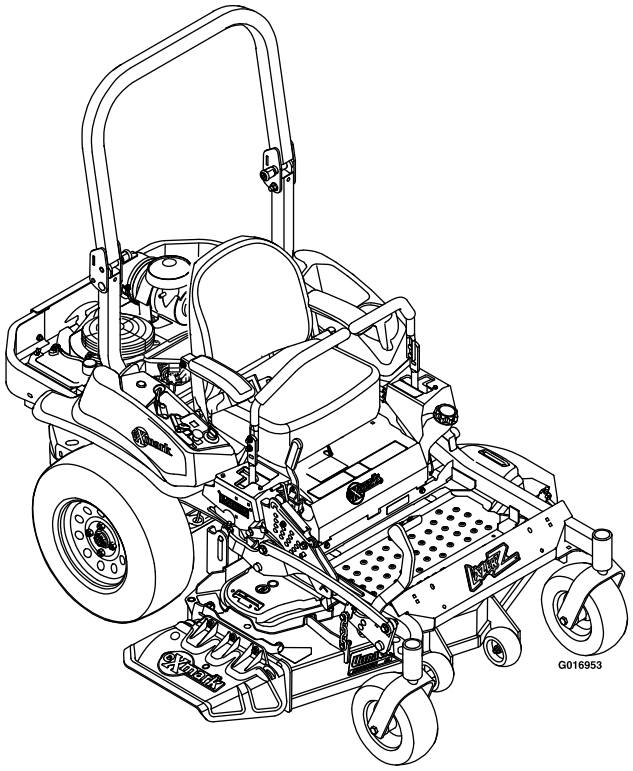
# Parts Manual

# LAZER Z® E-SERIES

**Model No. LZE691KA524—Serial No. 313000000 and Up**

**Picture below may not reflect actual product.**




Part No. 4501-392 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:** 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

# 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).

**© 2012—Exmark Mfg. Co., Inc.**
**Industrial Park Box 808**
**Beatrice, NE 68310**



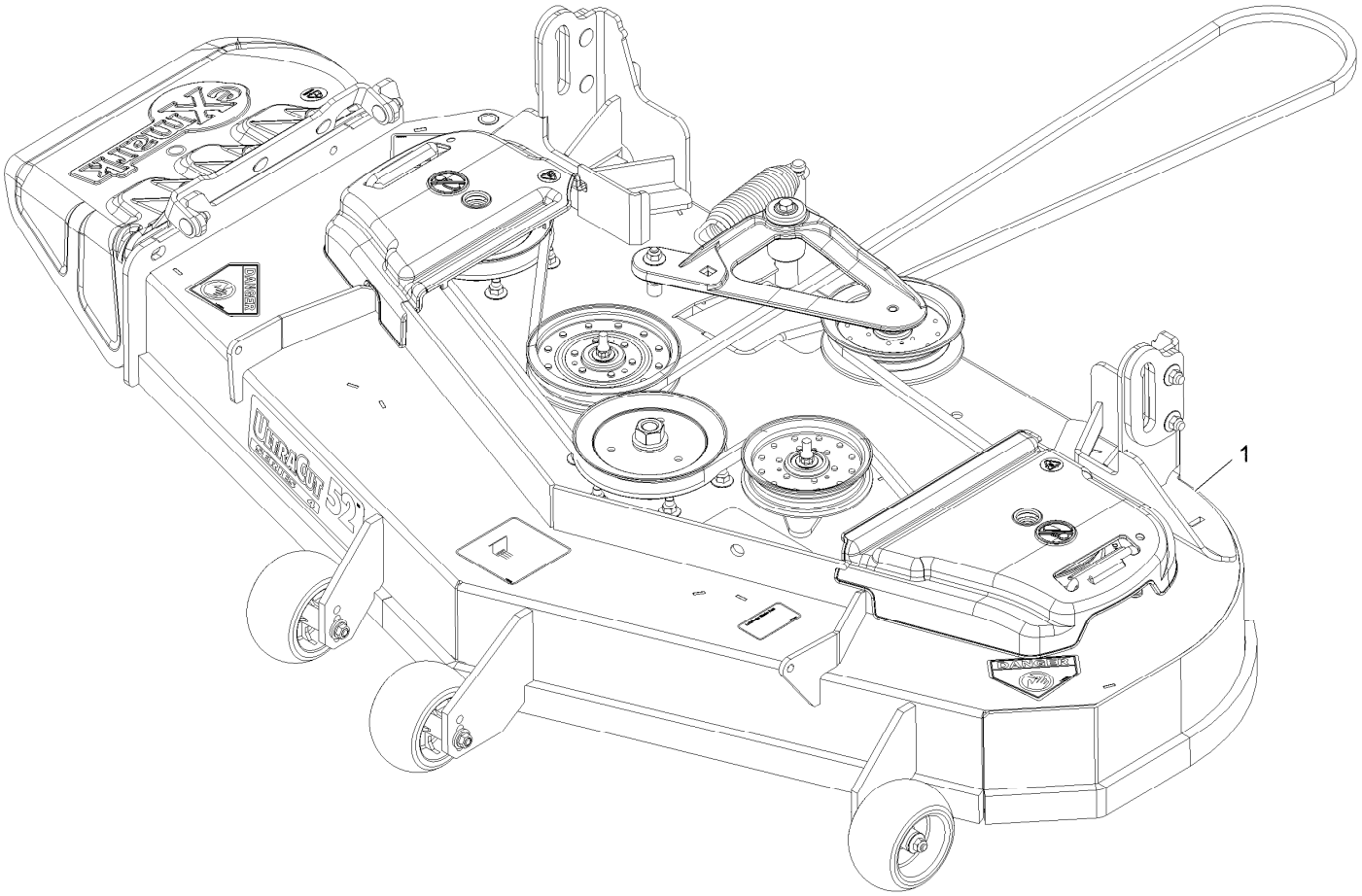
**Contact us at www.Exmark.com.**
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If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark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

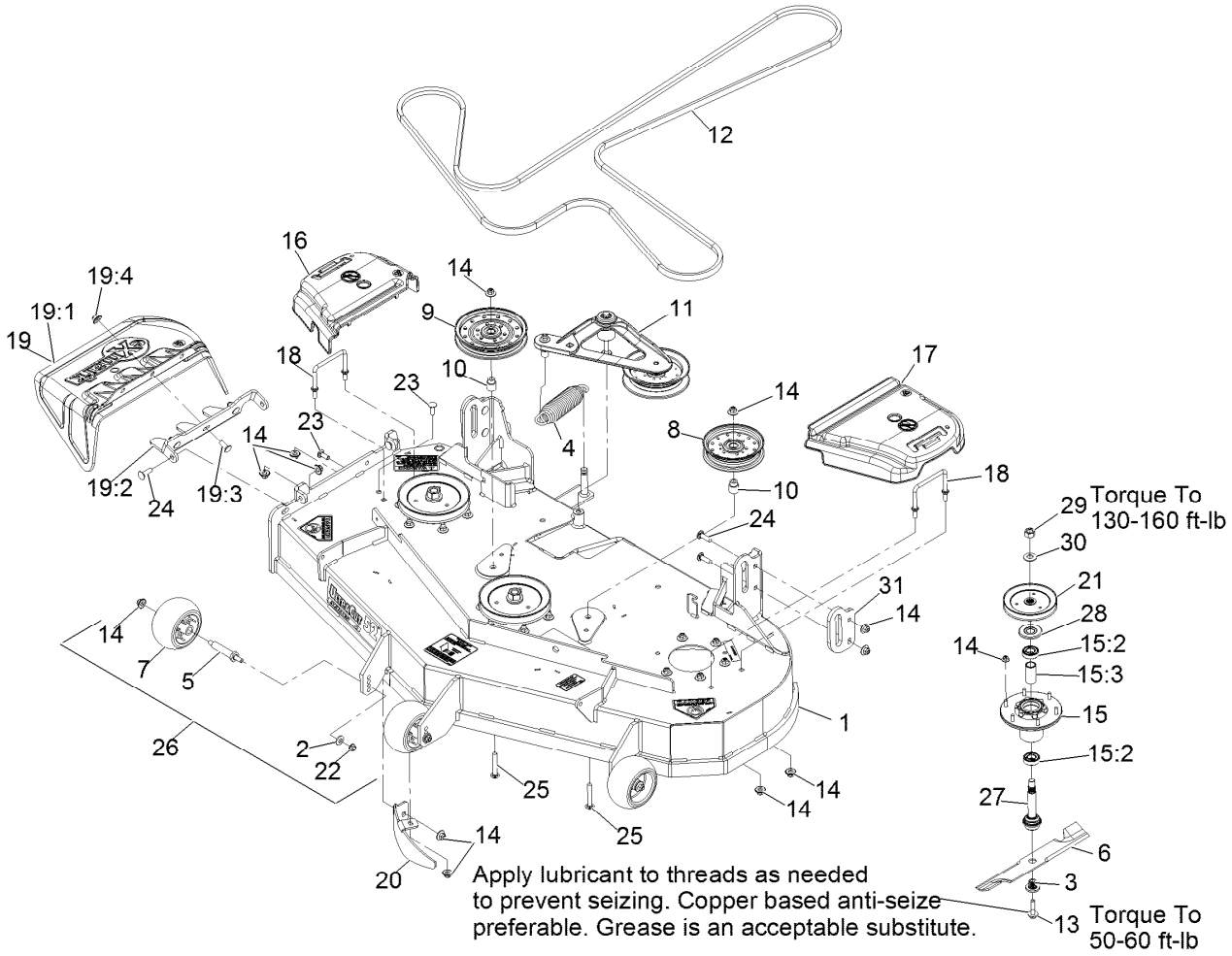
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# Complete Deck Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 116-8145 | 1 | ASM-Deck Complete 524 |

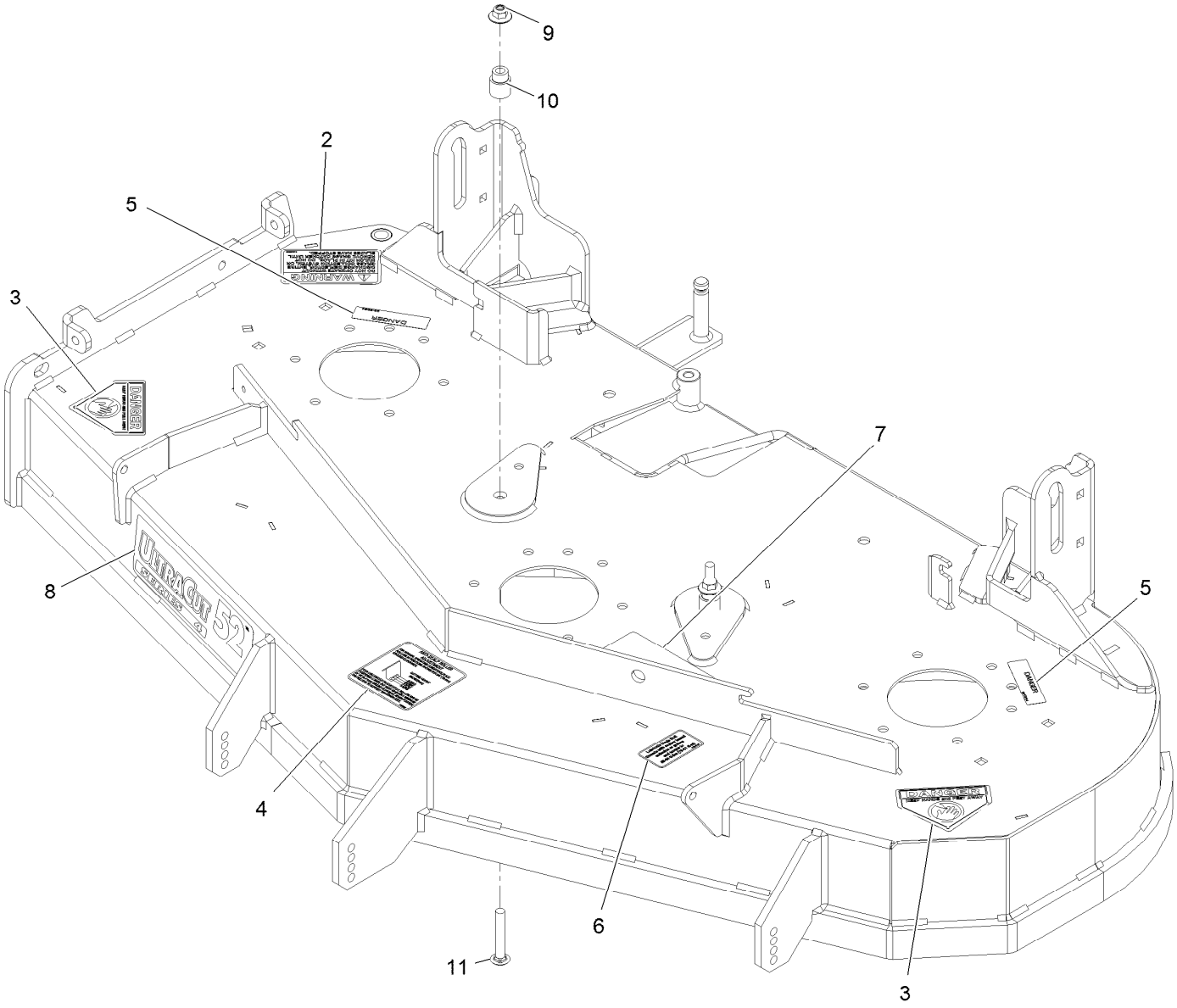



# Deck Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 116-8512 | 1 | ASM, Deck W/Decals 524 |
| 2 | 98-5975 | 3 | Washer-Spring Disc 3/8 |
| 3 | 103-3037 | 3 | Bushing,Splined |
| 4 | 116-6317 | 1 | Spring-Extension |
| 5 | 99-2842 | 3 | Spacer |
| 6 | 103-6392 | 3 | Blade, Mulch 18.0 (.94 Hole) ● |
| 6 | 103-6382 | 3 | Blade, Solid 18.0 (.94 Hole) |
| 6 | 116-5175 | 3 | Blade-Extreme 2, 18.00" |
| 6 | 103-6387 | 3 | Blade, Low Lift 18.0 (.94 Hole) |
| 6 | 103-6402 | 3 | Blade-Notched |
| 7 | 1-603299 | 3 | Roller-Scalp, Anti |
| 8 | 116-4665 | 1 | Idler-Pulley, Flat |
| 9 | 116-4667 | 1 | Idler-Pulley, Flat |
| 10 | 1-633456 | 2 | Bushing,Idler |
| 11 | 116-3755 | 1 | Deck Idler ASM |
| 12 | 109-4994 | 1 | Belt,V-B X 186.00" |
| 13 | 109-9220 | 3 | Screw-Sems 1/2-20 X 2.19 |
| 14 | 109-6658 | 35 | Nut-Nyloc 3/8-16 Flg |
| 15 | 116-3344 | 3 | ASM-Cutter Hsg With Bearings |

