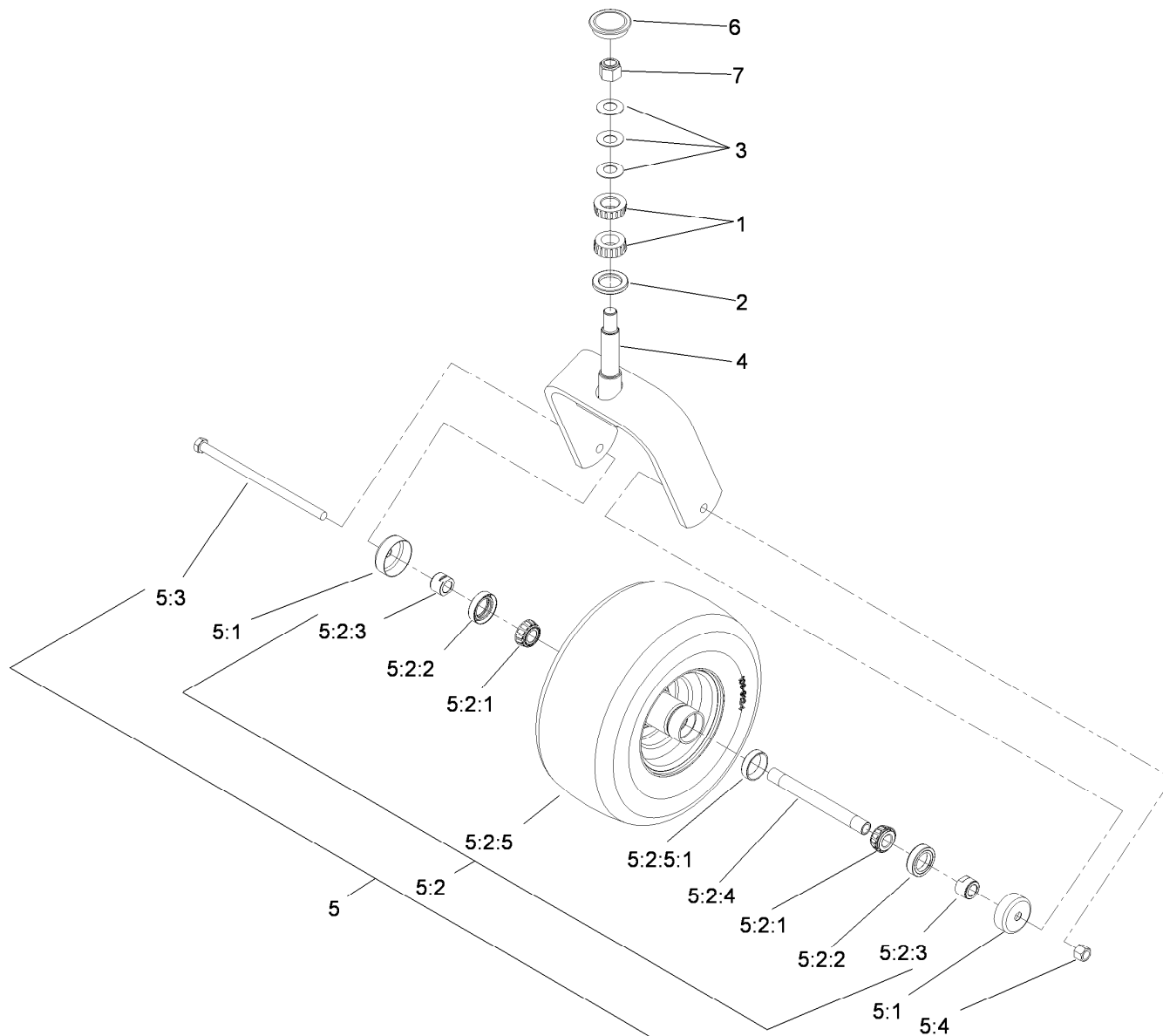
| Ref. | Part Number | Qty. | Description                 | Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|------|-------------|------|-----------------------------|
| 1    | 116-2128    | 1    | Main Frame ASM              | 14:2 | 109-7232    | 1    | Decal-Motion Control        |
| 1:2  | 103-2076    | 2    | Decal-Caution               | 14:3 | 109-7929    | 1    | Decal-Park Brake            |
| 1:3  | 116-3303    | 1    | Decal-Slope                 | 15   | 116-0580    | 1    | LH Motion Control Cover ASM |
| 1:4  | 116-0205    | 2    | Decal-Belt Drive            | 15:2 | 109-7232    | 1    | Decal-Motion Control        |
| 1:5  | 116-4858    | 1    | Decal-Spark Arrester        | 16   | 116-0043-03 | 1    | Guard-Muffler               |
| 1:6  | 116-1654    | 1    | Decal Fuel Fill             | 17   | 103-3113    | 1    | Decal,Lazer Model           |
| 2    | 109-8863-03 | 1    | Plate,Rear Guard            | 18   | 32144-10    | 4    | Screw-HWH 1/4-20 X .62      |
| 3    | 116-0024-01 | 1    | Floorpan                    | 19   | 116-0170    | 1    | LH Hydro Guard ASM          |
| 4    | 1-513658    | 2    | Bumper                      | 19:2 | 116-0157    | 1    | Decal-Hydro Oil             |
| 5    | 116-0230    | 1    | ASM,ROPS Service Exmark     | 20   | 116-0171    | 1    | RH Hydro Guard ASM          |
| 6    | 1-811010    | 2    | Plug                        | 20:2 | 116-0157    | 1    | Decal-Hydro Oil             |
| 7    |             | 2    | Caster Wheel ASM ●          | 21   | 109-9057    | 1    | Guard-Hydro, Rear LH        |
| 9    | 116-0180    | 1    | LH Bumper ASM               | 22   | 109-9058    | 1    | Guard-Hydro, Rear RH        |
| 9:2  | 103-2076    | 1    | Decal-Caution               | 32   | 103-2883    | 1    | Decal,Exmark Logo           |
| 10   | 116-0057-03 | 1    | Bumper-RH                   | 48   | 116-2362    | 1    | Deflector, Air Flow         |
| 11   | 104-8301    | 11   | Nut-Nyloc 3/8-16 Flg        | 49   | 1-803035    | 2    | Rivet 3/16 X 1/4            |
| 12   | 3231-22     | 7    | Bolt-Carriage 3/8-16 X 1    | 81   | 116-3884    | 2    | Decal-S-Series              |
| 13   | 3231-21     | 4    | Bolt-Carriage 3/8-16 X 3/4  |      |             |      |                             |
| 14   | 116-0579    | 1    | RH Motion Control Cover ASM |      |             |      |                             |

● Not serviced separately



## Roll-Over Protection System Assembly No. 116-0230

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>           |
|-------------|--------------------|-------------|------------------------------|
| 3           | 109-6653           | 2           | Spacer                       |
| 4           | 116-0019           | 1           | Upper ROPS ASM               |
| 4:2         | 107-2102           | 1           | Decal-Warning, Folding ROPS  |
| 5           | 109-5337           | 2           | Bumper-ROPS                  |
| 6           | 116-0104           | 2           | Spring Pin ASM               |
| 7           | 99-5107            | 6           | Nut-Lock 1/2-13              |
| 8           | 3233-10            | 2           | Bolt-Carriage 1/2-13 X 3 1/2 |
| 9           | 325-17             | 4           | Screw-HH 1/2-13 X 4          |
| 10          | 109-9505           | 4           | Washer-Spring                |
| 11          | 109-9233           | 1           | Bumper-Push-In, Rubber       |
| 12          | 116-0090           | 1           | Decal-Caution                |
| 14          | 116-0960           | 2           | Spacer                       |



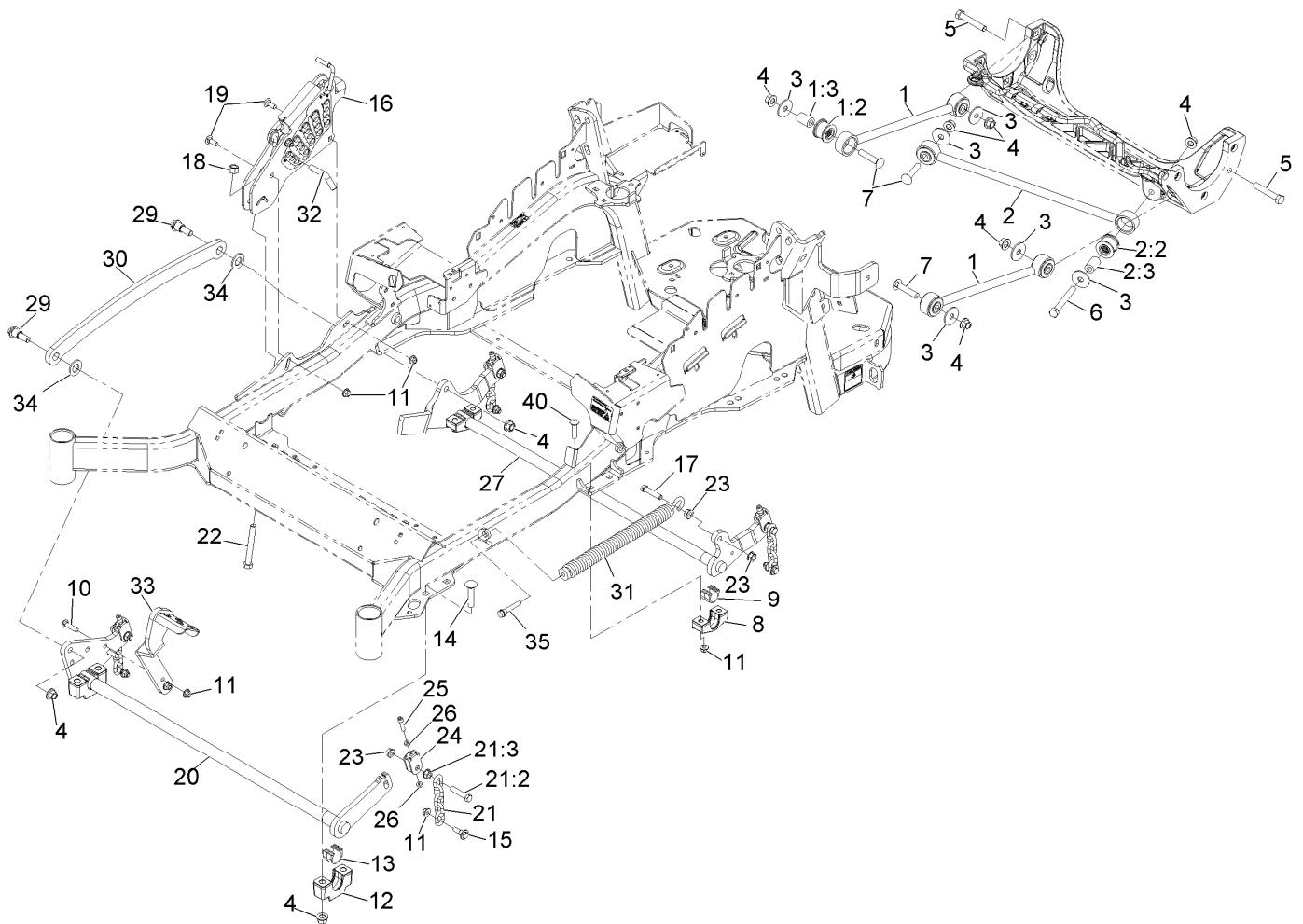
## Caster Wheel and Fork Assembly

| Ref.  | Part Number | Qty. | Description                 |
|-------|-------------|------|-----------------------------|
| 1     | 1-543509    | 2    | Cone-Bearing Tapered Roller |
| 2     | 1-543511    | 1    | Seal-Grease                 |
| 3     | 1-633508    | 3    | Washer-Spring Disc          |
| 4     | 103-1474-01 | 1    | Caster-Fork                 |
| 5     | 109-9127    | 1    | Wheel And Tire ASM          |
| 5:1   | 103-2768    | 2    | Guard-Seal                  |
| 5:2   |             | 1    | Wheel And Tire ASM ●        |
| 5:2:1 | 1-633585    | 2    | Bearing-Cone Tapered Roller |

| Ref.    | Part Number | Qty. | Description             |
|---------|-------------|------|-------------------------|
| 5:2:2   | 103-0063    | 2    | Seal-Double Lip         |
| 5:2:3   | 103-3051    | 2    | Spacer-Nut ■            |
| 5:2:4   | 103-5156    | 1    | Axle-Caster             |
| 5:2:5   | 109-9124    | 1    | Wheel And Tire ASM      |
| 5:2:5:1 | 1-633584    | 1    | Bearing-Cup             |
| 5:3     | 325-39      | 1    | Screw-HH 1/2-13 X 9 1/2 |
| 5:4     | 3296-23     | 1    | Nut-Nyloc 1/2-13        |
| 6       | 103-4882    | 1    | Cap-Grease              |
| 7       | 3296-51     | 1    | Nut-Nyloc 3/4-10        |

