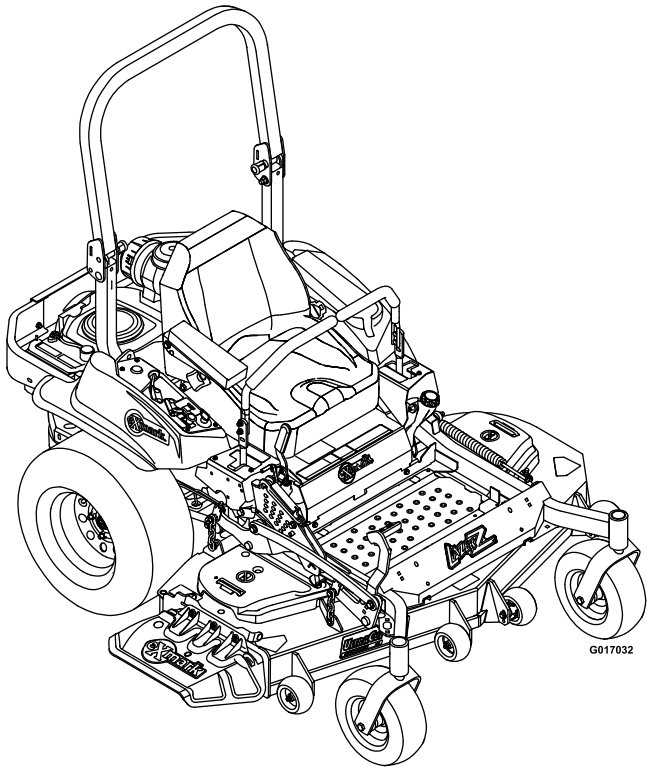
# Parts Manual

# LAZER Z® S-SERIES

**Model No. LZS749EKC724—Serial No. 313000000 and Up**

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




Part No. 4501-404 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).

**© 2013—Exmark Mfg. Co., Inc.**
**Industrial Park Box 808**
**Beatrice, NE 68310**



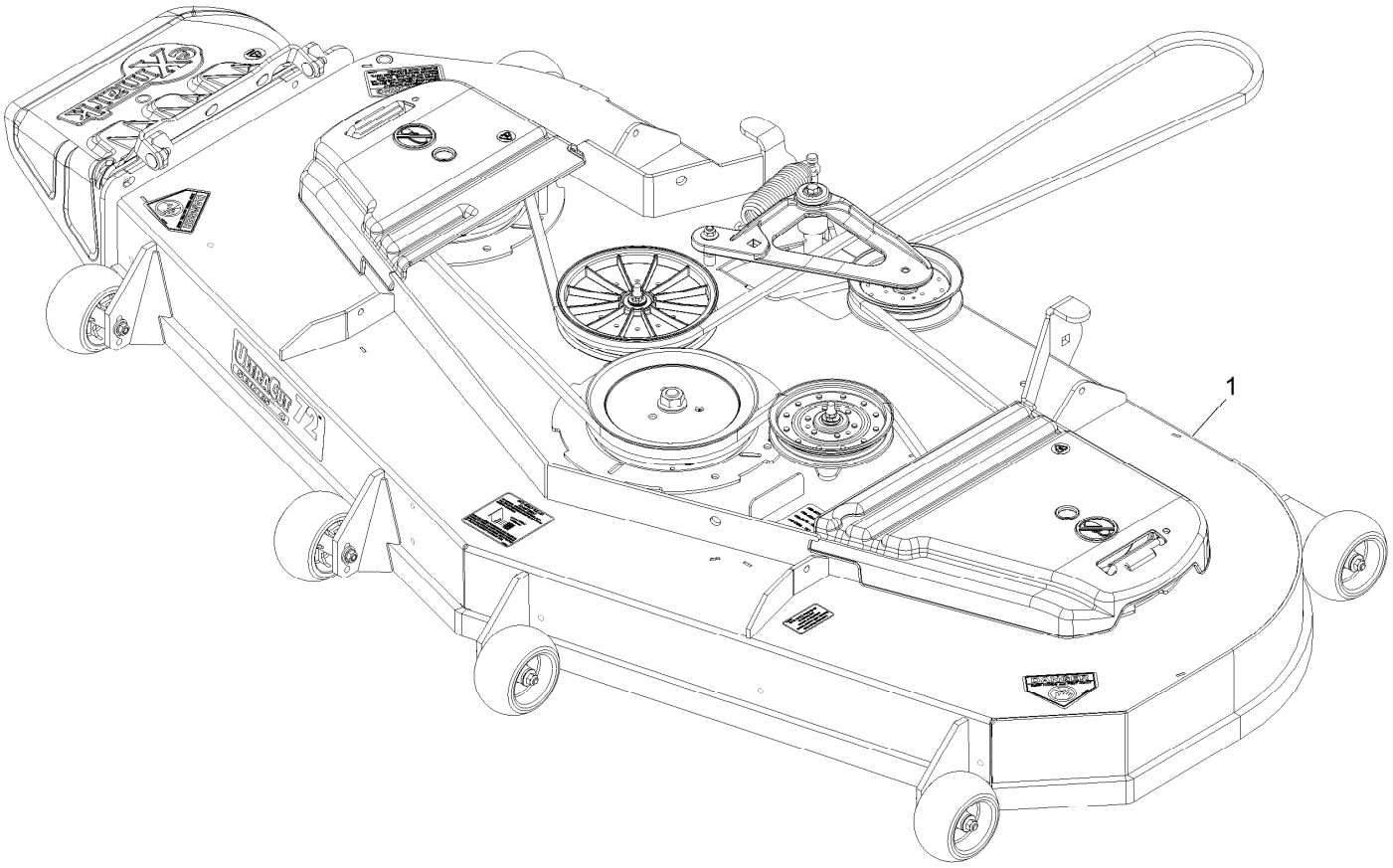
**Contact us at www.Exmark.com.**
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If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark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

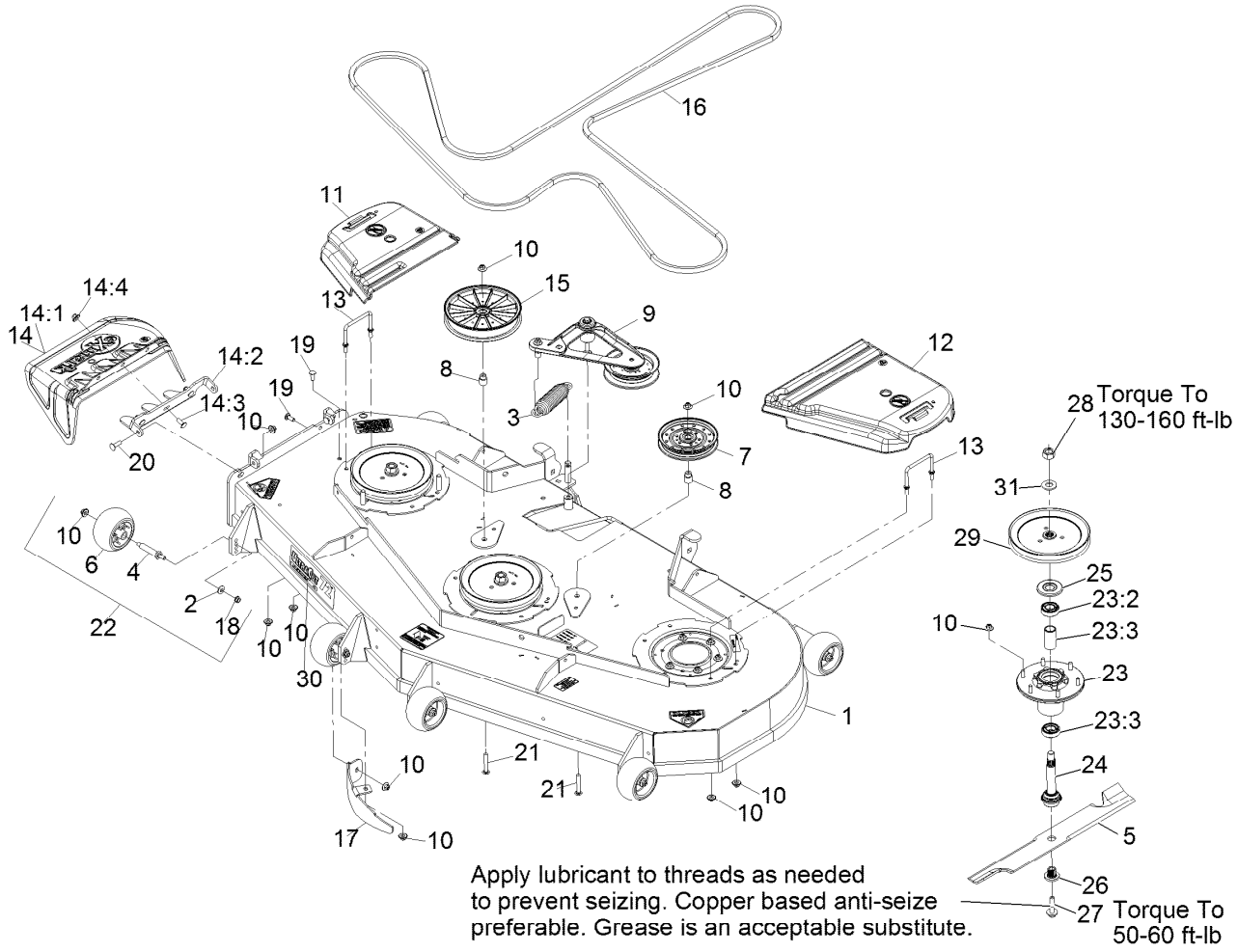
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# Complete Deck Assembly

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

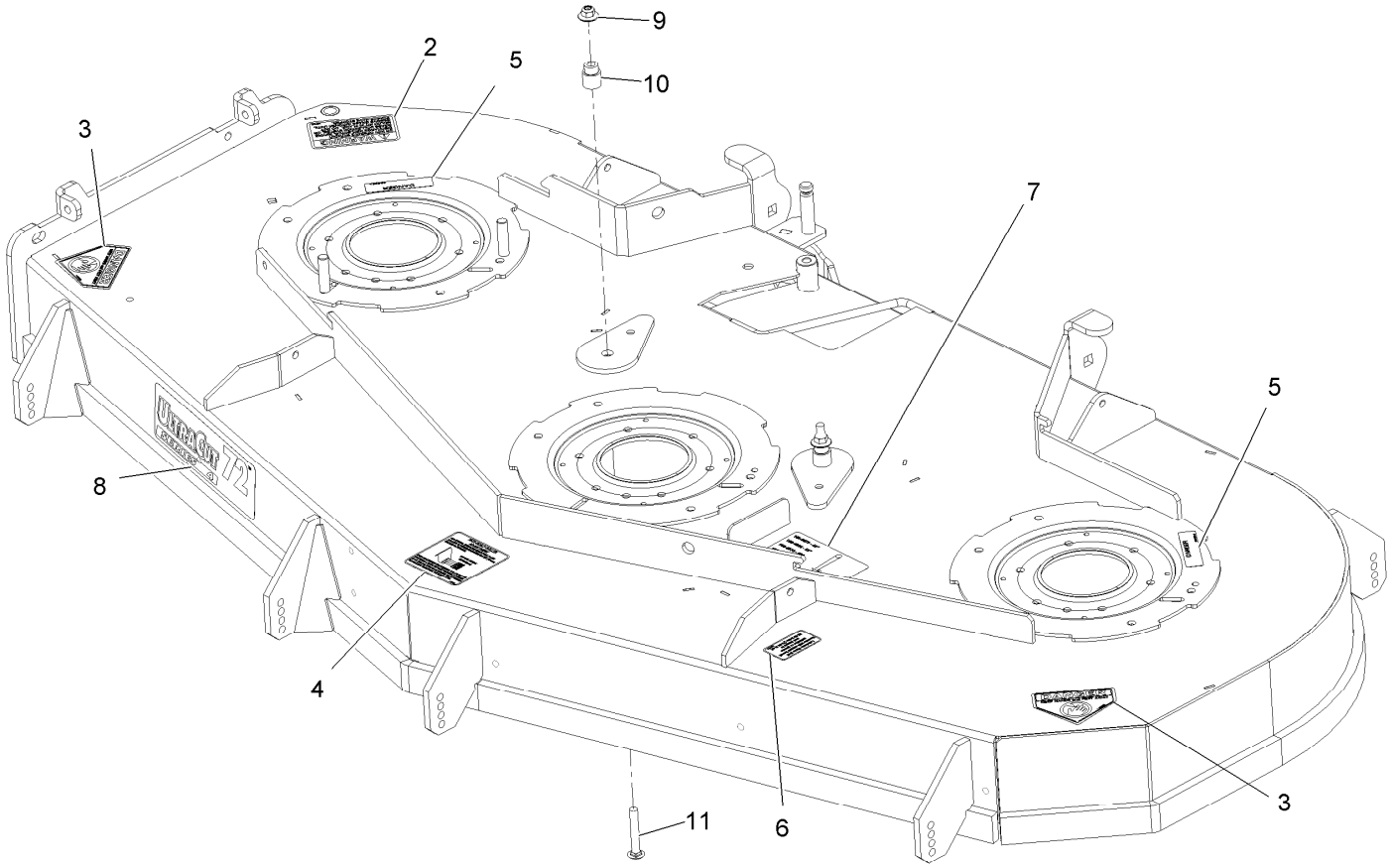



# Deck Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 116-1665 | 1 | ASM,Deck W/Decals 724 |
| 2 | 98-5975 | 6 | Washer-Spring Disc 3/8 |
| 3 | 116-6317 | 1 | Spring-Extension |
| 4 | 99-2842 | 6 | Spacer |
| 5 | 103-6384 | 3 | Blade, Solid (72") |
| 5 | 103-6389 | 3 | Blade, Low Lift (72") |
| 5 | 103-6394 | 3 | Blade, Mulching (72")● |
| 5 | 103-6404 | 3 | Blade, Notched (72") |
| 5 | 116-5171 | 3 | Blade-Extreme 2, 24.50" |
| 6 | 1-603299 | 6 | Roller-Scalp, Anti |
| 7 | 116-4667 | 1 | Idler-Pulley, Flat |
| 8 | 1-633456 | 2 | Bushing, Idler |
| 9 | 116-3755 | 1 | Deck Idler ASM |
| 10 | 109-6658 | 34 | Nut-Nyloc 3/8-16 Flg |
| 11 | 116-0094 | 1 | Cover-Belt, RH |
| 12 | 109-6938 | 1 | Cover-Belt, LH |
| 13 | 109-6982 | 2 | Wireform-Cover |
| 14 | 109-7188 | 1 | ASM,Discharge Chute |
| 14:1 | 109-2738 | 1 | Chute, Discharge |
| 14:2 | 109-8675-01 | 1 | Bracket,Discharge Chute |
| 14:3 | 3231-22 | 3 | Bolt-Carriage 3/8-16 X 1 |
| 14:4 | 109-6658 | 3 | Nut-Nyloc 3/8-16 Flg |