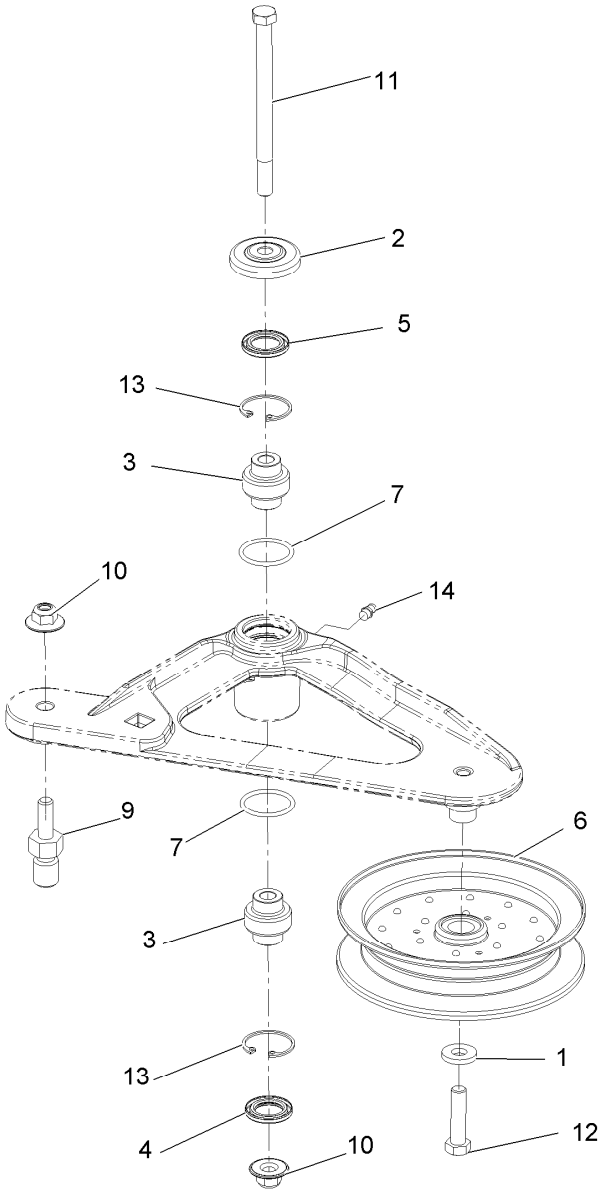
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 15:2 | 116-0720 | 2 | Bearing-Ball |
| 15:3 | 116-3312 | 1 | Spacer-Bearing |
| 16 | 109-6935 | 1 | Cover-Belt, RH |
| 17 | 109-6936 | 1 | Cover-Belt, LH |
| 18 | 109-6982 | 2 | Wireform-Cover |
| 19 | 109-7188 | 1 | ASM,Discharge Chute |
| 19:1 | 109-2738 | 1 | Chute,Discharge |
| 19:2 | 109-8675-01 | 1 | Bracket,Discharge Chute |
| 19:3 | 3231-22 | 3 | Bolt-Carriage 3/8-16 X 1 |
| 19:4 | 109-6658 | 3 | Nut-Nyloc 3/8-16 Flg |
| 20 | 116-5835-01 | 1 | Baffle-Dogleg, Lze-Pns-52 |
| 21 | 116-0675 | 3 | Sheave,Blade Drive 6.50 |
| 22 | 3290-357 | 3 | Nut-Whizlock 3/8-16 |
| 23 | 3231-22 | 2 | Bolt-Carriage 3/8-16 X 1 |
| 24 | 3231-28 | 6 | Bolt-Carriage 3/8-16 X 1 1/4 |
| 25 | 3231-44 | 2 | Bolt-Carriage 3/8-16 X 2 1/2 |
| 26 | 103-4051 | 3 | Kit,Anti-Scalp Roller |
| 27 | 116-3341 | 3 | ASM-Spindle And Seal |
| 28 | 116-1286 | 3 | Guard,Bearing Top .989 |
| 29 | 116-7306 | 3 | Nut-Hex |
| 30 | 103-2802 | 3 | Washer-Spring Disc 3/4 |
| 31 | 116-8530-01 | 2 | Plate-Reinf, Push Tower |

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



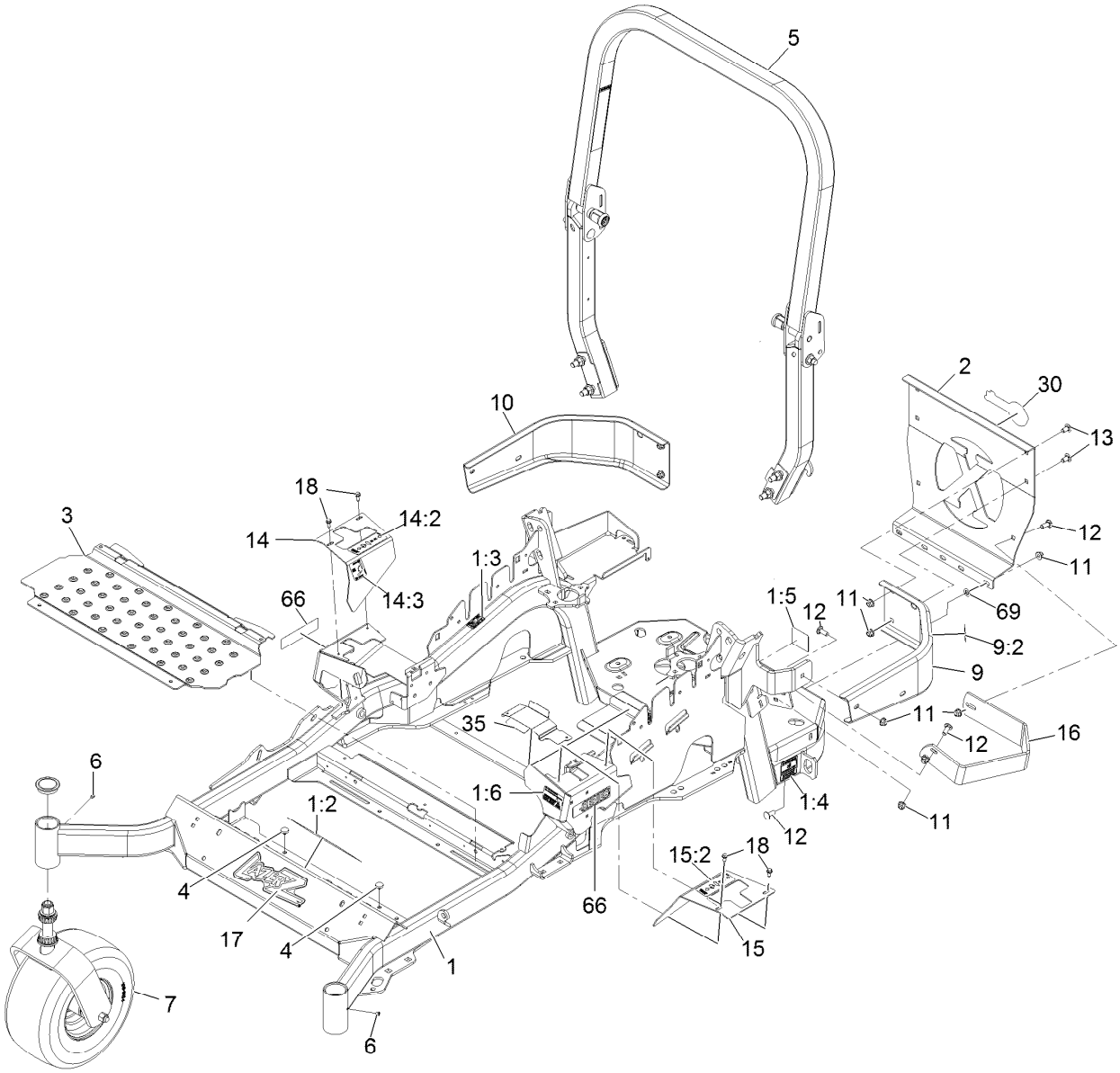

# Deck W/Decals Assembly No. 116-8512

| *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 | 116-0034 | 1 | Decal,Ultracut 52 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 |
| 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 | 116-4668 | 1 | Idler-Pulley, 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 |

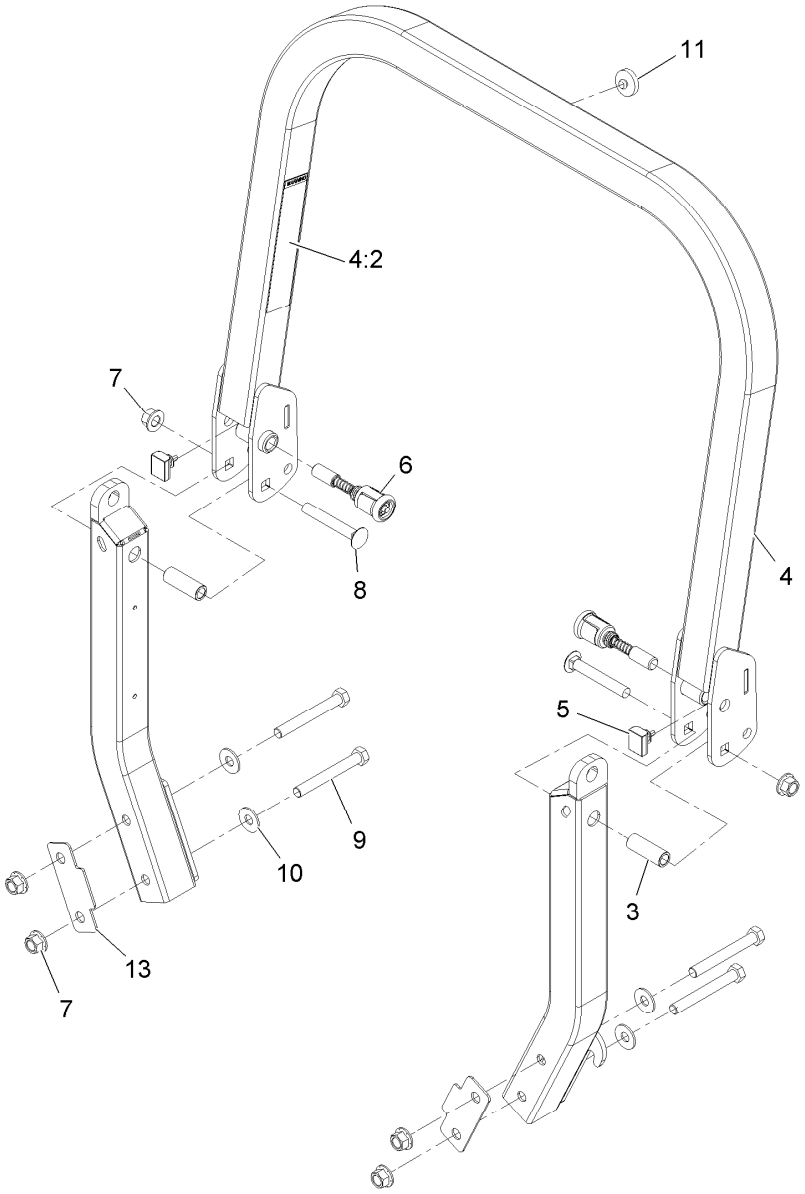



# Main Frame Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 116-5900 | 1 | Mainframe ASM |
| 1:2 | 116-3303 | 1 | Decal-Slope |
| 1:3 | 103-2076 | 2 | Decal-Caution |
| 1:4 | 116-0205 | 2 | Decal-Belt Drive |
| 1:5 | 116-4858 | 1 | Decal-Spark Arrester |
| 1:6 | 116-1654 | 1 | Decal-Fuel Fill |
| 2 | 109-8863-03 | 1 | Plate,Rear Guard |
| 3 | 116-8898-01 | 1 | Floorpan |
| 4 | 1-513658 | 2 | Bumper |
| 5 | 116-2882 | 1 | ROPS ASM |
| 6 | 1-811010 | 2 | Plug |
| 7 | | 2 | ASM,Front Caster W/Fork ● |
| 9 | 116-0180 | 1 | LH Bumper ASM |
| 9:2 | 103-2076 | 1 | Decal-Caution |
| 10 | 116-0057-03 | 1 | Bumper-RH |
| 11 | 104-8301 | 11 | Nut-Nyloc 3/8-16 Flg |

