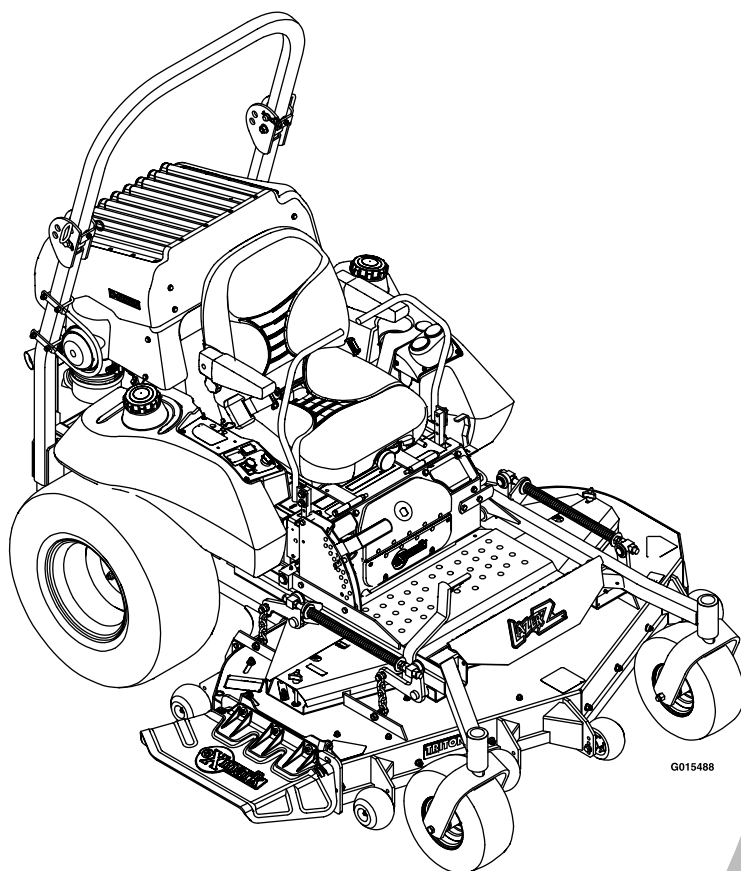




# **LAZER Z<sup>®</sup> D-SERIES**

**Model No. LZD25KD605—Serial No. 920000 and Up**

Picture below may not reflect actual product.



# **Parts Manual**

# 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

|                                              |                                                |                                          |
|----------------------------------------------|------------------------------------------------|------------------------------------------|
| <b>AR:</b> as required                       | <b>HLH:</b> hex lag head                       | <b>PTH:</b> phillips truss head          |
| <b>ASM:</b> assembly                         | <b>HOC:</b> height-of-cut                      | <b>PTO:</b> power-take-off               |
| <b>BBC:</b> blade brake control              | <b>HP:</b> high pressure                       | <b>RH:</b> right hand                    |
| <b>BHTF:</b> button head thread forming      | <b>HSBH:</b> hex socket button head            | <b>ROPS:</b> roll-over protection system |
| <b>CARR:</b> carriage                        | <b>HSFH:</b> hex socket flat head              | <b>RRB:</b> rear roller brush            |
| <b>CCW:</b> counter clockwise                | <b>HSH:</b> hex socket head                    | <b>SFH:</b> slotted fillister head       |
| <b>CW:</b> clockwise                         | <b>HWH:</b> hex washer head                    | <b>SHH:</b> slotted hex head             |
| <b>DEG:</b> degrees                          | <b>HWHTF:</b> hex washer head thread forming   | <b>SHWH:</b> slotted hex washer head     |
| <b>DPA:</b> Dual Point Adjustment            | <b>HYD:</b> hydraulic                          | <b>SPH:</b> slotted pan head             |
| <b>ECM:</b> electronic control module        | <b>LH:</b> left hand                           | <b>SQH:</b> square head                  |
| <b>EXT:</b> external                         | <b>LP:</b> low pressure                        | <b>SRH:</b> slotted round head           |
| <b>FH:</b> flat head                         | <b>LPG:</b> Liquefied Petroleum Gas            | <b>STD:</b> standard                     |
| <b>GA:</b> gauge                             | <b>NI:</b> nylon insert                        | <b>TAP:</b> self tapping                 |
| <b>HD:</b> heavy-duty                        | <b>NPTF:</b> national pipe thread fine         | <b>TTH:</b> torx truss head              |
| <b>HF:</b> hex flange                        | <b>PFH:</b> phillips flat head                 |                                          |
| <b>HH:</b> hex head                          | <b>PPH:</b> phillips pan head                  |                                          |
| <b>HHF:</b> hex head flange                  | <b>PPHTF:</b> phillips pan head thread forming |                                          |
| <b>HHFTF:</b> hex head flange thread forming | <b>PRH:</b> phillips round head                |                                          |
| <b>HJ:</b> hex jam                           |                                                |                                          |

# 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).

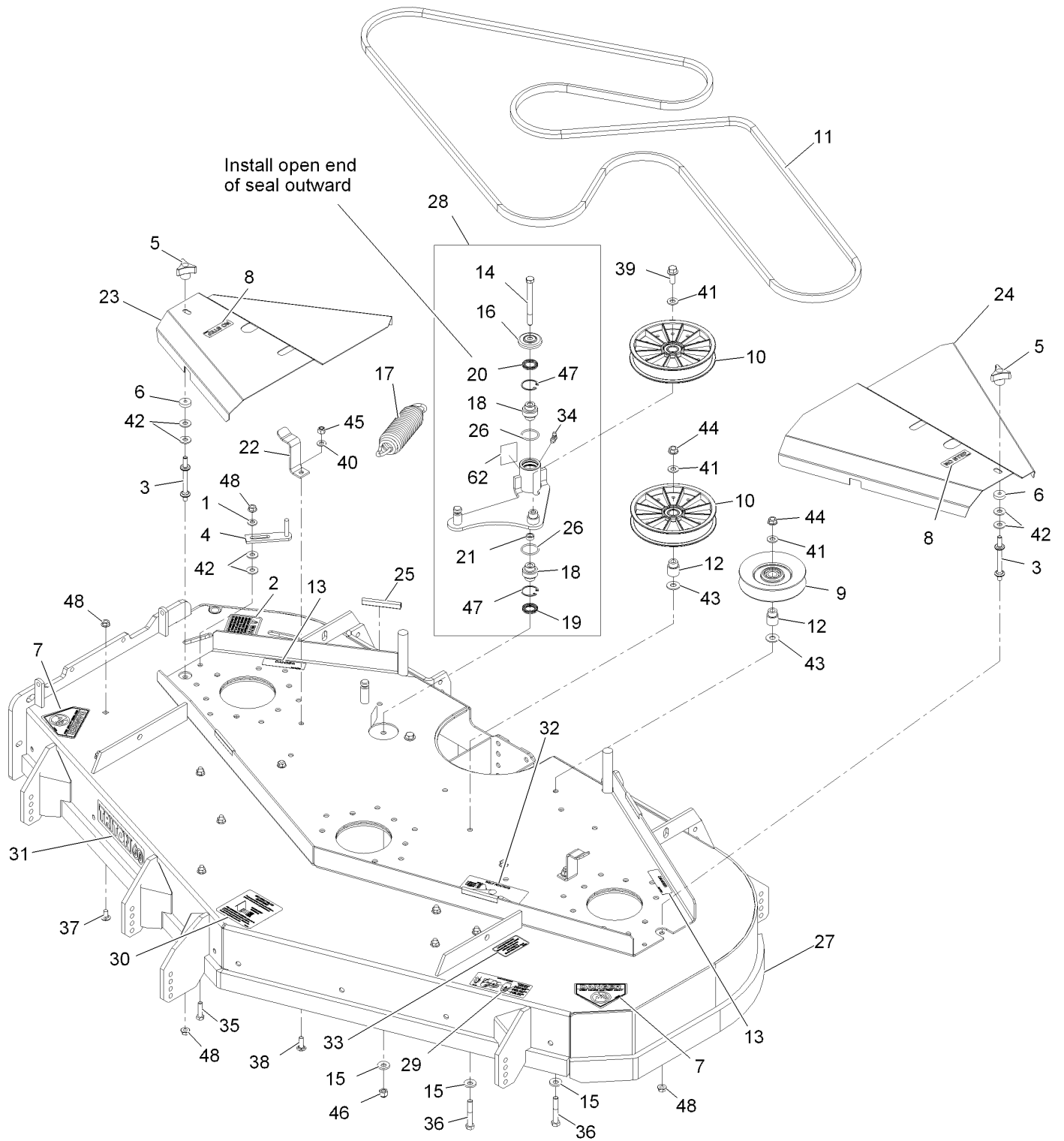


If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark Dealer for details.)

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# Deck Assembly



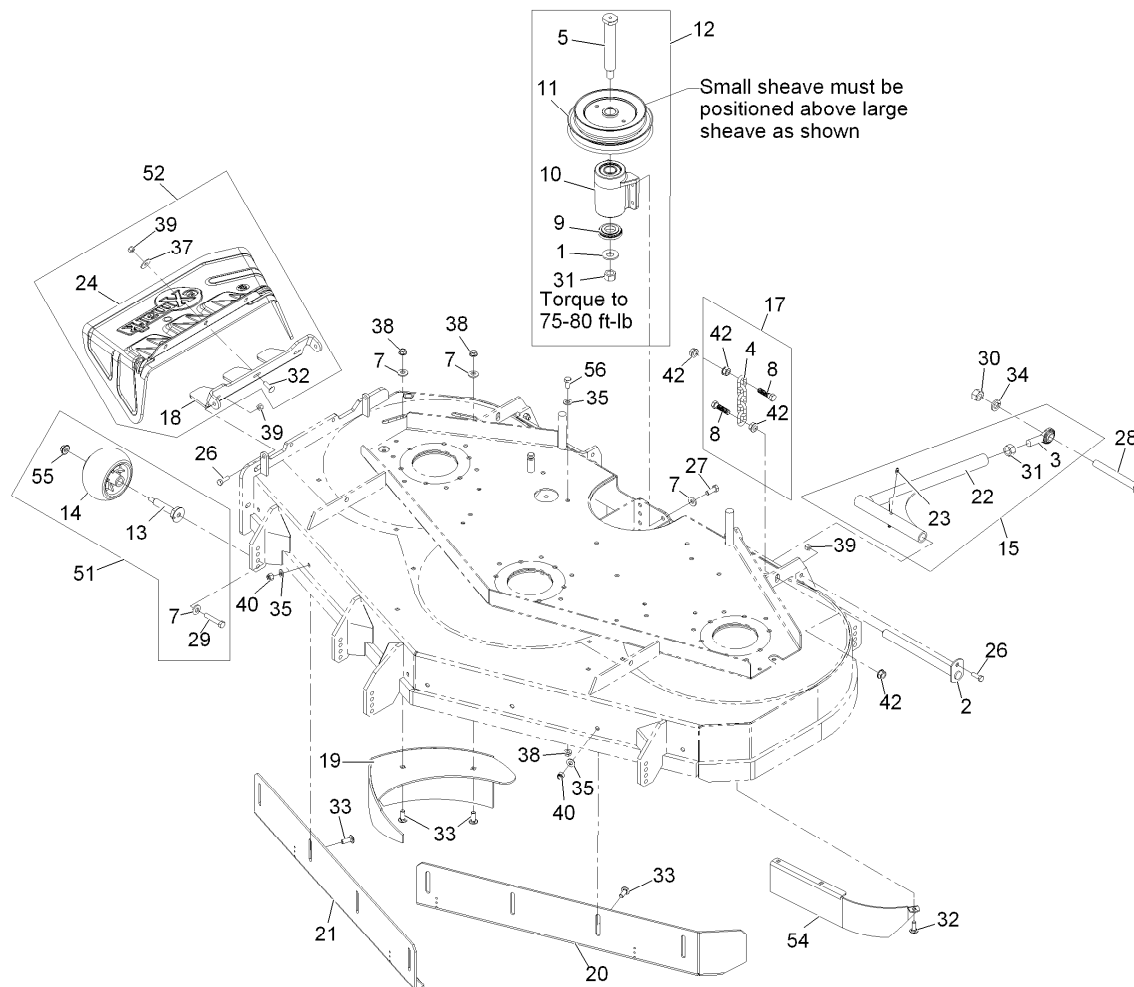
## Deck Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>          | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>              |
|-------------|--------------------|-------------|-----------------------------|-------------|--------------------|-------------|---------------------------------|
| 1           | 1-303334           | 1           | Washer-Spring Disc 5/16     | 27          | 109-2100           | 1           | ASM, Deck 605 W/Decals          |
| 2           | 1-303508           | 1           | Decal-Warning, Discharge    | 28          | 109-2095           | 1           | Kit, Idler Arm W/Bearings ■     |
| 3           | 1-303537           | 2           | Stud-Shield, Belt (Short)   | 29          | 109-0872           | 1           | Decal,Baffle Adjustment         |
| 4           | 1-322110           | 1           | Guide-Belt                  | 30          | 109-1399           | 1           | Decal,Antiscalp                 |
| 5           | 1-323385           | 2           | Knob-3 Prong                | 31          | 109-1803           | 1           | Decal, Triton 60                |
| 6           | 1-323417           | 2           | Washer-Belt Shield          | 32          | 109-2219           | 1           | Decal,Belt Routing              |
| 7           | 1-403005           | 2           | Decal-Danger                | 33          | 109-3148           | 1           | Decal,Bolt Torque               |
| 8           | 1-513742           | 2           | Decal,No Step               | 34          | 302-40             | 1           | Zerk-90° 1/4-28                 |
| 9           | 1-603805           | 1           | Pulley-Idler                | 35          | 322-6              | 1           | Screw-HH 5/16-18 X 1 1/4        |
| 10          | 109-2796           | 2           | Pulley,Idler 6"             | 36          | 323-11             | 2           | Screw-HH 3/8-16 X 2 1/4         |
| 11          | 1-633127           | 1           | Belt,Blade Drive            | 37          | 3230-18            | 10          | Bolt-Carriage 5/16-18 X 5/8     |
| 12          | 1-633456           | 2           | Bushing,Idler               | 38          | 3230-22            | 2           | Bolt-Carriage 5/16-18 X 1<br>Sp |
| 13          | 98-5954            | 2           | Decal-Missing Cover         | 39          | 3234-11            | 1           | Screw-HH Flg 3/8-16 X 1         |
| 14          | 98-5961            | 1           | Screw-HH 3/8-16 X 4 Gr8     | 40          | 3256-23            | 2           | Washer-5/16 Sae                 |
| 15          | 98-5975            | 3           | Washer-Spring Disc 3/8      | 41          | 3256-24            | 3           | Washer-3/8 Sae                  |
| 16          | 103-2916           | 1           | Guard-Top                   | 42          | 3256-3             | 6           | Washer-5/16 Std                 |
| 17          | 116-0133           | 1           | Extension-Spring            | 43          | 3256-4             | 2           | Washer-3/8 Std                  |
| 18          | 103-3504           | 2           | Bearing-Spherical           | 44          | 3290-357           | 2           | Nut-Whizlock 3/8-16             |
| 19          | 103-3505           | 1           | Seal-Double Lip             | 45          | 3296-29            | 2           | Nut-Nyloc 5/16-18               |
| 20          | 103-3506           | 1           | Seal-Single Lip             | 46          | 3296-39            | 1           | Nut-Nyloc 3/8-16                |
| 21          | 103-5677           | 1           | Spacer                      | 47          | 32120-10           | 2           | Ring-Retaining                  |
| 22          | 103-8103-01        | 2           | Latch,Belt Shield           | 48          | 32128-20           | 13          | Nut-Whizlock 5/16-18            |
| 23          | 109-2097           | 1           | Shield, Belt RH 605 W/Decal | 59          | 109-8525           | 1           | Asm, Deck Complete 60" ●▲       |
| 24          | 109-2096           | 1           | Shield, Belt LH 605 W/Decal | 62          | 103-5858           | 1           | Decal,Grease                    |
| 25          | 105-7699           | 4           | Strip-Seal                  |             |                    |             |                                 |
| 26          | 106-7159           | 2           | O-Ring                      |             |                    |             |                                 |