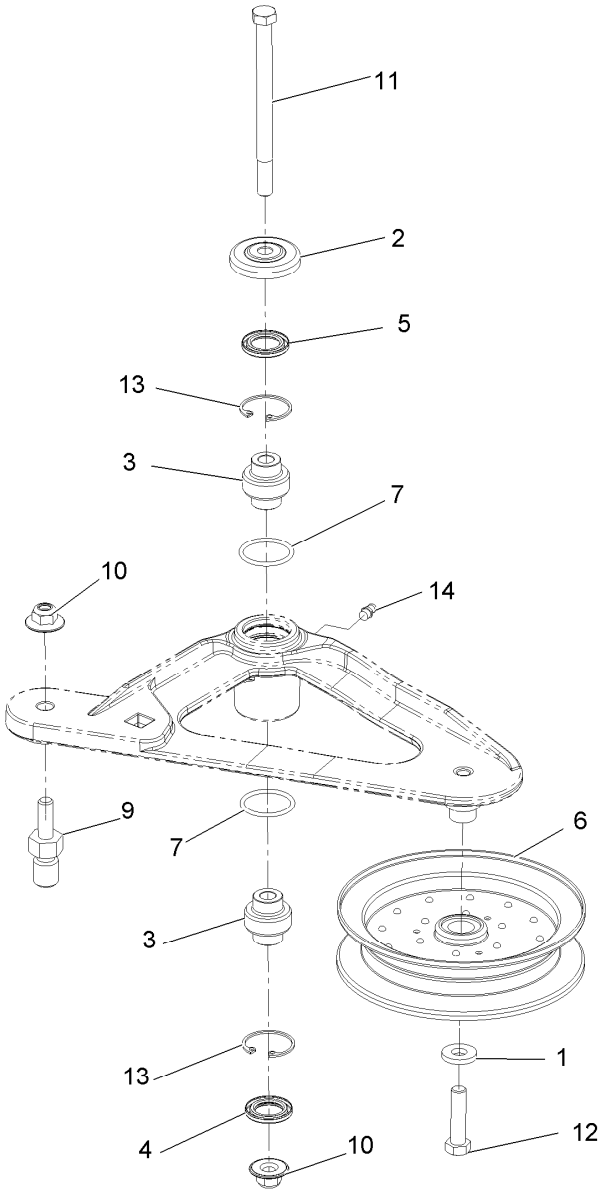
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 15 | 109-0996 | 1 | Pulley,Idler 8"flat |
| 16 | 109-9023 | 1 | Belt,V-5V X 219.00" |
| 17 | 116-5834-01 | 1 | Baffle-Dogleg, Lz72 |
| 18 | 3290-357 | 6 | Nut-Whizlock 3/8-16 |
| 19 | 3231-22 | 2 | Bolt-Carriage 3/8-16 X 1 |
| 20 | 3231-28 | 2 | Bolt-Carriage 3/8-16 X 1 1/4 |
| 21 | 3231-44 | 2 | Bolt-Carriage 3/8-16 X 2 1/2 |
| 22 | 103-4051 | 6 | Kit, Antiscalp Roller (44" And 48") |
| 23 | 116-3344 | 3 | ASM-Cutter Hsg With Bearings |
| 23:2 | 116-0720 | 2 | Bearing-Ball |
| 23:3 | 116-3312 | 1 | Spacer-Bearing |
| 24 | 116-3341 | 3 | ASM-Spindle And Seal |
| 25 | 116-1286 | 3 | Guard,Bearing Top .989 |
| 26 | 103-3037 | 3 | Bushing, Splined |
| 27 | 109-9220 | 3 | Screw-Sems 1/2-20 X 2.19 |
| 28 | 116-7306 | 3 | Nut-Hex |
| 29 | 116-1377 | 3 | Sheave,Blade Drive 8.74 |
| 30 | 116-0944 | 1 | Decal,Ultracut 72 Series 4 |
| 31 | 103-2802 | 3 | Washer-Spring Disc 3/4 |

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



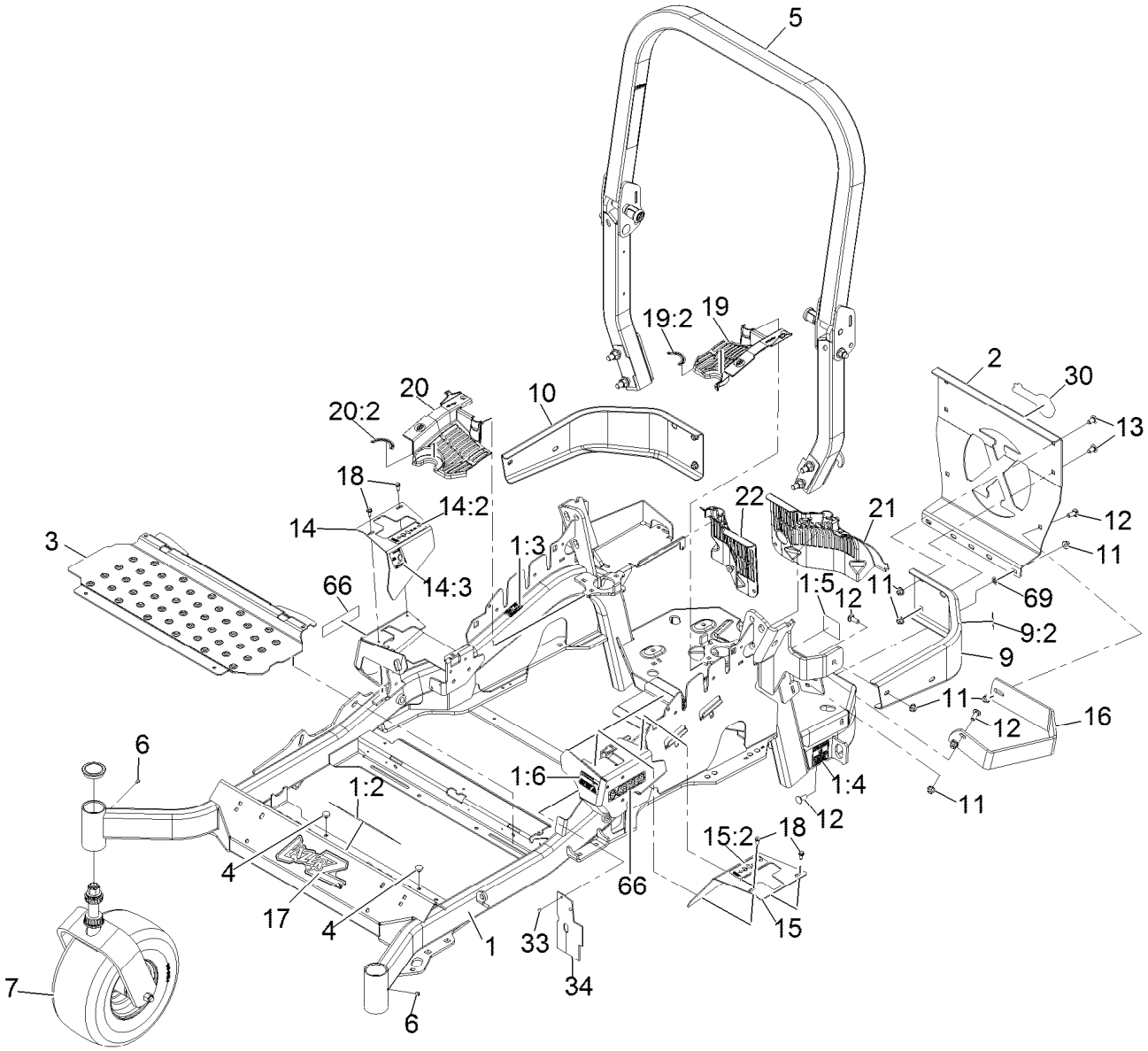

# Deck W/Decals Assembly No. 116-1665

| *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 |
| 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 |

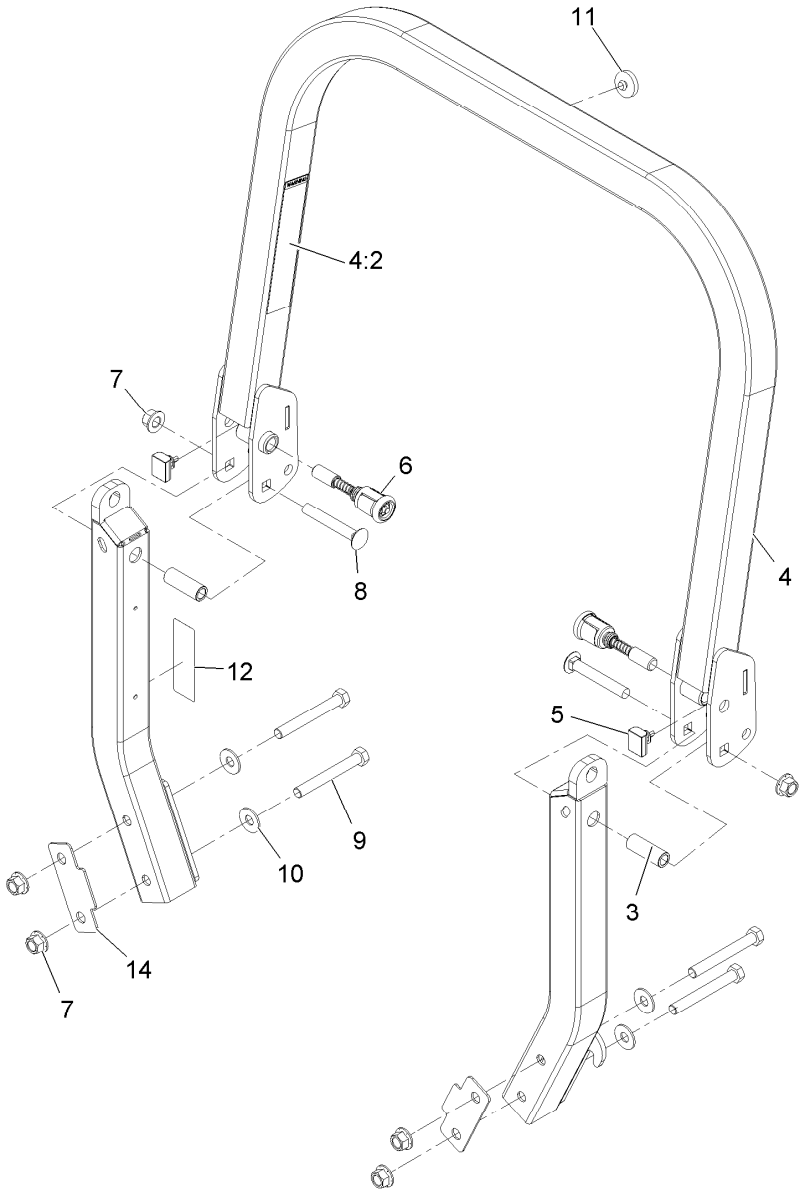



# Main Frame Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 116-5904 | 1 | Mainframe ASM |
| 1:2 | 103-2076 | 2 | Decal-Caution |
| 1:3 | 116-3303 | 1 | Decal-Slope |
| 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 | 116-0230 | 1 | ASM,ROPS Service Exmark |
| 6 | 1-811010 | 2 | Plug |
| 7 | | 2 | Caster Wheel ASM ● |
| 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 |
| 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 |