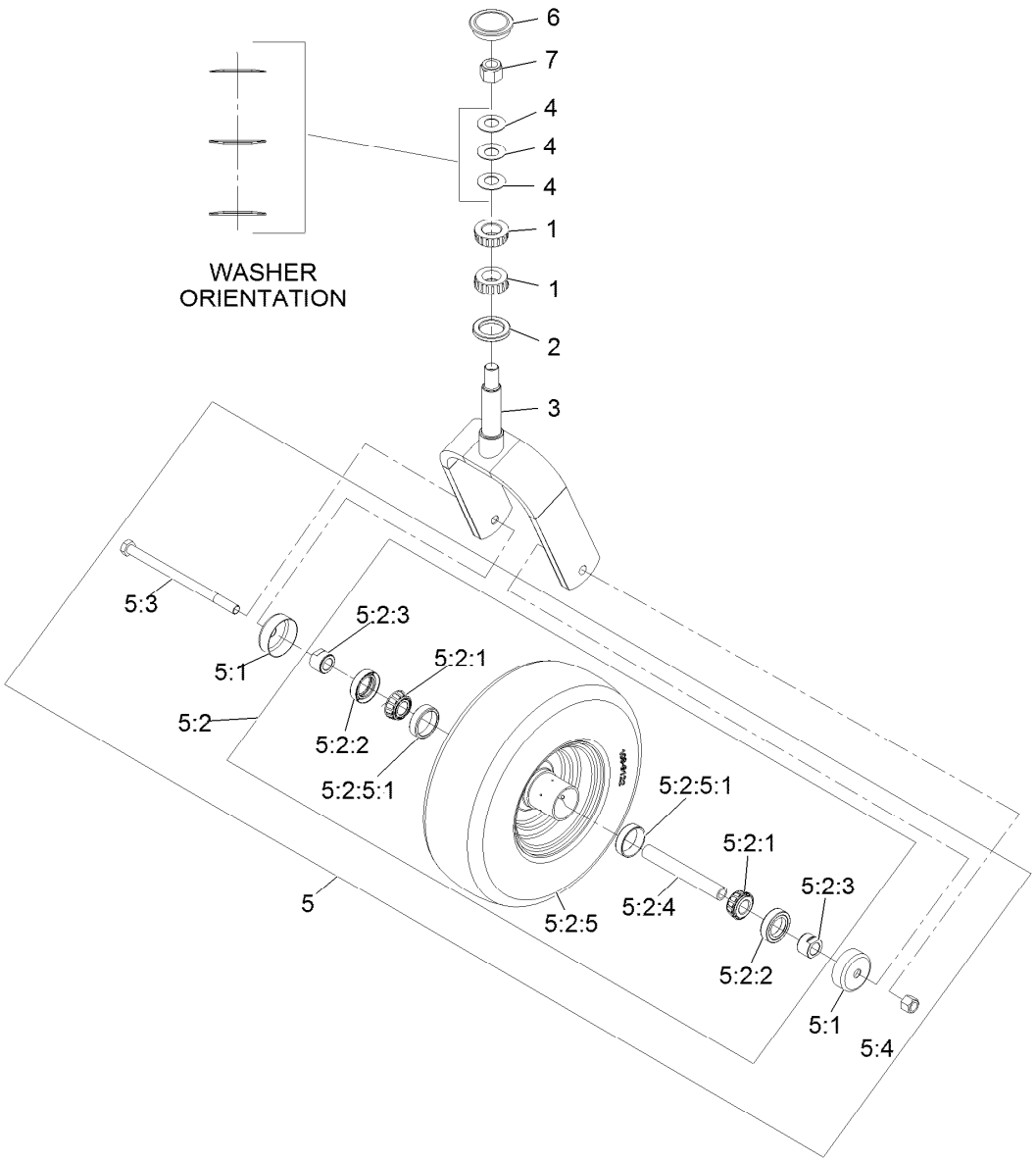
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 12 | 3231-22 | 7 | Bolt-Carriage 3/8-16 X 1 |
| 13 | 3231-21 | 4 | Bolt-Carriage 3/8-16 X 3/4 |
| 14 | 116-5899 | 1 | RH Motion Control Cover ASM |
| 14:2 | 109-7232 | 1 | Decal-Motion Control |
| 14:3 | 116-5944 | 1 | Decal-Park Brake |
| 15 | 116-0580 | 1 | LH Motion Control Cover ASM |
| 15:2 | 109-7232 | 1 | Decal-Motion Control |
| 16 | 116-0043-03 | 1 | Guard-Muffler |
| 17 | 103-3113 | 1 | Decal,Lazer Model |
| 18 | 32144-10 | 4 | Screw-HWH 1/4-20 X .62 |
| 30 | 103-2883 | 1 | Decal |
| 35 | 116-2999-01 | 1 | Guard-Belt |
| 66 | 116-3885 | 2 | Decal-E-Series |
| 69 | 107-3154 | 2 | Nut-Push 3/8-16 |

● Not serviced separately




# Roll-Over Protection System Assembly No. 116-2882

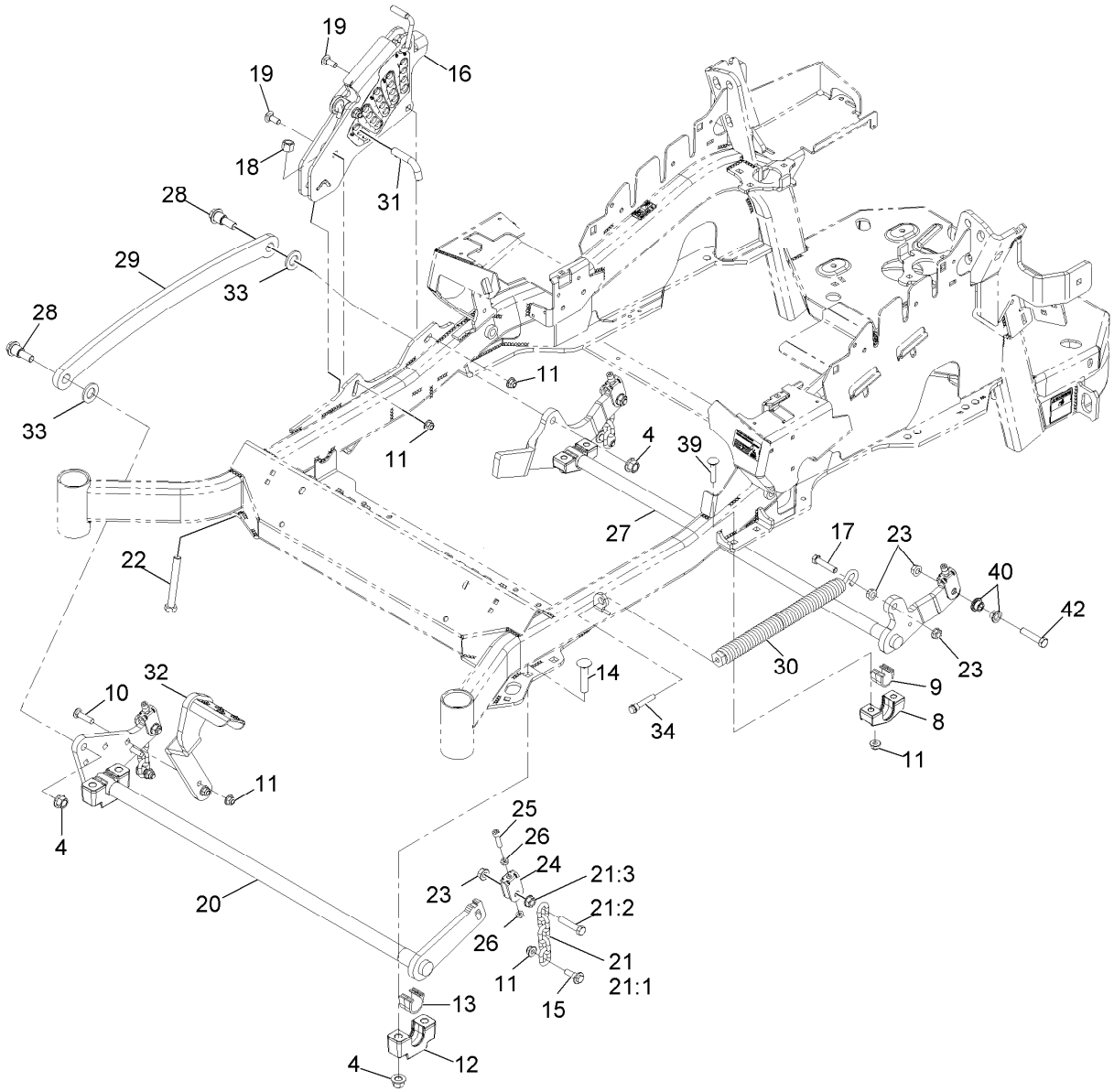
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 3 | 109-6653 | 2 | Spacer |
| 4 | 116-0019 | 1 | Upper ROPS ASM |
| 4:2 | 107-2102 | 1 | Decal-Warning, Folding ROPS |
| 5 | 109-5337 | 2 | Bumper-ROPS |
| 6 | 116-0104 | 2 | Spring Pin ASM |
| 7 | 99-5107 | 6 | Nut-Lock 1/2-13 |
| 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 |
| 13 | 116-0960 | 2 | Spacer |




# Caster Wheel and Fork Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 1-543509 | 2 | Bearing-Roller, Tapered |
| 2 | 116-5647 | 1 | Seal-Grease |
| 3 | 116-6703-01 | 1 | Weld, Fork |
| 4 | 1-633508 | 3 | Washer-Bellville |
| 5 | 109-9126 | 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, Taper |
| 5:2:2 | 103-0063 | 2 | Seal-Caster |
| 5:2:3 | 103-3051 | 2 | Spacer-Nut ■ |
| 5:2:4 | 103-3155 | 1 | Axle-Caster |
| 5:2:5 | | 1 | Wheel And Tire ASM ● |
| 5:2:5:1 | 1-633584 | 1 | Bearing-Cup |
| 5:3 | 325-42 | 1 | Screw-HH |
| 5:4 | 3296-23 | 1 | Nut-Lock, NI |
| 6 | 103-4882 | 1 | Cap-Grease |
| 7 | 3296-51 | 1 | Nut-Lock, NI |

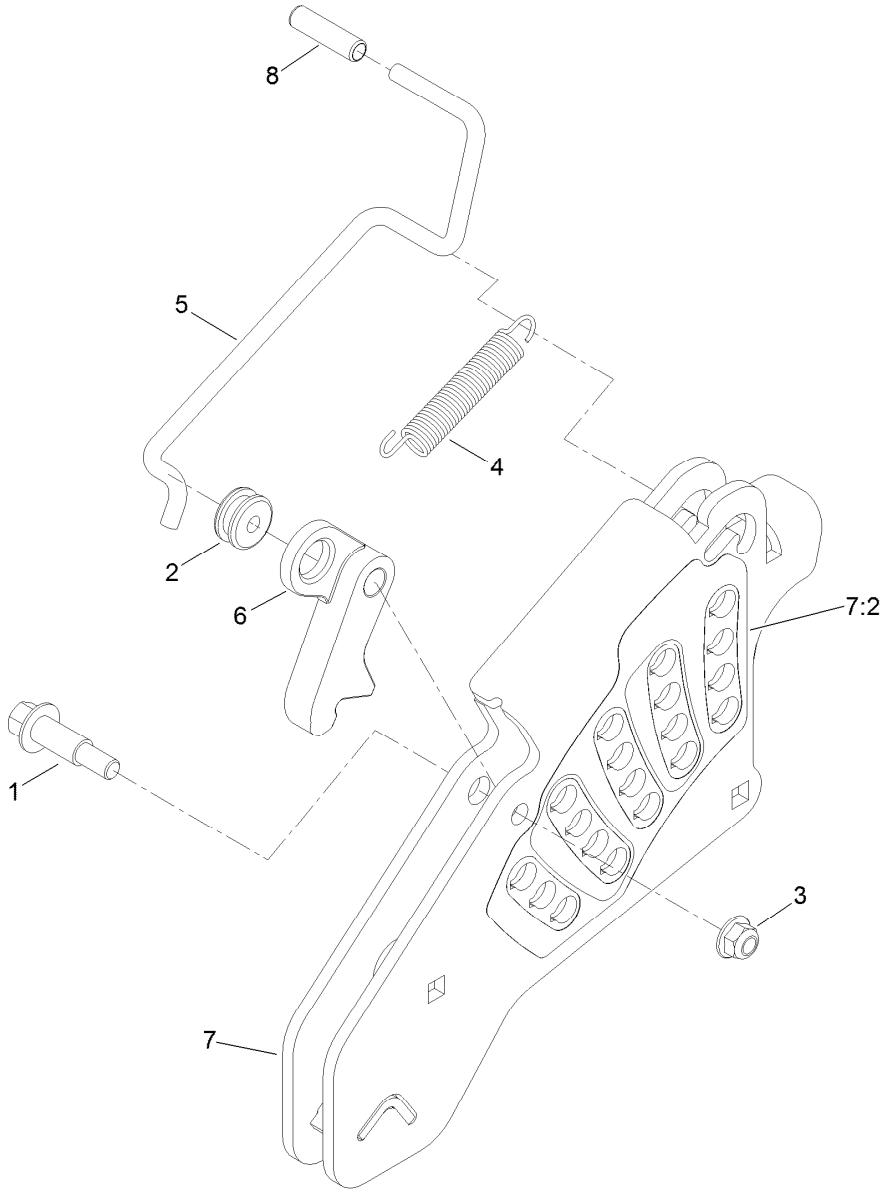
● Not serviced separately
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.