● Not serviced separately

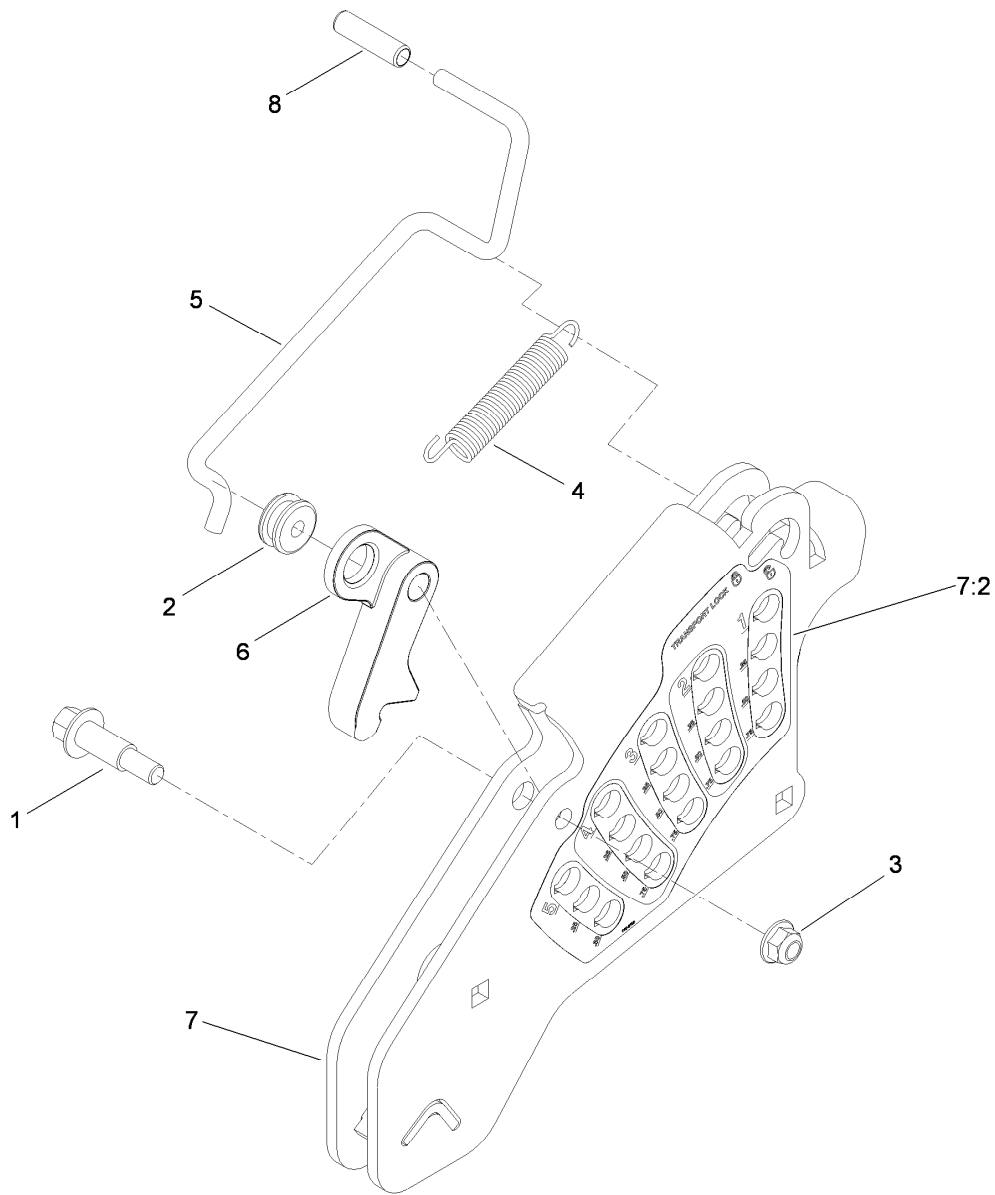
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



## Deck Lift Assembly

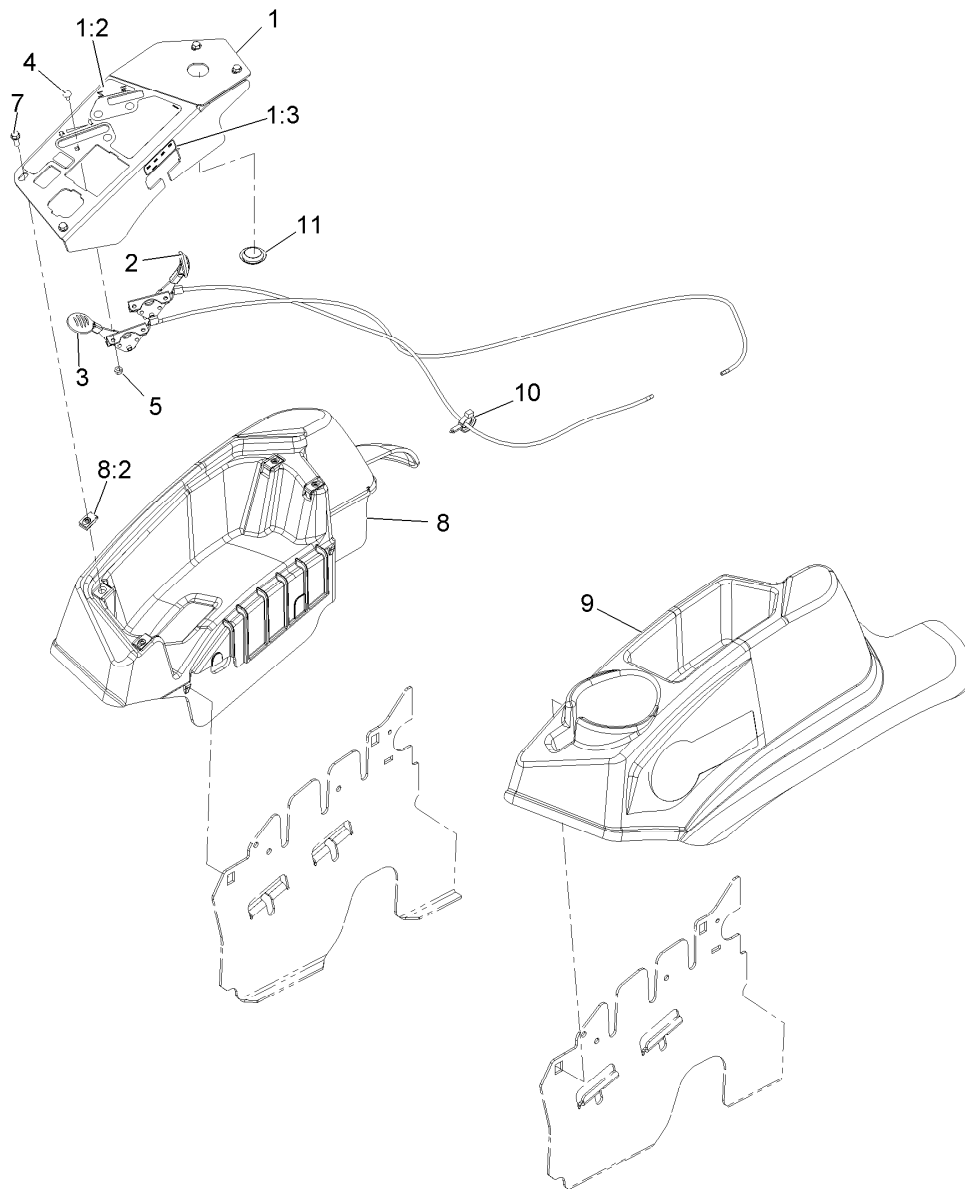
| Ref. | Part Number | Qty. | Description                           |
|------|-------------|------|---------------------------------------|
| 1    | 109-7952    | 2    | Deck Strut ASM                        |
| 1:2  | 109-5009    | 2    | Bushing-Suspension, Rubber            |
| 1:3  | 109-5010    | 2    | Spacer                                |
| 2    | 109-5013    | 1    | Panhard Rod ASM                       |
| 2:2  | 109-5009    | 2    | Bushing-Suspension, Rubber            |
| 2:3  | 109-5010    | 2    | Spacer                                |
| 3    | 86-1990     | 6    | Washer                                |
| 4    | 99-5107     | 12   | Nut-Lock 1/2-13                       |
| 5    | 325-12      | 2    | Screw-HH 1/2-13 X 3                   |
| 6    | 325-17      | 1    | Screw-HH 1/2-13 X 4                   |
| 7    | 3233-34     | 3    | Bolt-Carriage 1/2-13 X 2 1/2          |
| 8    | 116-0818-03 | 2    | Support-Bearing, Cross Shaft Rear     |
| 9    | 109-7173    | 2    | Bearing-Cross, Rear Shaft             |
| 10   | 3231-4      | 2    | Bolt-Carriage 3/8-16 X 1 1/2          |
| 11   | 104-8301    | 12   | Nut-Nyloc 3/8-16 Flg                  |
| 12   | 109-9409    | 2    | Support-Cross Shaft, Bearing Front    |
| 13   | 109-9410    | 2    | Bearing-Shaft Front, Cross            |
| 14   | 116-1700    | 4    | Bolt-Carriage 1/2-13 X 2 1/2 Spl Neck |
| 15   | 109-9840    | 4    | Screw-Hex Flange 3/8-16 X .80         |

| Ref. | Part Number | Qty. | Description                      |
|------|-------------|------|----------------------------------|
| 16   | 109-7438    | 1    | Height-Of-Cut ASM                |
| 17   | 109-9065    | 1    | Screw-HH 7/16-14 X 2             |
| 18   | 3296-23     | 1    | Nut-Nyloc 1/2-13                 |
| 19   | 3231-2      | 2    | Bolt-Carriage 3/8-16 X 1         |
| 20   | 116-2217-03 | 1    | Cross Shaft Front ASM            |
| 21   | 116-0756    | 4    | Deck Lift Chain ASM              |
| 21:2 | 109-9065    | 1    | Screw-HH 7/16-14 X 2             |
| 21:3 | 32128-37    | 1    | Nut-Whizlock 7/16-14             |
| 22   | 116-0559    | 1    | Bolt-HH 1/2-13 X 4 Tap           |
| 23   | 32128-37    | 6    | Nut-Whizlock 7/16-14             |
| 24   | 109-9066    | 4    | Yoke-Adjust, Deck                |
| 25   | 3274-18     | 4    | Screw-Sh 5/16-18 X 1 1/4         |
| 26   | 3218-2      | 8    | Nut-Jam 5/16-18                  |
| 27   | 116-0459-03 | 1    | Lift-Deck, Rear                  |
| 29   | 116-0780    | 2    | Screw-Shoulder HHF 1/2-13 X 1.12 |
| 30   | 116-0797-03 | 1    | Link-Lift, Deck                  |
| 31   | 116-0000    | 1    | Extension Spring ASM             |
| 32   | 109-8757    | 1    | Pin-HOC                          |
| 33   | 116-1919-01 | 1    | Lever-Foot                       |
| 34   | 3256-28     | 2    | Washer-3/4 Sae                   |
| 35   | 92-7674     | 1    | Screw-Shcs 3/8-16 X 2.212        |
| 40   | 3231-5      | 4    | Bolt-Carriage 3/8-16 X 1 3/4     |