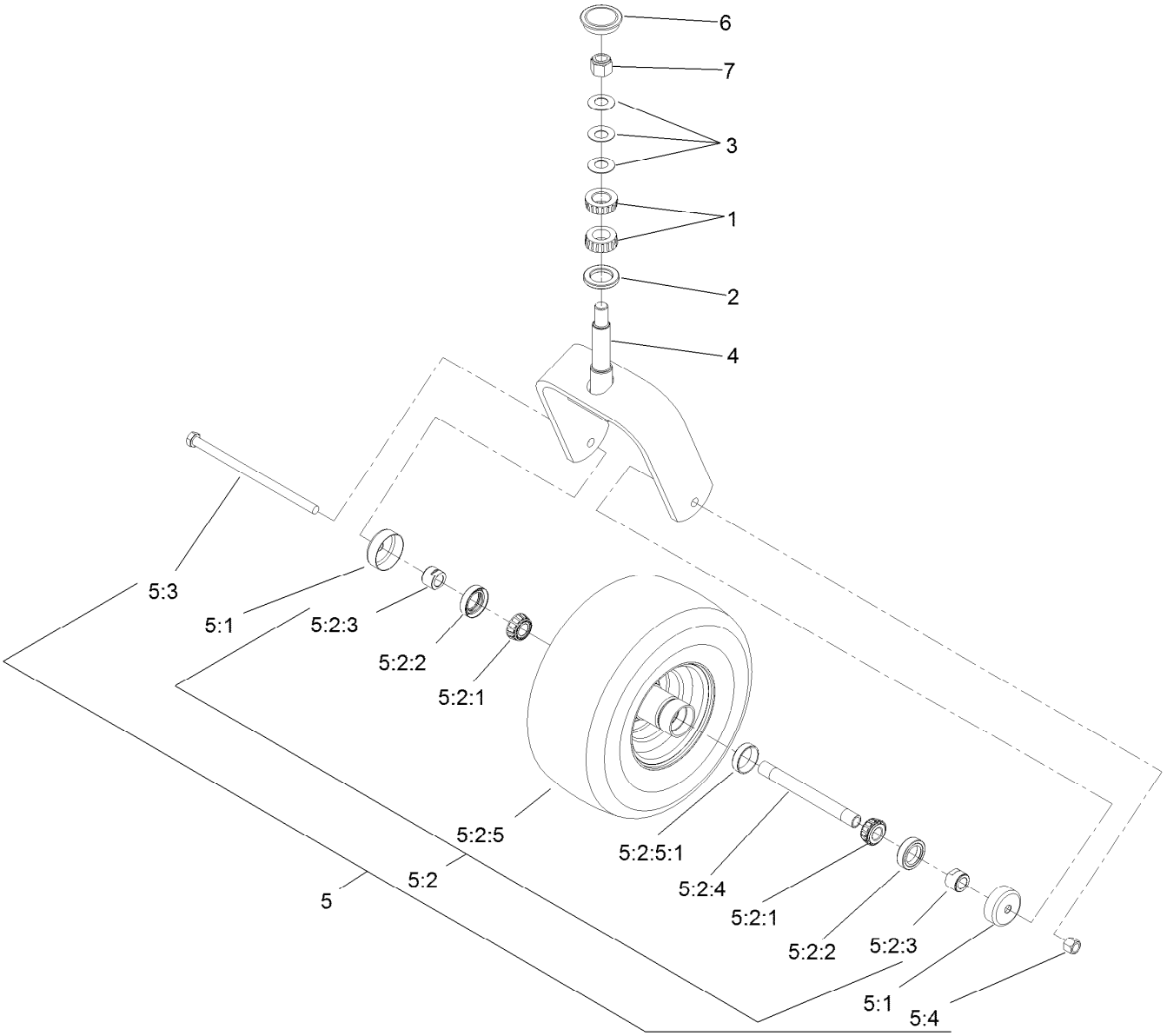
● Not serviced separately

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 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 |
| 19 | 116-0170 | 1 | LH Hydro Guard ASM |
| 19:2 | 116-0157 | 1 | Decal-Hydro Oil |
| 20 | 116-0171 | 1 | RH Hydro Guard ASM |
| 20:2 | 116-0157 | 1 | Decal-Hydro Oil |
| 21 | 109-9057 | 1 | Guard-Hydro, Rear LH |
| 22 | 109-9058 | 1 | Guard-Hydro, Rear RH |
| 30 | 103-2883 | 1 | Decal |
| 33 | 1-803035 | 2 | Rivet 3/16 X 1/4 |
| 34 | 116-2362 | 1 | Deflector-Air Flow |
| 66 | 116-3884 | 2 | Decal-S-Series |
| 69 | 107-3154 | 2 | Nut-Push 3/8-16 |




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

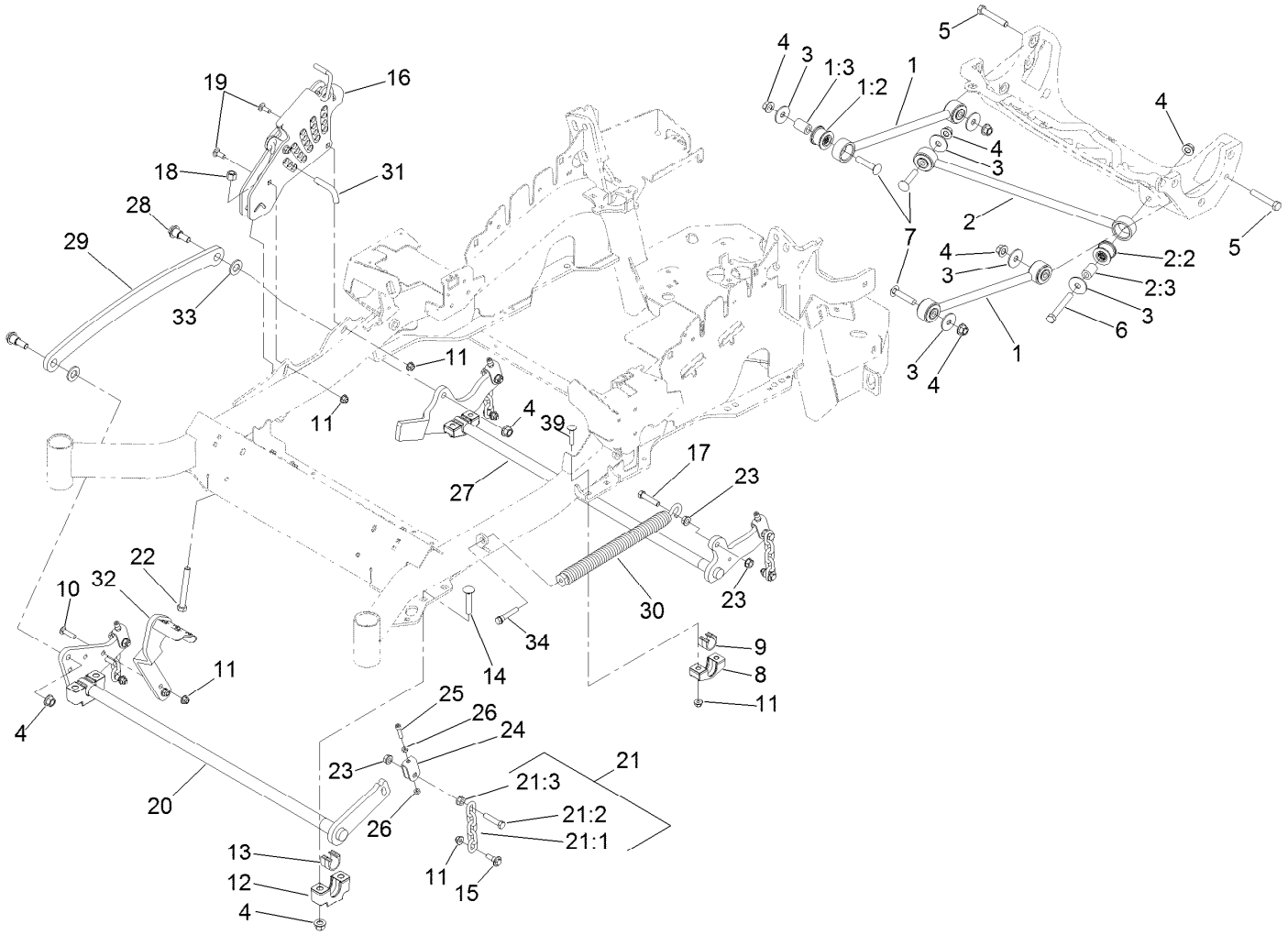
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 3 | 109-6653 | 2 | Spacer |
| 4 | 116-0019 | 1 | Upper ROPS ASM |
| 4:2 | 107-2102 | 1 | Decal-Warning, Folding ROPS |
| 5 | 109-5337 | 2 | Bumper-ROPS |
| 6 | 116-0104 | 2 | Spring Pin ASM |
| 7 | 99-5107 | 6 | Nut-Lock 1/2-13 |
| 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 |
| 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 | Bearing-Roller, Tapered |
| 2 | 116-5647 | 1 | Seal-Grease |
| 3 | 1-633508 | 3 | Washer-Bellville |
| 4 | 116-6707-01 | 1 | Caster |
| 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, Taper |
| 5:2:2 | 103-0063 | 2 | Seal-Caster |
| 5:2:3 | 103-3051 | 2 | Spacer-Nut ■ |
| 5:2:4 | 103-5156 | 1 | Axle-Caster |
| 5:2:5 | | 1 | Wheel And Tire ASM ● |
| 5:2:5:1 | 1-633584 | 1 | Bearing-Cup |
| 5:3 | 325-39 | 1 | Screw-HH |
| 5:4 | 3296-23 | 1 | Nut-Lock, NI |
| 6 | 103-4882 | 1 | Cap-Grease |
| 7 | 3296-51 | 1 | Nut-Lock, NI |

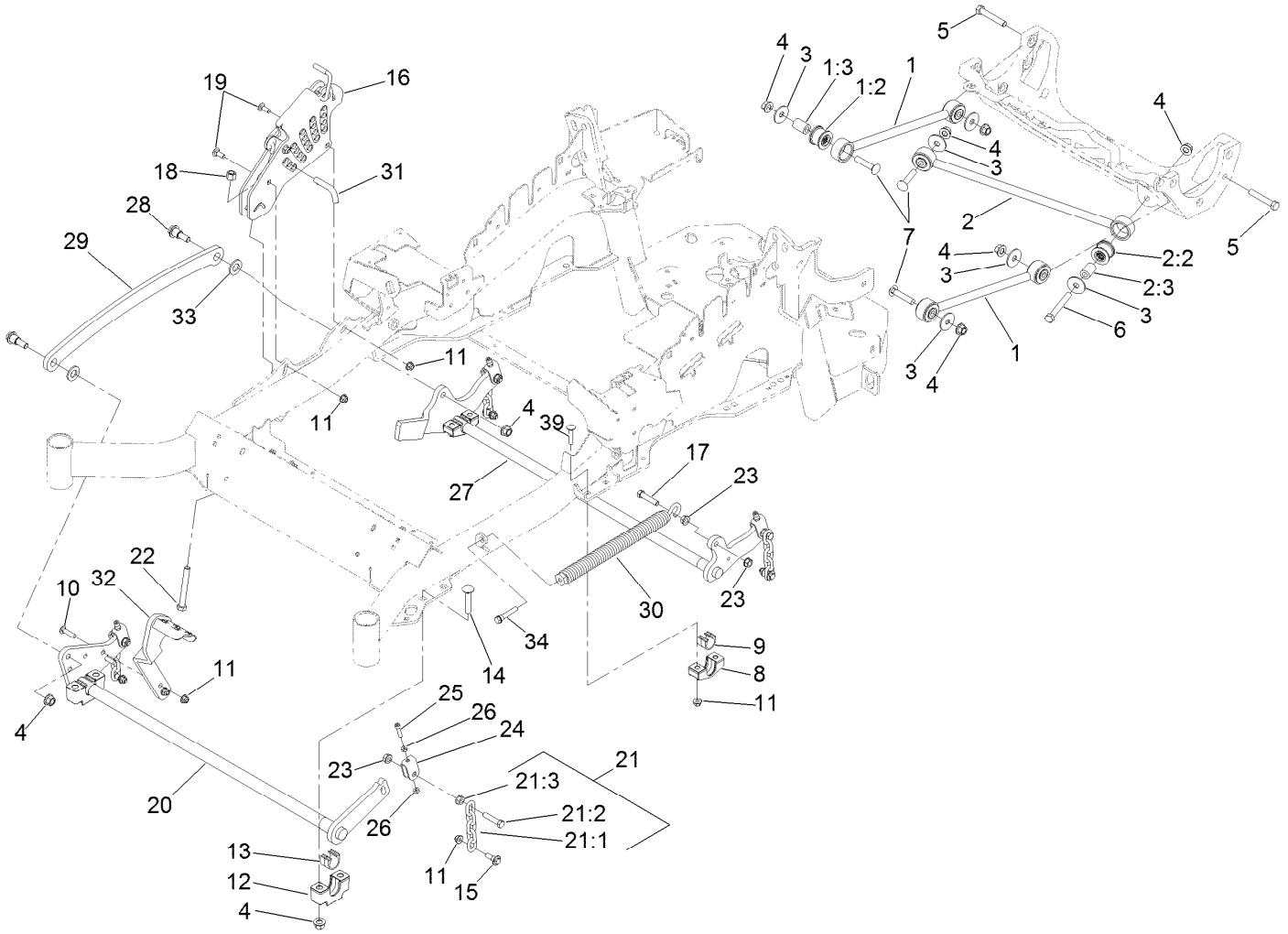
● Not serviced separately
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.