# Deck Lift Assembly

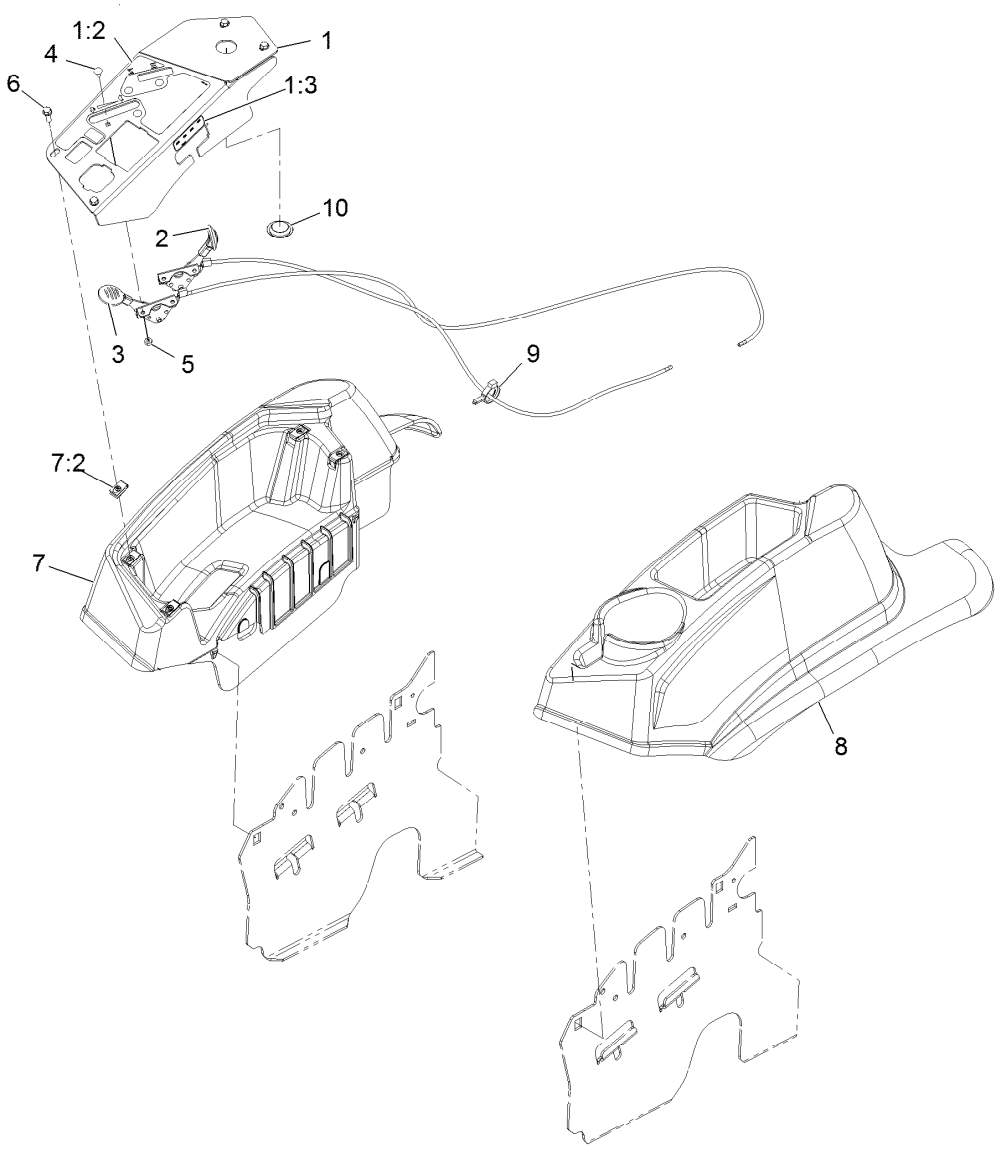
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 4 | 99-5107 | 6 | Nut-Lock |
| 8 | 116-0818-03 | 2 | Support-Cross Shaft, Rear Bearing |
| 9 | 109-7173 | 2 | Bearing-Cross Shaft, Rear |
| 10 | 3231-4 | 2 | Screw-CARR |
| 11 | 104-8301 | 10 | Nut-Flange, NI |
| 12 | 109-9409 | 2 | Support-Cross Shaft, Front Bearing |
| 13 | 109-9410 | 2 | Bearing-Cross Shaft, Front |
| 14 | 116-1700 | 4 | Bolt-CARR |
| 15 | 109-9840 | 2 | Screw-Shoulder, HHF |
| 16 | 109-7438 | 1 | HOC ASM |
| 17 | 109-9065 | 1 | Screw-HH |
| 18 | 3296-23 | 1 | Nut-Lock, NI |
| 19 | 3231-2 | 2 | Bolt-CARR |
| 20 | 116-2217-03 | 1 | Front Cross Shaft ASM |
| 21 | 116-0756 | 2 | Deck Lift Chain ASM |
| 21:1 | 1-633447 | 1 | Chain-Lift, Deck |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 21:2 | 109-9065 | 1 | Screw-HH |
| 21:3 | 32128-37 | 1 | Nut-HF |
| 22 | 116-0559 | 1 | Bolt-TAP |
| 23 | 32128-37 | 6 | Nut-HF |
| 24 | 109-9066 | 4 | Yoke-Adjust, Deck |
| 25 | 322-47 | 4 | Screw-HH |
| 26 | 3218-2 | 8 | Nut-Jam |
| 27 | 116-0459-03 | 1 | Lift-Deck, Rear |
| 28 | 116-0780 | 2 | Screw-HHF, Shoulder |
| 29 | 116-0797-03 | 1 | Link-Lift, Deck |
| 30 | 116-0886 | 1 | Extension Spring ASM |
| 31 | 116-5584 | 1 | Pin-HOC |
| 32 | 116-1919-01 | 1 | Lever-Foot |
| 33 | 3256-28 | 2 | Washer-Flat |
| 34 | 92-7674 | 1 | Bolt-Shoulder |
| 39 | 3231-5 | 4 | Screw-CARR |
| 40 | 116-2428 | 4 | Bushing,Flanged |
| 42 | 324-10 | 2 | Screw-HH |



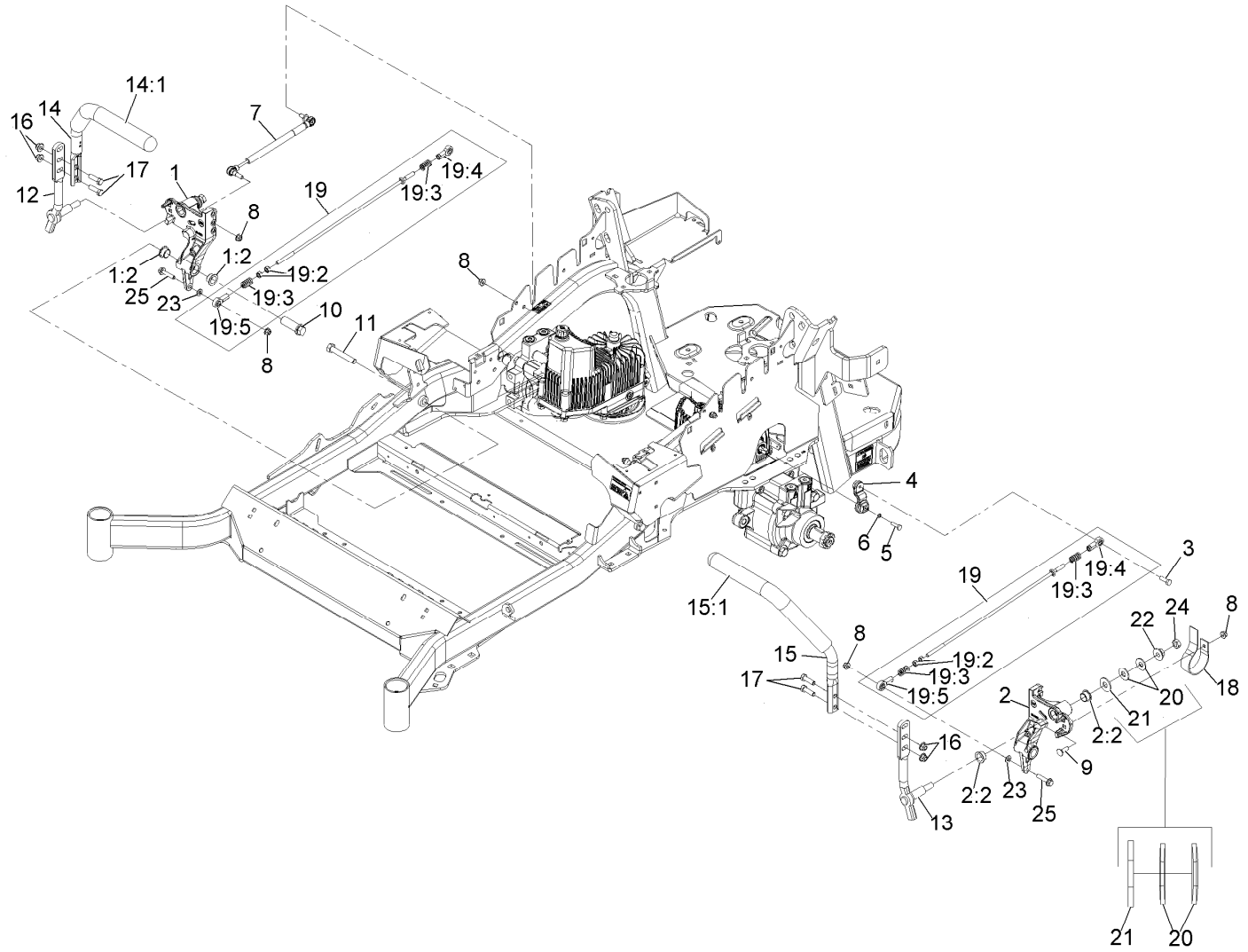

# Height-of-Cut Assembly No. 109-7438

| *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 |




# Control 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 |
| 6 | 32105-15 | 4 | Screw-Machine 1/4-20 X 3/4 |
| 7 | 116-1278 | 1 | Console,RH As ASM |
| 7:2 | 107069 | 4 | Nut-Retainer-Panel 1/4-20 |
| 8 | 109-9457 | 1 | Console, LH As |
| 9 | 105-1853 | 1 | Clamp-Hose |
| 10 | 116-1875 | 1 | Plug,Plastic |

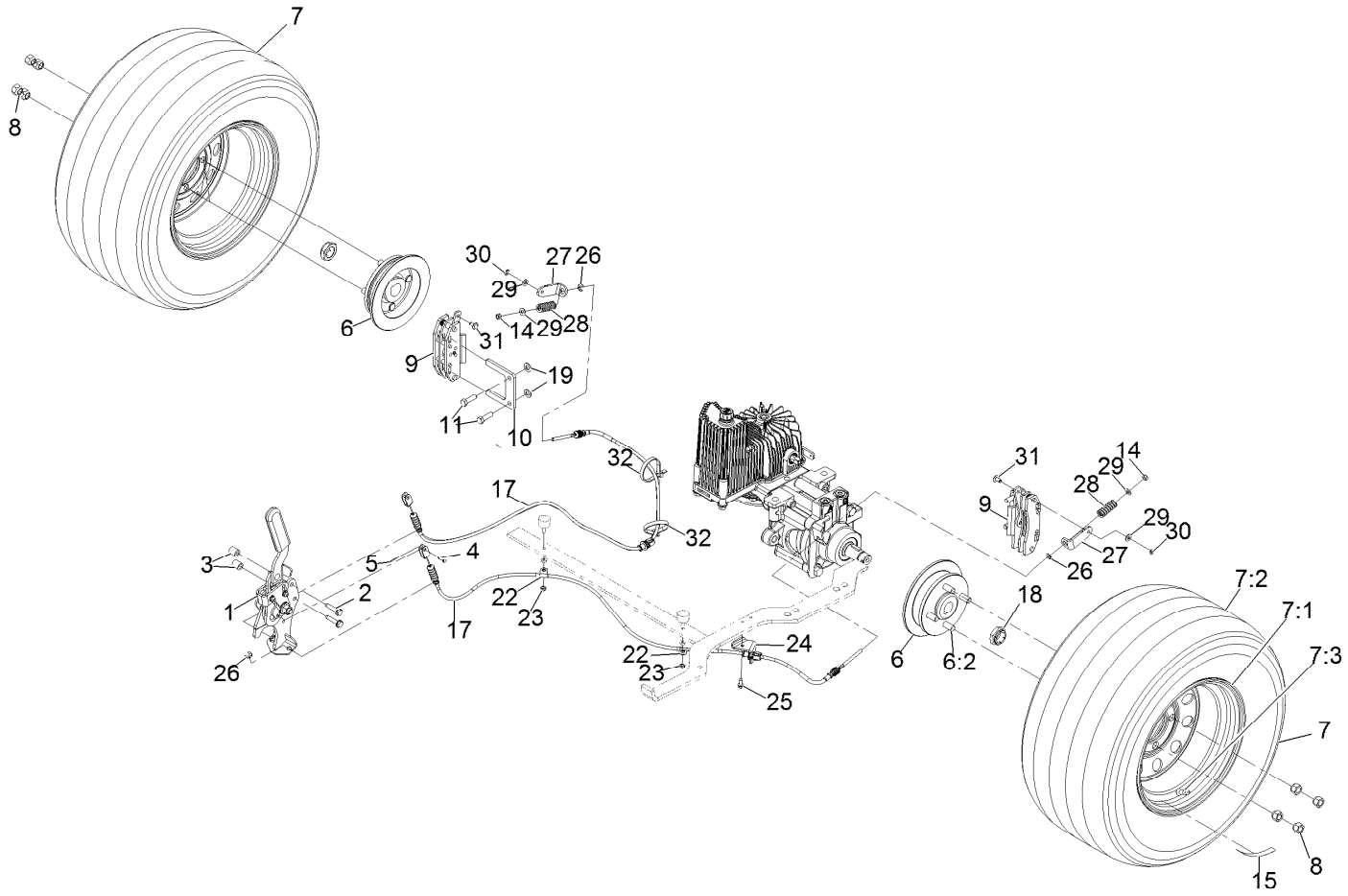



# Motion Control Assembly

| 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 |
| 10 | 109-5891 | 2 | Hub-Threaded |
| 11 | 325-12 | 2 | Screw-HH 1/2-13 X 3 |
| 12 | 116-0039 | 1 | Lever-Control Motion, RH |
| 13 | 116-0040 | 1 | Lever-Control Motion, LH |
| 14 | 109-6589 | 1 | RH Steering Handle ASM |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 14:1 | 109-5668 | 1 | Grip-Control, Lever |
| 15 | 109-6590 | 1 | LH Steering Handle ASM |
| 15:1 | 109-5668 | 1 | Grip-Control, Lever |
| 16 | 104-8301 | 4 | Nut-Nyloc 3/8-16 Flg |
| 17 | 323-7 | 4 | Screw-HH 3/8-16 X 1 1/4 |
| 18 | 109-5575 | 2 | Spring-Leaf |
| 19 | 109-8107 | 2 | Pump Linkage Rear ASM |
| 19:2 | 3219-2 | 2 | Nut-Hex 5/16-24 |
| 19:3 | 1-323245 | 2 | Spring-Compression |
| 19:4 | 1-633152 | 1 | Balljoint |
| 19:5 | 1-543017 | 1 | Balljoint |
| 20 | 109-9505 | 4 | Washer, Spring Disc 1/2 |
| 21 | 3256-6 | 2 | Washer |
| 22 | 32128-56 | 2 | Nut-Hex 1/2-13 Flange |
| 23 | 3256-23 | 2 | Washer-5/16 Sae |
| 24 | 3218-5 | 2 | Nut-Jam 1/2-13 |
| 25 | 115-1794 | 2 | Screw-Hex Flange 5/16-18 X 1 1/2 |