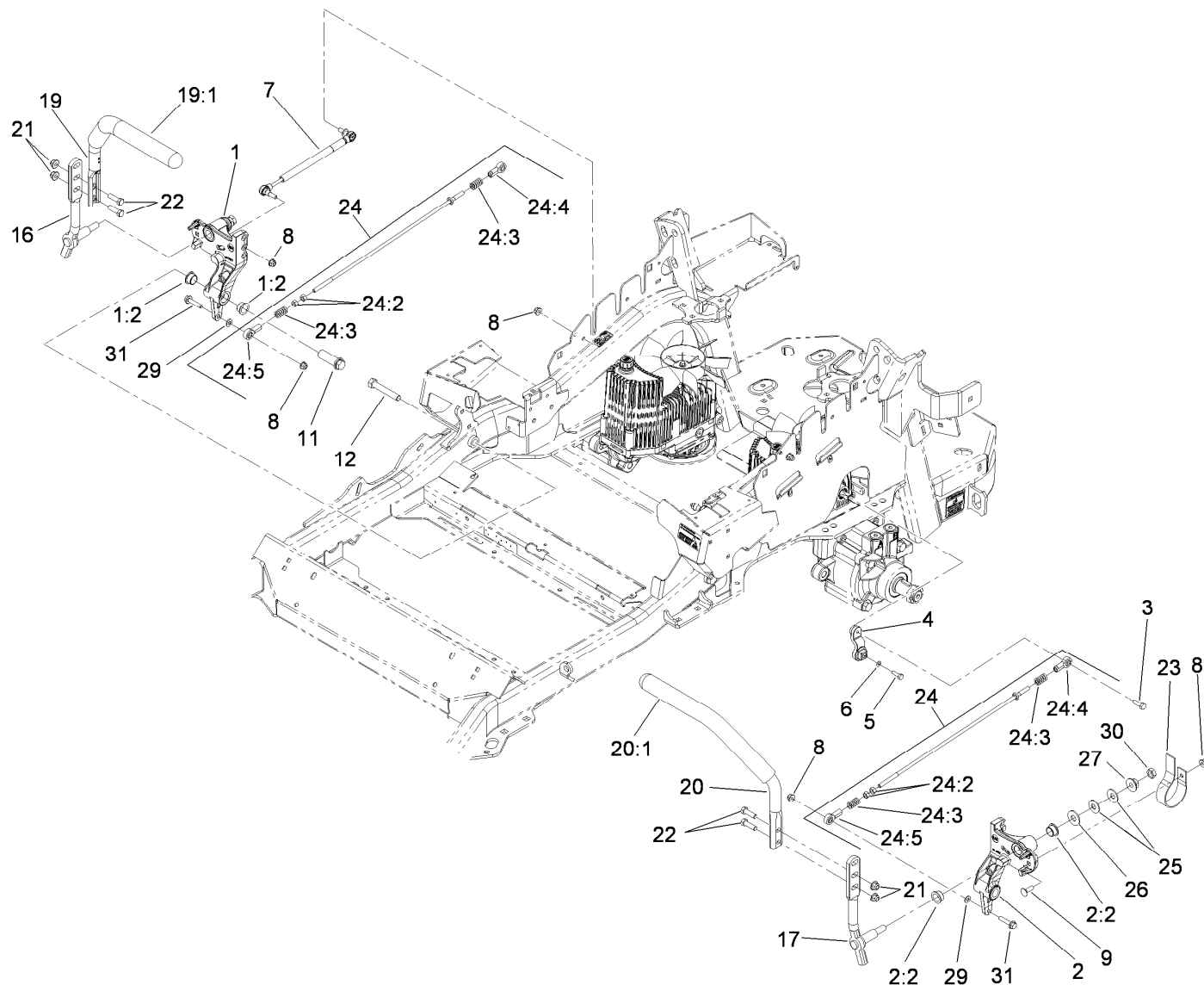
## Height-of-Cut Assembly No. 109-7438

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 62-1330     | 1    | Bolt-Shoulder       |
| 2    | 109-7130    | 1    | Grommet             |
| 3    | 104-8301    | 1    | Nut-Flange, NI      |
| 4    | 109-7124    | 1    | Spring-Extension    |
| 5    | 109-7128    | 1    | Rod-Lock, Transport |
| 6    | 116-0118    | 1    | Pawl-Transport, HOC |
| 7    | 109-7335    | 1    | HOC Plate ASM       |
| 7:2  | 116-0752    | 1    | Decal-HOC           |
| 8    | 109-8250    | 1    | Grip-Lever          |



## Controls Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 109-8484    | 1    | Console,Panel W/Decal      |
| 1:2  | 109-8483    | 1    | Decal-Control Panel        |
| 1:3  | 109-7330    | 1    | Decal-Fuse                 |
| 2    | 109-8167    | 1    | ASM, Choke Cable           |
| 3    | 116-1972    | 1    | ASM,Throttle Cable         |
| 4    | 1-807513    | 4    | Bolt-Carriage #10-24 X 1/2 |
| 5    | 3296-2      | 4    | Nut-Nyloc #10-24           |
| 7    | 32105-15    | 4    | Screw-Machine 1/4-20 X 3/4 |
| 8    | 116-1278    | 1    | Console,RH As ASM          |
| 8:2  | 107069      | 4    | Nut-Retainer-Panel 1/4-20  |
| 9    | 109-9457    | 1    | Console, LH As             |
| 10   | 105-1853    | 1    | Clamp-Hose                 |
| 11   | 116-1875    | 1    | Plug,Plastic               |

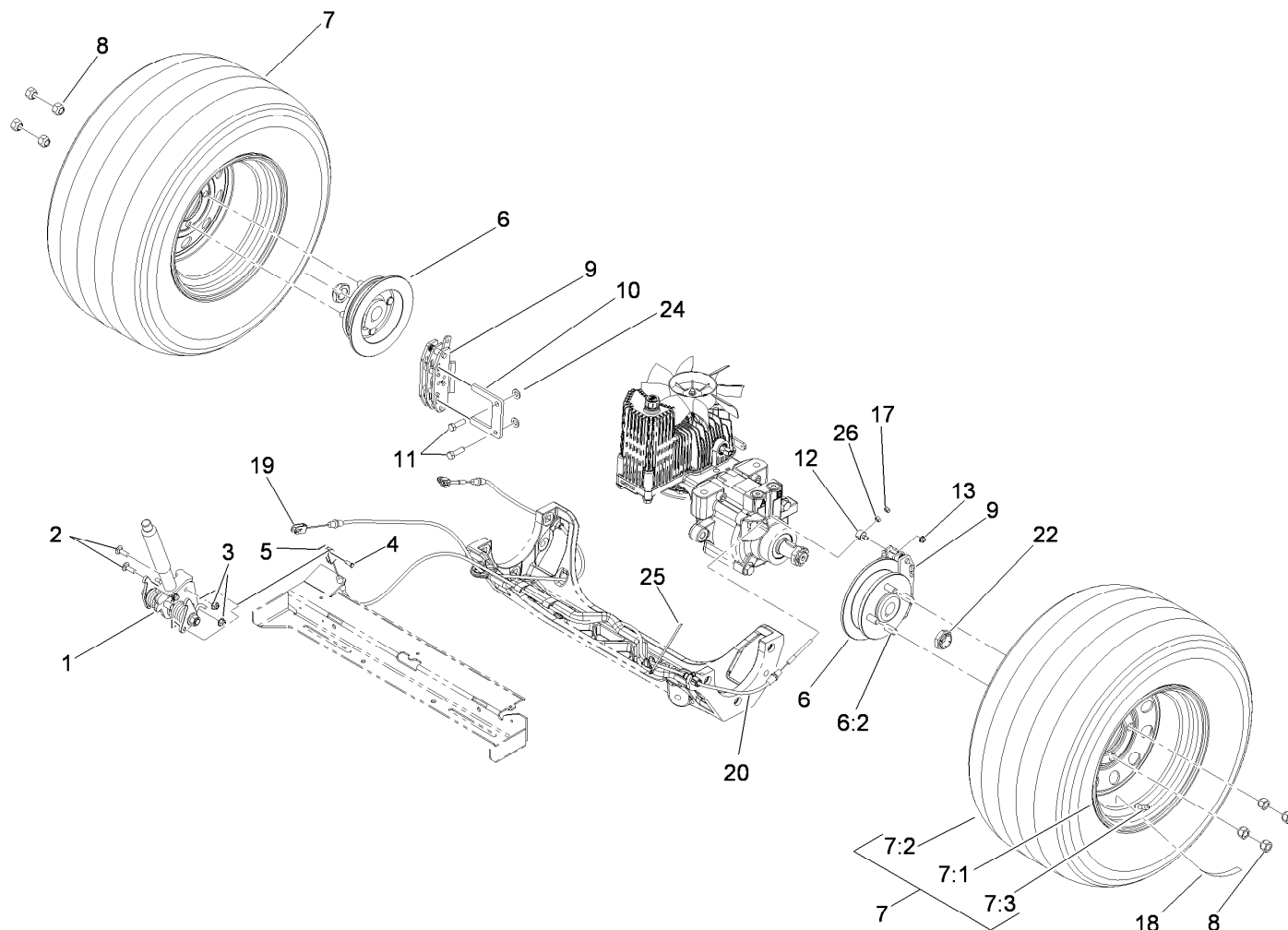


## Motion Control Assembly

| Ref. | Part Number | Qty. | Description                       |
|------|-------------|------|-----------------------------------|
| 1    | 116-0880    | 1    | RH Motion Control And Bushing ASM |
| 1:2  | 109-8054    | 4    | Bushing-Flanged                   |
| 2    | 116-0881    | 1    | LH Motion Control And Bushing ASM |
| 2:2  | 109-8054    | 4    | Bushing-Flanged                   |
| 3    | 116-0648    | 2    | Screw-HH 5/16-18 X 1 W/Patch ●    |
| 4    | 109-4581    | 2    | Arm-Control, Pump                 |
| 5    | 9080046     | 2    | Screw-HH 1/4-20 X 7/8 ●           |
| 6    | 1-303435    | 2    | Washer-Spring Disc 1/4            |
| 7    | 116-0027    | 2    | Damper-Control, Motion            |
| 8    | 104-8300    | 8    | Nut-Nyloc 5/16-18 Flg             |
| 9    | 3230-2      | 2    | Bolt-Carriage 5/16-18 X 1         |
| 11   | 109-5891    | 2    | Hub-Threaded                      |
| 12   | 325-12      | 2    | Screw-HH 1/2-13 X 3               |
| 16   | 116-0039    | 1    | Lever-Control Motion, RH          |
| 17   | 116-0040    | 1    | Lever-Control Motion, LH          |
| 19   | 109-6589    | 1    | ASM,Steering Handle RH            |

| Ref. | Part Number | Qty. | Description                      |
|------|-------------|------|----------------------------------|
| 19:1 | 109-5668    | 1    | Grip,Control Lever               |
| 20   | 109-6590    | 1    | ASM,Steering Handle LH           |
| 20:1 | 109-5668    | 1    | Grip,Control Lever               |
| 21   | 104-8301    | 4    | Nut-Nyloc 3/8-16 Flg             |
| 22   | 323-7       | 4    | Screw-HH 3/8-16 X 1 1/4          |
| 23   | 109-5575    | 2    | Spring-Leaf                      |
| 24   | 109-8106    | 2    | Front Pump Linkage ASM           |
| 24:2 | 3219-2      | 2    | Nut-Hex 5/16-24                  |
| 24:3 | 1-323245    | 2    | Spring-Compression               |
| 24:4 | 1-633152    | 1    | Balljoint                        |
| 24:5 | 1-543017    | 1    | Balljoint                        |
| 25   | 109-9505    | 4    | Washer-Spring                    |
| 26   | 3256-6      | 2    | Washer                           |
| 27   | 32128-56    | 2    | Nut-Hex 1/2-13 Flange            |
| 29   | 3256-23     | 2    | Washer-5/16 Sae                  |
| 30   | 3218-5      | 2    | Nut-Jam 1/2-13                   |
| 31   | 115-1794    | 2    | Screw-Hex Flange 5/16-18 X 1 1/2 |