● Not illustrated

■ Kit includes mounting hardware

▲ Complete deck assembly includes all items except strut and chain assemblies; includes mule drive belt.

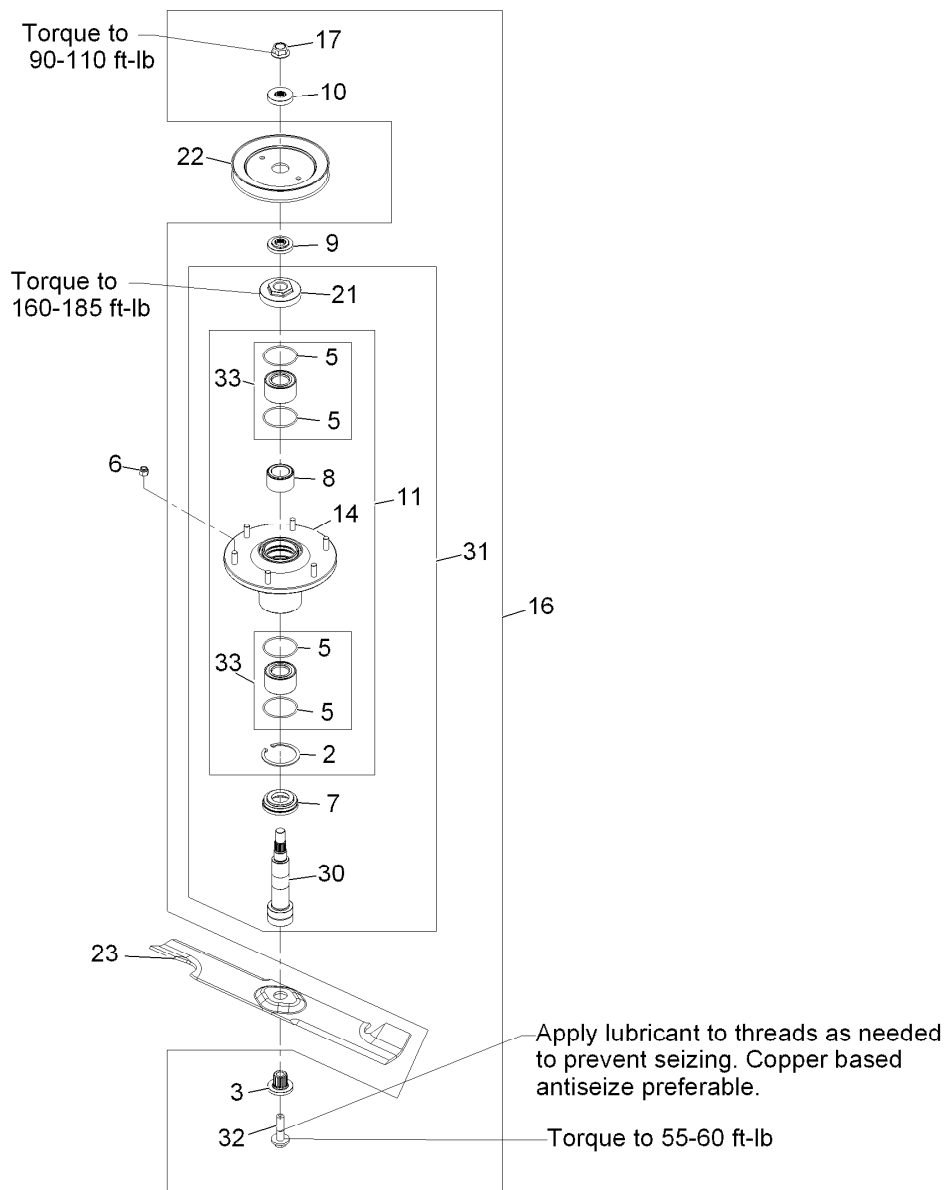


## Deck Assembly (continued)

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 1    | 1-513208    | 1    | Washer-Spring Disc 5/8      |
| 2    | 1-632199-01 | 2    | Pin-Strut                   |
| 3    | 1-633029    | 2    | Balljoint                   |
| 4    | 1-633447    | 4    | Chain-Lift, Deck            |
| 5    | 1-643393    | 1    | Jackshaft ●                 |
| 7    | 98-5975     | 12   | Washer-Spring Disc 3/8      |
| 8    | 103-1898    | 8    | Screw-HH 7/16-20 X 1-5/8 Sp |
| 9    | 103-2535    | 1    | Spacer-Guard Bottom         |
| 10   | 103-9746    | 1    | Kit, Jackshaft Assy ●       |
| 11   | 103-3046    | 1    | Sheave, Jackshaft Double ●  |
| 12   | 103-3249    | 1    | Kit, Jackshaft 60/72-3750   |
| 13   | 109-9851    | 6    | Axle, Anti-Scalp Roller     |
| 14   | 103-8415    | 6    | Roller-Scalp, Anti          |
| 15   | 103-8543    | 2    | ASM, Deck Strut Xs 60       |
| 17   | 103-9792    | 4    | Deck Chain ASM              |
| 18   | 109-0498-01 | 1    | Hinge, Discharge Chute      |
| 19   | 109-0694-01 | 1    | Wld, Dogleg 605             |
| 20   | 109-0701-01 | 1    | Wld, Baffle Frt Adj LH 605  |
| 21   | 109-0704-01 | 1    | Wld, Baffle Frt Adj RH 605  |
| 22   | 109-1184    | 2    | Strut-Deck                  |
| 23   | 109-1380    | 4    | Fitting-Grease              |

| Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 24   | 109-2739    | 1    | Chute, Discharge Lz          |
| 26   | 322-5       | 4    | Screw-HH 5/16-18 X 1         |
| 27   | 323-6       | 4    | Screw-HH 3/8-16 X 1          |
| 28   | 327-28      | 2    | Screw-HH 5/8-11 X 5 1/2      |
| 29   | 3211-46     | 6    | Screw-HH 3/8-24 X 2 Gr8      |
| 30   | 3217-11     | 2    | Nut-Hex 5/8-11               |
| 31   | 3219-6      | 3    | Nut-Hex 5/8-18               |
| 32   | 3230-22     | 6    | Bolt-Carriage 5/16-18 X 1 Sp |
| 33   | 3231-22     | 10   | Bolt-Carriage 3/8-16 X 1     |
| 34   | 3253-8      | 2    | Washer-Lock 5/8              |
| 35   | 3256-24     | 9    | Washer-3/8 Sae               |
| 37   | 3256-82     | 3    | Washer                       |
| 38   | 3290-357    | 3    | Nut-Whizlock 3/8-16          |
| 39   | 3296-29     | 7    | Nut-Nyloc 5/16-18            |
| 40   | 3296-39     | 8    | Nut-Nyloc 3/8-16             |
| 42   | 32128-37    | 8    | Nut-Whizlock 7/16-14         |
| 51   | 109-2098    | 6    | Kit, Antiscalp               |
| 52   | 109-2099    | 1    | Asm, Discharge Chute         |
| 54   | 109-5424-01 | 1    | Baffle, Scroll 605           |
| 55   | 109-6658    | 6    | Nut-Nyloc 3/8-16 Flg         |
| 56   | 323-4       | 1    | Screw-HH 3/8-16 X 3/4        |

● Apply Mobil HTS grease (P/N 103-5217 1.5 oz packet) (or a food-grade anti-seize). See operator's manual for locations.



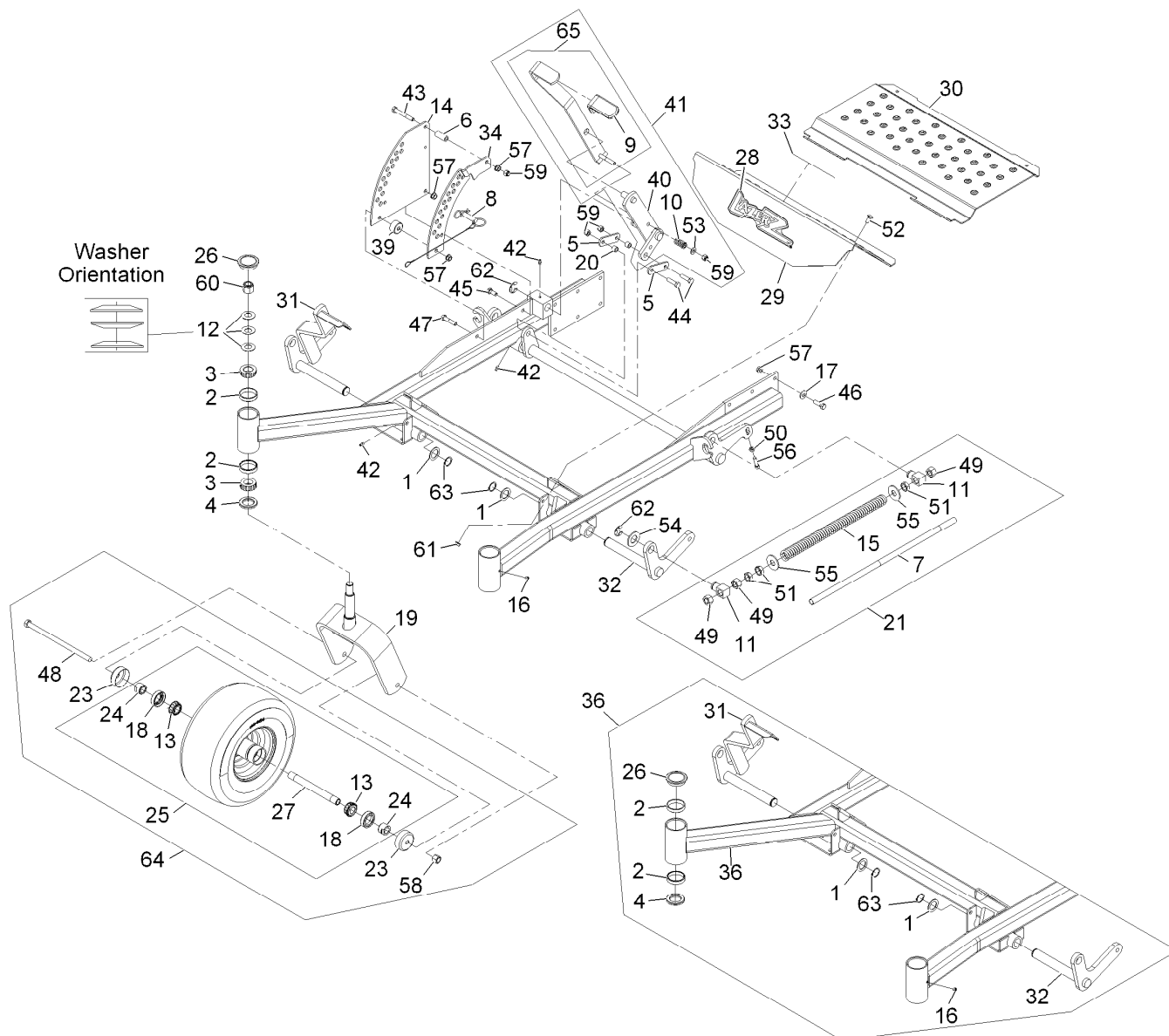
## Spindle Assembly

| Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 2    | 92-5581     | 3    | Ring-Retaining               |
| 3    | 103-3037    | 3    | Bushing,Splined              |
| 5    | 103-5895    | 12   | O-Ring                       |
| 6    | 3296-39     | 18   | Nut-Nyloc 3/8-16             |
| 7    | 103-9504    | 3    | Guard,Bottom                 |
| 8    | 103-9506    | 3    | Spacer,Bearing               |
| 9    | 103-9522    | 3    | Spacer,Splined Stepped       |
| 10   | 103-9523    | 3    | Spacer,Splined               |
| 11   | 103-9539    | 3    | ASM,Cutter Housing           |
| 14   | 109-0764    | 3    | ASM,Housing W/Studs          |
| 16   | 109-2102    | 3    | Asm, Cutter Housing Complete |
| 17   | 109-7033    | 3    | Nut-Flange 5/8-18 Centerlock |

| Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|-------------------------------|
| 21   | 109-0916    | 3    | Nut, Spindle 7/8-14           |
| 22   | 109-1023    | 3    | Sheave, Blade Drive 6.13      |
| 23   | 109-6463    | 3    | Blade,High Lift Notched 20.75 |
| 23   | 103-8240    | 3    | Blade,Low Lift 20.75          |
| 23   | 103-8396    | 3    | Blade, Medium Lift 60"        |
| 23   | 103-8239    | 3    | Blade, High Lift Solid 60"    |
| 23   | 109-5396    | 3    | Blade,Mulch 20.75 ●           |
| 23   | 103-9629    | 3    | Blade, Extreme 60"            |
| 30   | 109-6881    | 3    | Spindle,Double Spline ■       |
| 31   | 109-6917    | 3    | ASM,Spindle Housing           |
| 32   | 109-9220    | 3    | Screw-Sems 1/2-20 X 2.19      |
| 33   | 109-2064    | 6    | ASM, Bearing W/Orings         |

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

■ Apply Mobil HTS grease (P/N 103-5217 1.5 oz packet) (or a food-grade anti-seize). See operator s manual for locations.



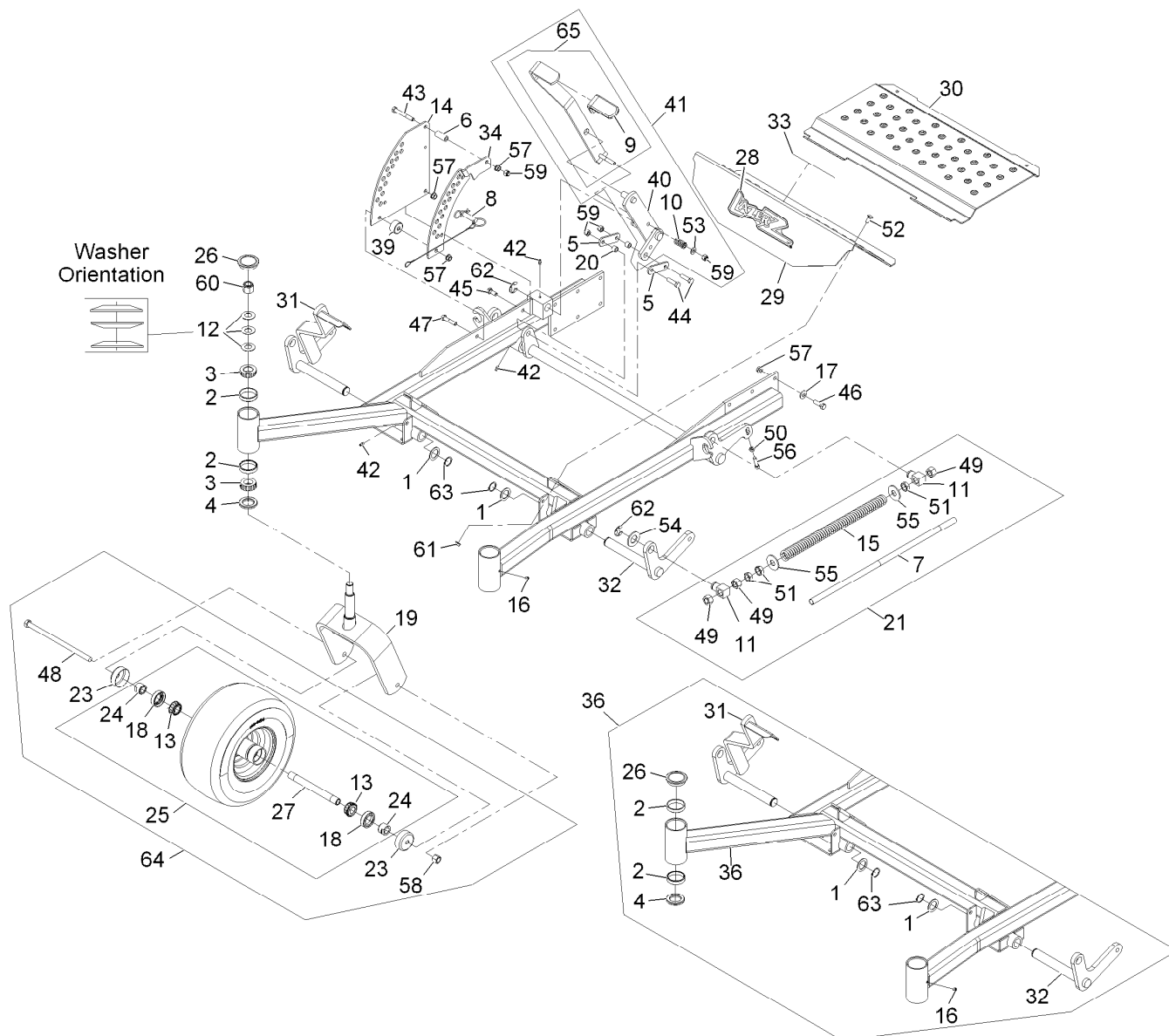
## Front Frame Assembly

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 1    | 1-523157    | 2    | Washer                      |
| 2    | 1-543508    | 4    | Cup-Bearing Tapered Roller  |
| 3    | 1-543509    | 4    | Cone-Bearing Tapered Roller |
| 4    | 1-543511    | 2    | Seal-Grease                 |
| 5    | 1-633068    | 2    | Arm-Lift, Deck              |
| 6    | 1-633082    | 1    | Bushing                     |
| 7    | 1-633096    | 2    | Rod-Lift, Deck              |
| 8    | 1-633097    | 1    | Pin-Hitch (W/Lanyard)       |
| 9    | 1-633295    | 1    | Grip-Lever, Lift            |
| 10   | 1-633325    | 1    | Spring-Compression          |
| 11   | 1-633441    | 4    | Swivel-Deck Mount, Rear     |
| 12   | 1-633508    | 6    | Washer-Spring Disc          |
| 13   | 1-633585    | 4    | Bearing-Cone Tapered Roller |
| 14   | 1-633889-01 | 1    | Plate-Lift, Deck            |
| 15   | 109-4963    | 2    | Spring,Deck Support         |
| 16   | 1-811010    | 2    | Plug                        |
| 17   | 98-5975     | 12   | Washer-Spring Disc 3/8      |

| Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 18   | 103-0063    | 4    | Seal-Double Lip              |
| 19   | 103-1474-01 | 2    | Caster-Fork                  |
| 20   | 103-1918    | 2    | Bushing                      |
| 21   | 109-4995    | 2    | ASM,Front Frame Spring       |
| 23   | 103-2768    | 4    | Guard-Seal                   |
| 24   | 103-3051    | 4    | Spacer-Nut ●                 |
| 25   | 109-9125    | 2    | Wheel And Tire ASM           |
| 26   | 103-4882    | 2    | Cap-Grease                   |
| 27   | 103-5156    | 2    | Axle-Caster                  |
| 28   | 103-3113    | 1    | Decal,Lazer Model            |
| 29   | 109-1903    | 1    | ASM, Floorpan Front W/Decals |
| 30   | 103-8276-01 | 1    | Floorpan, Lift Out           |
| 31   | 103-9740-01 | 1    | Wld,Front Lift W/Lever       |
| 32   | 103-9741-01 | 1    | Wld,Front Lift Shaft-LH      |
| 33   | 116-3303    | 1    | Decal-Slope                  |
| 34   | 108-7759-01 | 1    | Plate-Lift, Deck             |
| 36   | 109-2072    | 1    | Asm, Front Frame             |
| 39   | 109-3193    | 1    | Spacer                       |