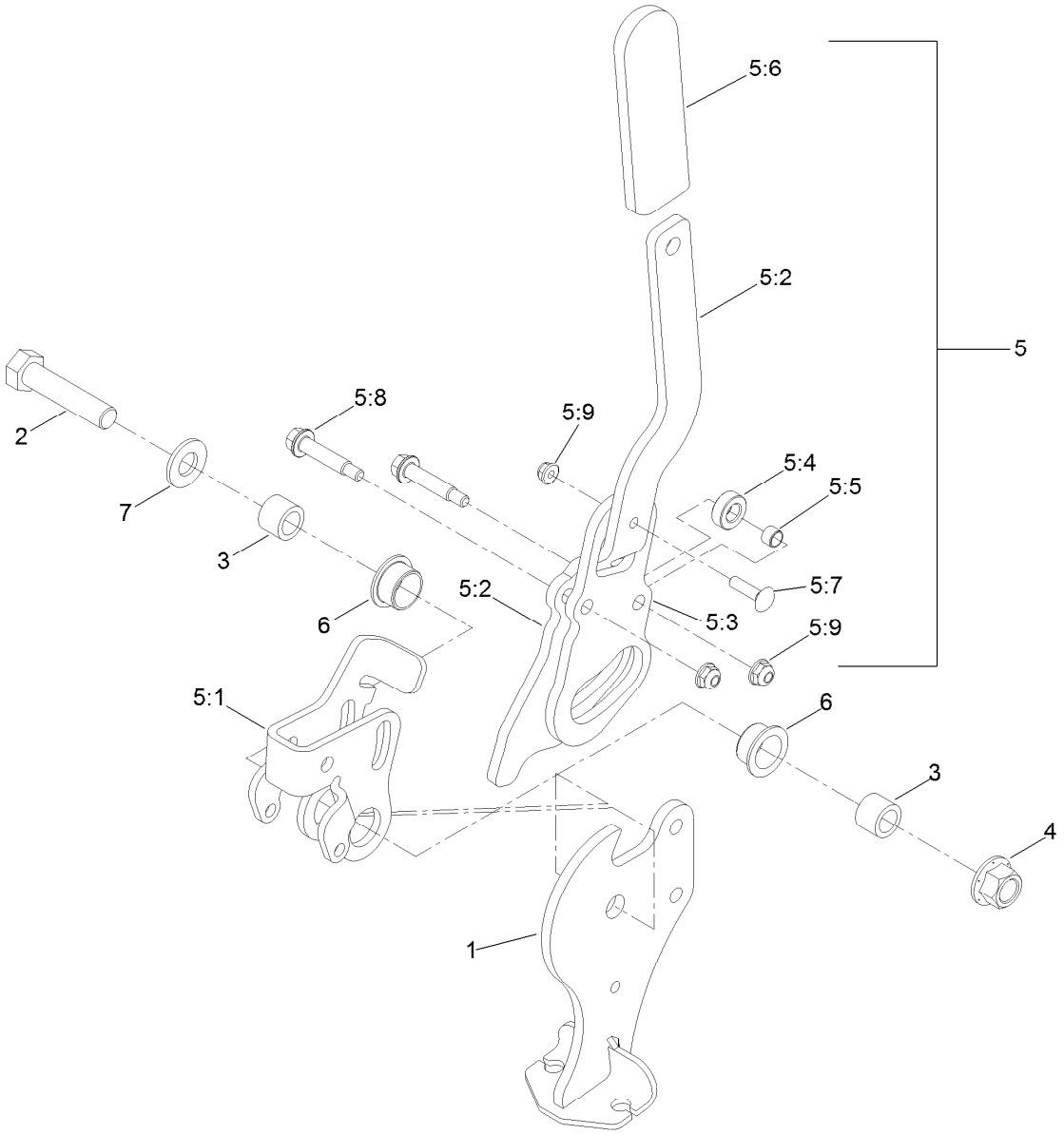
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.




# Rear Wheel and Park Brake Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 116-7551 | 1 | Brake Handle ASM |
| 2 | 32144-57 | 2 | Screw |
| 3 | 82-6840 | 2 | Spacer |
| 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 | 116-8289 | 2 | Wheel And Tire ASM |
| 7:1 | 116-8290 | 1 | ASM, Rim |
| 7:2 | 116-8291 | 1 | Tire-Drive, 23X9.5-12 |
| 7:3 | 232-27 | 1 | Stem-Valve |
| 8 | 242-50 | 8 | Nut-Lug 1/2-20 |
| 9 | 109-2889 | 2 | Caliper-Brake |
| 10 | 109-0958 | 2 | Plate-Mount, Brake |
| 11 | 92-5727 | 4 | Screw-HH 3/8-16 X 1 1/4 Patch Lock |

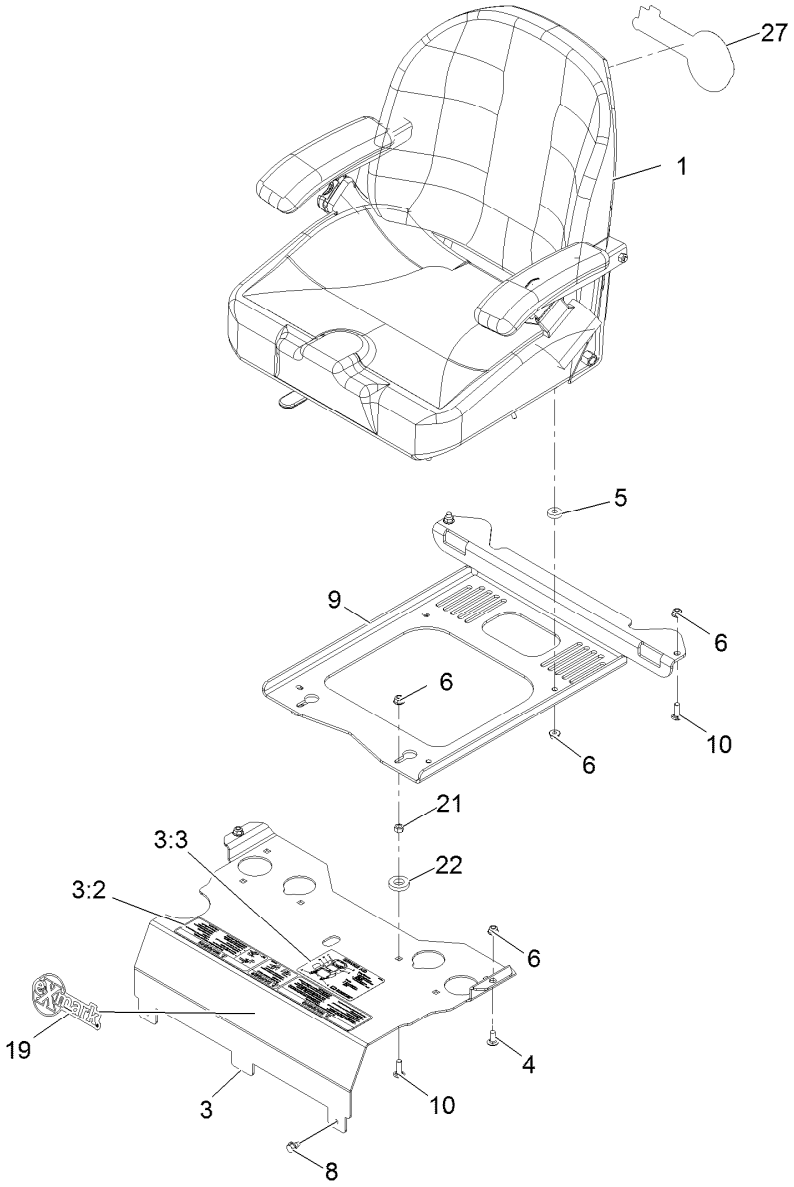
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 14 | 3296-13 | 2 | Nut-Nyloc 1/4-28 |
| 15 | 116-2643 | 2 | Decal-Wheel Nut Torque |
| 17 | 116-6365 | 2 | Cable-Park Brake, LH |
| 18 | 116-1399 | 2 | Locknut |
| 19 | 3256-24 | 4 | Washer-3/8 Sae |
| 22 | 88-7970 | 2 | Clip |
| 23 | 3296-56 | 2 | Nut-Nyloc 1/4-20 Thin |
| 24 | 116-6397 | 1 | Bracket-Cable |
| 25 | 32144-10 | 1 | Screw-HWH 1/4-20 X .62 |
| 26 | 32120-18 | 4 | E-Ring |
| 27 | 116-6182 | 2 | Bracket-Brake, L |
| 28 | 116-6347 | 2 | Spring-Die |
| 29 | 3256-22 | 4 | Washer-1/4 Sae |
| 30 | 32151-86 | 2 | E-Ring |
| 31 | 116-6348 | 2 | Pin-Brake |
| 32 | 3334-945 | 2 | Tie-Cable |




# Parking Brake Handle Assembly No. 116-7551

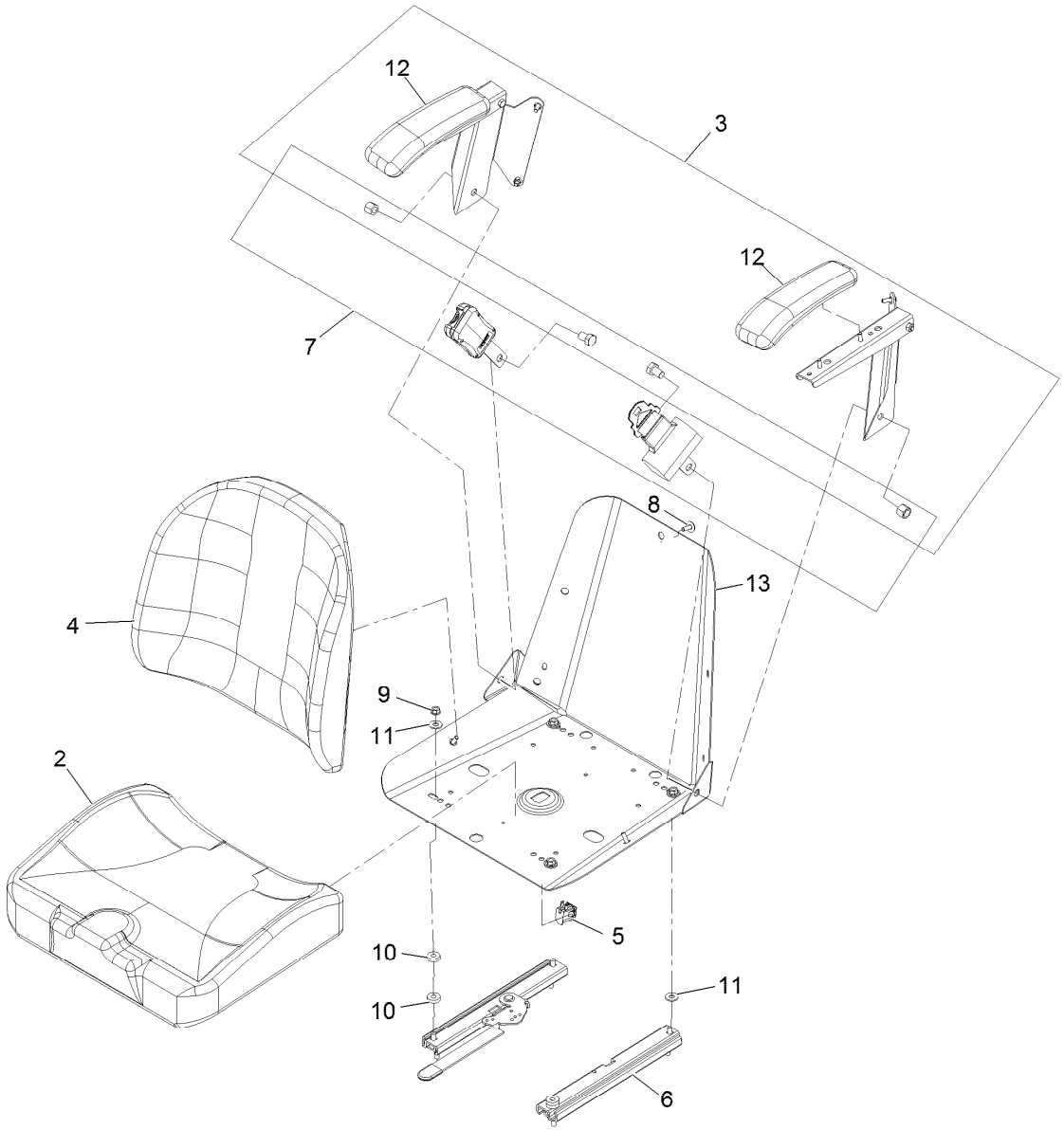
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 116-7263 | 1 | Brake Pivot ASM |
| 2 | 325-9 | 1 | Screw-HH 1/2-13 X 2 1/4 |
| 3 | 116-5384 | 2 | Spacer |
| 4 | 99-5107 | 1 | Nut-Lock 1/2-13 |
| 5 | 116-6860 | 1 | Handle ASM |
| 5:1 | 116-6856 | 1 | Bellcrank-Brake |
| 5:2 | 116-6857 | 1 | Handle-Brake |
| 5:3 | 116-6858 | 1 | Plate-Handle |