# Decklift Assembly

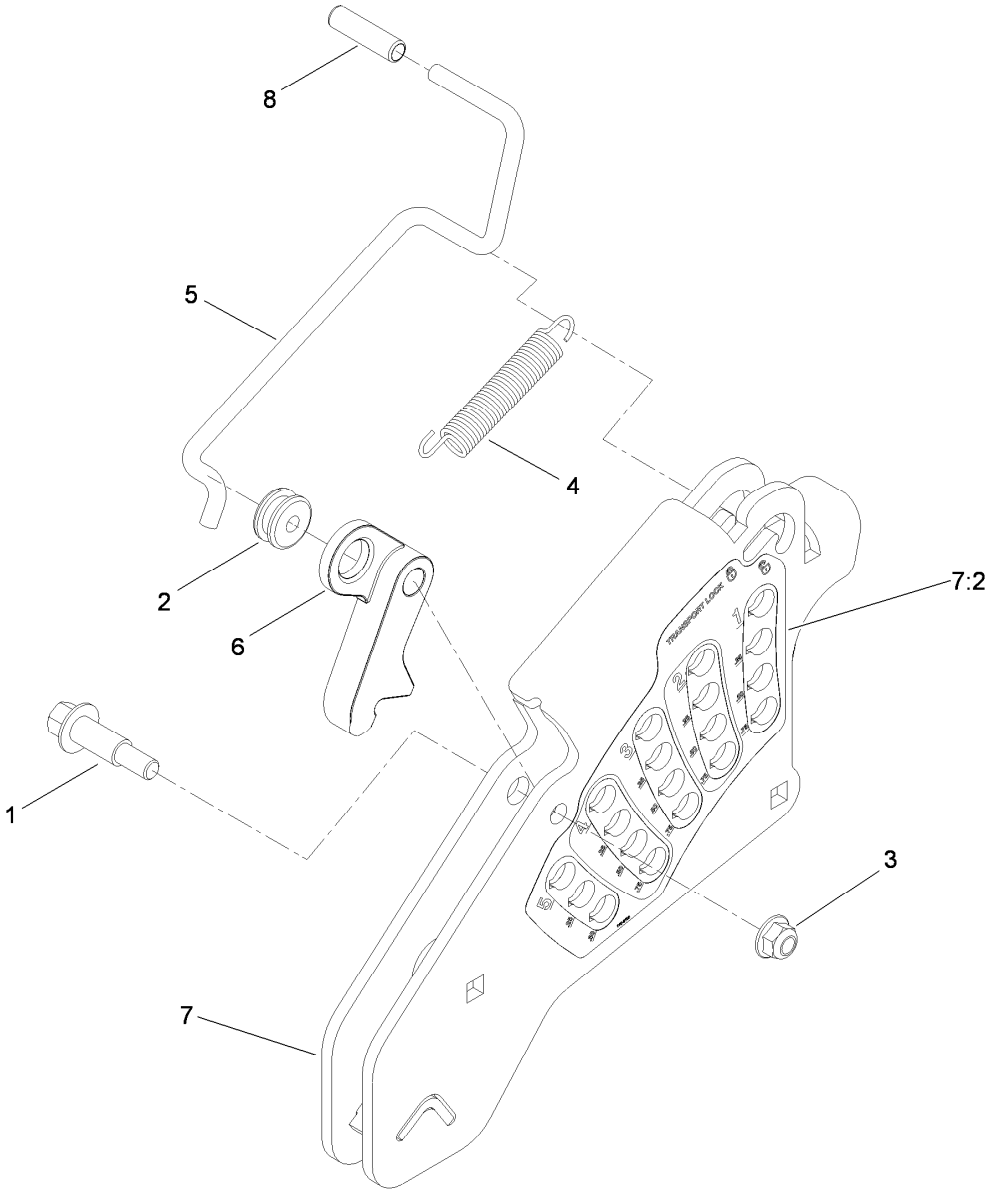
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 109-7952 | 2 | Deck Strut ASM |
| 1:2 | 109-5009 | 2 | Bushing-Suspension, Rubber |
| 1:3 | 109-5010 | 2 | Spacer |
| 2 | 109-5013 | 1 | Panhard Rod ASM |
| 2:2 | 109-5009 | 2 | Bushing-Suspension, Rubber |
| 2:3 | 109-5010 | 2 | Spacer |
| 3 | 86-1990 | 6 | Washer |
| 4 | 99-5107 | 12 | Nut-Lock |
| 5 | 325-12 | 2 | Screw-HH |
| 6 | 325-17 | 1 | Screw-HH |
| 7 | 3233-34 | 3 | Screw-CARR |
| 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 | 12 | Nut-Flange, NI |
| 12 | 109-9409 | 2 | Support-Cross Shaft, Front Bearing |
| 13 | 109-9410 | 2 | Bearing-Cross Shaft, Front |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 14 | 116-1700 | 4 | Bolt-CARR |
| 15 | 109-9840 | 4 | 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 | 4 | Deck Lift Chain ASM |
| 21:1 | 1-633447 | 1 | Chain-Lift, Deck |
| 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 | 116-0000 | 1 | Extension Spring ASM |
| 31 | 116-5584 | 1 | Pin-HOC |