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

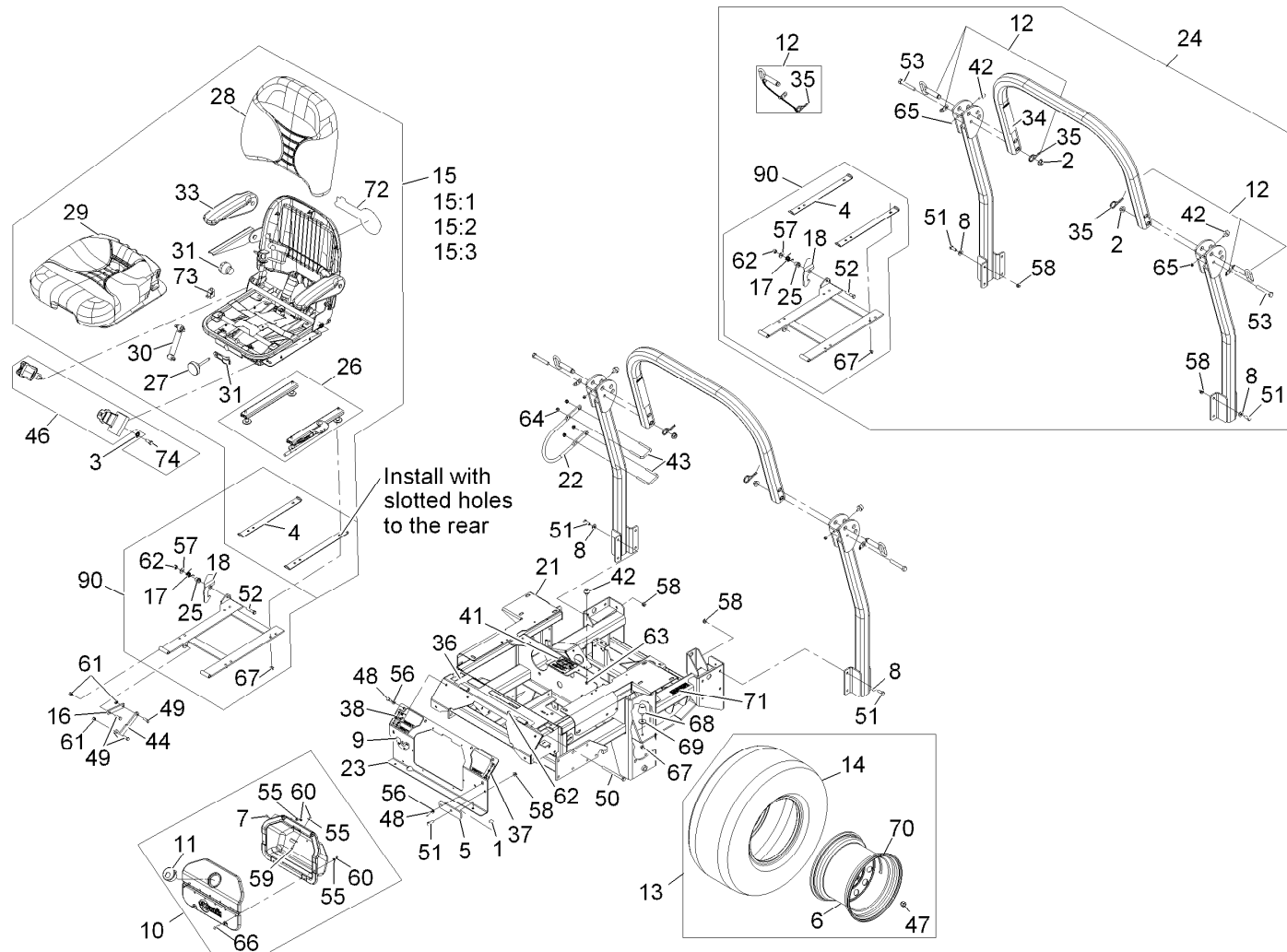




## Front Frame Assembly (continued)

| Ref. | Part Number | Qty. | Description                 | Ref. | Part Number | Qty. | Description              |
|------|-------------|------|-----------------------------|------|-------------|------|--------------------------|
| 40   | 109-4487    | 1    | Wld,Arm Deck Lift           | 53   | 3256-24     | 1    | Washer-3/8 Sae           |
| 41   | 109-4488    | 1    | ASM,Deck Lift Handle        | 54   | 3256-29     | 4    | Washer-7/8 Sae           |
| 42   | 302-19      | 5    | Zerk-1/4-28 Str             | 55   | 3256-7      | 4    | Washer-5/8 Std           |
| 43   | 323-13      | 1    | Screw-HH 3/8-16 X 2 3/4     | 56   | 3274-18     | 2    | Screw-Sh 5/16-18 X 1 1/4 |
| 44   | 323-29      | 2    | Screw-HH 3/8-16 X 1 3/8     | 57   | 3290-357    | 15   | Nut-Whizlock 3/8-16      |
| 45   | 323-5       | 1    | Screw-HH 3/8-16 X 7/8       | 58   | 3296-23     | 2    | Nut-Nyloc 1/2-13         |
| 46   | 323-7       | 12   | Screw-HH 3/8-16 X 1 1/4     | 59   | 3296-39     | 4    | Nut-Nyloc 3/8-16         |
| 47   | 323-9       | 1    | Screw-HH 3/8-16 X 1 3/4     | 60   | 3296-51     | 2    | Nut-Nyloc 3/4-10         |
| 48   | 325-39      | 2    | Screw-HH 1/2-13 X 9 1/2     | 61   | 32128-20    | 4    | Nut-Whizlock 5/16-18     |
| 49   | 3217-11     | 6    | Nut-Hex 5/8-11              | 62   | 32151-103   | 5    | E-Ring                   |
| 50   | 3218-2      | 2    | Nut-Jam 5/16-18             | 63   | 32151-29    | 2    | Ring-Retaining           |
| 51   | 3218-6      | 6    | Nut-Jam 5/8-11              | 64   | 109-9127    | 2    | Wheel & Tire ASM         |
| 52   | 3230-1      | 4    | Bolt-Carriage 5/16-18 X 3/4 | 65   | 103-2084    | 1    | Lift Lever/Grip ASM      |

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



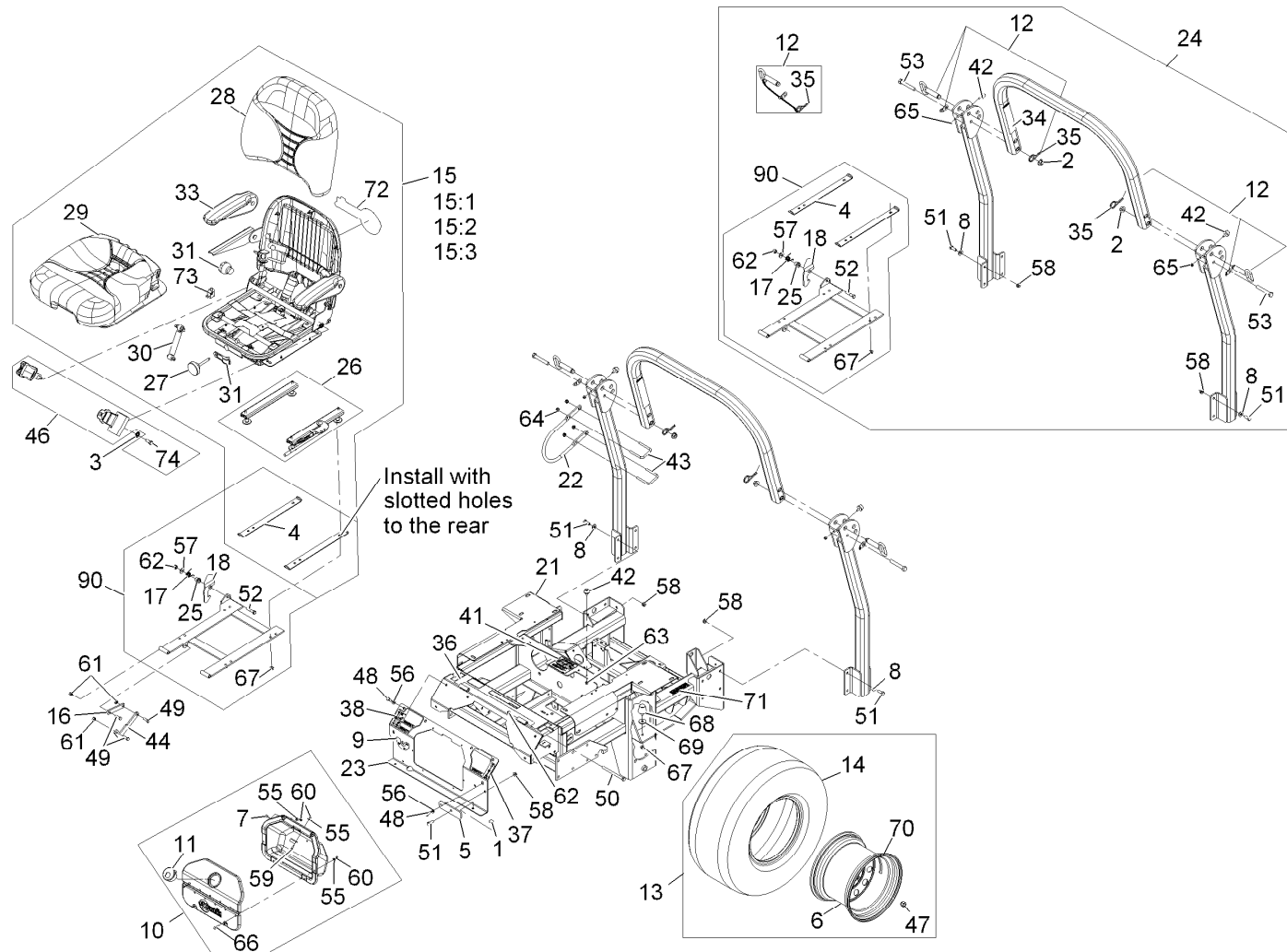
## Main Frame Assembly

| Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|-------------------------------|
| 1    | 1-513658    | 2    | Bumper                        |
| 2    | 32128-23    | 2    | Nut-Hex 1/2-13 Side Lock      |
| 3    | 1-603610    | 2    | Washer-Spring Disc 7/16       |
| 4    | 1-653282-03 | 2    | Stop/Spacer-Seat              |
| 5    | 1-633964-03 | 1    | Stop-Brake, Park              |
| 6    | 109-3156    | 2    | Rim                           |
| 7    | 1-803075    | 2    | Screw-Truss Head #10-24 X 3/4 |
| 8    | 98-5975     | 8    | Washer-Spring Disc 3/8        |
| 9    | 103-0261    | 1    | Decal-Valve, Fuel             |
| 10   | 103-3666    | 1    | ASM,Cubby                     |
| 11   | 103-3790    | 1    | Latch, Cubby Door             |
| 12   | 103-4553    | 2    | Pin-Fold, ROPS                |
| 13   | 109-3157    | 2    | Wheel And Tire ASM            |
| 14   | 103-4963    | 2    | Tire                          |
| 15   | 116-1080    | 1    | Seat, Suspension ■            |
| 15:1 | 109-3343    | 1    | Spring And Saddle Kit         |
| 15:2 | 109-3344    | 1    | Back Panel Kit                |
| 15:3 | 109-3345    | 1    | Weight Adjust Kit             |

| Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|-------------------------------|
| 16   | 103-5161    | 2    | Link-Stop, Seat               |
| 17   | 103-5519    | 1    | Spring-Torsion, Latch         |
| 18   | 103-5520    | 1    | Catch-Latch, Single           |
| 21   | 109-3984    | 1    | ASM,Kdxs Engine Deck W/Decals |
| 22   | 103-7599-03 | 1    | Guard                         |
| 23   | 109-2075    | 1    | Asm, Console W/Decals         |
| 24   | 109-0060    | 1    | Kit, 06 Xs ROPS ●             |
| 25   | 107-0075    | 1    | Bushing                       |
| 26   | 107-1880    | 1    | Seat Track Kit                |
| 27   | 107-1881    | 1    | Knob Kit                      |
| 28   | 107-1882    | 1    | Back Cushion Kit              |
| 29   | 107-1883    | 1    | Bottom Cushion Kit            |
| 30   | 116-0998    | 1    | Shock Absorber Kit            |
| 31   | 107-1885    | 1    | Weight Indicator Kit          |
| 33   | 107-1887    | 2    | Pad-Armrest                   |
| 34   | 107-2102    | 1    | Decal-Warning, Folding ROPS   |
| 35   | 107-3155    | 2    | Hairpin                       |

● Includes seat belt assembly

■ Includes seat wiring harness.