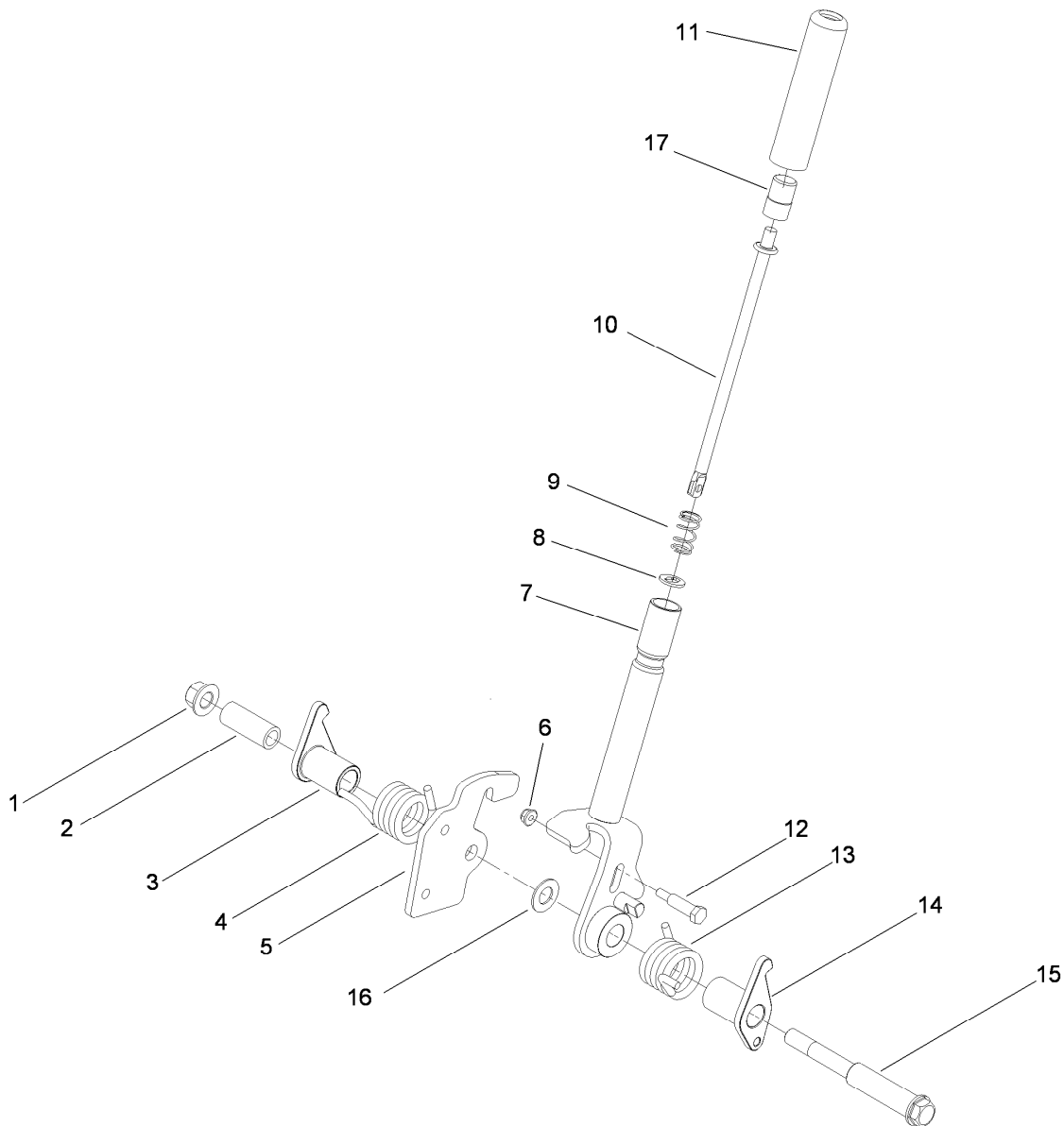
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



## Rear Wheel and Park Brake Assembly

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 1    | 116-1878    | 1    | Brake Handle ASM          |
| 2    | 3230-2      | 2    | Bolt-Carriage 5/16-18 X 1 |
| 3    | 104-8300    | 2    | Nut-Nyloc 5/16-18 Flg     |
| 4    | 60-1730     | 2    | Pin-Clevis                |
| 5    | 3272-1      | 2    | Pin-Cotter 1/16 X 1/2     |
| 6    | 116-1746    | 2    | Wheel Hub ASM             |
| 6:2  | 116-1696    | 4    | Stud-Wheel                |
| 7    | 109-8972    | 2    | Wheel And Tire ASM        |
| 7:1  | 1-633993    | 1    | Tire                      |
| 7:2  | 109-3156    | 1    | Rim ASM                   |
| 7:3  | 232-27      | 1    | Stem-Valve                |
| 8    | 242-50      | 8    | Nut-Lug 1/2-20            |
| 9    | 109-2889    | 2    | Caliper-Brake             |

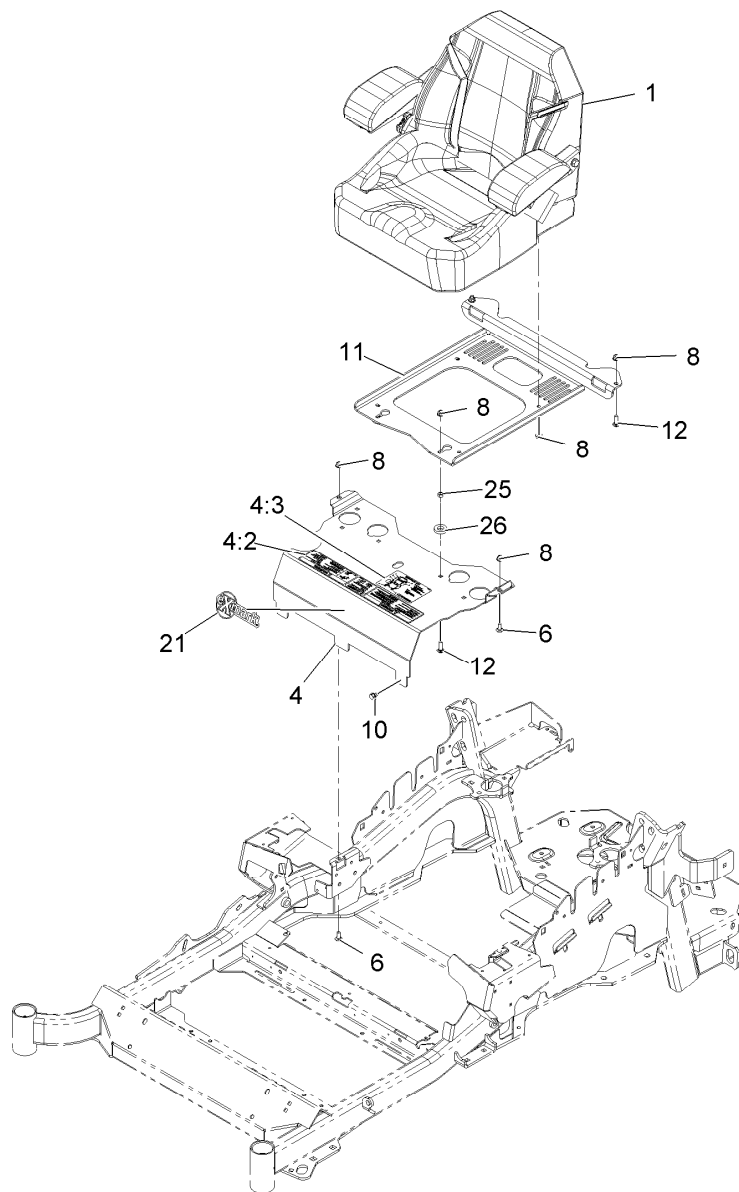
| Ref. | Part Number | Qty. | Description                           |
|------|-------------|------|---------------------------------------|
| 10   | 109-0958    | 2    | Plate-Mount, Brake                    |
| 11   | 92-5727     | 4    | Screw-HH 3/8-16 X 1 1/4<br>Patch Lock |
| 12   | 112-8379    | 2    | Swivel                                |
| 13   | 104-7201    | 2    | Nut-Nyloc 1/4-20 Flg                  |
| 17   | 3296-13     | 2    | Nut-Nyloc 1/4-28                      |
| 18   | 116-2643    | 2    | Decal-Wheel Nut Torque                |
| 19   | 115-3584    | 1    | Cable                                 |
| 20   | 115-3585    | 1    | Cable                                 |
| 22   | 116-1399    | 2    | Locknut, Wheel Motor                  |
| 24   | 3256-24     | 4    | Washer-3/8 Sae                        |
| 25   | 116-0940    | 1    | Tie-Cable                             |
| 26   | 3219-1      | 2    | Nut-Hex 1/4-28                        |