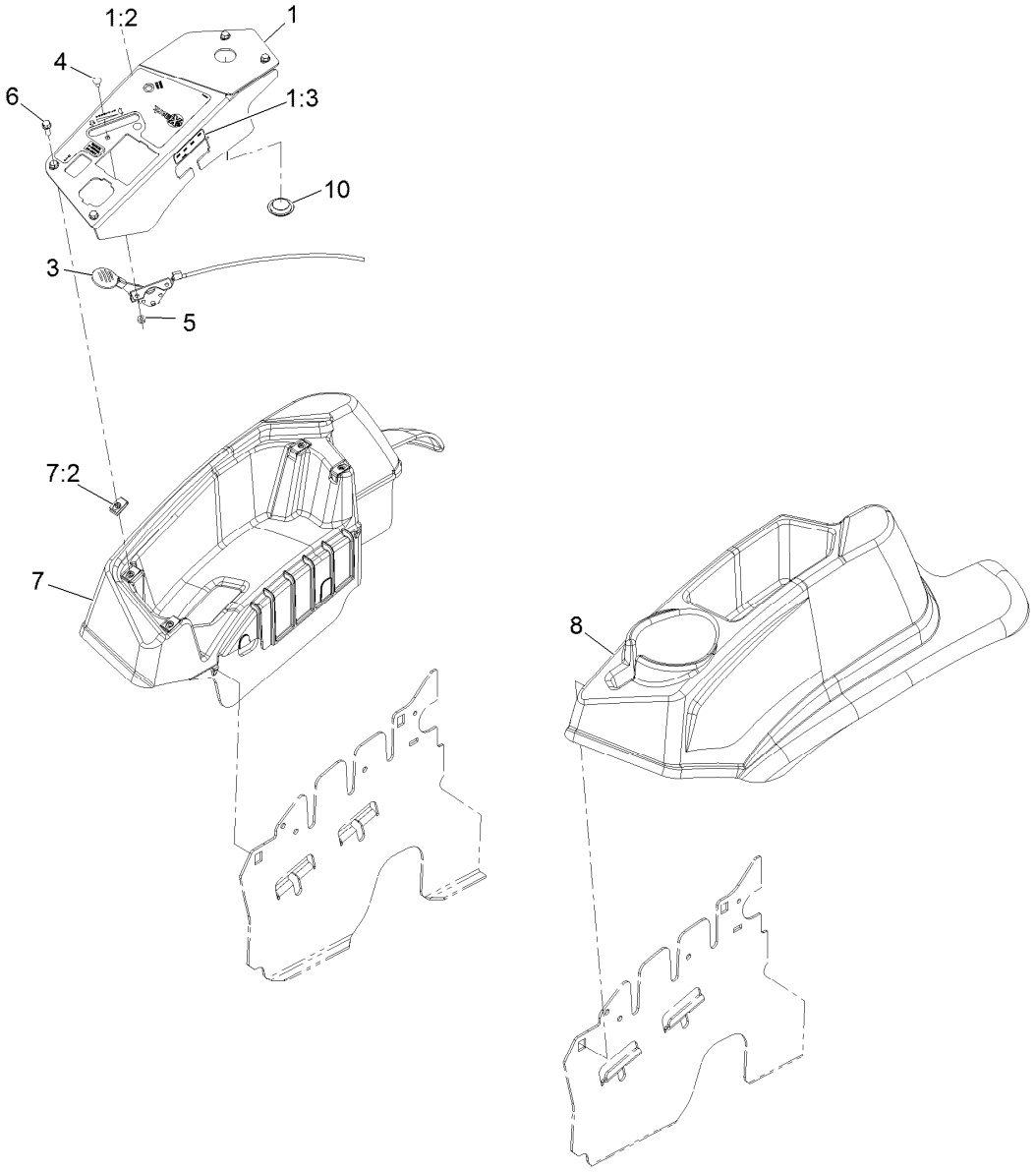

# Decklift Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 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 |



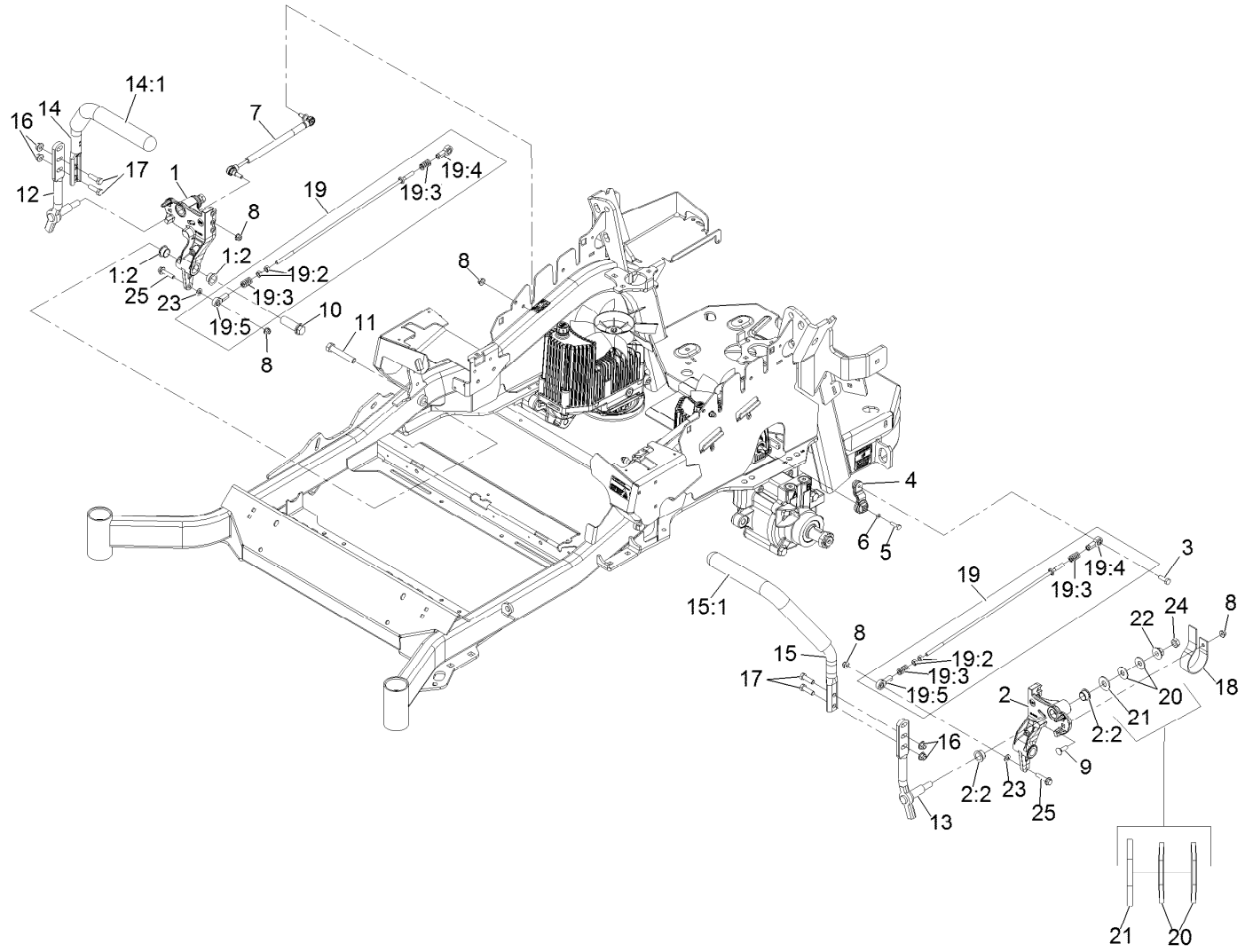

# Height-of-Cut Assembly No. 109-7438

| *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

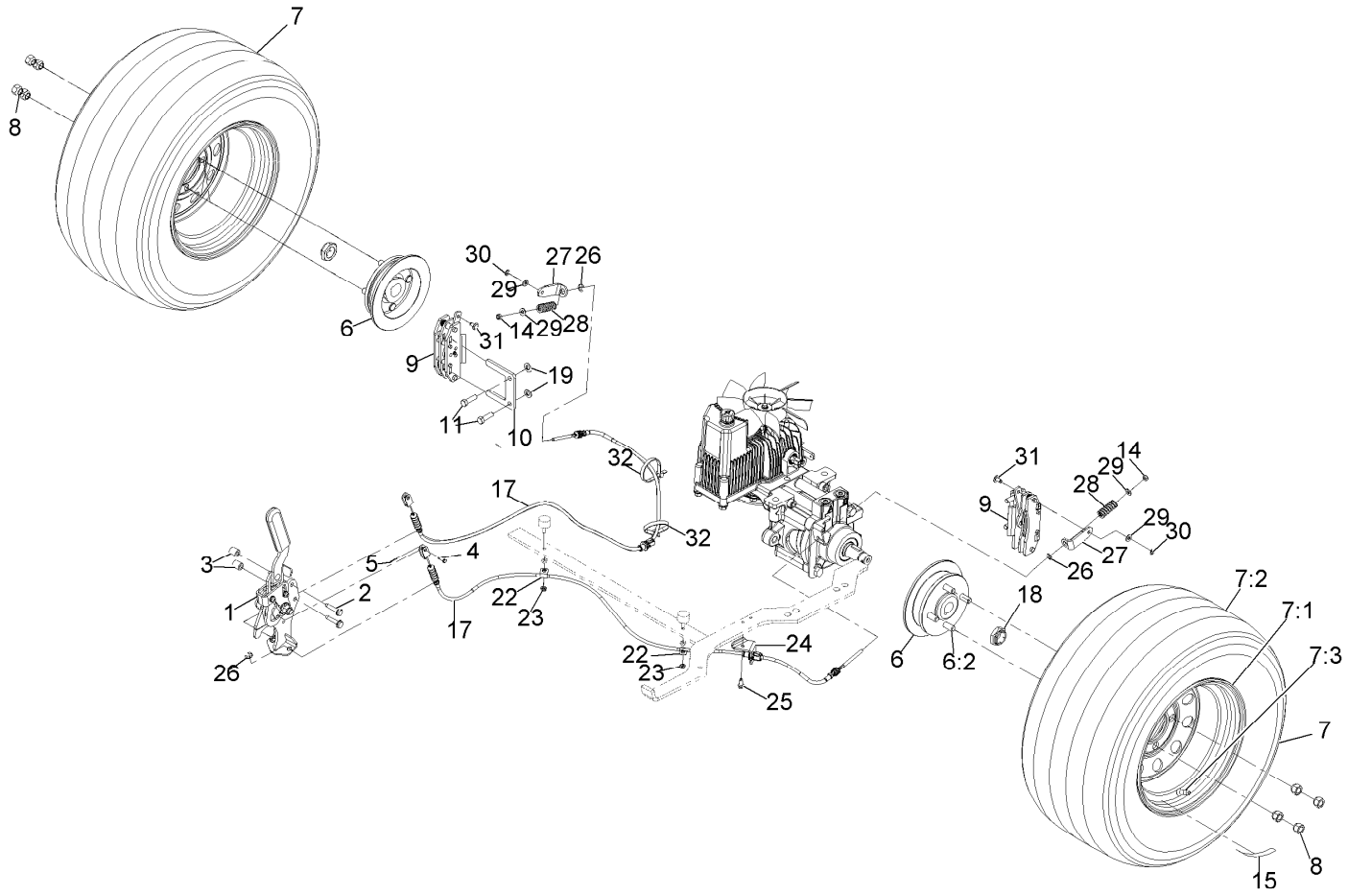
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 116-2845 | 1 | ASM,Control Panel W/Decal |
| 1:2 | 116-2844 | 1 | Decal,Control Panel Efi |
| 1:3 | 109-7330 | 1 | Decal-Fuse |
| 3 | 116-0969 | 1 | ASM,Throttle Cable |
| 4 | 1-807513 | 2 | Bolt-Carriage #10-24 X 1/2 |
| 5 | 3296-2 | 2 | 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 |
| 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 |
| 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 | 109-8106 | 2 | Front Pump Linkage 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 |

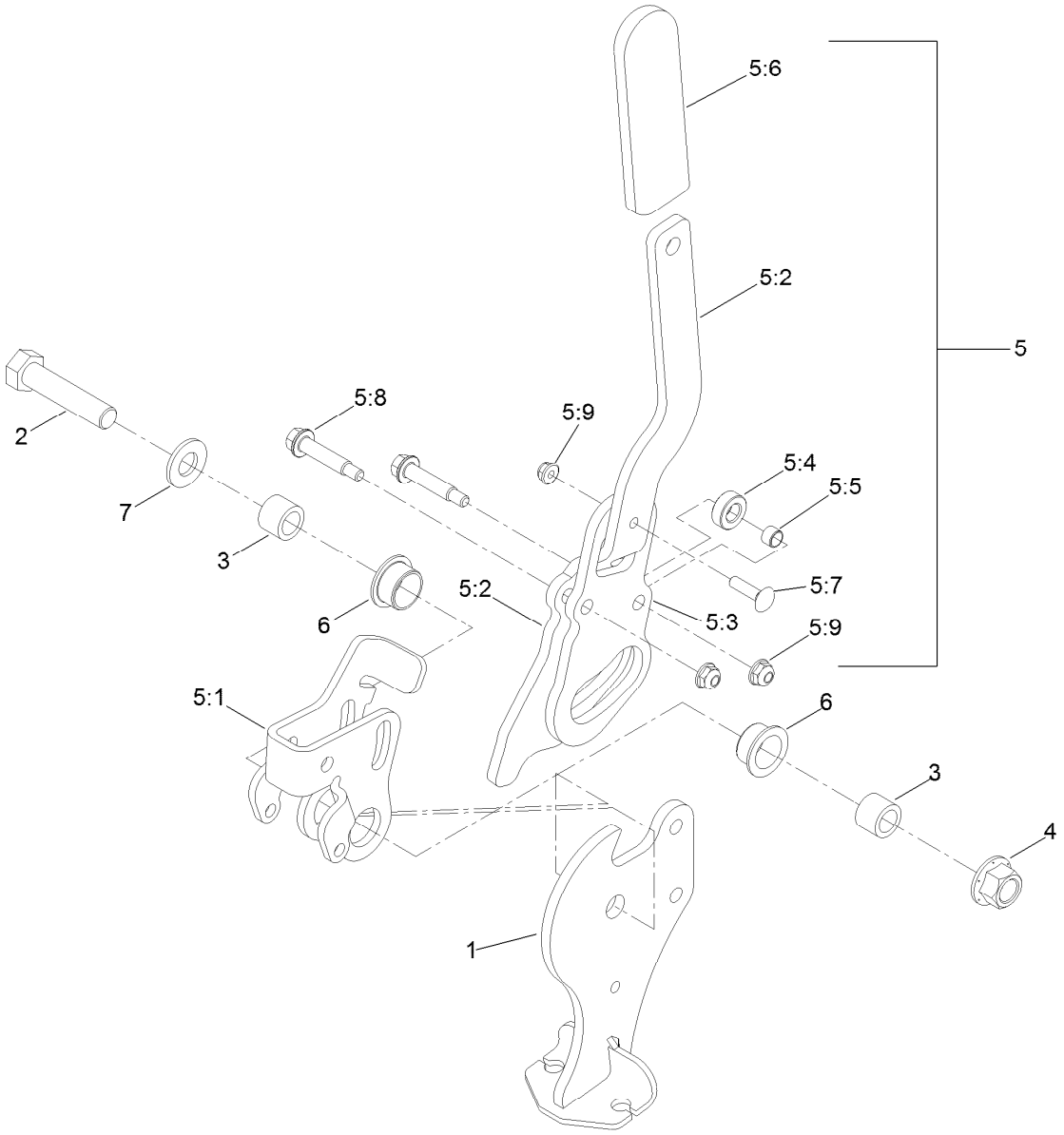
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.




# 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 | 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 |
| 10 | 109-0958 | 2 | Plate-Mount, Brake |
| 11 | 92-5727 | 4 | Screw-HH 3/8-16 X 1 1/4 Patch Lock |

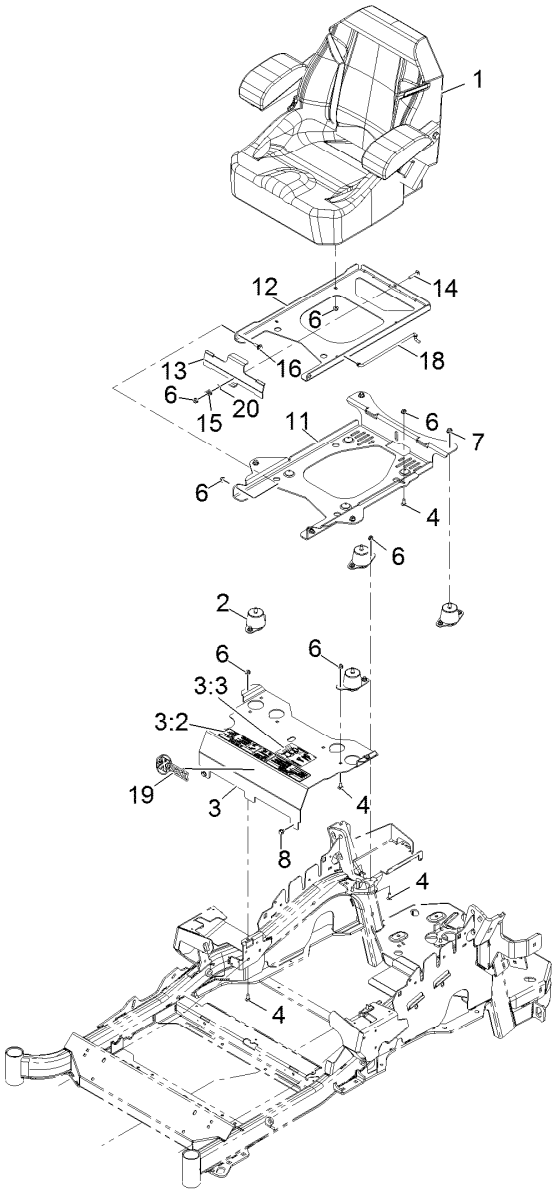
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 14 | 3296-13 | 2 | Nut-Nyloc 1/4-28 |
| 15 | 116-2643 | 2 | Decal-Wheel Nut Torque |
| 17 | 116-6365 | 2 | Cable-Park Brake, LH |
| 18 | 116-1399 | 2 | Locknut |
| 19 | 3256-24 | 4 | Washer-3/8 Sae |
| 22 | 88-7970 | 2 | Clip |
| 23 | 3296-56 | 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 |
| 3 | 116-5384 | 2 | Spacer |
| 4 | 99-5107 | 1 | Nut-Lock |
| 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 |

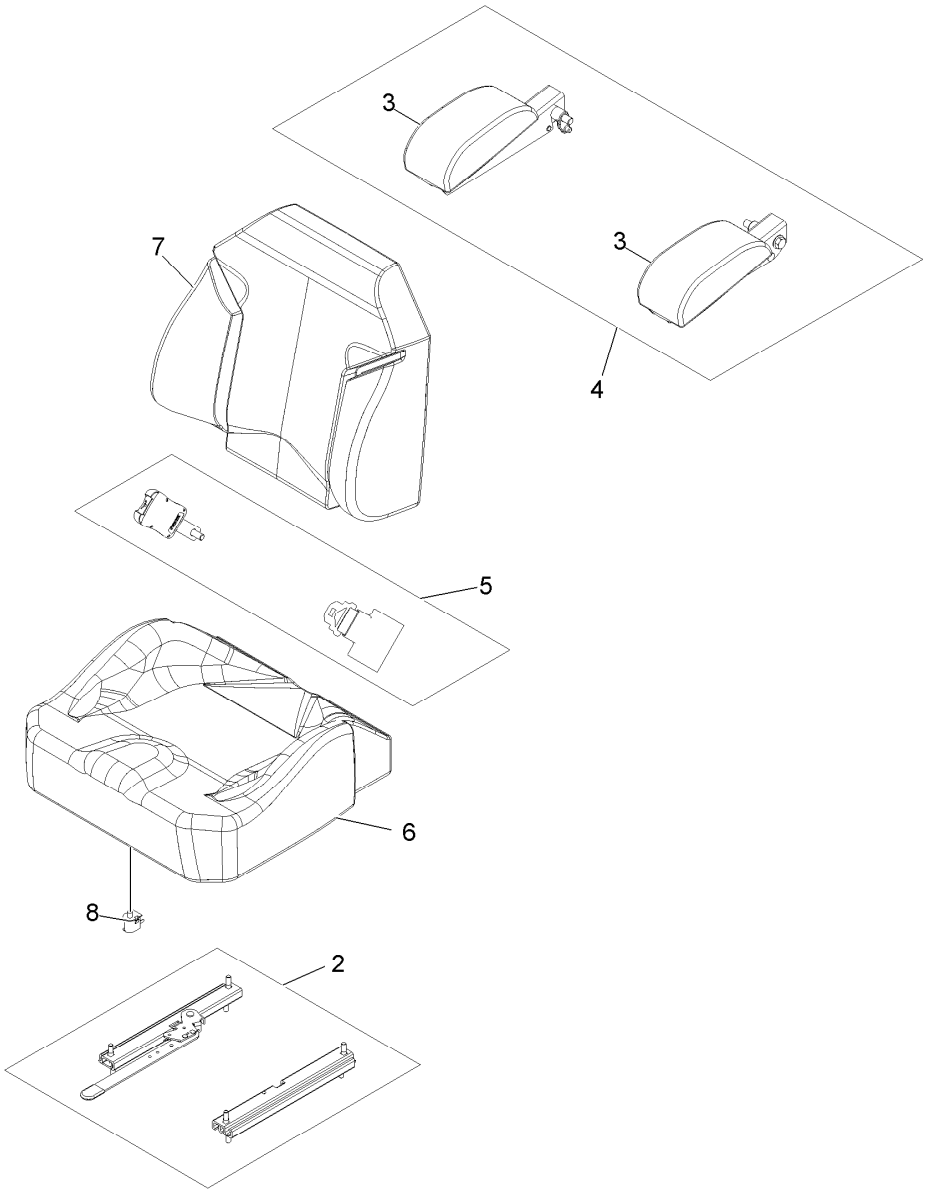
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 5:4 | 116-6846 | 1 | Roller-Brake |
| 5:5 | 116-6852 | 1 | Bearing-Sleeve |
| 5:6 | 1-633268 | 1 | Grip-Lever |
| 5:7 | 3229-2 | 1 | Screw-CARR |
| 5:8 | 116-6876 | 2 | Screw-Shoulder |
| 5:9 | 104-7201 | 3 | Nut-HF |
| 6 | 109-8054 | 2 | Bushing-Flange |
| 7 | 3256-26 | 1 | Washer-Flat |