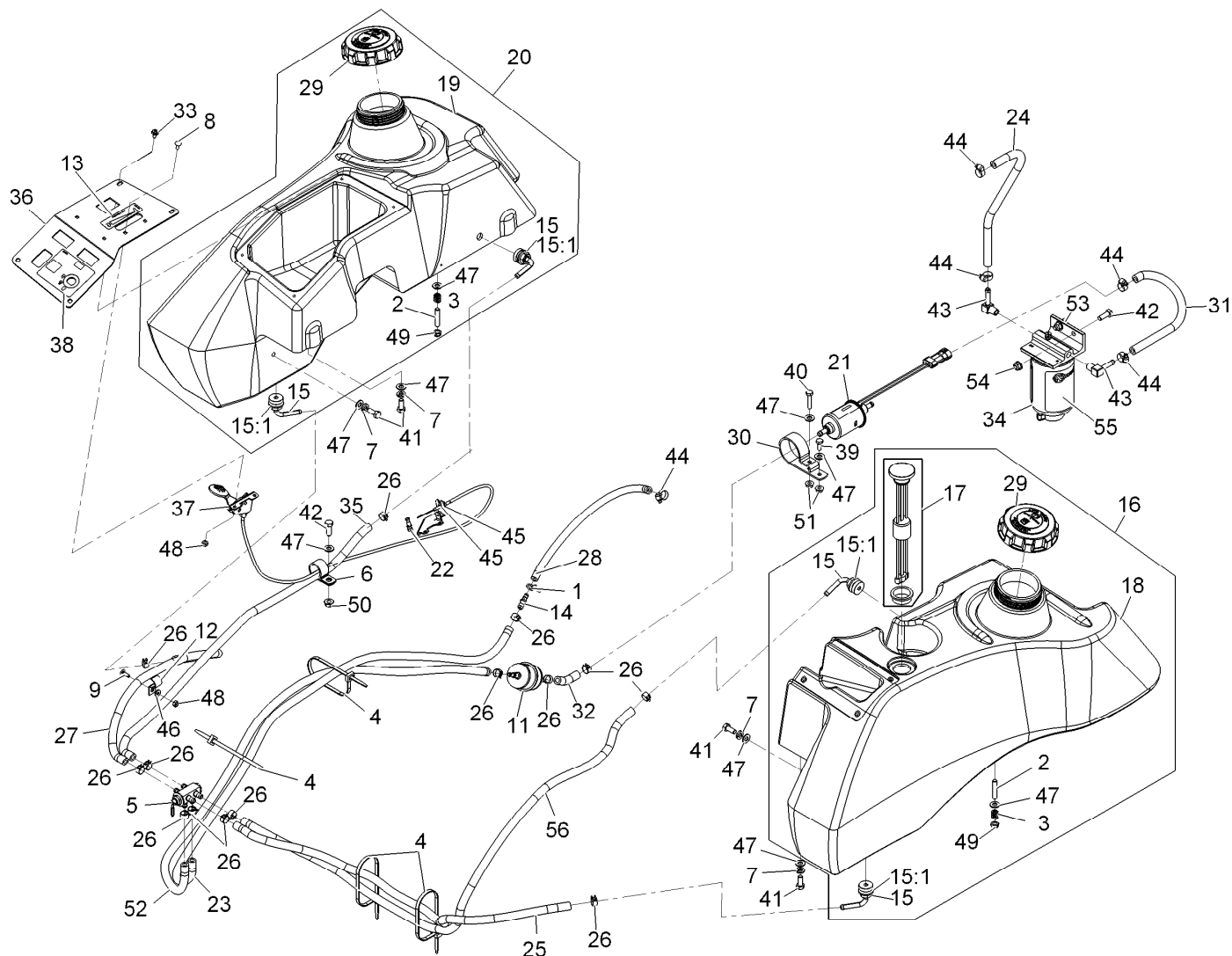


## Main Frame Assembly (continued)

| Ref. | Part Number | Qty. | Description              | Ref. | Part Number | Qty. | Description               |
|------|-------------|------|--------------------------|------|-------------|------|---------------------------|
| 36   | 107-9866    | 1    | Decal-Console, Top       | 58   | 3290-357    | 10   | Nut-Whizlock 3/8-16       |
| 37   | 109-1214    | 1    | Decal,Park Brake         | 59   | 3290-500    | 2    | Screw-PPH #10-24 X 5/8    |
| 38   | 109-1215    | 1    | Decal,Deck Height        | 60   | 3296-2      | 8    | Nut-Nyloc #10-24          |
| 41   | 109-2264    | 1    | Decal,Warning            | 61   | 3296-29     | 6    | Nut-Nyloc 5/16-18         |
| 42   | 109-2365    | 4    | Bumper-Rubber            | 62   | 3296-39     | 3    | Nut-Nyloc 3/8-16          |
| 43   | 109-2394    | 2    | U-Bolt                   | 63   | 3296-42     | 2    | Nut-Nyloc 1/4-20          |
| 44   | 109-2759    | 2    | Link-Stop, Seat          | 64   | 3296-69     | 4    | Nut-Nyloc 5/16-18         |
| 46   | 110-0883    | 1    | Retractable Seatbelt Kit | 65   | 3296-73     | 2    | Nut-Nyloc 1/4-20          |
| 47   | 242-50      | 8    | Nut-Lug 1/2-20           | 66   | 32122-28    | 4    | Screw-Truss HD #10-24 X 1 |
| 48   | 322-3       | 6    | Screw-HH 5/16-18 X 3/4   | 67   | 32128-20    | 5    | Nut-Whizlock 5/16-18      |
| 49   | 322-5       | 6    | Screw-HH 5/16-18 X 1     | 68   | 1-543963    | 1    | Bumper-Rubber             |
| 50   | 323-39      | 2    | Screw-HH 3/8-16 X 5      | 69   | 63-8410     | 1    | Washer                    |
| 51   | 323-6       | 10   | Screw-HH 3/8-16 X 1      | 70   | 116-2643    | 2    | Decal-Wheel Nut Torque    |
| 52   | 323-9       | 1    | Screw-HH 3/8-16 X 1 3/4  | 71   | 117-2718    | 1    | Decal-Arrester, Spark     |
| 53   | 325-13      | 2    | Screw-HH 1/2-13 X 3 1/4  | 72   | 103-4574    | 1    | Decal,Exmark Logo         |
| 55   | 3256-14     | 8    | Washer-#10 Std           | 73   | 82-2190     | 1    | Switch                    |
| 56   | 3256-23     | 6    | Washer-5/16 Sae          | 74   | 3212-4      | 2    | Screw-HH 7/16-20 X 1      |
| 57   | 3256-4      | 1    | Washer-3/8 Std           | 90   | 109-9228    | 1    | Kit,Seat Frame Service ●  |

● Includes seat belt assembly

■ Includes seat wiring harness.



## Fuel Assembly

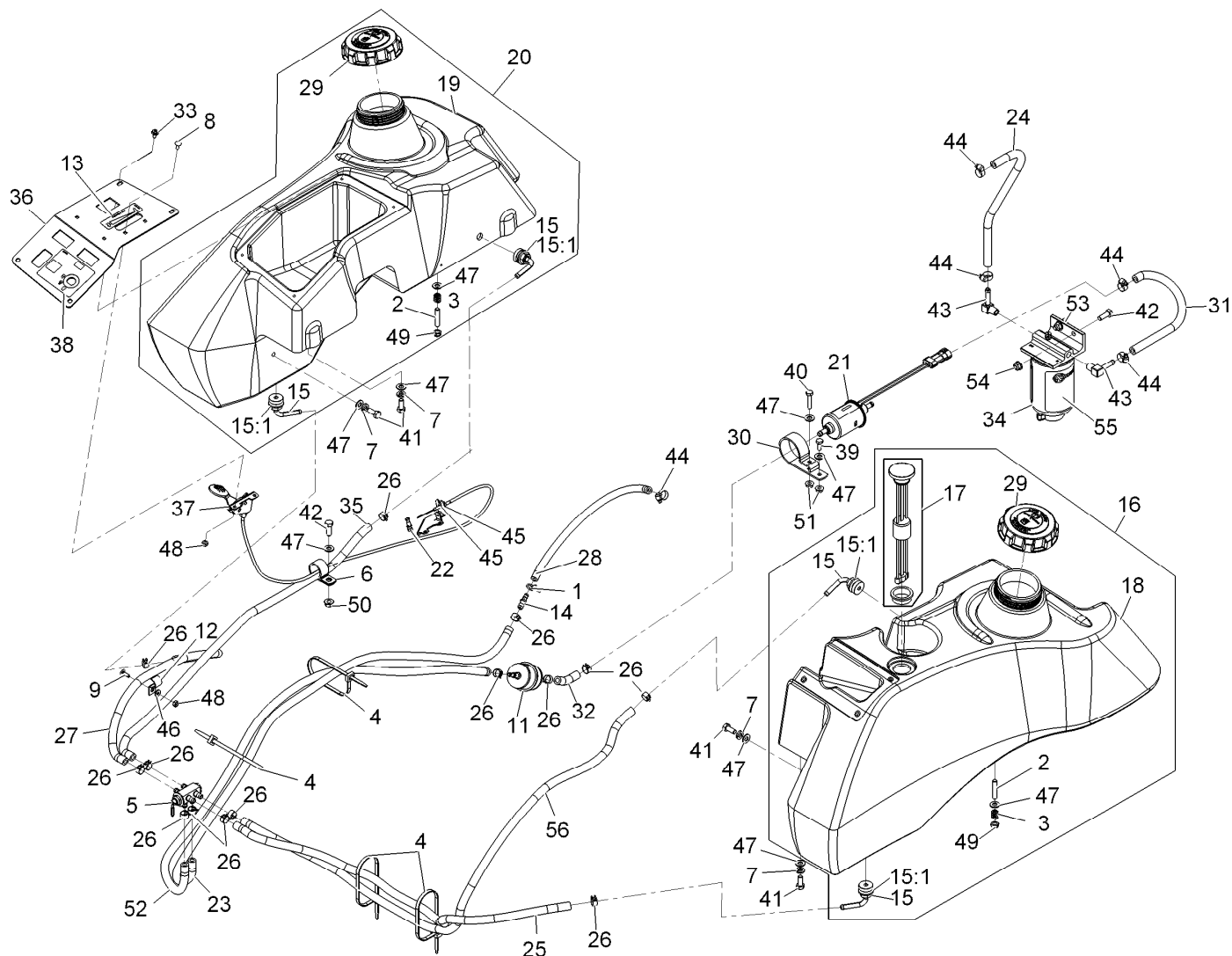
| Ref. | Part Number | Qty. | Description                        |
|------|-------------|------|------------------------------------|
| 1    | 1-303077    | 1    | Clamp-Fuel Line                    |
| 2    | 1-633023    | 6    | Stud-Fuel Tank ■                   |
| 3    | 1-633349    | 6    | Spring-Compression                 |
| 4    | 1-643115    | 4    | Tie-Cable 11.4                     |
| 5    | 116-0973    | 1    | Valve,Fuel Selector 5/16           |
| 6    | 1-643312    | 1    | Clip-Loom                          |
| 7    | 1-805005    | 4    | Washer-Lock 5/16 Heavy             |
| 8    | 1-807513    | 2    | Bolt-Carriage #10-24 X 1/2         |
| 9    | 1-807533    | 1    | Bolt-Carriage #10-24 X 5/8         |
| 11   | 112-7836    | 1    | Filter-Inline                      |
| 12   | 103-1193    | 1    | Clip-Loom Half                     |
| 13   | 103-1798    | 1    | Decal,Throttle Only                |
| 14   | 103-2595    | 1    | Connector-Fuel 1/4 X 5/16          |
| 15   | 116-0968    | 4    | Fitting,Fuel Bulkhead W/O Screen ● |
| 15:1 | 103-2784    | 1    | O-Ring                             |
| 16   | 116-0141    | 1    | ASM,Fuel Tank Lxs LH               |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 17   | 103-6564    | 1    | Kit-Fuel Gauge           |
| 18   | 116-0974    | 1    | ASM, Fuel Tank Lxs LH    |
| 19   | 116-0975    | 1    | Asm, Fuel Tank Lxs Rh    |
| 20   | 116-0142    | 1    | ASM, Fuel Tank Lxs RH    |
| 21   | 110-8806    | 1    | Pump-Fuel                |
| 22   | 108-5928    | 1    | Swivel-Stop, Cable       |
| 23   | 110-4100    | 1    | Hose-Fuel                |
| 24   | 109-0274    | 1    | Hose-Fuel Line 16"       |
| 25   | 110-9662    | 1    | Hose-Fuel                |
| 26   | 92-2379     | 14   | Clamp-Hose               |
| 27   | 108-3284    | 1    | Hose-Fuel                |
| 28   | 109-0299    | 1    | Hose-Fuel                |
| 29   | 114-5062    | 2    | Cap-Biodiesel            |
| 30   | 110-8817    | 1    | Bracket-Pump, Fuel       |
| 31   | 110-4104    | 1    | Hose-Fuel Line 11"       |
| 32   | 110-0047    | 1    | Hose-Fuel Line 2 3/8"    |
| 33   | 109-2661    | 4    | Screw-PPH #10-24 X 1/2 ▲ |
| 34   | 116-0289    | 1    | Filter,Fuel              |

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

■ Use Pro-Lock retaining type, Part no. 1-840023 (.5cc tube) on threads.

▲ Snug fit only on slotted holes, Do Not overtighten, tank must be able to expand.

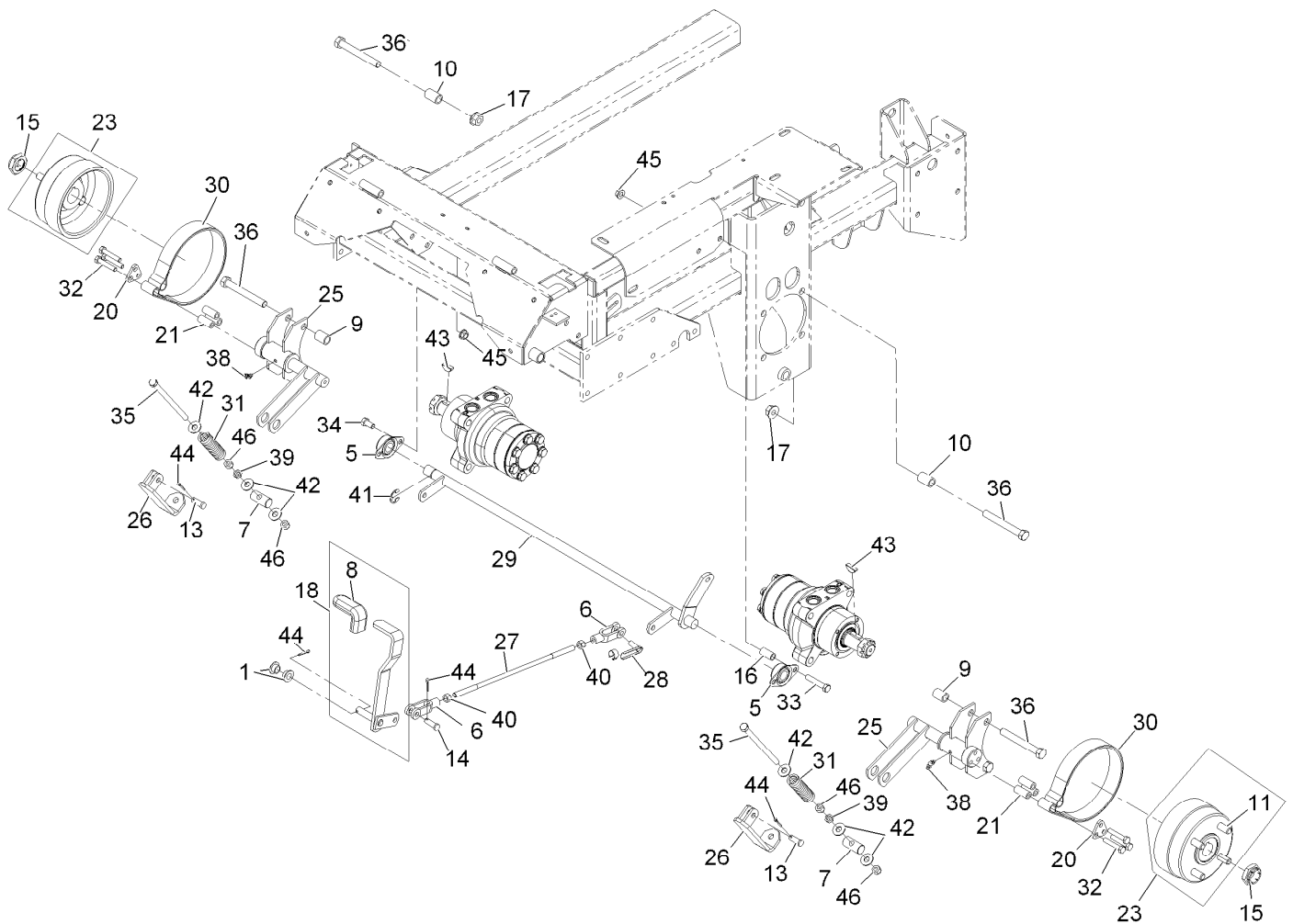


## Fuel Assembly (continued)

| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 35   | 110-6186    | 1    | Hose-Fuel                      |
| 36   | 116-5139    | 1    | Asm, Control Panel<br>W/Decals |
| 37   | 109-6652    | 1    | Cable,Throttle                 |
| 38   | 116-5185    | 1    | Decal-Control Panel            |
| 39   | 321-3       | 1    | Screw-HH 1/4-20 X 5/8          |
| 40   | 321-8       | 1    | Screw-HH 1/4-20 X 1 1/4        |
| 41   | 322-3       | 4    | Screw-HH 5/16-18 X 3/4         |
| 42   | 322-4       | 3    | Screw-HH 5/16-18 X 7/8         |
| 43   | 353-707     | 2    | Adapter-90°                    |
| 44   | 2412-108    | 5    | Clamp-Hose                     |
| 45   | 3220-1      | 2    | Nut-Jam 1/4-28                 |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 46   | 3256-14     | 1    | Washer-#10 Std         |
| 47   | 3256-23     | 13   | Washer-5/16 Sae        |
| 48   | 3296-2      | 3    | Nut-Nyloc #10-24       |
| 49   | 3296-47     | 6    | Nut-Nyloc 5/16-18 Thin |
| 50   | 32128-20    | 1    | Nut-Whizlock 5/16-18   |
| 51   | 32128-33    | 2    | Nut-Whizlock 1/4-20    |
| 52   | 110-4114    | 1    | Hose-Fuel              |
| 53   | 116-0290    | 1    | ASM,Fuel Filter        |
| 54   | 104-8300    | 2    | Nut-Nyloc 5/16-18 Flg  |
| 55   | 116-1559    | 2    | Decal,Exmark Filter    |
| 56   | 109-0277    | 1    | Hose-Fuel              |