## Brake Handle Assembly No. 116-1878

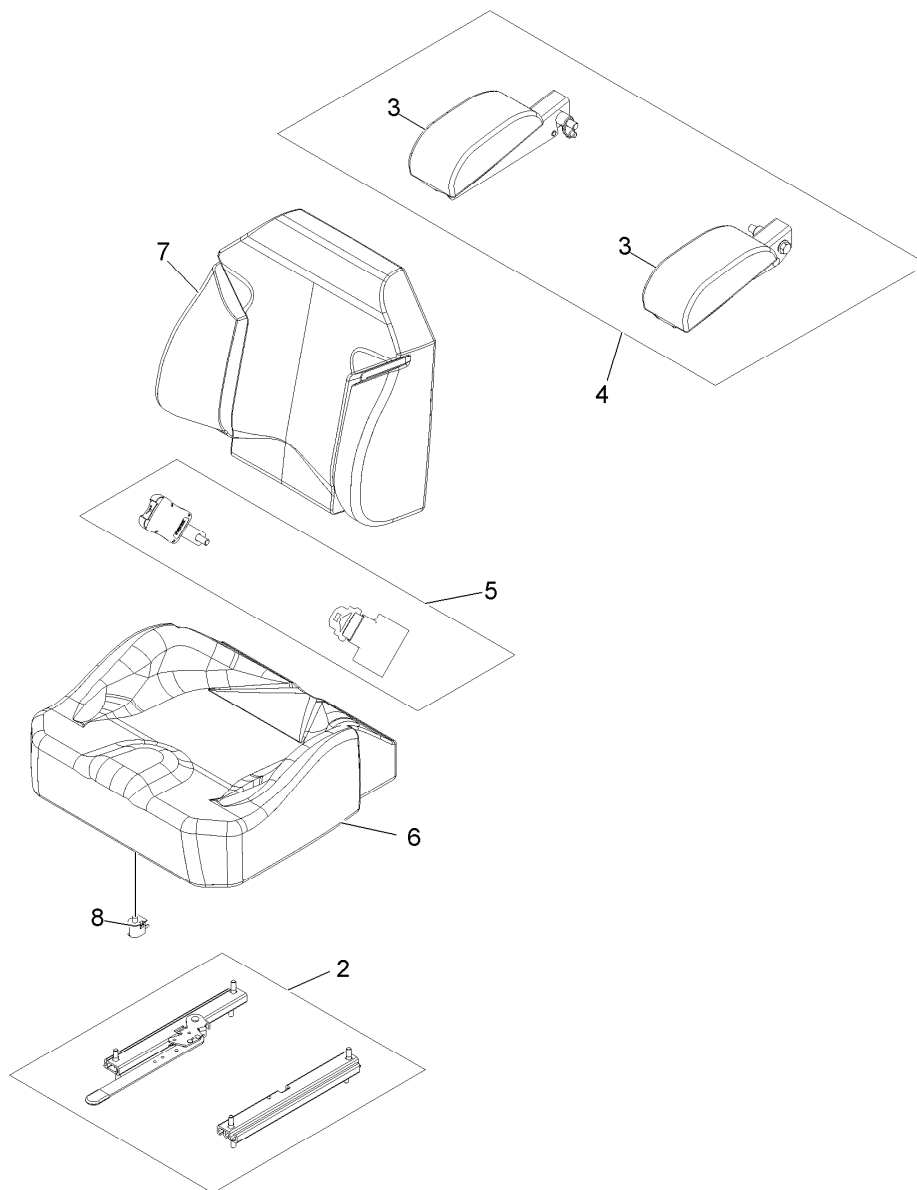
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 99-5107     | 1    | Nut-Lock           |
| 2    | 117-0380    | 1    | Spacer             |
| 3    | 115-3580    | 1    | Arm-Brake, LH      |
| 4    | 117-0376    | 1    | Spring-Torsion, RH |
| 5    | 115-3574    | 1    | Plate-Latch        |
| 6    | 104-7201    | 1    | Nut-HF             |
| 7    | 116-1876-03 | 1    | Brake Handle ASM   |
| 8    | 114-1207    | 1    | Washer-Special     |
| 9    | 114-8187    | 1    | Spring-Compression |

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 10   | 115-3581    | 1    | Rod-Release, Brake |
| 11   | 115-3592    | 1    | Grip               |
| 12   | 112-8387    | 1    | Bolt-Shoulder      |
| 13   | 117-0375    | 1    | Spring-Torsion, LH |
| 14   | 115-3579    | 1    | Arm-Brake, RH      |
| 15   | 117-0379    | 1    | Bolt-Shoulder      |
| 16   | 3256-26     | 1    | Washer-Flat        |
| 17   | 115-2750    | 1    | Knob               |



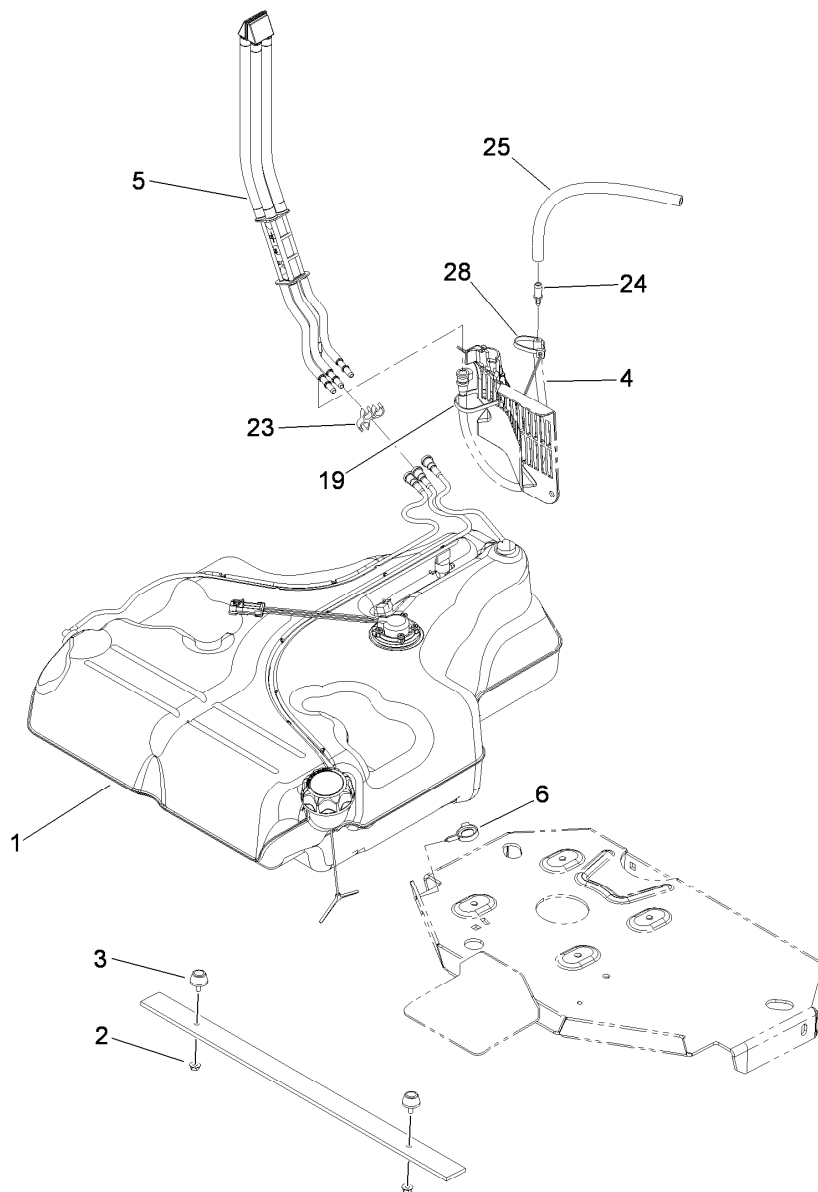
## Seat Assembly

| Ref. | Part Number | Qty. | Description                            |
|------|-------------|------|----------------------------------------|
| 1    | 116-4474    | 1    | Seat,Exmark Standard Service           |
| 4    | 116-2323    | 1    | Mount-Seat                             |
| 4:2  | 109-7069    | 1    | Decal-Console                          |
| 4:3  | 116-0211    | 1    | Decal-Service Aid                      |
| 6    | 3230-23     | 2    | Bolt-Carriage 5/16-18 X 3/4 Short Neck |
| 8    | 104-8300    | 10   | Nut-Nyloc 5/16-18 Flg                  |
| 10   | 9266934     | 2    | Screw-HWH 5/16 X 1/2 Tf                |
| 11   | 116-0192-03 | 1    | Plate,Seat Support As                  |
| 12   | 3230-22     | 4    | Bolt-Carriage 5/16-18 X 1 Sp           |
| 21   | 103-2883    | 1    | Decal,Exmark Logo                      |
| 25   | 3217-6      | 2    | Nut-Hex 5/16-18                        |
| 26   | 1-323539    | 2    | Spacer-Blade Drive                     |



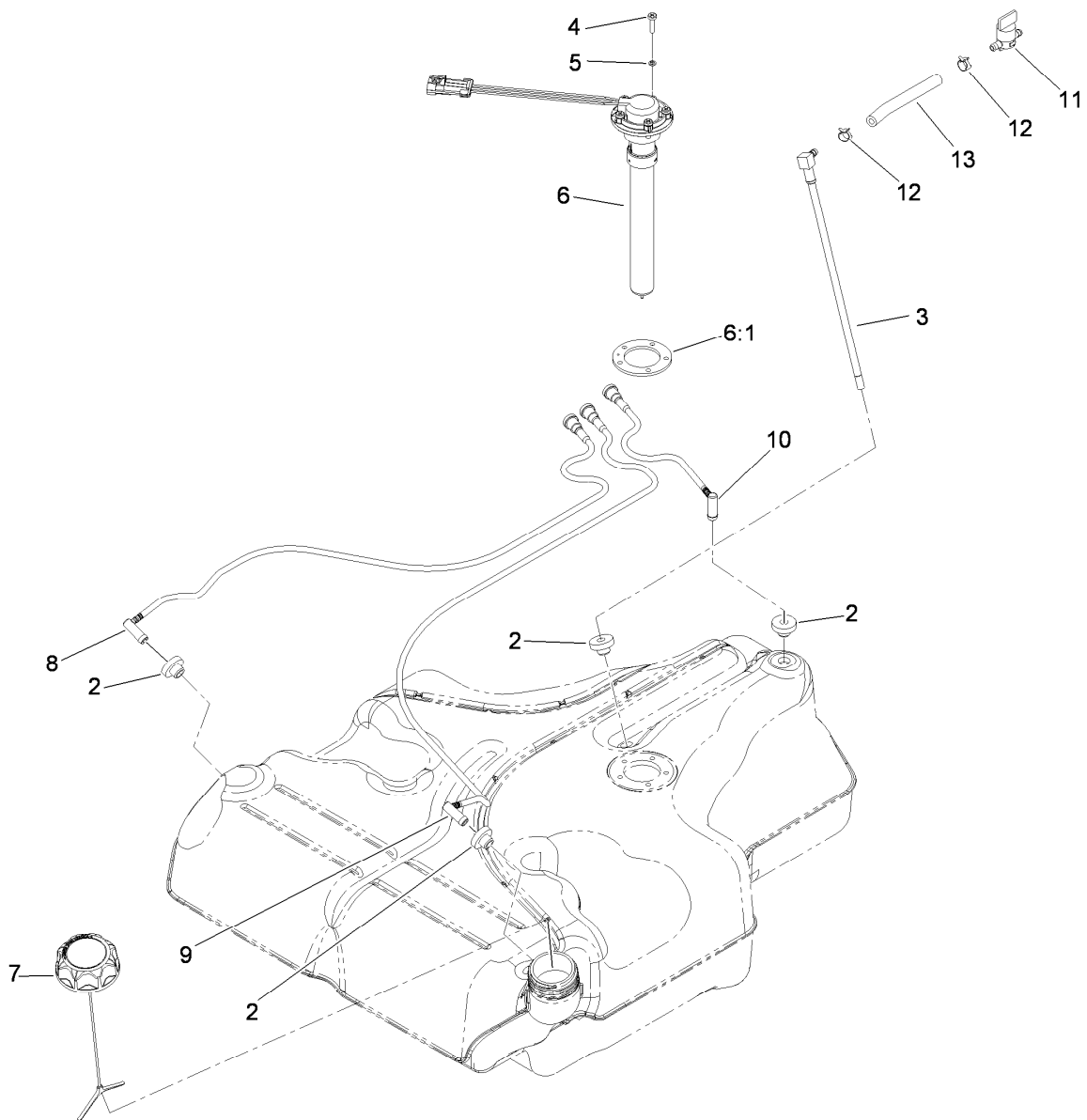
## Seat W/Tracks Assembly No. 116-4474

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 2    | 109-9801    | 1    | Seat Track Set   |
| 3    | 109-9802    | 1    | Arm Rest Pad Set |
| 4    | 109-9803    | 1    | Arm Rest Set     |
| 5    | 109-9805    | 1    | Seat Belt Kit    |
| 6    | 116-4925    | 1    | Cover,Cushion    |
| 7    | 116-4926    | 1    | Cover,Back       |
| 8    | 82-2190     | 1    | Switch           |