# Seat Assembly

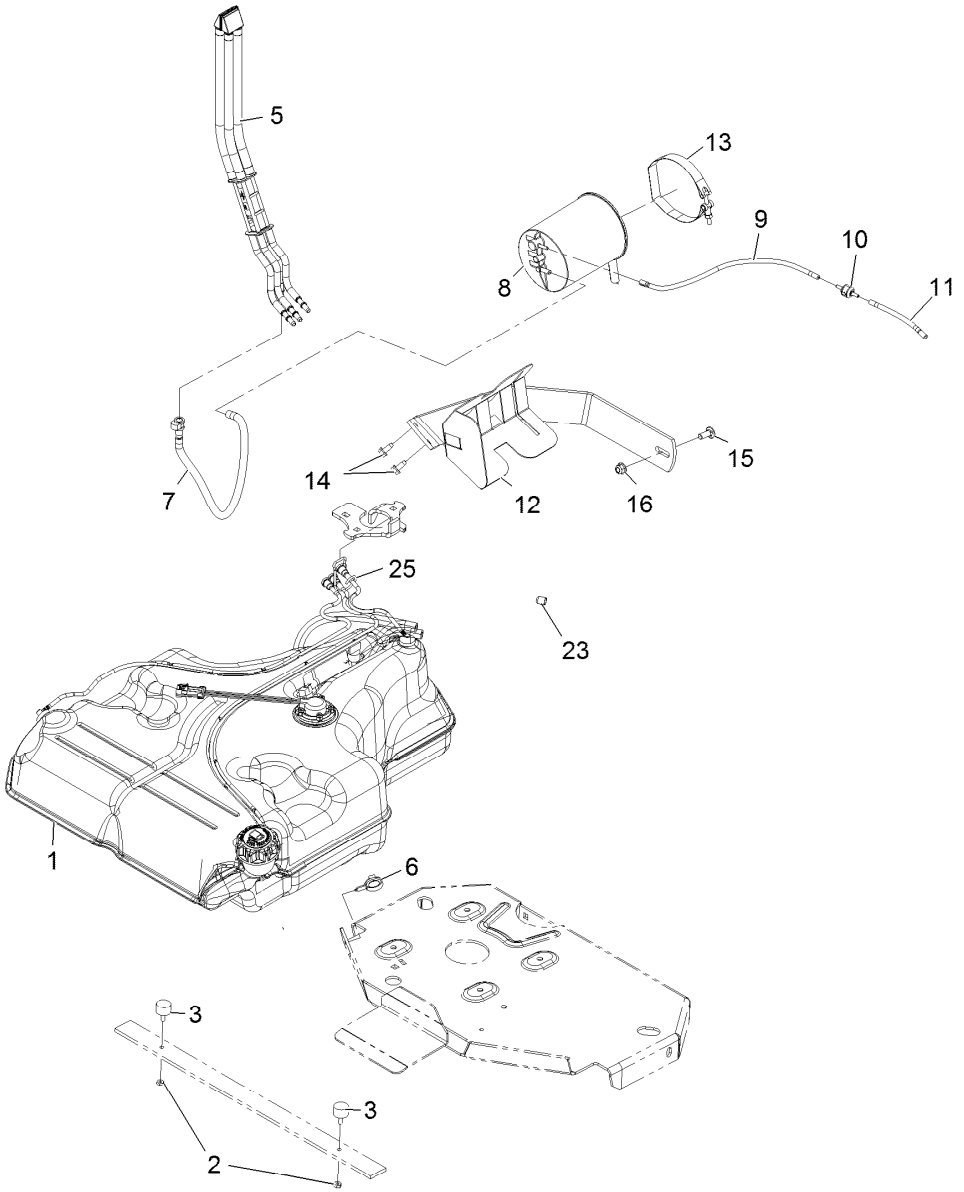
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 116-4474 | 1 | Seat,Exmark Standard Service |
| 2 | 109-9034 | 4 | Isolator-Seat |
| 3 | 116-2323 | 1 | Mount-Seat |
| 3:2 | 109-7069 | 1 | Decal-Console |
| 3:3 | 116-0211 | 1 | Decal-Service Aid |
| 4 | 3230-23 | 11 | Bolt-Carriage 5/16-18 X 3/4 Short Neck |
| 6 | 104-8300 | 18 | Nut-Nyloc 5/16-18 Flg |
| 7 | 104-8301 | 4 | Nut-Nyloc 3/8-16 Flg |
| 8 | 9266934 | 2 | Screw-HWH 5/16 X 1/2 Tf |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 11 | 116-3860-03 | 1 | Plate-Tilt, Seat Support |
| 12 | 116-3859-03 | 1 | Plate-Seat, Frame |
| 13 | 109-9881-03 | 1 | Plate-Latch, Seat |
| 14 | 3230-4 | 1 | Bolt-Carriage 5/16-18 X 1 1/2 |
| 15 | 107-3017 | 1 | Spring-Compression |
| 16 | 116-1297 | 2 | Screw-Shoulder |
| 18 | 116-0070 | 1 | Rod-Prop |
| 19 | 103-2883 | 1 | Decal |
| 20 | 3256-23 | 1 | Washer-5/16 Sae |




# Seat W/Tracks Assembly No. 116-4474

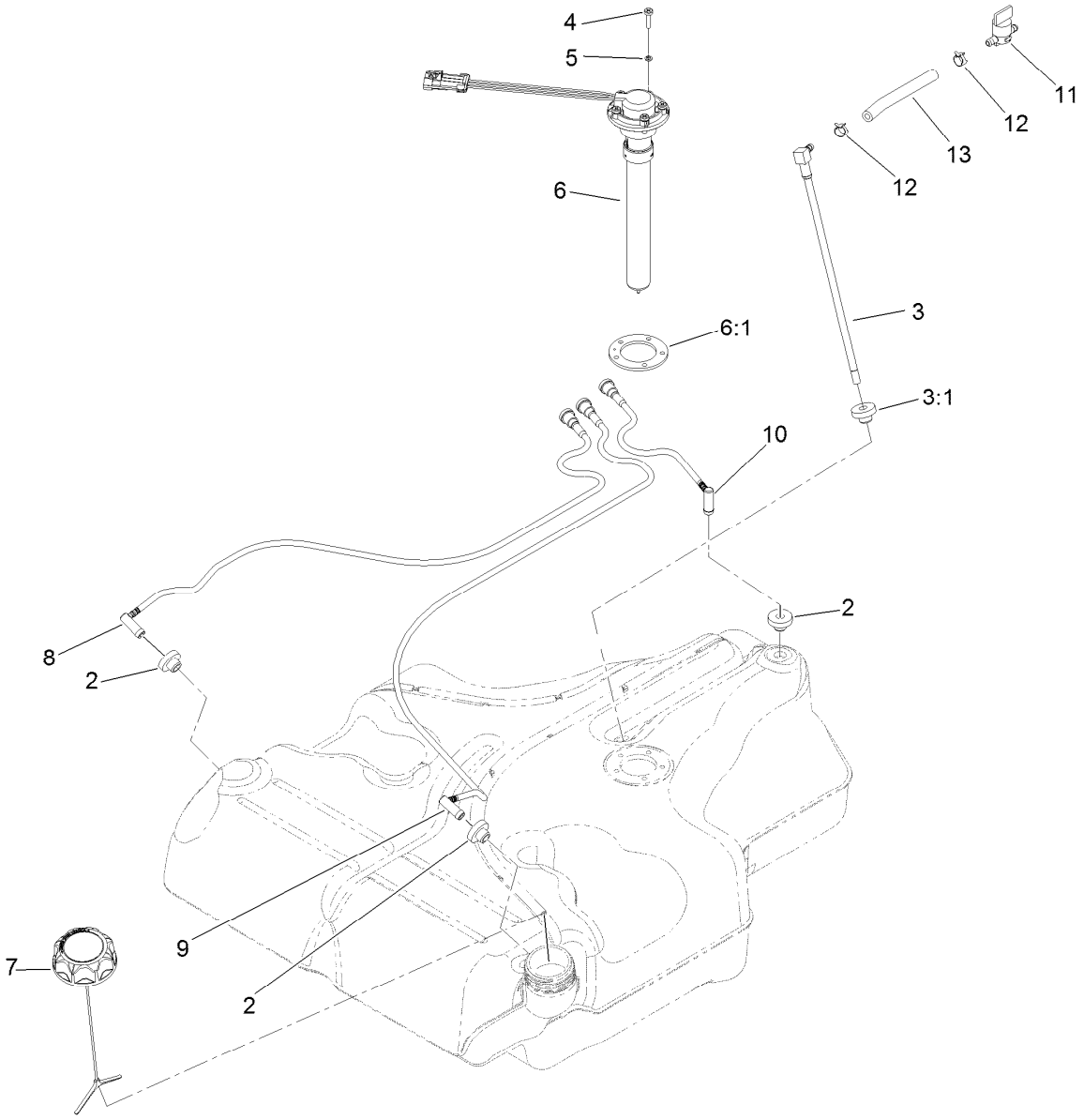
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 2 | 109-9801 | 1 | Seat Track Set |
| 3 | 109-9802 | 1 | Arm Rest Pad Set |
| 4 | 109-9803 | 1 | Arm Rest Set |
| 5 | 109-9805 | 1 | Seat Belt Kit |
| 6 | 116-4925 | 1 | Cover,Cushion |
| 7 | 116-4926 | 1 | Cover,Back |
| 8 | 82-2190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




# Fuel Tank Mounting Assembly

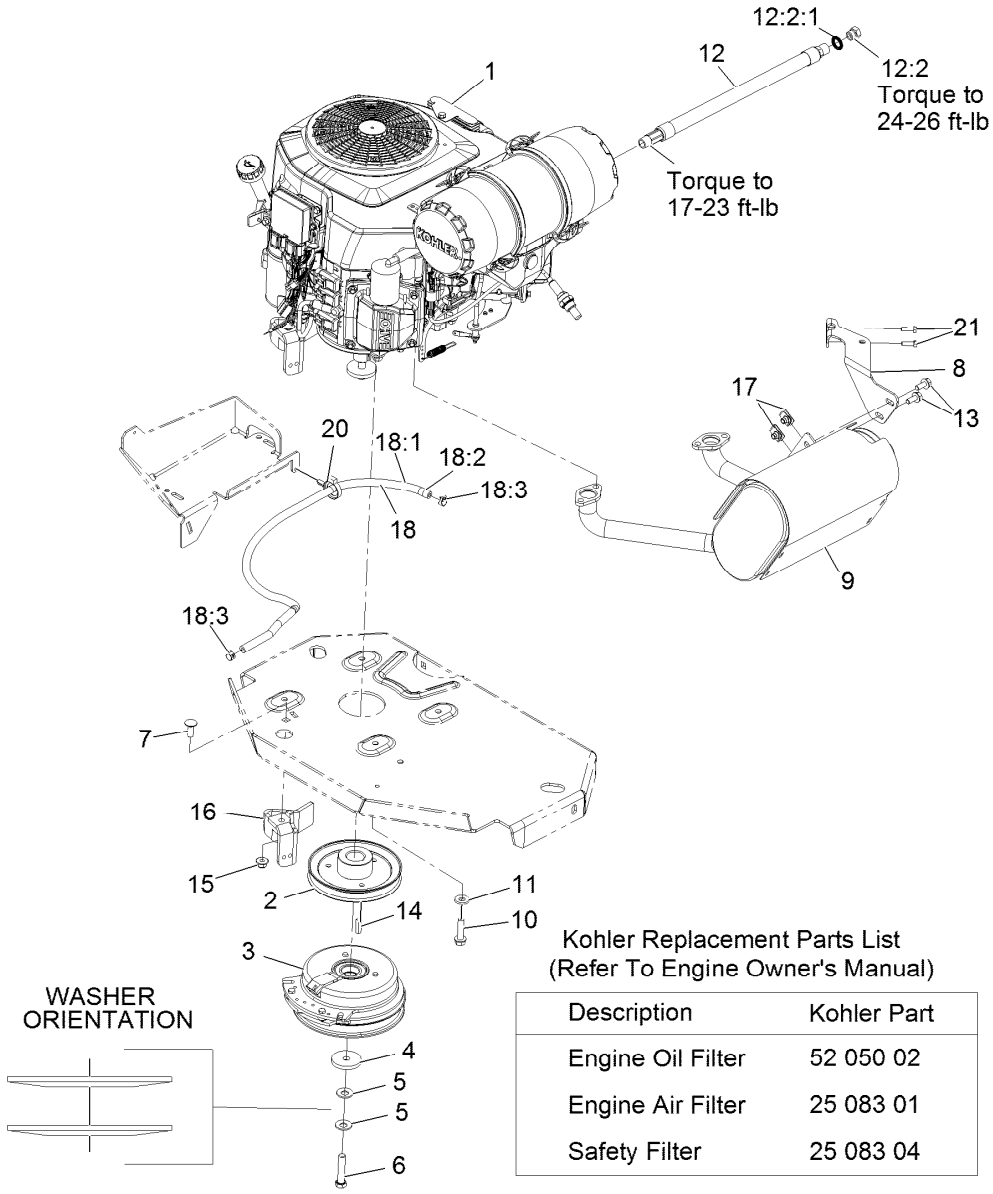
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 116-3979 | 1 | Fuel Tank ASM |
| 2 | 3218-1 | 2 | Nut-Jam |
| 3 | 116-6380 | 2 | Bumper-Rubber (W/ Stud) |
| 5 | 109-9491 | 1 | Fuel Manifold Vent ASM |
| 6 | 105-1853 | 1 | Clamp-Hose |
| 7 | 116-1702 | 1 | Vent Hose ASM |
| 8 | 116-1442 | 1 | Canister-Carbon, 1200Cc |
| 9 | 116-2963 | 1 | Hose-Vent, Formed |
| 10 | 115-7868 | 1 | Valve-Check, Vacuum |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 11 | 119-4235 | 1 | Hose-Vent, Formed |
| 12 | 116-1433-03 | 1 | Mount-Canister |
| 13 | 116-2228 | 1 | Clamp-T-Bolt |
| 14 | 32144-70 | 2 | Screw-HWH 5/16-18 X 3/4 Tf |
| 15 | 3231-22 | 1 | Bolt-Carriage 3/8-16 X 1 |
| 16 | 104-8301 | 1 | Nut-Nyloc 3/8-16 Flg |
| 23 | 116-4464 | 1 | Plug-Port |
| 25 | 116-6005 | 1 | Retainer-Vapor Line |