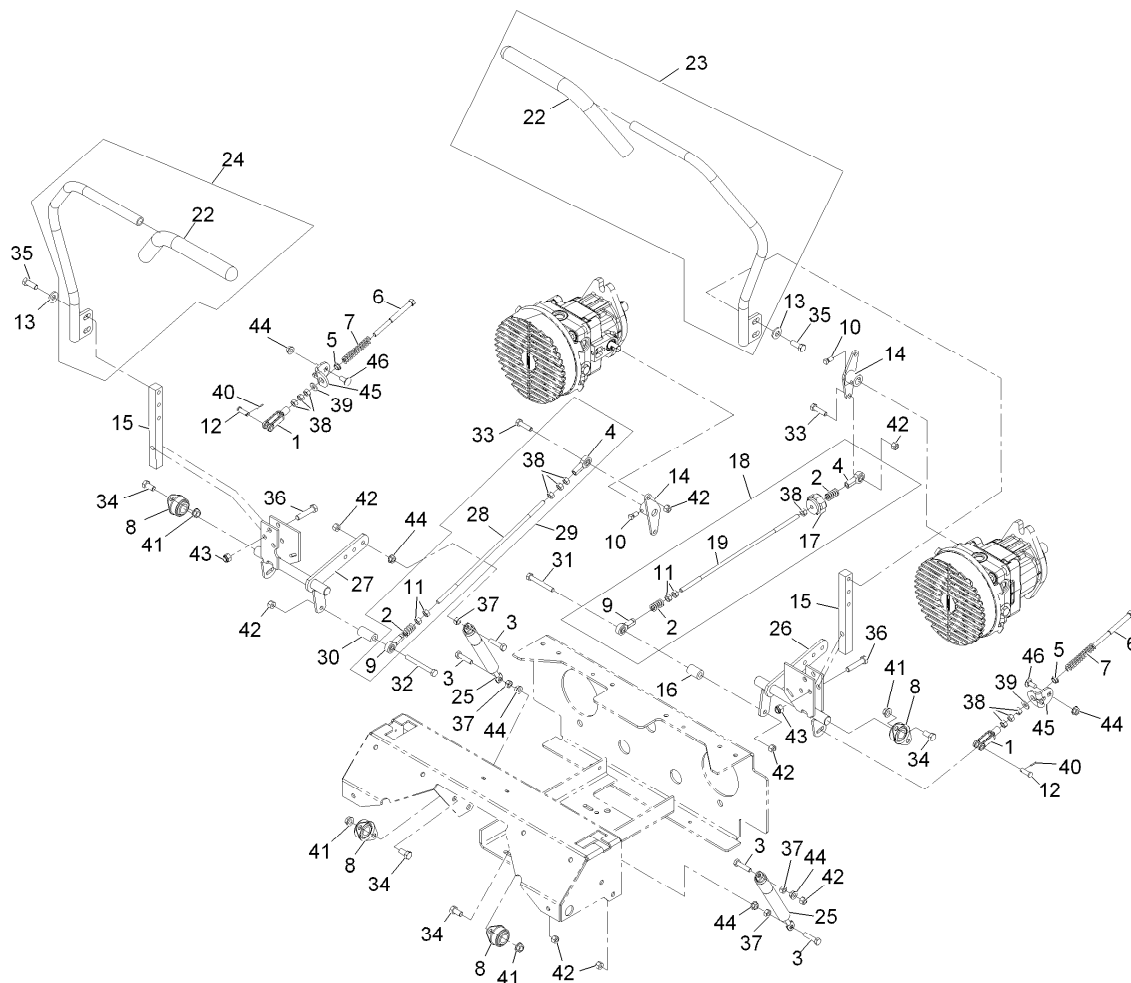
- Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.
- Use Pro-Lock retaining type, Part no. 1-840023 (.5cc tube) on threads.
- ▲ Snug fit only on slotted holes, Do Not overtighten, tank must be able to expand.



## Park Brake Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 1-513140    | 2    | Bearing                  |
| 5    | 1-633102    | 2    | Bearing-Flanged          |
| 6    | 1-633131    | 2    | Yoke-Linkage, Brake      |
| 7    | 1-633144    | 2    | Pin-Trunion              |
| 8    | 1-633268    | 1    | Grip-Lever               |
| 9    | 1-633380    | 4    | Spacer-Wheel, Short      |
| 10   | 1-633382    | 4    | Spacer-Wheel, Long       |
| 11   | 1-633926    | 8    | Stud-Wheel               |
| 13   | 1-808284    | 2    | Pin-Clevis               |
| 14   | 1-808285    | 1    | Pin-Clevis 3/8 X 1 1/8   |
| 15   | 116-1399    | 2    | Locknut                  |
| 16   | 103-0051    | 2    | Spacer-Retainer, Brake   |
| 17   | 32128-49    | 8    | Nut-Whizlock 1/2-13      |
| 18   | 103-0197    | 1    | Brake Lever And Grip ASM |
| 20   | 103-0374    | 2    | Retainer-Band, Brake     |
| 21   | 103-0384    | 6    | Spacer                   |
| 23   | 116-2291    | 2    | Hub W/Studs ASM          |
| 25   | 103-0844-03 | 2    | Brake-Narrow             |
| 26   | 103-1117-03 | 2    | Linkage-Brake, Lower     |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 27   | 103-1708    | 1    | Rod-Brake                |
| 28   | 103-2399    | 1    | Pin-Clevis Spring 3/8    |
| 29   | 103-5243-03 | 1    | Shaft-Brake              |
| 30   | 103-9761    | 2    | Band, Brake              |
| 31   | 109-2230    | 2    | Spring-Compression       |
| 32   | 322-9       | 6    | Screw-HH 5/16-18 X 1 3/4 |
| 33   | 323-10      | 2    | Screw-HH 3/8-16 X 2      |
| 34   | 323-4       | 2    | Screw-HH 3/8-16 X 3/4    |
| 35   | 323-58      | 2    | Bolt-HH 3/8-16 X 6 Tap   |
| 36   | 325-17      | 8    | Screw-HH 1/2-13 X 4      |
| 38   | 1481        | 2    | Zerk-45° 1/4-28          |
| 39   | 3218-3      | 2    | Nut-Jam 3/8-16           |
| 40   | 3219-3      | 2    | Nut-Hex 3/8-24           |
| 41   | 32151-48    | 1    | E-Ring                   |
| 42   | 3256-4      | 6    | Washer-3/8 Std           |
| 43   | 3257-42     | 2    | Key-Woodruff 5/16 X 1    |
| 44   | 3272-10     | 4    | Pin-Cotter 1/8 X 3/4     |
| 45   | 3290-357    | 4    | Nut-Whizlock 3/8-16      |
| 46   | 3296-39     | 4    | Nut-Nyloc 3/8-16         |

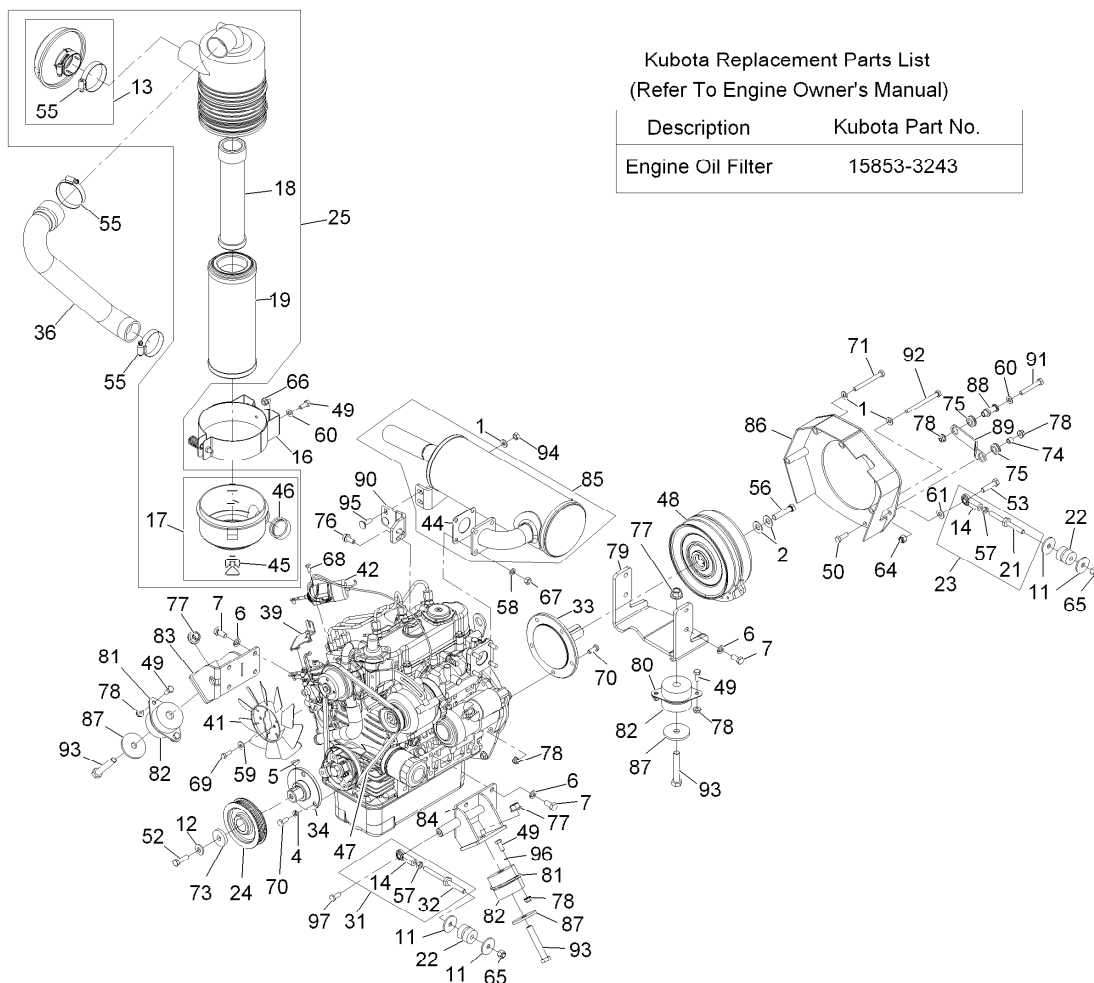


## Motion Controls

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 1    | 1-303105    | 2    | Yoke-Adjustable             |
| 2    | 1-323245    | 3    | Spring-Compression          |
| 3    | 1-403180    | 4    | Screw-HH 5/16-18 X 1 1/4 Sp |
| 4    | 1-543017    | 2    | Balljoint                   |
| 5    | 109-3769    | 2    | Bushing-Nylon, Flanged      |
| 6    | 1-603737    | 2    | Bolt-Neutral Return         |
| 7    | 1-603807    | 2    | Spring                      |
| 8    | 1-633102    | 4    | Bearing-Flanged             |
| 9    | 1-633152    | 2    | Balljoint                   |
| 10   | 1-803022    | 2    | Setscrew-5/16-18 X 5/8 ●    |
| 11   | 1-804524    | 4    | Nut-Hex 5/16-24 (LH)        |
| 12   | 1-808280    | 2    | Pin-Clevis 5/16 X 1 49/64   |
| 13   | 98-5975     | 4    | Washer-Spring Disc 3/8      |
| 14   | 103-0194-03 | 2    | Arm-Control, Hydro          |
| 15   | 103-0407    | 2    | Arm-Shaft, Control          |
| 16   | 103-1361    | 1    | Spacer                      |
| 17   | 103-3060    | 1    | Knob-Tracking               |
| 18   | 103-3062    | 1    | Tracking Rod ASM            |
| 19   | 103-3065    | 1    | Link, Tracking Rod Xp       |
| 22   | 103-3456    | 2    | Grip, Control Lever         |
| 23   | 103-3457    | 1    | Asm, Handle W/Grip LH       |
| 24   | 103-3458    | 1    | Asm, Handle W/Grip RH       |