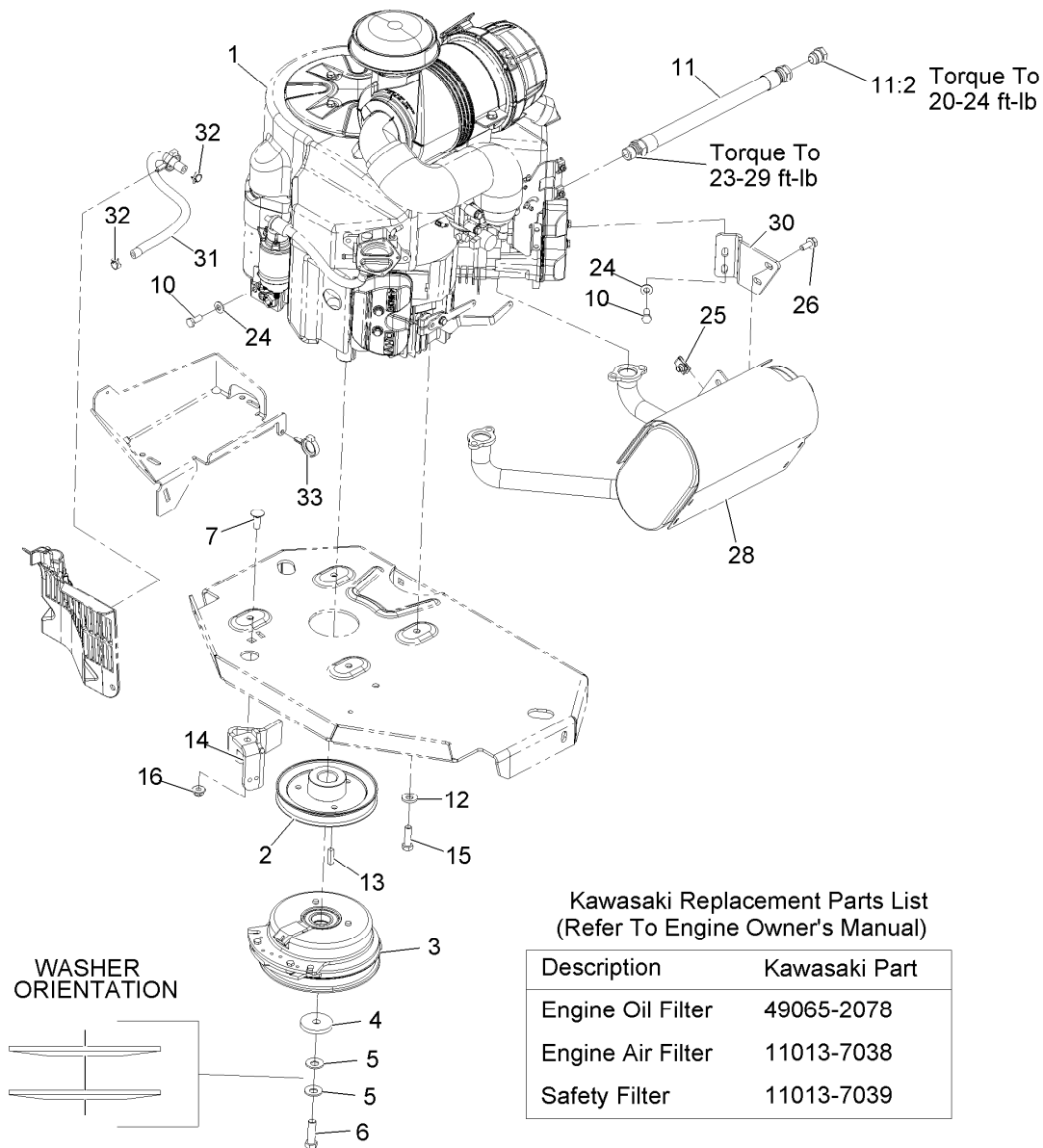
## Fuel Tank Mounting Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 116-3979    | 1    | Fuel Tank ASM              |
| 2    | 32128-33    | 2    | Nut-Whizlock 1/4-20        |
| 3    | 109-2365    | 2    | Rubber Bumper ASM (W/Stud) |
| 4    | 116-3977    | 1    | Hose ASM                   |
| 5    | 109-9491    | 1    | Fuel Manifold Vent ASM     |
| 6    | 105-1853    | 1    | Clamp-Hose                 |
| 19   | 1-303335    | 1    | Tie-Cable 7 15/16 (Large)  |
| 23   | 116-3370    | 1    | Clip-Spacer 1/2"           |
| 24   | 98-2952     | 1    | Fitting-Straight           |
| 25   | 116-4344    | 1    | Hose,Fuel                  |
| 28   | 1-303335    | 1    | Tie-Cable 7 15/16 (Large)  |



## Fuel Tank Assembly No. 116-3979

| Ref. | Part Number | Qty. | Description                       |
|------|-------------|------|-----------------------------------|
| 2    | 46-6560     | 4    | Bushing                           |
| 3    | 116-2459    | 1    | Fuel Line Kit (With Grommet)      |
| 4    | 9107944     | 5    | Screw-Pan 10-24 X 3/4             |
| 5    | 3253-17     | 5    | Washer-Lock 3/16                  |
| 6    | 116-0003    | 1    | Sender-Fuel Level                 |
| 6:1  | 109-9620    | 1    | Gasket-Sender, Fuel               |
| 7    | 116-1704    | 1    | Cap-Fuel, Ratcheting              |
| 8    | 116-2460    | 1    | RH Vent Line Kit (With Grommet)   |
| 9    | 116-2461    | 1    | LH Vent Line Kit (With Grommet)   |
| 10   | 116-2462    | 1    | Rear Vent Line Kit (With Grommet) |
| 11   | 1-603770    | 1    | Valve-Fuel                        |
| 12   | 2412-98     | 2    | Clamp-Hose                        |
| 13   | 109-0650    | 1    | Hose-Fuel                         |



## Engine Assembly

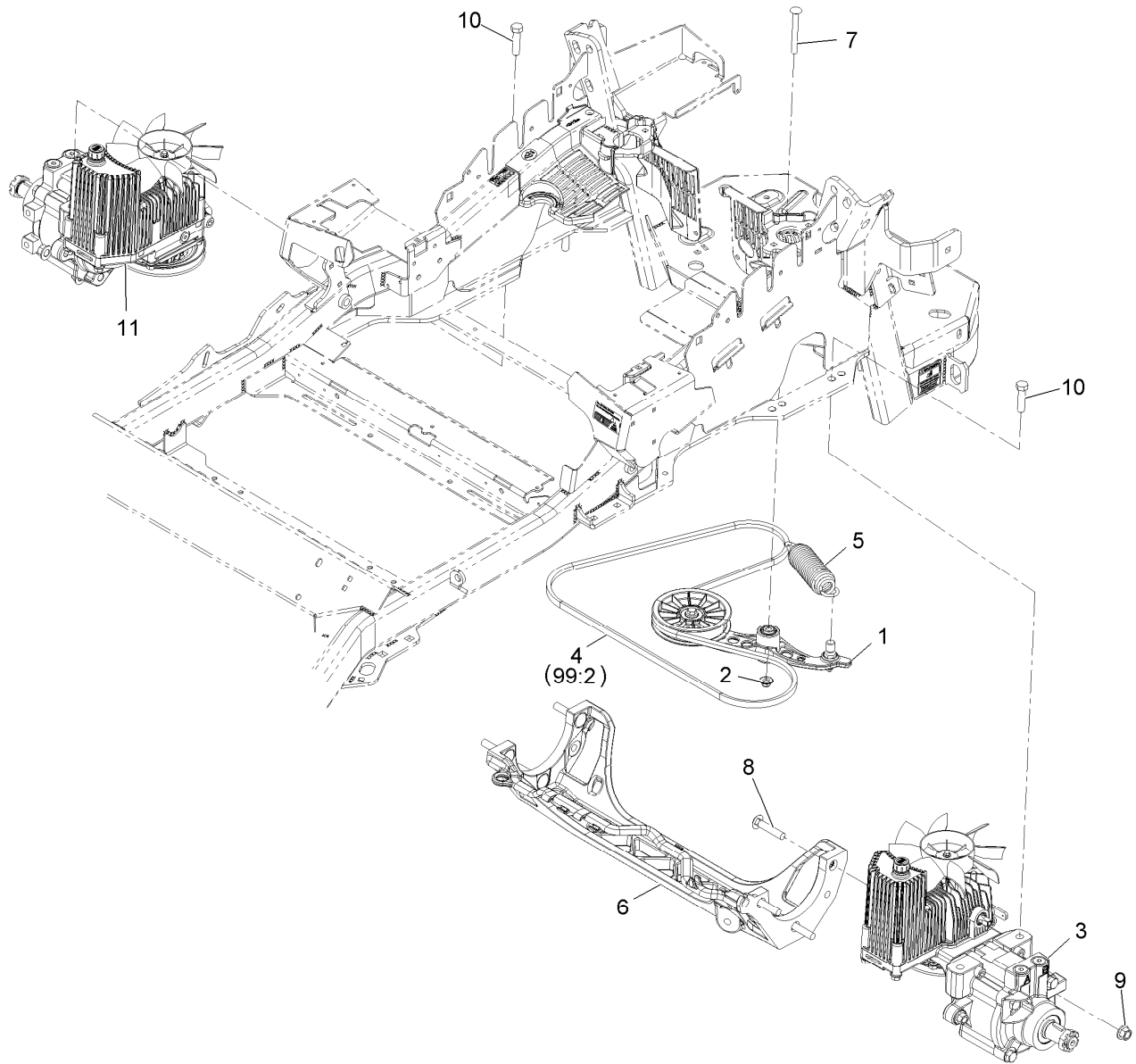
| Ref. | Part Number | Qty. | Description                          |
|------|-------------|------|--------------------------------------|
| 1    |             | 1    | Engine-Kawasaki, Fx801V-S04-R ●■     |
| 2    | 109-9905    | 1    | Sheave                               |
| 3    | 116-1620    | 1    | Clutch Kit                           |
| 4    | 109-6919    | 1    | Washer-Clutch                        |
| 5    | 1-603610    | 2    | Washer-Spring Disc 7/16              |
| 6    | 109-9761    | 1    | Screw-HH 7/16-20 X 1 1/2 W/Loctite ▲ |
| 7    | 3231-22     | 1    | Bolt-Carriage 3/8-16 X 1             |
| 10   | 33114-020   | 3    | Screw-HH M8-1.25 X 20Mm              |
| 11   | 109-4490    | 1    | Oil Drain Hose ASM                   |
| 11:2 | 109-1012    | 1    | Plug                                 |
| 12   | 98-5975     | 4    | Washer-Spring Disc 3/8               |

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 13   | 1-807259    | 1    | Key-Machine 1/4 X 1/4 X 1  |
| 14   | 116-2612-01 | 1    | Clutch-Anchor              |
| 15   | 323-7       | 4    | Screw-HH 3/8-16 X 1 1/4    |
| 16   | 104-8301    | 1    | Nut-Nyloc 3/8-16 Flg       |
| 24   | 1-303334    | 3    | Washer-Spring Disc 5/16    |
| 25   | 94-2413     | 2    | U-Nut                      |
| 26   | 3234-5      | 2    | Screw-HH Flg 5/16-18 X 3/4 |
| 28   | 116-1712    | 1    | Muffler                    |
| 30   | 116-0203    | 1    | Bracket-Muffler            |
| 31   | 109-0296    | 1    | Hose-Fuel Line 15"         |
| 32   | 2412-98     | 2    | Clamp-Hose                 |
| 33   | 105-1853    | 1    | Clamp-Hose                 |

● Not serviced separately

▲ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.