# 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) |
| 3:1 | 46-6560 | 1 | Bushing |
| 4 | 9107944 | 5 | Screw-Pan |
| 5 | 3253-17 | 5 | Washer-Lock |
| 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 |




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

| Description | Kohler Part |
|---|---|
| Engine Oil Filter | 52 050 02 |
| Engine Air Filter | 25 083 01 |
| Safety Filter | 25 083 04 |

# Engine Assembly

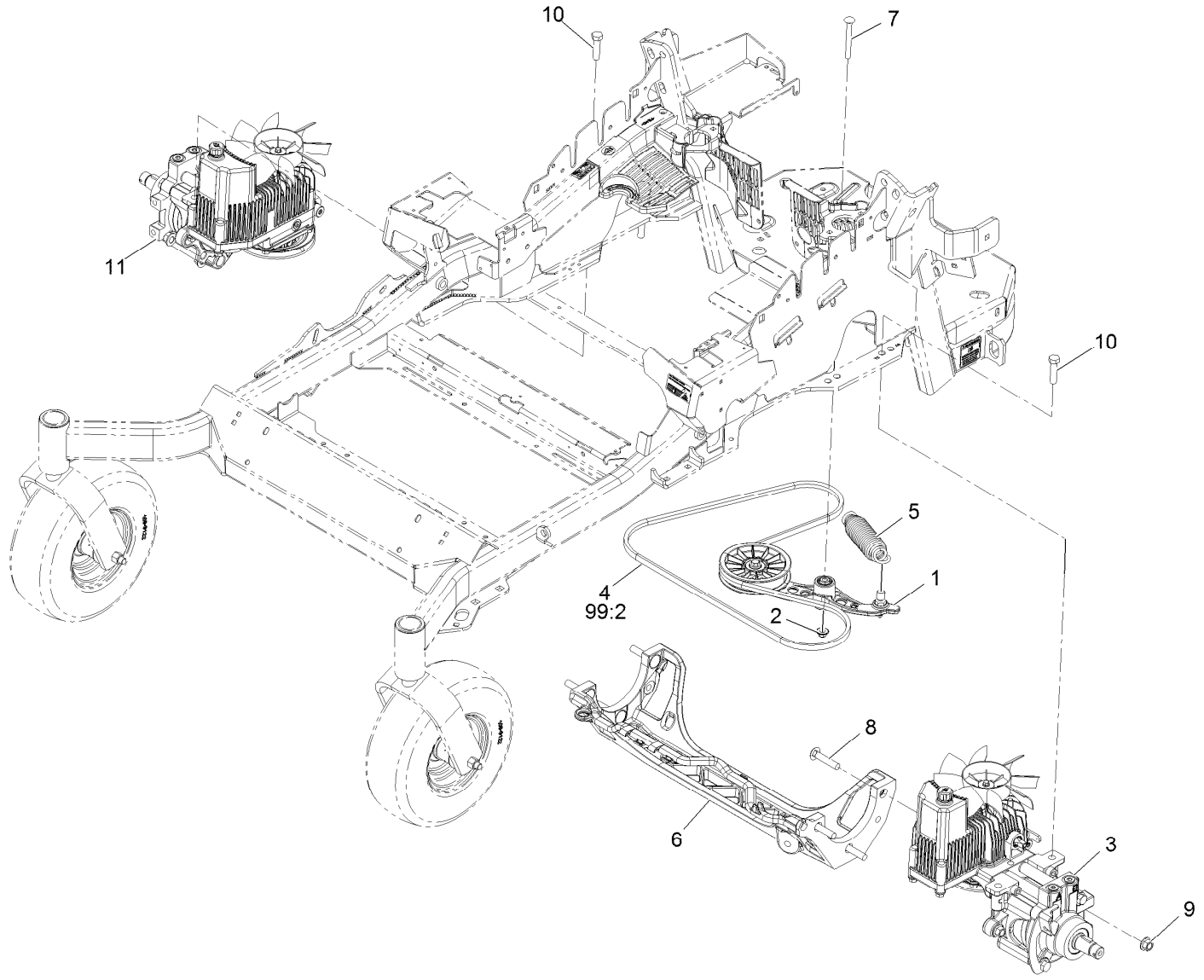
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | | 1 | Engine-Kohler ●■ |
| 2 | 109-9905 | 1 | Sheave |
| 3 | 116-1620 | 1 | Clutch Kit |
| 4 | 109-6919 | 1 | Washer-Clutch |
| 5 | 1-603610 | 2 | Washer-Spring Disc 7/16 |
| 6 | 109-9762 | 1 | Screw-HH 7/16-20 X 2 W/Loctite ▲ |
| 7 | 3231-22 | 1 | Bolt-Carriage 3/8-16 X 1 |
| 8 | 116-4297 | 1 | Muffler Bracket Kit |
| 9 | 116-2038 | 1 | Muffler |
| 10 | 32144-102 | 4 | Screw-HWH 3/8-16 X 1 1/2 Taptite |
| 11 | 98-5975 | 4 | Washer-Spring Disc 3/8 |
| 12 | 116-5316 | 1 | Oil Drain Hose ASM |

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 12:2 | 353-508 | 1 | Plug-W/O-Ring |
| 12:2:1 | 237-42 | 1 | O-Ring |
| 13 | 3234-5 | 3 | Screw-HH Flg 5/16-18 X 3/4 |
| 14 | 1-807259 | 1 | Key-Machine 1/4 X 1/4 X 1 |
| 15 | 104-8301 | 1 | Nut-Nyloc 3/8-16 Flg |
| 16 | 116-2612-01 | 1 | Clutch-Anchor |
| 17 | 94-2413 | 3 | U-Nut |
| 18 | 117-3893 | 1 | Fuel Line ASM |
| 18:1 | 109-0273 | 1 | Hose-Fuel Line 38 1/4" |
| 18:2 | 117-3892 | 1 | Sleeve-Thermal |
| 18:3 | 2412-98 | 2 | Clamp-Hose |
| 20 | 104-2490 | 1 | Clamp-Hose |
| 21 | 116-4295 | 2 | Screw-HH M6-1 X 20Mm W/Patch |

● Not serviced separately

■ Obtain parts from www.kohlerplus.com

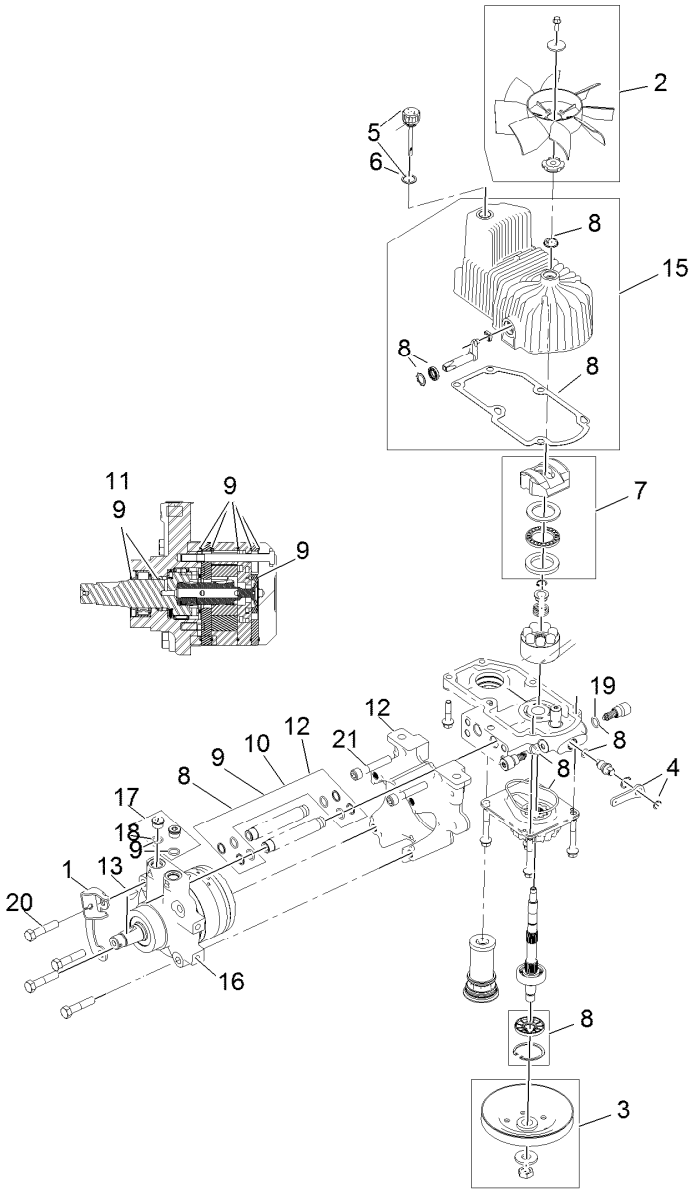
▲ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.




# 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 | 116-6413 | 1 | LH Hydro ASM (12Cc W/Shock) |
| 4 | 109-3388 | 1 | Belt |
| 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 |
| 10 | 325-8 | 4 | Screw-HH 1/2-13 X 1 1/4 |
| 11 | 116-6414 | 1 | RH Hydro ASM (12Cc W/Shock) |
| 99 | 109-9828 | 1 | Bottle-Oil, 32Oz Hydraulic ● |
| 99 | 116-0164 | 1 | Filter-Hydro ● |
| 99 | 116-1218 | 1 | Bottle,Oil 1 Gallon Hydraulic ● |
| 99 | 116-3270 | 1 | Kit, Hydro Service ● |
| 99:1 | 109-9828 | 4 | Bottle-Oil, 32Oz Hydraulic ● |
| 99:2 | 109-3388 | 1 | Belt |
| 99:3 | 116-0164 | 2 | Filter-Hydro ● |

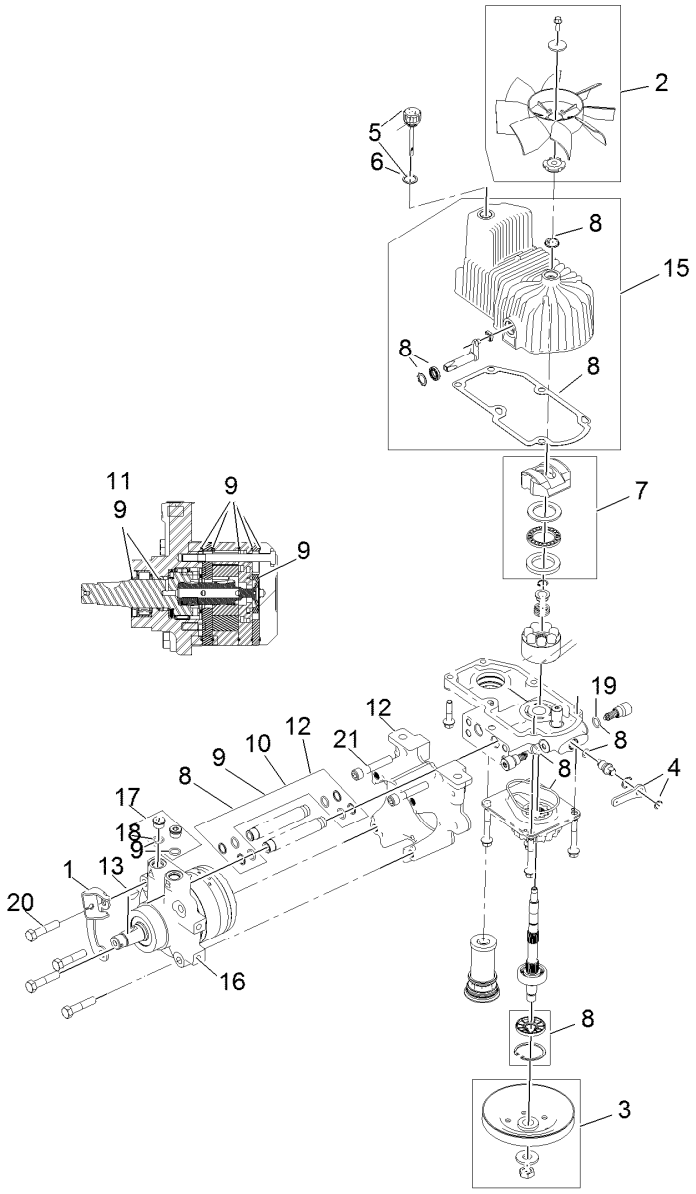
● Not illustrated




# LH Hydro Assembly No. 116-6413

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 116-6859 | 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 |
| 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 | 116-3287 | 1 | Housing-Hydro, LH |
| 16 | 116-8915 | 1 | Motor-Hydraulic LH 240Cc |
| 17 | 116-7901 | 1 | Magnetic Plugs Service Kit |
| 18 | 76-1900 | 2 | O-Ring |
| 19 | 116-8662 | 2 | O-Ring-Check Valve |
| 20 | 116-8974 | 4 | Screw-HH 1/2-20 X 2 1/4 |
| 21 | 116-8975 | 2 | Screw-HSH 1/2-20 X 2 3/4 |
| 99 | 116-1373 | 1 | Flow Test Kit ● |