| Ref. | Part Number | Qty. | Description                            |
|------|-------------|------|----------------------------------------|
| 25   | 109-2339    | 2    | Damper-Control, Motion                 |
| 26   | 109-3983    | 1    | Control-Motion, LH                     |
| 27   | 109-3980    | 1    | Control-Motion, RH                     |
| 28   | 103-5182    | 1    | Link, Xp Hydro Connect RH              |
| 29   | 103-5190    | 1    | RH HYD Connect Link ASM                |
| 30   | 103-5192    | 1    | Spacer-Control, HYD                    |
| 31   | 322-12      | 1    | Screw-HH 5/16-18 X 2 1/2               |
| 32   | 322-14      | 1    | Screw-HH 5/16-18 X 3                   |
| 33   | 322-6       | 2    | Screw-HH 5/16-18 X 1 1/4               |
| 34   | 323-4       | 8    | Screw-HH 3/8-16 X 3/4                  |
| 35   | 323-6       | 4    | Screw-HH 3/8-16 X 1                    |
| 36   | 323-9       | 6    | Screw-HH 3/8-16 X 1 3/4                |
| 37   | 3217-6      | 4    | Nut-Hex                                |
| 38   | 3219-2      | 10   | Nut-Hex 5/16-24                        |
| 39   | 3256-2      | 2    | Washer-1/4 Std                         |
| 40   | 3272-5      | 2    | Pin-Cotter 3/32 X 1/2                  |
| 41   | 3290-357    | 8    | Nut-Whizlock 3/8-16                    |
| 42   | 3296-29     | 8    | Nut-Nyloc 5/16-18                      |
| 43   | 3296-39     | 6    | Nut-Nyloc 3/8-16                       |
| 44   | 32128-20    | 6    | Nut-Whizlock 5/16-18                   |
| 45   | 109-3908    | 2    | Tab-Adjustment                         |
| 46   | 3230-23     | 2    | Bolt-Carriage 5/16-18 X 3/4 Short Neck |

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



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

| Description       | Kubota Part No. |
|-------------------|-----------------|
| Engine Oil Filter | 15853-3243      |

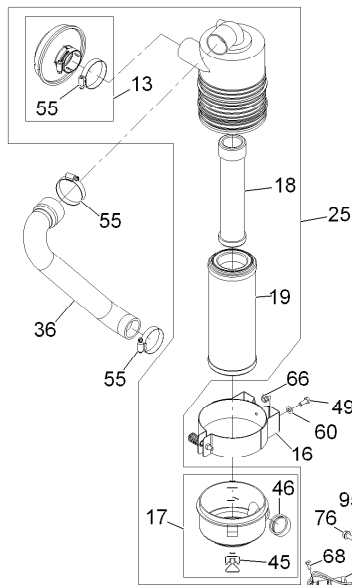
## Engine Assembly

| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 1    | 1-303334    | 6    | Washer-Spring Disc 5/16        |
| 2    | 1-603610    | 2    | Washer-Spring Disc 7/16        |
| 4    | 1-805005    | 3    | Washer-Lock 5/16 Heavy         |
| 5    | 1-807014    | 1    | Key-Woodruff 1/4 X 7/8         |
| 6    | 42-9600     | 12   | Washer-Lock M10                |
| 7    | 63-7790     | 12   | Screw-HH M10-1.25 X 1.25Mm     |
| 11   | 93-6099     | 4    | Washer                         |
| 12   | 98-5975     | 1    | Washer-Spring Disc 3/8         |
| 13   | 100-2436    | 1    | Asm-Hood Air Intake W/Clamp    |
| 14   | 103-0608    | 2    | Balljoint                      |
| 16   | 103-1058    | 1    | Bracket-Filter, Air            |
| 17   | 103-1060    | 1    | Cover-Filter, Air              |
| 18   | 103-1326    | 1    | Filter-Air, Safety             |
| 19   | 103-1327    | 1    | Filter-Air                     |
| 21   | 103-3567    | 1    | Link,Rear A-T Axial            |
| 22   | 103-3568    | 2    | Isolator-Link                  |
| 23   | 103-3745    | 1    | Ball Joint Link ASM            |
| 24   | 103-4718    | 1    | Sheave,5K 4"pd Poly-V          |
| 25   | 103-5178    | 1    | Asm-Canister Air Filter W/Hood |
| 31   | 109-8528    | 1    | Asm, A-T Link                  |
| 32   | 103-7544    | 1    | Link, A-T Axial                |
| 33   | 109-9873    | 1    | Shaft,Kubota 902 Stub          |
| 34   | 103-7556    | 1    | Hub,Pump Drive                 |

| Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 36   | 103-7597    | 1    | Hose,Air Intake D902(801598) |
| 39   | 108-5922    | 1    | Bracket-Support, Throttle    |
| 41   | 109-0789    | 1    | Fan,Cooling 7"               |
| 42   | 109-1211    | 1    | Solenoid,Fuel                |
| 44   | 99-8343     | 1    | Gasket-Muffler               |
| 45   | 99-3174     | 2    | Clip-Cleaner, Air            |
| 46   | 109-2820    | 1    | Ejector-Air Cleaner          |
| 47   | 109-2901    | 1    | Belt,Kubota 902 Alt          |
| 48   | 116-1610    | 1    | Clutch, Cms250 Kd            |
| 49   | 322-3       | 8    | Screw-HH 5/16-18 X 3/4       |
| 50   | 322-5       | 1    | Screw-HH 5/16-18 X 1         |
| 52   | 323-7       | 1    | Screw-HH 3/8-16 X 1 1/4      |
| 53   | 323-8       | 1    | Screw-HH 3/8-16 X 1 1/2      |
| 55   | 2412-42     | 3    | Clamp-Hose                   |
| 56   | 3212-8      | 1    | Screw-HH 7/16-20 X 2 ●       |
| 57   | 3220-3      | 2    | Nut-Jam 3/8-24               |
| 58   | 3253-4      | 4    | Washer-Lock 5/16             |
| 59   | 3256-2      | 2    | Washer-1/4 Std               |
| 60   | 3256-23     | 3    | Washer-5/16 Sae              |
| 61   | 3256-24     | 1    | Washer-3/8 Sae               |
| 64   | 3296-39     | 1    | Nut-Nyloc 3/8-16             |
| 65   | 3296-6      | 2    | Nut-Nyloc 3/8-24             |
| 66   | 32128-20    | 2    | Nut-Whizlock 5/16-18         |
| 67   | 33014-00    | 4    | Nut-Hex M8-1.25              |
| 68   | 33113-012   | 2    | Screw-HH M6-1 X 12Mm         |

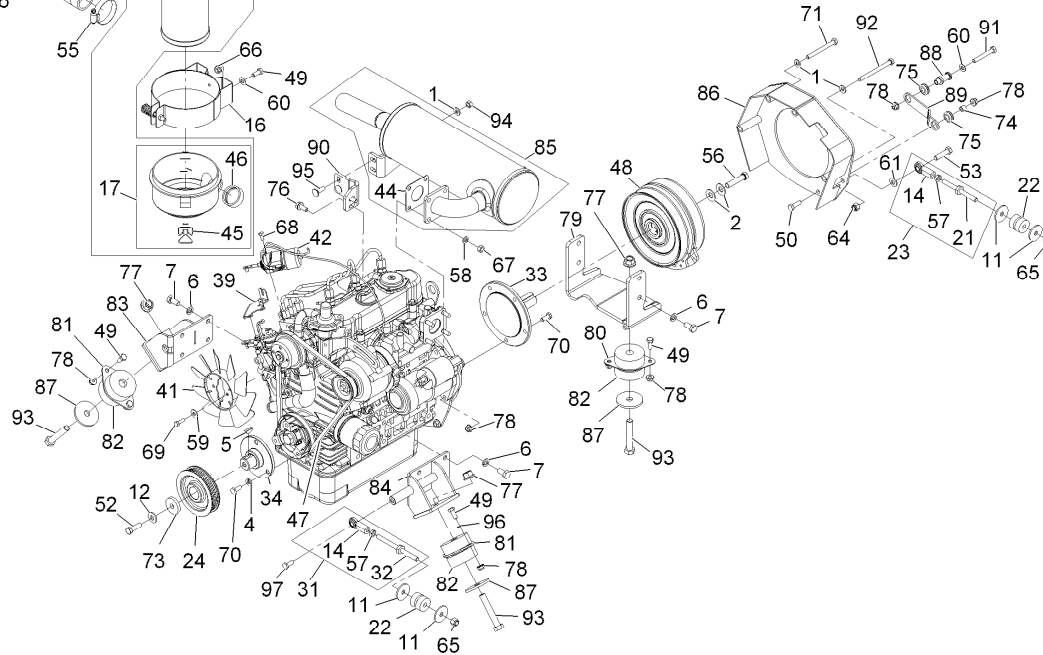
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.





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

| Description       | Kubota Part No. |
|-------------------|-----------------|
| Engine Oil Filter | 15853-3243      |

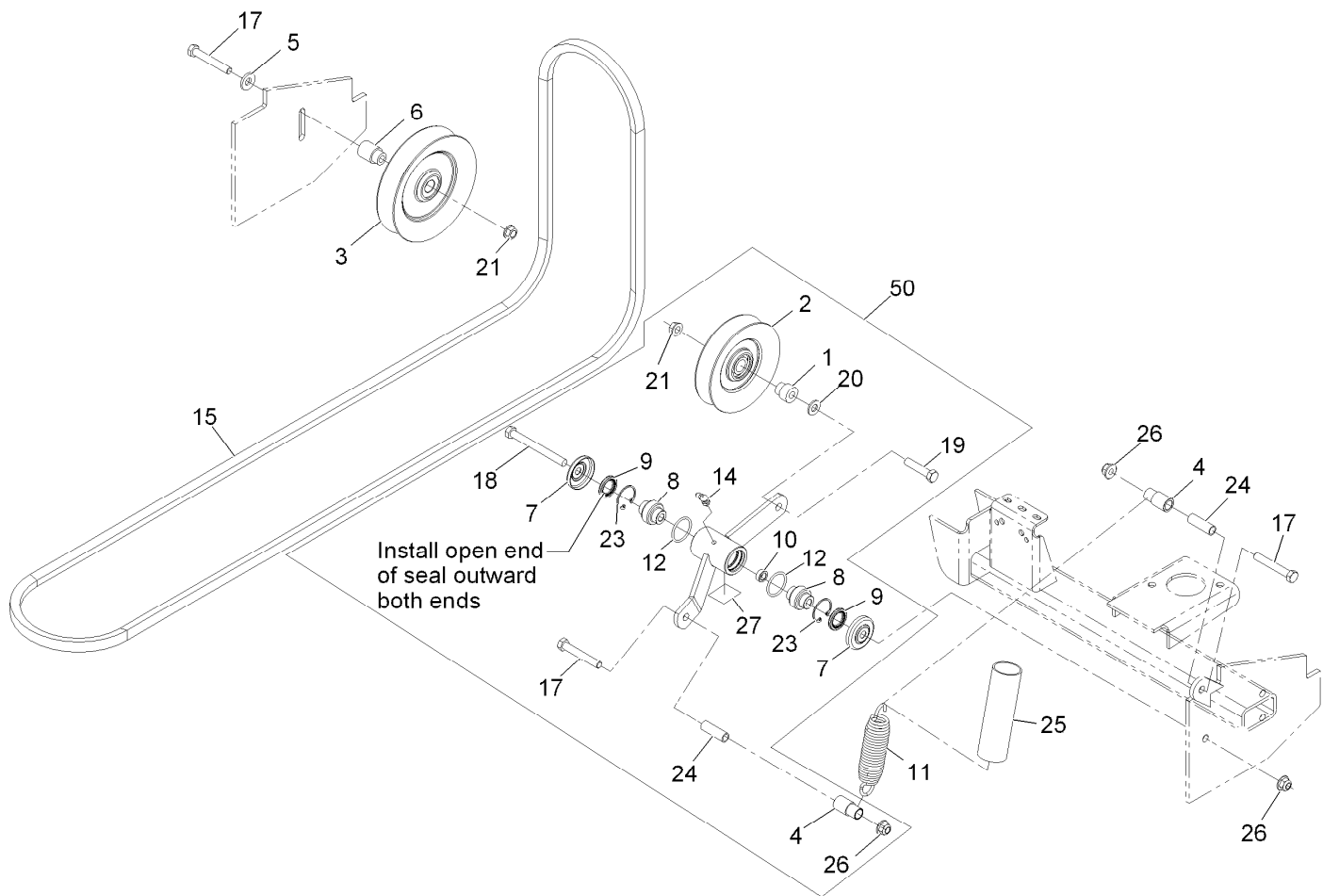


## Engine Assembly (continued)

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 69   | 33113-020   | 2    | Screw-HH M6-1 X 20Mm    |
| 70   | 33114-020   | 8    | Screw-HH M8-1.25 X 20Mm |
|      |             |      | ●                       |
| 71   | 33114-080   | 3    | Screw-HH M8-1.25 X 80Mm |
| 73   | 1-543610    | 1    | Washer                  |
| 74   | 1-633545    | 1    | Spacer                  |
| 75   | 1-633630    | 2    | Grommet                 |
| 76   | 95-4184     | 2    | Screw-HHF               |
| 77   | 99-5107     | 3    | Nut-Lock 1/2-13         |
| 78   | 104-8300    | 9    | Nut-Nyloc 5/16-18 Flg   |
| 79   | 116-2638-03 | 1    | Bracket,Engine Mount    |
| 80   | 116-2641-03 | 1    | Flange Asm              |
| 81   | 116-2725-03 | 2    | Flange-11GA             |
| 82   | 116-4433    | 3    | Isolator,Engine         |
| 83   | 116-4513-03 | 1    | Engine Mount-Rh         |