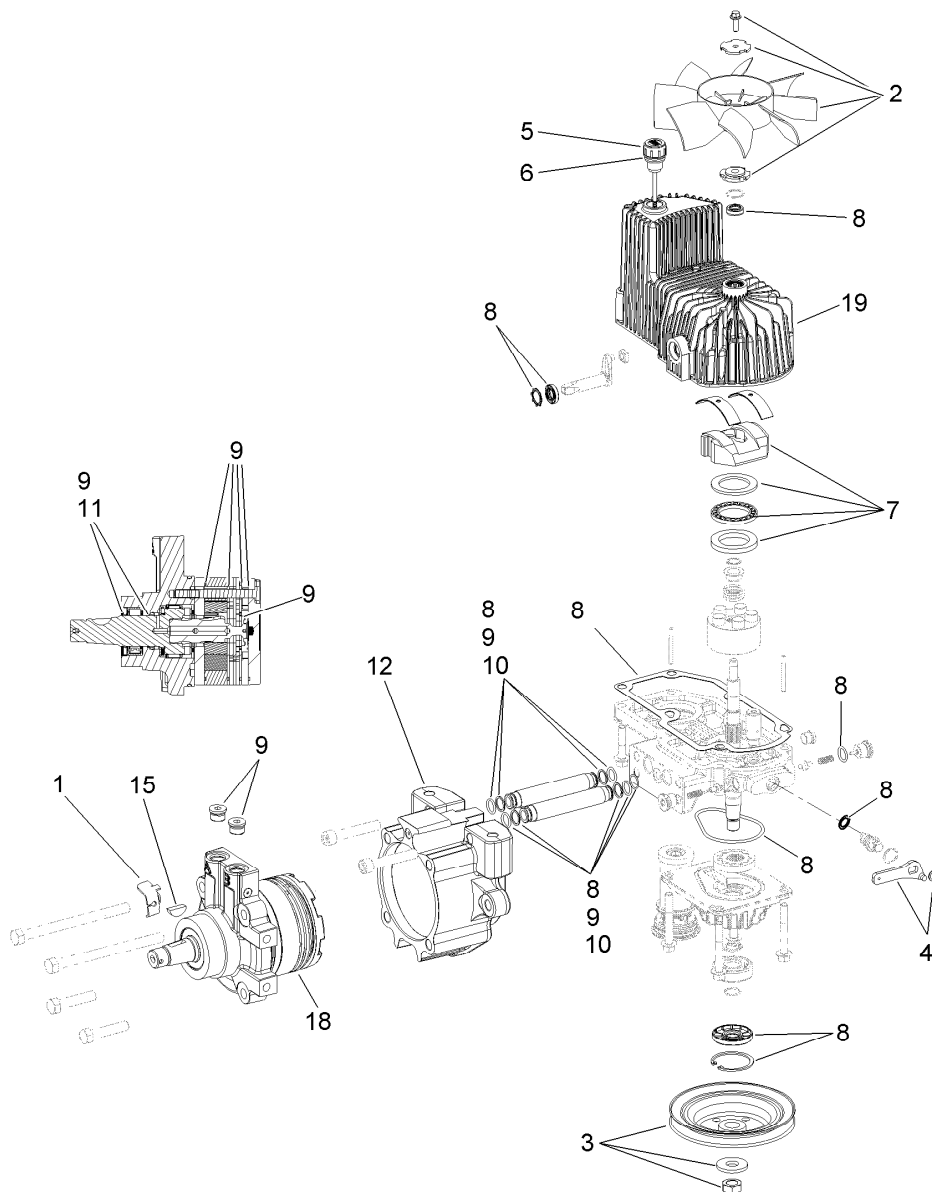
■ Obtain parts from [www.kawpowerepc.com](http://www.kawpowerepc.com)



## Hydraulic Assembly

| Ref. | Part Number | Qty. | Description                           | Ref. | Part Number | Qty. | Description                     |
|------|-------------|------|---------------------------------------|------|-------------|------|---------------------------------|
| 1    | 116-1255    | 1    | Pump Idler ASM                        | 10   | 325-8       | 4    | Screw-HH 1/2-13 X 1 1/4         |
| 2    | 109-6658    | 1    | Nut-Nyloc 3/8-16 Flg                  | 11   | 116-1325    | 1    | RH Hydro ASM (12Cc W/Shock)     |
| 3    | 116-1324    | 1    | LH Hydro ASM (12Cc W/Shock)           | 99   | 109-9828    | 1    | Bottle-Oil, 32Oz Hydraulic ●    |
| 4    | 109-3388    | 1    | Belt                                  | 99   | 116-0164    | 1    | Filter-Hydro ●                  |
| 5    | 116-0133    | 1    | Extension-Spring                      | 99   | 116-1218    | 1    | Bottle,Oil 1 Gallon Hydraulic ● |
| 6    | 109-9375    | 1    | Cradle-Hydro                          | 99   | 116-3270    | 1    | Kit, Hydro Service ●            |
| 7    | 116-1502    | 1    | Bolt-Carriage Shoulder 3/8-16 X 3 1/2 | 99:1 | 109-9828    | 4    | Bottle-Oil, 32Oz Hydraulic ●    |
| 8    | 3233-34     | 6    | Bolt-Carriage 1/2-13 X 2 1/2          | 99:2 | 109-3388    | 1    | Belt                            |
| 9    | 99-5107     | 6    | Nut-Lock 1/2-13                       | 99:3 | 116-0164    | 2    | Filter-Hydro ●                  |

● Not illustrated

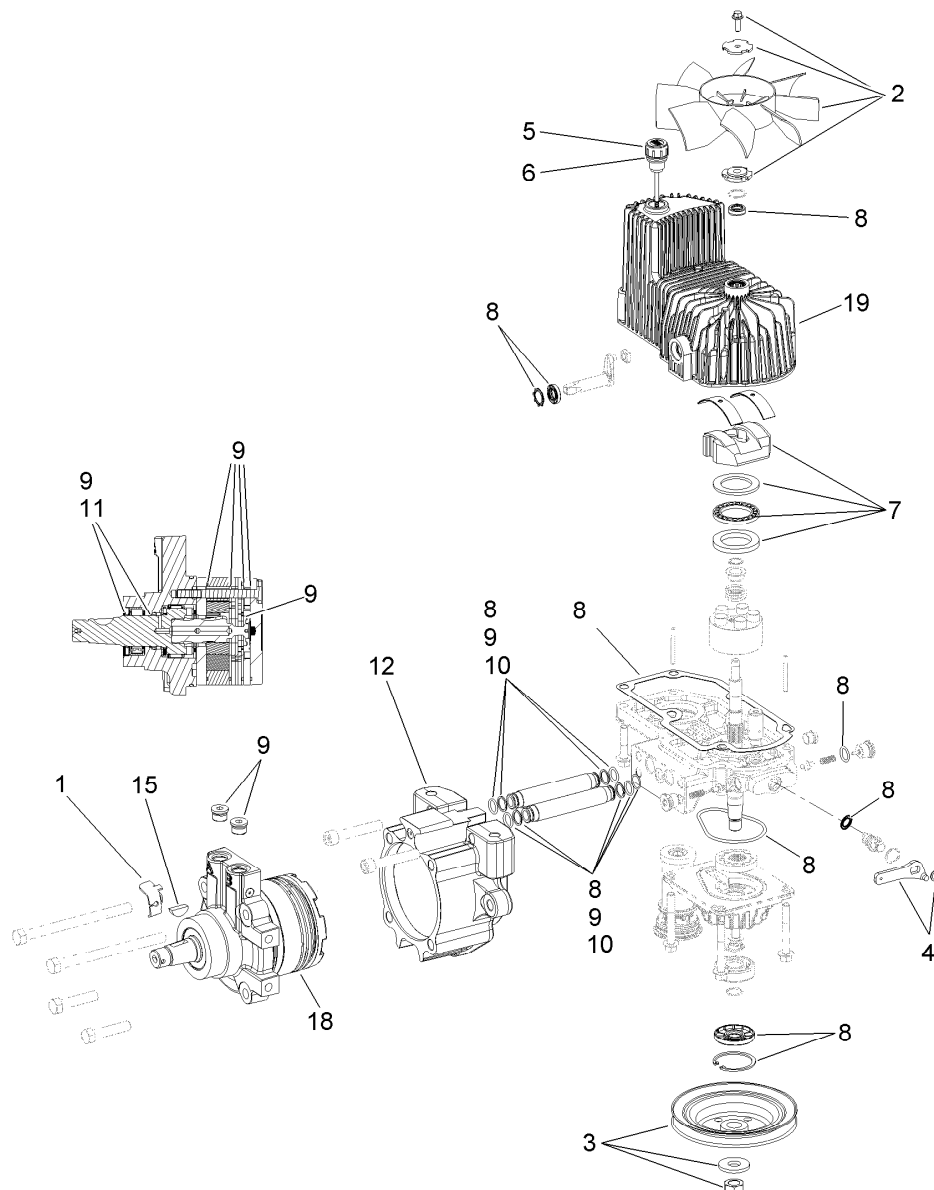


## LH Hydro Assembly No. 116-1324

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 116-1758    | 1    | Bracket-Anchor, Cable      |
| 2    | 116-0233    | 1    | Fan Kit                    |
| 3    | 116-0234    | 1    | Pulley Kit                 |
| 4    | 116-0235    | 1    | Handle-Bypass Valve, Hydro |
| 5    | 116-0236    | 1    | Dipstick-Hydro W/Gasket    |
| 6    | 116-0237    | 1    | Gasket-Dipstick, Hydro     |
| 7    | 116-1367    | 1    | Swash Block Kit            |
| 8    | 116-1368    | 1    | Pump Seal Kit              |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 9    | 116-1369    | 1    | Motor Seal Kit           |
| 10   | 116-1370    | 1    | Tube Seal Kit            |
| 11   | 116-1371    | 1    | Output Shaft Seal Kit    |
| 12   | 116-2992    | 1    | Cup-Nose Hydro Dry       |
| 15   | 3257-42     | 1    | Key-Woodruff 5/16 X 1    |
| 18   | 116-2988    | 1    | Motor-Wheel LH Dry 240Cc |
| 19   | 116-3287    | 1    | Housing-LH               |
| 99   | 116-1373    | 1    | Flow Test Kit ●          |