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 5:4 | 116-6846 | 1 | Roller-Brake |
| 5:5 | 116-6852 | 1 | Bearing-Sleeve |
| 5:6 | 1-633268 | 1 | Grip-Lever |
| 5:7 | 3229-2 | 1 | Bolt-Carriage 1/4-20 X 1 |
| 5:8 | 116-6876 | 2 | Screw-Shoulder |
| 5:9 | 104-7201 | 3 | Nut-Nyloc 1/4-20 Flg |
| 6 | 109-8054 | 2 | Bushing-Flanged |
| 7 | 3256-26 | 1 | Washer-1/2 Sae |



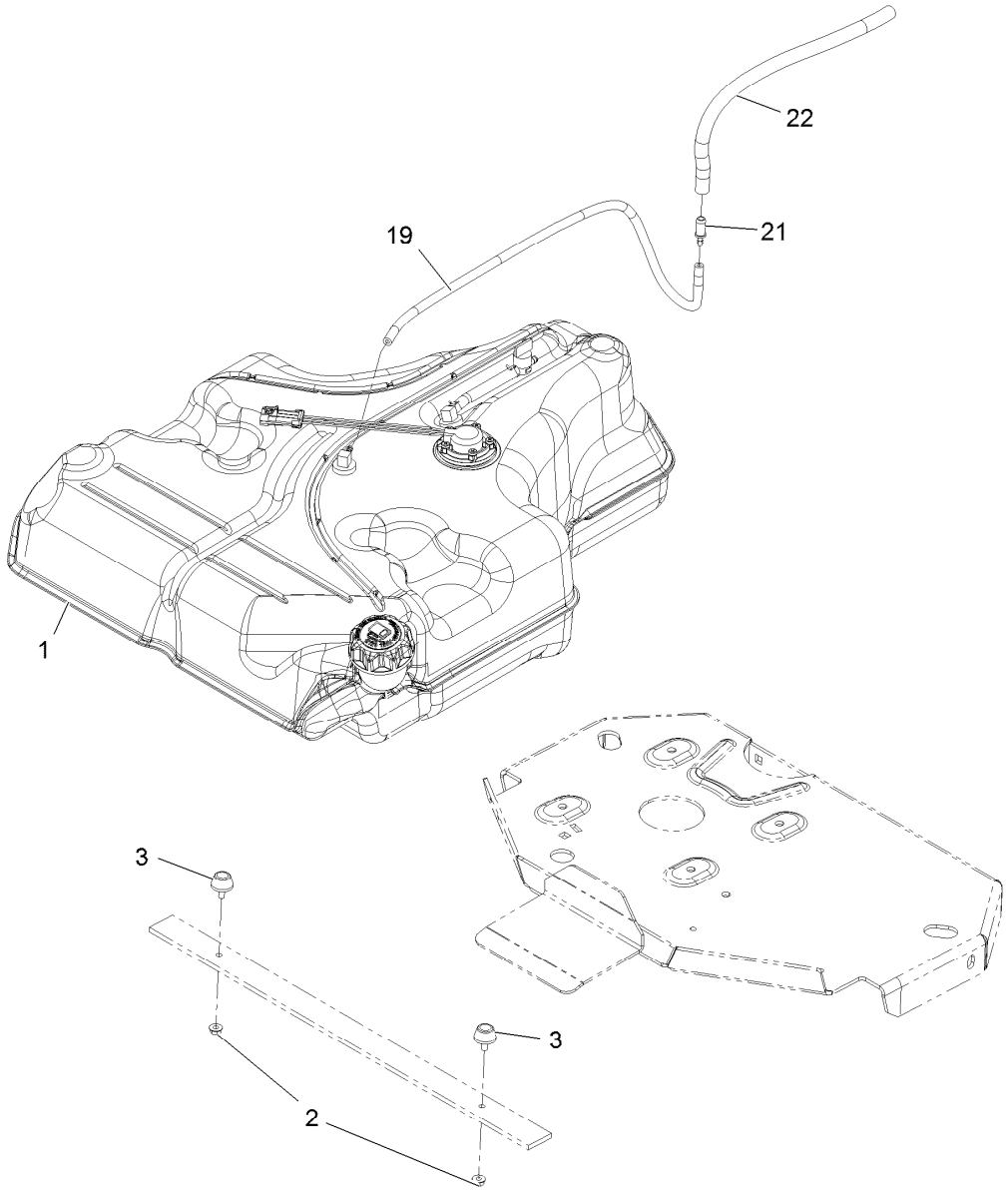

# Seat Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 116-6192 | 1 | ASM-Seat, Lze |
| 3 | 116-2323 | 1 | Mount-Seat |
| 3:2 | 109-7069 | 1 | Decal-Console |
| 3:3 | 116-0211 | 1 | Decal-Service Aid |
| 4 | 3230-23 | 2 | Bolt-Carriage 5/16-18 X 3/4 Short Neck |
| 5 | 26-4840 | 4 | Spacer-Pin, Mounting |
| 6 | 104-8300 | 10 | Nut-Nyloc 5/16-18 Flg |
| 8 | 9266934 | 2 | Screw-HWH 5/16 X 1/2 Tf |
| 9 | 116-0192-03 | 1 | Plate-Support, Seat |
| 10 | 3230-22 | 4 | Bolt-Carriage 5/16-18 X 1 Sp |
| 19 | 103-2883 | 1 | Decal |
| 21 | 3217-6 | 2 | Nut-Hex 5/16-18 |
| 22 | 1-323539 | 2 | Spacer-Blade Drive |
| 27 | 103-2882 | 1 | Decal,Exmark Logo |



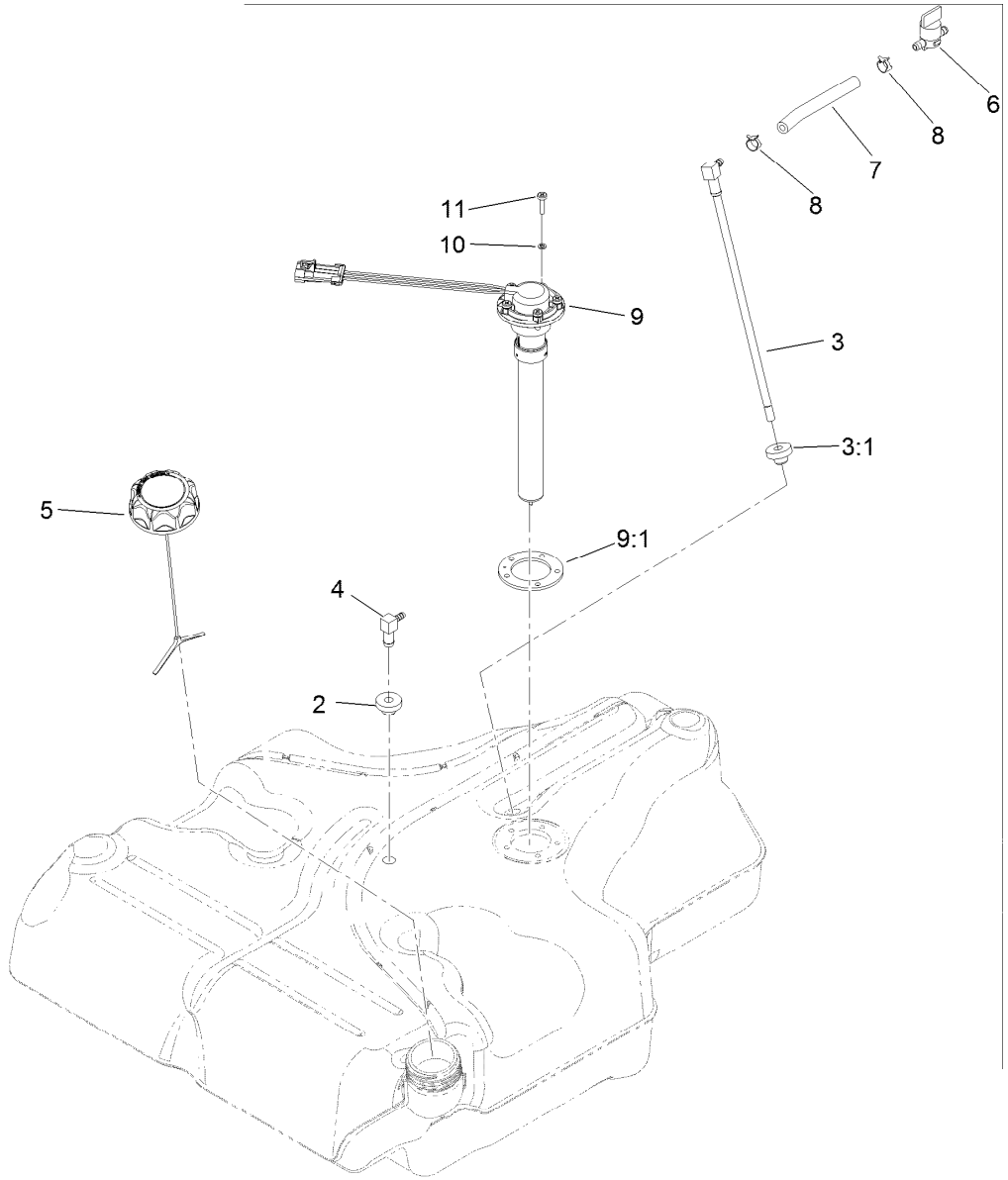

# Seat W/Tracks Assembly No. 116-6192

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 2 | 116-7329 | 1 | Cushion-Seat Bottom |
| 3 | 110-5719 | 1 | Armrest Kit |
| 4 | 116-3738 | 1 | Cushion,Seat Back |
| 5 | 82-2190 | 1 | Switch |
| 6 | 1-643255 | 1 | Track-Seat |
| 7 | 116-2981 | 1 | Seat Belt Kit |
| 8 | 103-8383 | 7 | Screw-HWH 1/4-20 X 3/4 Taptite |
| 9 | 32128-20 | 4 | Nut-Whizlock 5/16-18 |
| 10 | 26-4840 | 4 | Spacer-Pin, Mounting |
| 11 | 3256-3 | 6 | Washer-5/16 Std |
| 12 | 110-4163 | 2 | Cushion-Rest, Arm |
| 13 | 116-7496 | 1 | Frame-Seat |



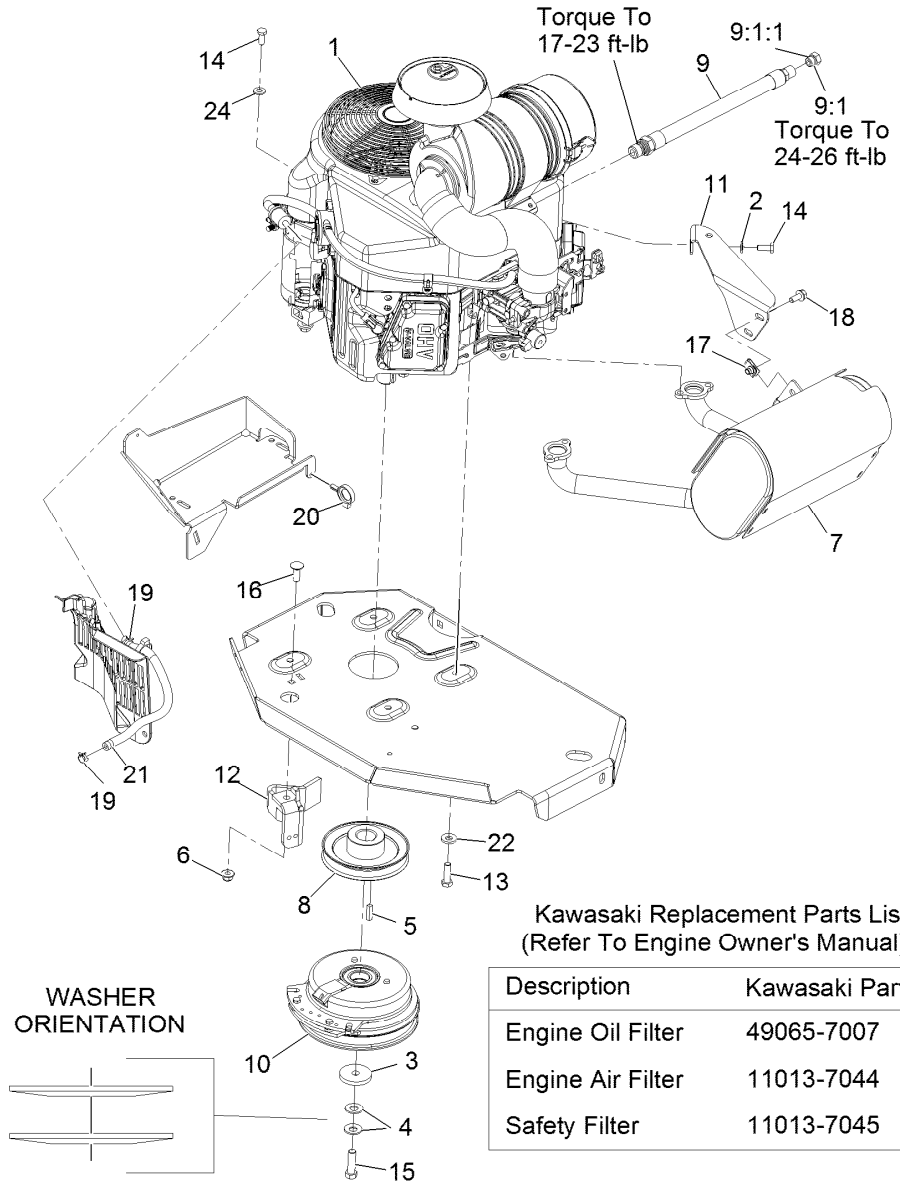

# Fuel Tank Mounting Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 116-3978 | 1 | Fuel Tank ASM |
| 2 | 3218-1 | 2 | Nut-Jam |
| 3 | 116-6380 | 2 | Bumper-Rubber (W/ Stud) |
| 19 | 110-8751 | 1 | Hose-Fuel |
| 21 | 98-2952 | 1 | Fitting-Straight |
| 22 | 116-4344 | 1 | Hose-Fuel |