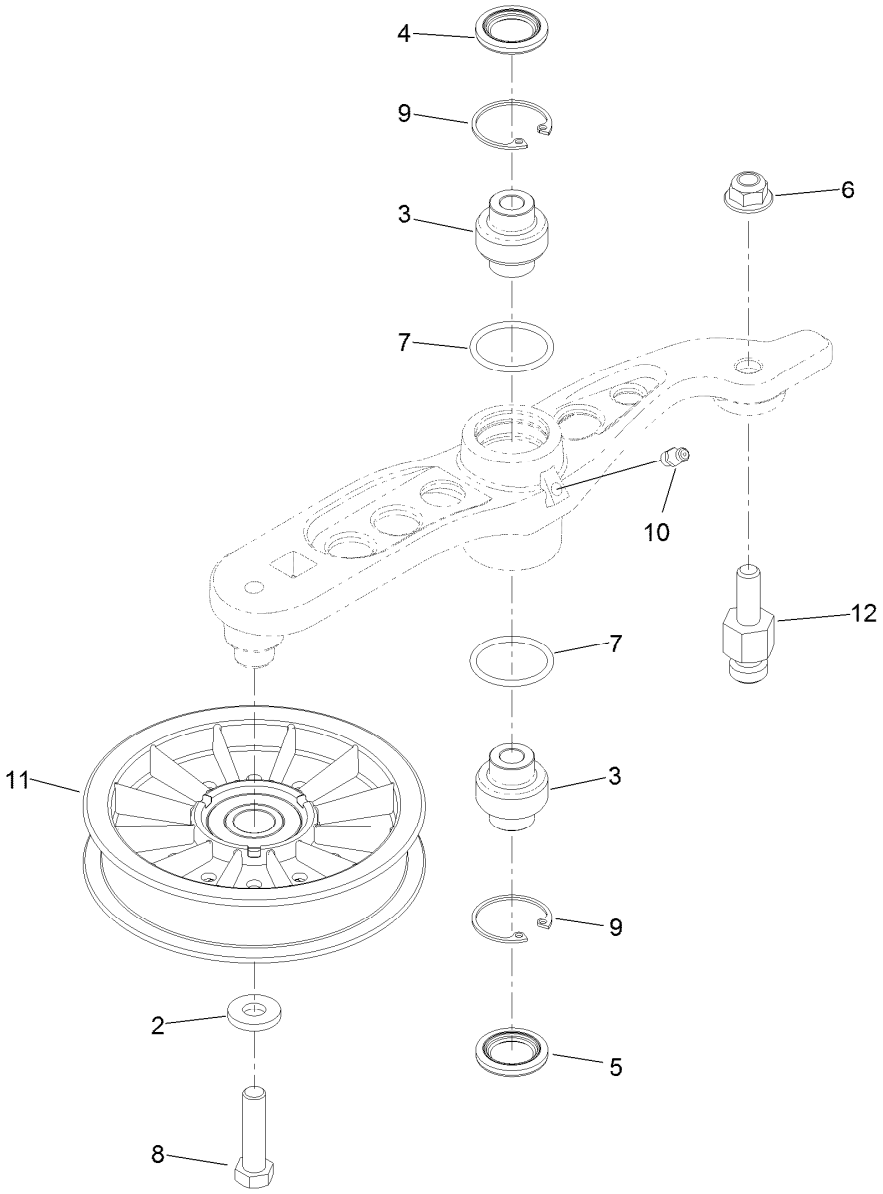
● Not illustrated




# RH Hydro Assembly No. 116-6414

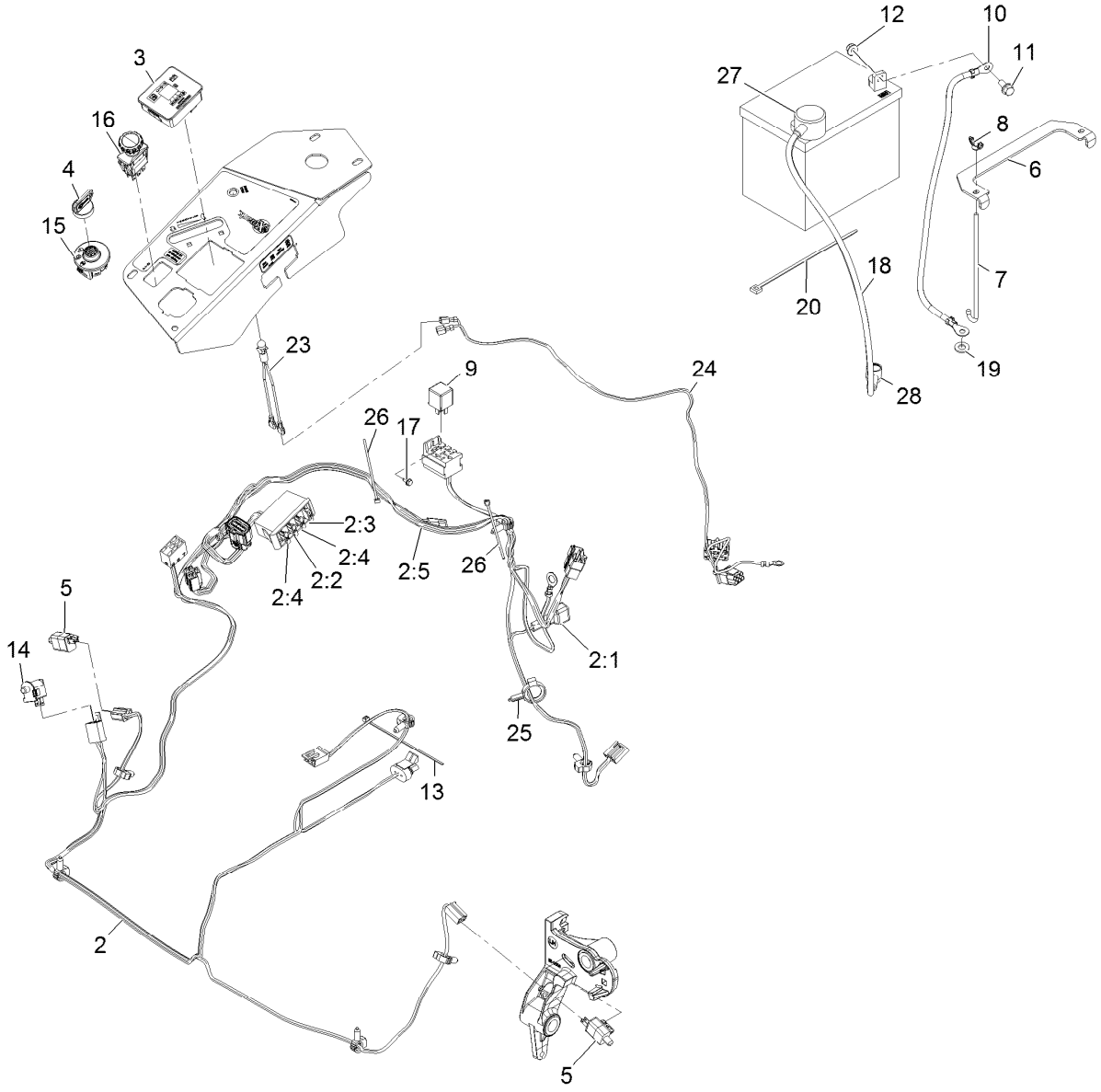
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 116-6859 | 1 | Bracket-Anchor, Cable |
| 2 | 116-0233 | 1 | Fan Kit |
| 3 | 116-0234 | 1 | Pulley Kit |
| 4 | 116-0235 | 1 | Handle-Bypass Valve, Hydro |
| 5 | 116-0236 | 1 | Dipstick-Hydro W/Gasket |
| 6 | 116-0237 | 1 | Gasket-Dipstick, Hydro |
| 7 | 116-1367 | 1 | Swash Block Kit |
| 8 | 116-1368 | 1 | Pump Seal Kit |
| 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-RH |
| 16 | 116-8916 | 1 | Motor-Hydraulic RH 240Cc |
| 17 | 116-7901 | 1 | Magnetic Plugs Service Kit |
| 18 | 76-1900 | 2 | O-Ring |
| 19 | 116-8662 | 2 | O-Ring-Check Valve |
| 20 | 116-8974 | 4 | Screw-HH 1/2-20 X 2 1/4 |
| 21 | 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 |
| 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) |
| 23 | 1-643267 | 1 | Indicator-Red Led |
| 24 | 116-3062 | 1 | Harness-Indicator Light |
| 25 | 105-1853 | 1 | Clamp-Hose |
| 26 | 1-303287 | 2 | Tie-Cable 5 1/2 (Small) |
| 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.

## Notes:

## Notes:

## Notes:

EXMARK® MAINTENANCE

## MAXIMIZE THE PERFORMANCE OF YOUR EXMARK.

### 4-CYCLE PREMIUM ENGINE OIL
Part No. 116-3373

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

Contains increased levels of zinc and phosphorus for better lubricity.

No Viscosity Index Improvers that tend to shear down in high heat.

Synthetic formulation.

Gas & Diesel compatible.

Anti-corrosion additives.

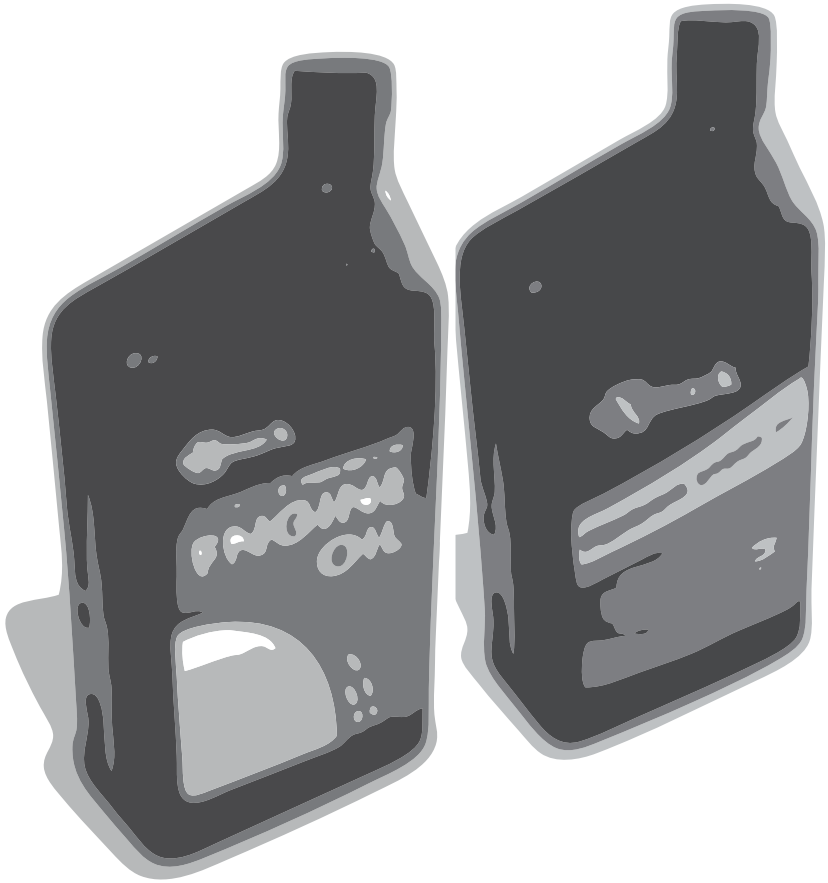
API 'SL' and JASO rated with wet clutch compatibility for other machines.

### PREMIUM HYDRO OIL
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Commercial quality for tough, high-heat conditions.

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LIGHT KIT
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MICRO-MULCH SYSTEM
OPERATOR CONTROLLED DISCHARGE
SUN SHADE
TRASH CONTAINER
TURF STRIPER
ULTRA VAC COLLECTION SYSTEM
ULTRA VAC QUICK DISPOSAL SYSTEM

## OUT-FRONT RIDING ACCESSORIES AND OPTIONS

CUSTOM RIDE SEAT SUSPENSION SYSTEM
DUAL-TAIL WHEEL
FLOOR PAN EXTENDER
HITCH KIT
LIGHT KIT
MICRO-MULCH SYSTEM
ROLL OVER PROTECTION SYSTEM (ROPS)
SNOW BLADE
SNOWBLOWER
SUN SHADE
TRASH CONTAINER
ULTRA VAC COLLECTION SYSTEM
ULTRA VAC QUICK DISPOSAL SYSTEM
WEATHER CAB

## WALK-BEHIND ACCESSORIES AND OPTIONS

GRASS CATCHER
MICRO-MULCH SYSTEM
TURF STRIPER
STANDON

*Some accessories and options not available for some models.

Place Model No. and Serial No. Label Here (Included in the Literature Pack) or Fill in Below

Model No. _____

Serial No. _____

Date Purchased _____

Engine Model No. and Spec. No. _____

Engine Serial No. (E/No) _____

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**(402) 223-6300**
**Fax (402) 223-5489**

**Part No. 4501-404 Rev. A**
**Printed in the USA.**







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