● Not illustrated

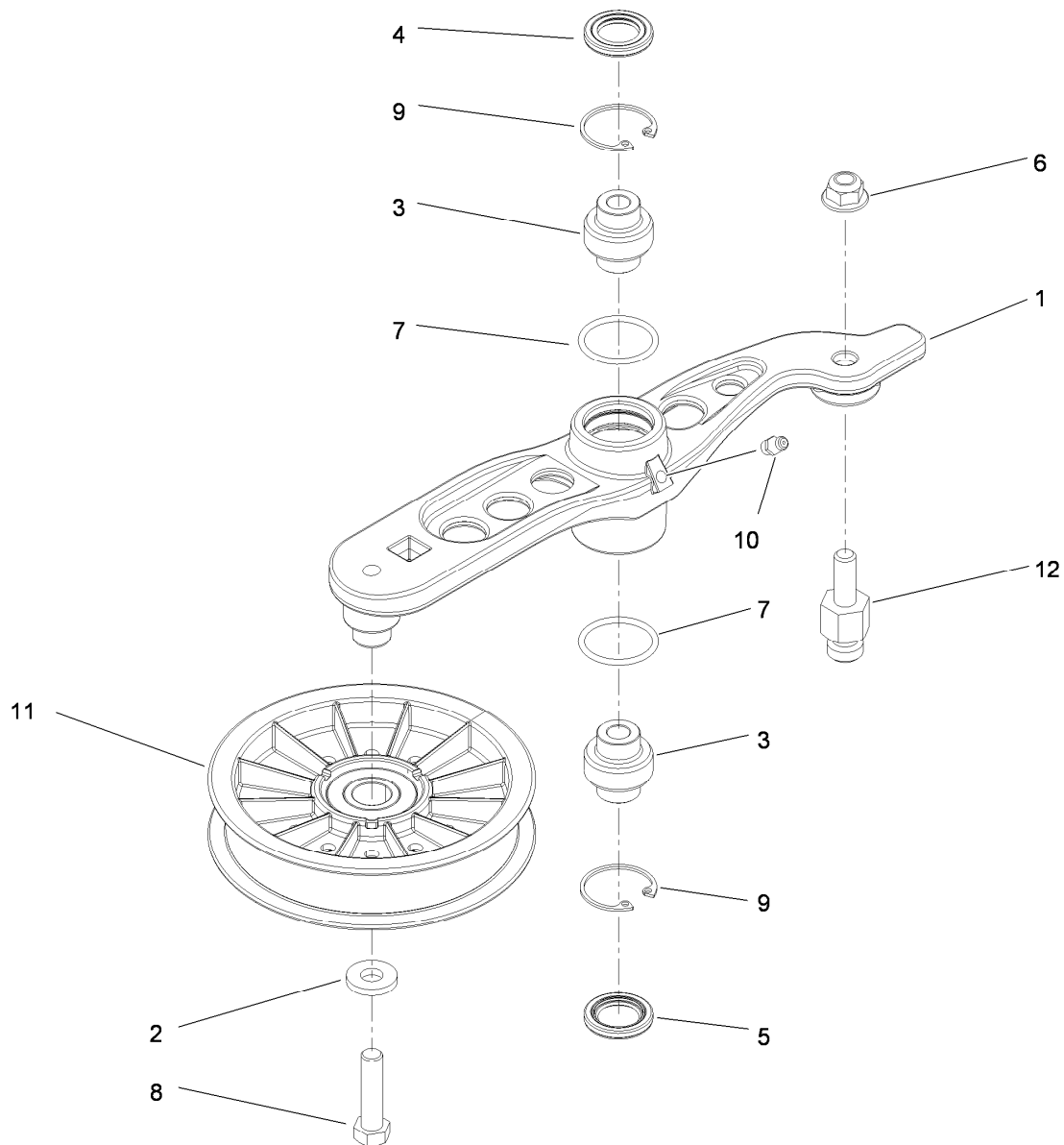


## RH Hydro Assembly No. 116-1325

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 116-1758    | 1    | Bracket-Anchor, Cable      |
| 2    | 116-0233    | 1    | Fan Kit                    |
| 3    | 116-0234    | 1    | Pulley Kit                 |
| 4    | 116-0235    | 1    | Handle-Bypass Valve, Hydro |
| 5    | 116-0236    | 1    | Dipstick-Hydro W/Gasket    |
| 6    | 116-0237    | 1    | Gasket-Dipstick, Hydro     |
| 7    | 116-1367    | 1    | Swash Block Kit            |
| 8    | 116-1368    | 1    | Pump Seal Kit              |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 9    | 116-1369    | 1    | Motor Seal Kit           |
| 10   | 116-1370    | 1    | Tube Seal Kit            |
| 11   | 116-1371    | 1    | Output Shaft Seal Kit    |
| 12   | 116-2992    | 1    | Cup-Nose Hydro Dry       |
| 15   | 3257-42     | 1    | Key-Woodruff 5/16 X 1    |
| 18   | 116-2989    | 1    | Motor-Wheel RH Dry 240Cc |
| 19   | 116-3288    | 1    | Housing-RH               |
| 99   | 116-1373    | 1    | Flow Test Kit ●          |

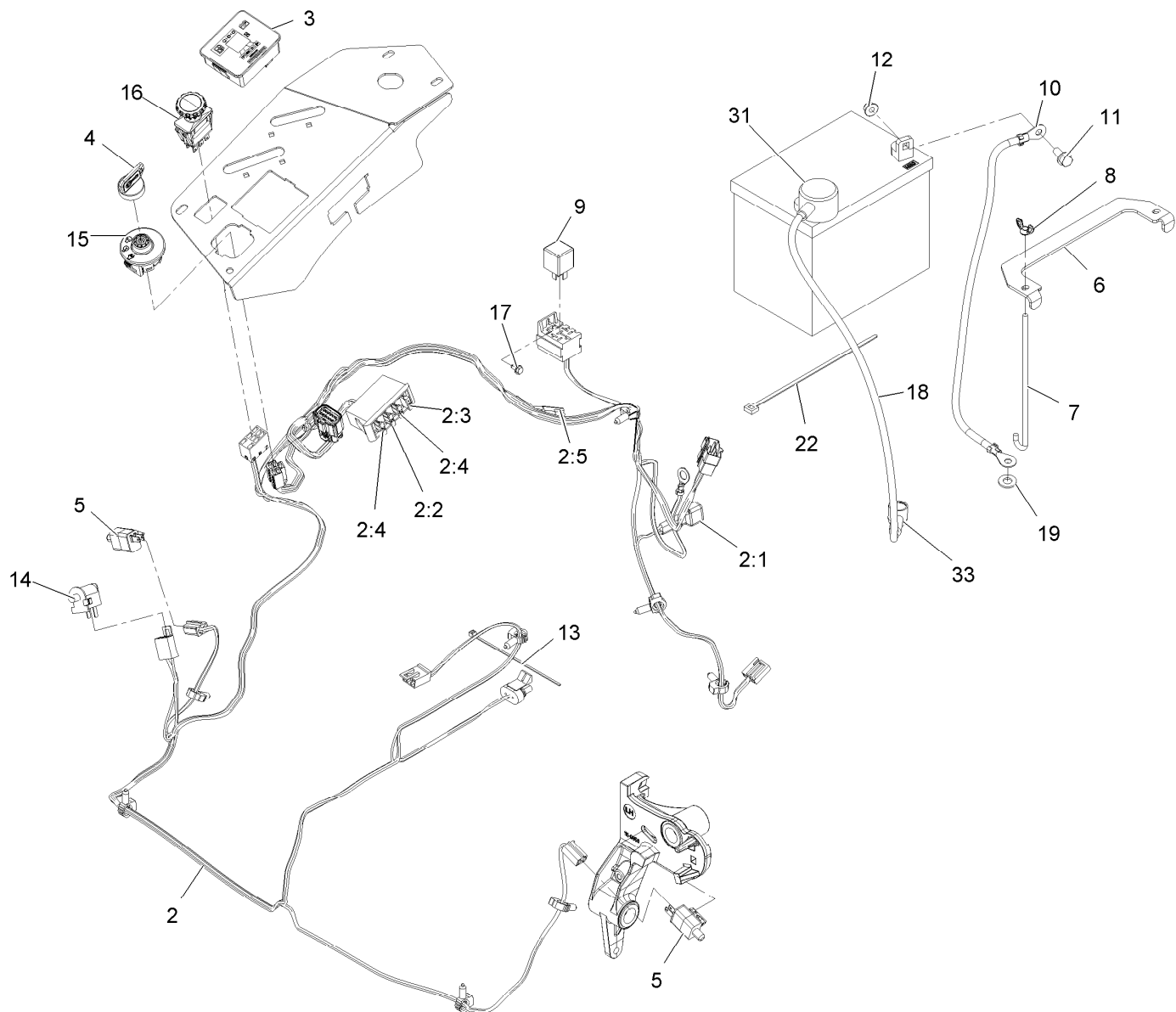
● Not illustrated



## Pump Idler Assembly No. 116-1255

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    |             | 1    | Arm-Pump, Idler ●       |
| 2    | 43-0940     | 1    | Spacer-Hub, Blower      |
| 3    | 103-3504    | 2    | Bearing-Spherical       |
| 4    | 103-3505    | 1    | Seal-Double Lip         |
| 5    | 103-3506    | 1    | Seal-Single Lip         |
| 6    | 109-6658    | 1    | Nut-Nyloc 3/8-16 Flg    |
| 7    | 106-7159    | 2    | O-Ring                  |
| 8    | 323-8       | 1    | Screw-HH 3/8-16 X 1 1/2 |
| 9    | 32120-10    | 2    | Ring-Retaining          |
| 10   | 302-19      | 1    | Zerk-1/4-28 Str         |
| 11   | 109-8076    | 1    | Pulley-Idler            |
| 12   | 116-3467    | 1    | Pin, Spring Anchor      |

● Not serviced separately



## Electrical Assembly

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 2    | 115-2796    | 1    | Harness-Wire, Main ●    |
| 2:1  | 103-3895    | 1    | Diode-Tvs               |
| 2:2  | 218-578     | 1    | Fuse-Blade, 10 Amp      |
| 2:3  | 109355      | 1    | Fuse-Blade, 15 Amp      |
| 2:4  | 109102      | 2    | Fuse-Blade, 25 Amp      |
| 2:5  | 116-0053    | 1    | Cap-Plug                |
| 3    | 117-3882    | 1    | Fuel/Hour Meter ASM     |
| 4    | 1-603511    | 1    | Key-Ignition            |
| 4    | 103-2106    | 1    | Key-Exmark Logo         |
| 5    | 110-6765    | 2    | Switch-Single Pole No   |
| 6    | 116-0042-03 | 1    | Strap-Tie Down, Battery |
| 7    | 1-633651    | 2    | Bolt-Holddown           |
| 8    | 1-543792    | 2    | Wingnut-Nyloc 1/4-20    |
| 9    | 1-643275    | 1    | Relay-12Vdc 40 Amp      |

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 10   | 114-1218    | 1    | Cable-Battery, Negative    |
| 11   | 3234-5      | 2    | Screw-HH Flg 5/16-18 X 3/4 |
| 12   | 104-8300    | 2    | Nut-Nyloc 5/16-18 Flg      |
| 13   | 1-303287    | 3    | Tie-Cable 5 1/2 (Small)    |
| 14   | 82-2190     | 1    | Switch                     |
| 15   | 117-2221    | 1    | Switch-Ignition            |
| 16   | 116-0124    | 1    | Switch-PTO, 10A            |
| 17   | 104-2065    | 1    | Screw-HWH #10-24 X 3/8     |
| 18   | 115-3864    | 1    | Cable-Battery, Positive    |
| 19   | 3256-24     | 1    | Washer-3/8 Sae             |
| 22   | 1-303335    | 1    | Tie-Cable 7 15/16 (Large)  |
| 31   | 109-2407    | 1    | Insulator-Battery          |
| 33   | 1-543393    | 1    | Insulator-Solenoid         |

● Use dielectric grease on all wiring harness connectors.

**Notes:**

**Notes:**

**Notes:**

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Both SAE 30 and SAE 10W-30 in one bottle.

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| FULL SUSPENSION SEAT               | ROLL OVER PROTECTION SYSTEM (ROPS) |
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| HITCH KIT                          | TRASH CONTAINER                    |
| LIGHT KIT                          | TURF STRIPER                       |
| 12V POWER PORT                     | ULTRA VAC COLLECTION SYSTEM        |
| MICRO-MULCH SYSTEM                 | ULTRA VAC QUICK DISPOSAL SYSTEM    |

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| FLOOR PAN EXTENDER                 | SUN SHADE                       |
| HITCH KIT                          | TRASH CONTAINER                 |
| LIGHT KIT                          | ULTRA VAC COLLECTION SYSTEM     |
| MICRO-MULCH SYSTEM                 | ULTRA VAC QUICK DISPOSAL SYSTEM |
| ROLL OVER PROTECTION SYSTEM (ROPS) | WEATHER CAB                     |

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