# Fuel Tank Assembly No. 116-3978

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 2 | 46-6560 | 2 | Bushing |
| 3 | 116-2459 | 1 | Fuel Line Kit (With Grommet) |
| 3:1 | 46-6560 | 1 | Bushing |
| 4 | 116-2288 | 1 | Fitting-90 Elbow, 0.043 Orifice |
| 5 | 116-1704 | 1 | Cap-Fuel, Ratcheting |
| 6 | 1-603770 | 1 | Valve-Fuel |
| 7 | 109-0650 | 1 | Hose-Fuel |
| 8 | 2412-98 | 2 | Clamp-Hose |
| 9 | 116-1981 | 1 | Sender-Fuel |
| 9:1 | 109-9620 | 1 | Gasket-Sender, Fuel |
| 10 | 3253-17 | 5 | Washer-Lock 3/16 |
| 11 | 9107944 | 5 | Screw-Pan 10-24 X 3/4 |




Kawasaki Replacement Parts List
(Refer To Engine Owner's Manual)

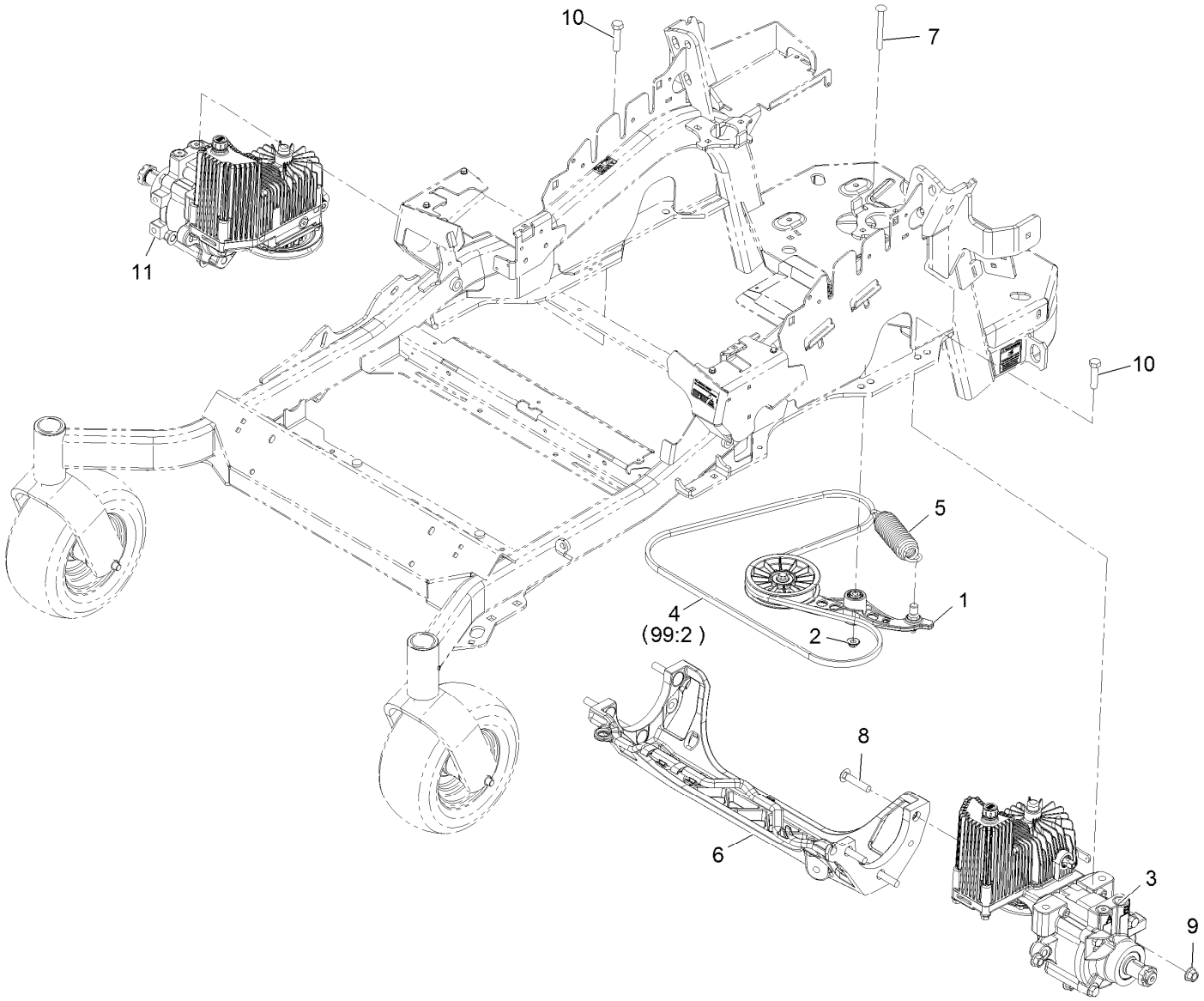
| Description | Kawasaki Part |
|---|---|
| Engine Oil Filter | 49065-7007 |
| Engine Air Filter | 11013-7044 |
| Safety Filter | 11013-7045 |

# Engine Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | | 1 | Engine-Kawasaki, Fx691V-S17-R ●■ |
| 2 | 1-303334 | 1 | Washer-Spring Disc 5/16 |
| 3 | 109-6919 | 1 | Washer-Clutch |
| 4 | 1-603610 | 2 | Washer-Spring Disc 7/16 |
| 5 | 1-807259 | 1 | Key-Machine 1/4 X 1/4 X 1 |
| 6 | 104-8301 | 1 | Nut-Nyloc 3/8-16 Flg |
| 7 | 116-1715 | 1 | Muffler |
| 8 | 116-1946 | 1 | Sheave-Pump, Drive |
| 9 | 116-4924 | 1 | Asm-Hose Oil Drain W/Plug ▲ |
| 9:1 | 353-508 | 1 | Plug-W/O-Ring |
| 9:1:1 | 237-42 | 1 | O-Ring |
| 10 | 116-1947 | 1 | Clutch |

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 11 | 116-1435 | 1 | Bracket-Muffler |
| 12 | 116-2612-01 | 1 | Clutch-Anchor |
| 13 | 323-7 | 4 | Screw-HH 3/8-16 X 1 1/4 |
| 14 | 33114-020 | 2 | Screw-HH M8-1.25 X 20Mm |
| 15 | 109-9761 | 1 | Screw-HH 7/16-20 X 1 1/2 W/Loctite ◆ |
| 16 | 3231-22 | 1 | Bolt-Carriage 3/8-16 X 1 |
| 17 | 94-2413 | 2 | U-Nut |
| 18 | 3234-5 | 2 | Screw-HH Flg 5/16-18 X 3/4 |
| 19 | 2412-98 | 2 | Clamp-Hose |
| 20 | 105-1853 | 1 | Clamp-Hose |
| 21 | 109-0296 | 1 | Hose-Fuel Line 15" |
| 22 | 98-5975 | 4 | Washer-Spring Disc 3/8 |
| 24 | 33094-00 | 1 | Washer |

● Not serviced separately
▲ Use a Teflon Pipe Sealant or equivalent on threads.
◆ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.
■ Obtain parts from www.kawpowerepc.com

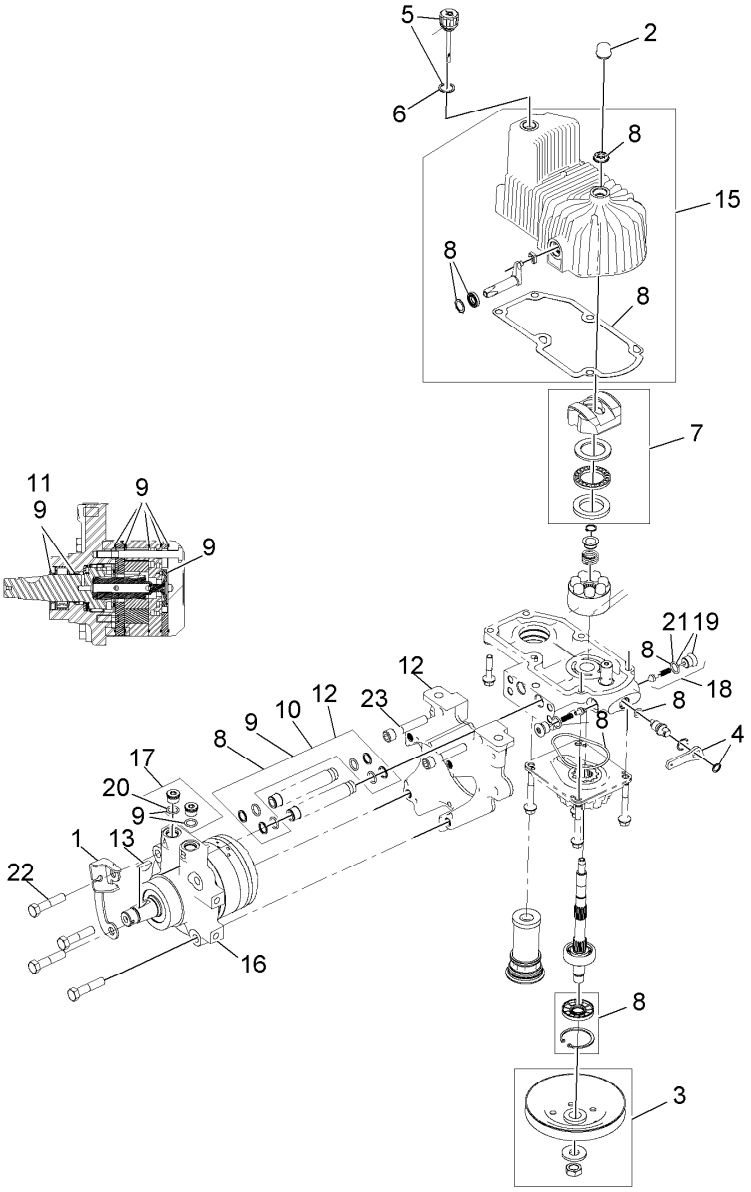



# Hydraulic Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 116-1255 | 1 | Pump Idler ASM |
| 2 | 109-6658 | 1 | Nut-Nyloc 3/8-16 Flg |
| 3 | 116-6417 | 1 | LH Hydro 12Cc No Fan |
| 4 | 116-1953 | 1 | Belt-V |
| 5 | 116-6317 | 1 | Spring-Extension |
| 6 | 109-9375 | 1 | Cradle-Hydro |
| 7 | 116-1502 | 1 | Bolt-Carriage Shoulder 3/8-16 X 3 1/2 |
| 8 | 3233-34 | 6 | Bolt-Carriage 1/2-13 X 2 1/2 |
| 9 | 99-5107 | 6 | Nut-Lock 1/2-13 |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 325-8 | 4 | Screw-HH 1/2-13 X 1 1/4 |
| 11 | 116-6418 | 1 | RH Hydro 12Cc No Fan |
| 99 | 109-9828 | 1 | Bottle-Oil, 32Oz Hydraulic ● |
| 99 | 116-0164 | 1 | Filter-Hydro ● |
| 99 | 116-1218 | 1 | Bottle,Oil 1 Gallon Hydraulic ● |
| 99 | 116-3282 | 1 | Kit,Hydro Service ● |
| 99:1 | 109-9828 | 4 | Bottle-Oil, 32Oz Hydraulic ● |
| 99:2 | 116-1953 | 1 | Belt-V |
| 99:3 | 116-0164 | 2 | Filter-Hydro ● |

● Not illustrated

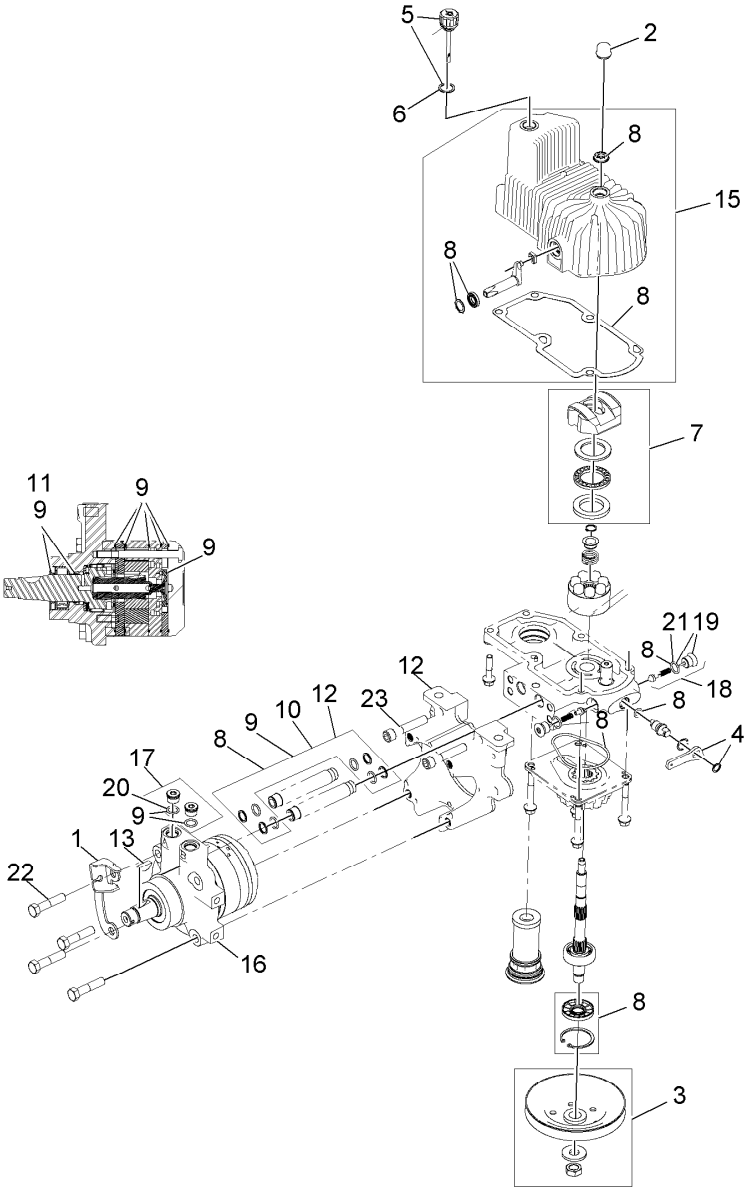



# LH Hydro Assembly No. 116-6417

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 116-6859 | 1 | Bracket-Anchor, Cable |
| 2 | 116-3052 | 1 | Cover-Shaft, Hydro |
| 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 |
| 9 | 116-1369 | 1 | Motor Seal Kit |
| 10 | 116-1370 | 1 | Tube Seal Kit |
| 11 | 116-1371 | 1 | Output Shaft Seal Kit |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 12 | 116-5469 | 1 | Nose Cup-Uht |
| 13 | 3257-42 | 1 | Key-Woodruff 5/16 X 1 |
| 15 | 116-3287 | 1 | Housing-Hydro, LH |
| 16 | 116-8915 | 1 | Motor-Hydraulic LH 240Cc |
| 17 | 116-7901 | 1 | Magnetic Plugs Service Kit |
| 18 | 116-1630 | 2 | Check Valve ASM |
| 19 | 116-1631 | 2 | Plug-Check (W/O-Ring) |
| 20 | 76-1900 | 2 | O-Ring |
| 21 | 116-8662 | 2 | O-Ring-Check Valve |
| 22 | 116-8974 | 4 | Screw-HH 1/2-20 X 2 1/4 |
| 23 | 116-8975 | 2 | Screw-HSH 1/2-20 X 2 3/4 |
| 99 | 116-1373 | 1 | Flow Test Kit ● |

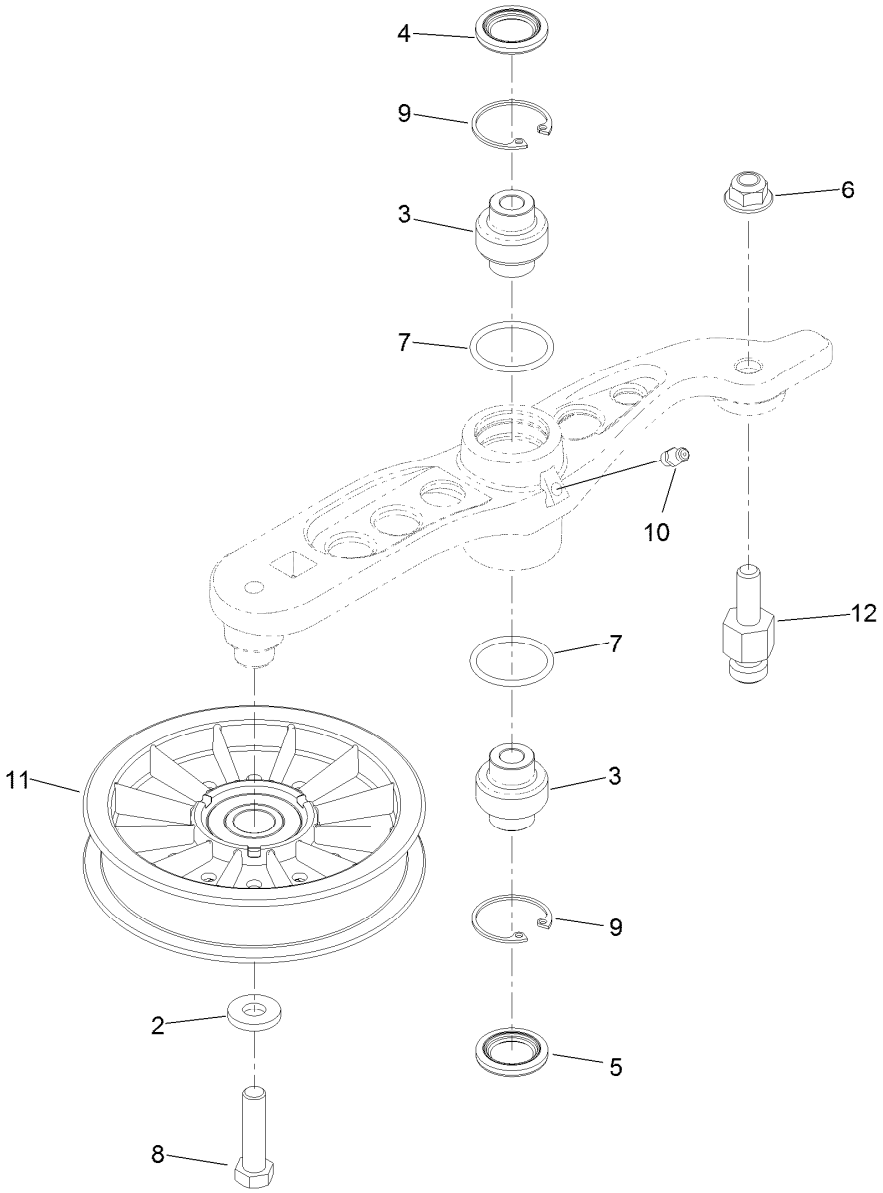
● Not illustrated




# RH Hydro Assembly No. 116-6418

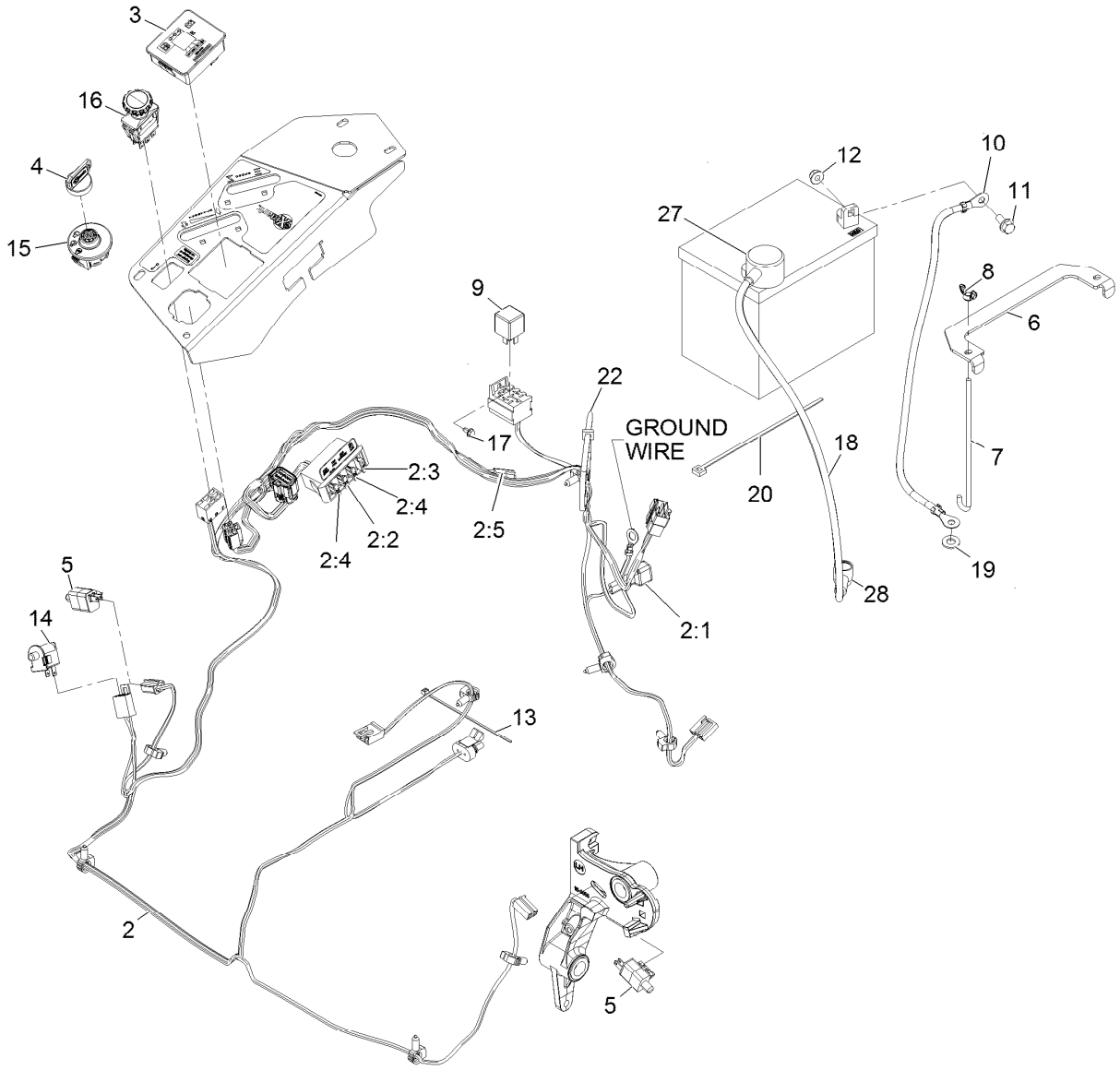
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 116-6859 | 1 | Bracket-Anchor, Cable |
| 2 | 116-3052 | 1 | Cover-Shaft, Hydro |
| 3 | 116-0234 | 1 | Pulley Kit |
| 4 | 116-0235 | 1 | Handle-Bypass Valve, Hydro |
| 5 | 116-0236 | 1 | Dipstick-Hydro W/Gasket |
| 6 | 116-0237 | 1 | Gasket-Dipstick, Hydro |
| 7 | 116-1367 | 1 | Swash Block Kit |
| 8 | 116-1368 | 1 | Pump Seal Kit |
| 9 | 116-1369 | 1 | Motor Seal Kit |
| 10 | 116-1370 | 1 | Tube Seal Kit |
| 11 | 116-1371 | 1 | Output Shaft Seal Kit |
| 12 | 116-5469 | 1 | Nose Cup-Uht |
| 13 | 3257-42 | 1 | Key-Woodruff 5/16 X 1 |
| 15 | 116-3288 | 1 | Housing-Hydro, RH |
| 16 | 116-8916 | 1 | Motor-Hydraulic RH 240Cc |
| 17 | 116-7901 | 1 | Magnetic Plugs Service Kit |
| 18 | 116-1630 | 2 | Check Valve ASM |
| 19 | 116-1631 | 2 | Plug-Check (W/O-Ring) |
| 20 | 76-1900 | 2 | O-Ring |
| 21 | 116-8662 | 2 | O-Ring-Check Valve |
| 22 | 116-8974 | 4 | Screw-HH 1/2-20 X 2 1/4 |
| 23 | 116-8975 | 2 | Screw-HSH 1/2-20 X 2 3/4 |
| 99 | 116-1373 | 1 | Flow Test Kit ● |

● Not illustrated




# Pump Idler Assembly No. 116-1255

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 2 | 43-0940 | 1 | Spacer |
| 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-Flange, NI |
| 7 | 106-7159 | 2 | O-Ring |
| 8 | 323-8 | 1 | Screw-HH |
| 9 | 32120-10 | 2 | Ring-Snap |
| 10 | 302-19 | 1 | Fitting-Grease |
| 11 | 109-8076 | 1 | Pulley-Idler |
| 12 | 116-3467 | 1 | Pin-Spring, Anchor |




# Electrical Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 2 | 116-6009 | 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 |
| 20 | 1-303335 | 1 | Tie-Cable 7 15/16 (Large) |
| 22 | 1-303335 | 1 | Tie-Cable 7 15/16 (Large) |
| 27 | 109-2407 | 1 | Insulator-Battery |
| 28 | 1-543393 | 1 | Insulator-Solenoid |

● Use dielectric grease on all unsealed connectors and terminals only. Do not apply in sealed connectors.

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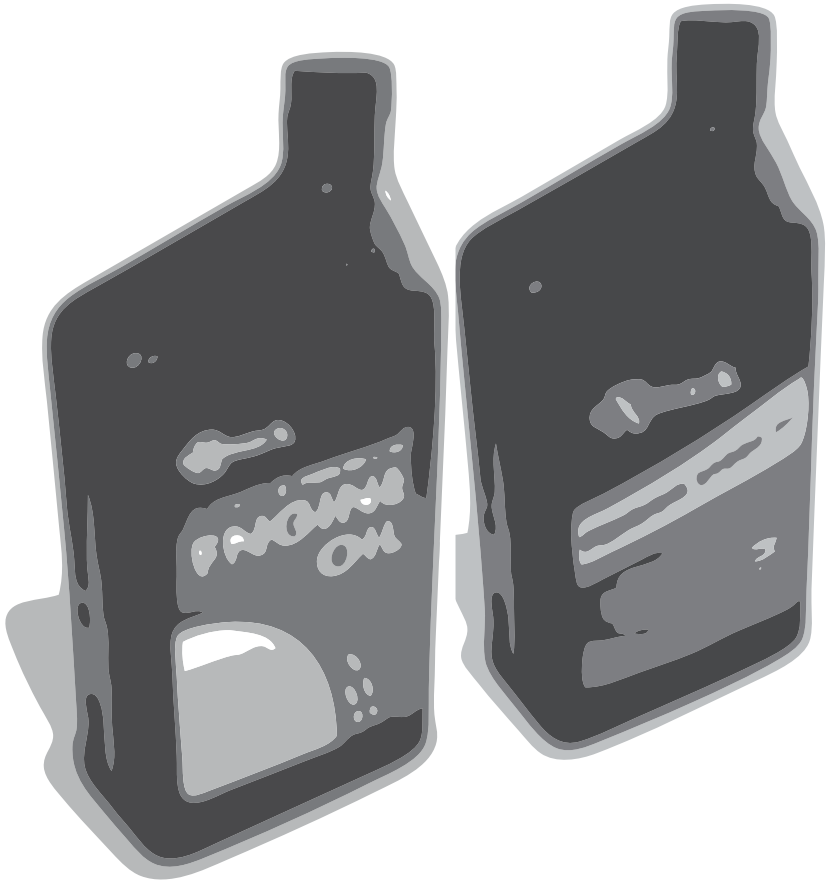
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Serial No. _____

Date Purchased _____

Engine Model No. and Spec. No. _____

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