| Ref. | Part Number | Qty. | Description                     |
|------|-------------|------|---------------------------------|
| 84   | 116-4514-03 | 1    | Engine Mount-Lh                 |
| 85   | 109-2855    | 1    | Kit, Muffler                    |
| 86   | 116-5089-03 | 1    | Wld,Flywheel Cover              |
| 87   | 116-5142    | 3    | Washer                          |
| 88   | 116-5295    | 1    | Clutch Standoff                 |
| 89   | 116-5296-03 | 1    | Clutch Link                     |
| 90   | 116-5342-03 | 1    | Bracket-Muffler                 |
| 91   | 322-11      | 1    | Screw-HH 5/16-18 X 2 1/4        |
| 92   | 322-23      | 1    | Screw-HH 5/16-18 X 3 3/4        |
| 93   | 325-12      | 3    | Screw-HH 1/2-13 X 3             |
| 94   | 3217-6      | 2    | Nut-Hex 5/16-18                 |
| 95   | 3230-2      | 2    | Bolt-Carriage 5/16-18 X 1       |
| 96   | 3255-8      | 1    | Washer-Lock 5/16<br>(Ext-Tooth) |
| 97   | 3235-22     | 1    | Screw-HH, Lock                  |

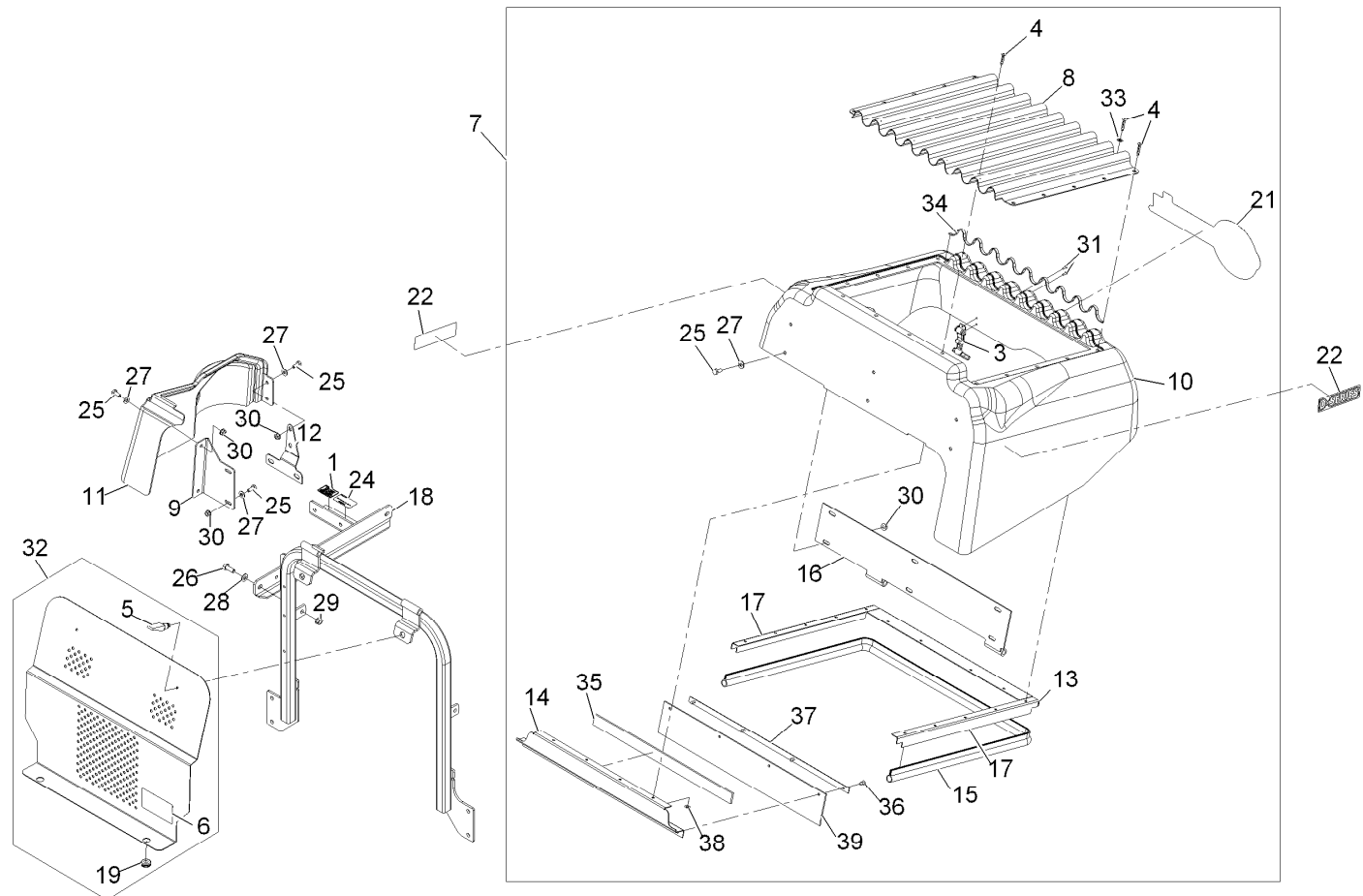
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



## Engine Deck Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 1-603496    | 1    | Bushing-Idler          |
| 2    | 1-603805    | 1    | Pulley-Idler           |
| 3    | 1-633166    | 1    | Pulley-Idler           |
| 4    | 109-8866    | 2    | Bushing,Plastic        |
| 5    | 98-5975     | 1    | Washer-Spring Disc 3/8 |
| 6    | 103-2627    | 1    | Bushing-Idler          |
| 7    | 103-2916    | 2    | Guard-Top              |
| 8    | 103-3504    | 2    | Bearing-Spherical      |
| 9    | 103-3506    | 2    | Seal-Single Lip        |
| 10   | 103-5677    | 1    | Spacer                 |
| 11   | 116-0608    | 1    | Spring                 |
| 12   | 106-7159    | 2    | O-Ring                 |
| 14   | 302-40      | 1    | Zerk-90° 1/4-28        |

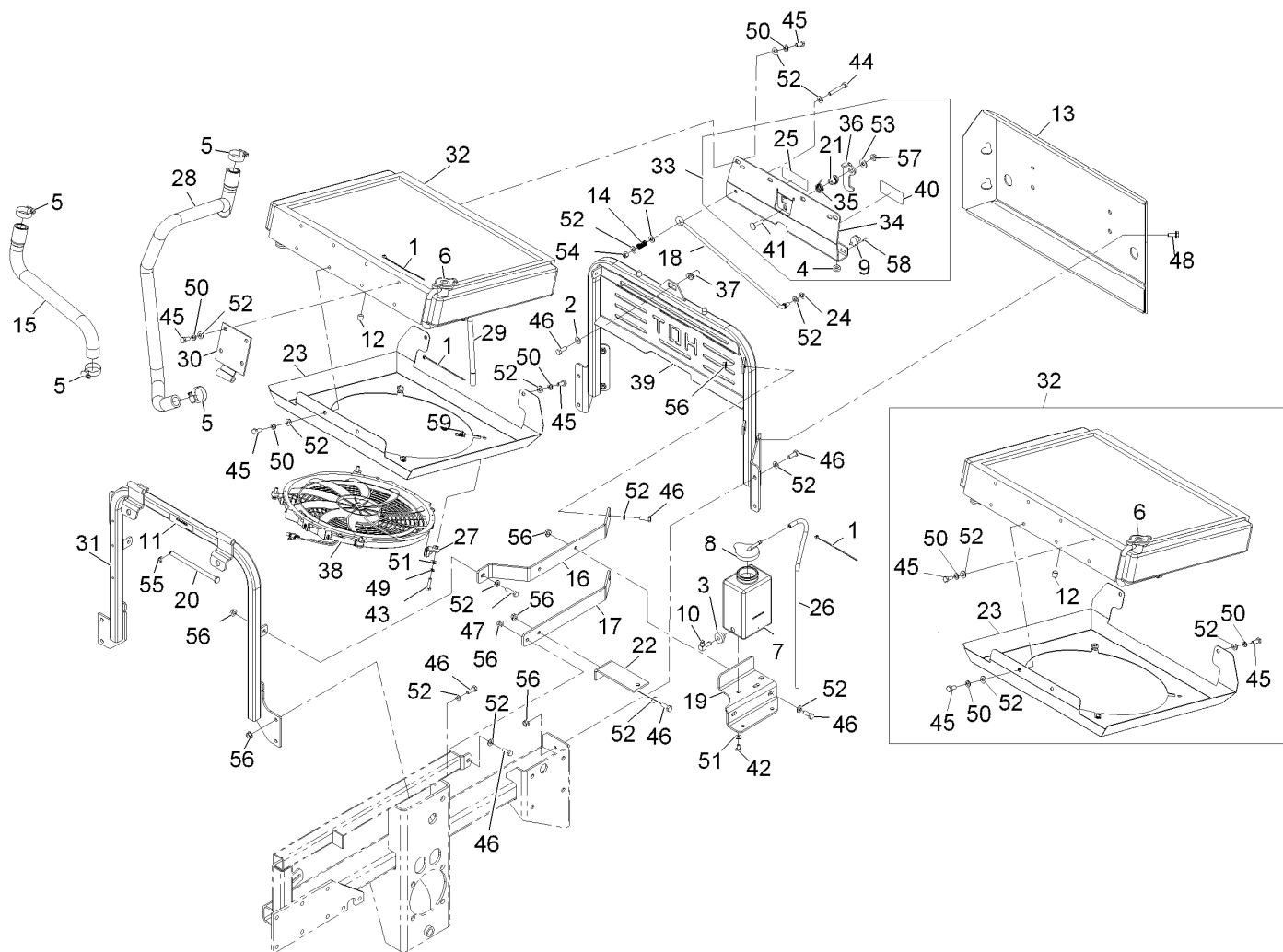
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 15   | 109-4199    | 1    | Belt,B 123.2            |
| 17   | 323-12      | 3    | Screw-HH 3/8-16 X 2 1/2 |
| 18   | 323-42      | 1    | Screw-HH 3/8-16 X 3 3/4 |
| 19   | 323-10      | 1    | Screw-HH 3/8-16 X 2     |
| 20   | 3256-24     | 1    | Washer-3/8 Sae          |
| 21   | 109-6658    | 2    | Nut-Nyloc 3/8-16 Flg    |
| 23   | 32120-10    | 2    | Ring-Retaining          |
| 24   | 109-8754    | 2    | Spacer                  |
| 25   | 116-0932    | 1    | Dampener, Spring        |
| 26   | 104-8301    | 3    | Nut-Nyloc 3/8-16 Flg    |
| 27   | 103-5858    | 1    | Decal,Grease            |
| 50   | 116-5042    | 1    | Asm, Mule Idler D902    |



## Hood and Panel Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 1-513746    | 1    | Decal-Muffler              |
| 3    | 1-643188    | 2    | Latch-Rubber               |
| 4    | 1-803072    | 18   | Rivet                      |
| 5    | 74-5950     | 2    | Latch                      |
| 6    | 116-0127    | 1    | Decal,Hydro Belt Routing   |
| 7    | 116-5304    | 1    | Asm, Hood                  |
| 8    | 103-9201-03 | 1    | Screen, Radiator           |
| 9    | 103-9206-03 | 1    | Bracket,Front Cover        |
| 10   | 103-9220    | 1    | Cover, Radiator            |
| 11   | 103-9221    | 1    | Panel, Side                |
| 12   | 103-9222-03 | 1    | Bracket,Rear Cover         |
| 13   | 116-5323-03 | 1    | Mount-Seal Rear            |
| 14   | 116-5302-03 | 1    | Mount-Seal Front           |
| 15   | 116-5325    | 1    | Seal-Trim 54.6             |
| 16   | 103-9226-03 | 1    | Wld, Hinge                 |
| 17   | 116-5324-03 | 2    | Mount-Seal Side            |
| 18   | 109-3257    | 1    | ASM,Air Clnr Brkt W/Decals |
| 19   | 109-0023    | 2    | Grommet                    |
| 21   | 109-1801    | 1    | Decal,Exmark               |

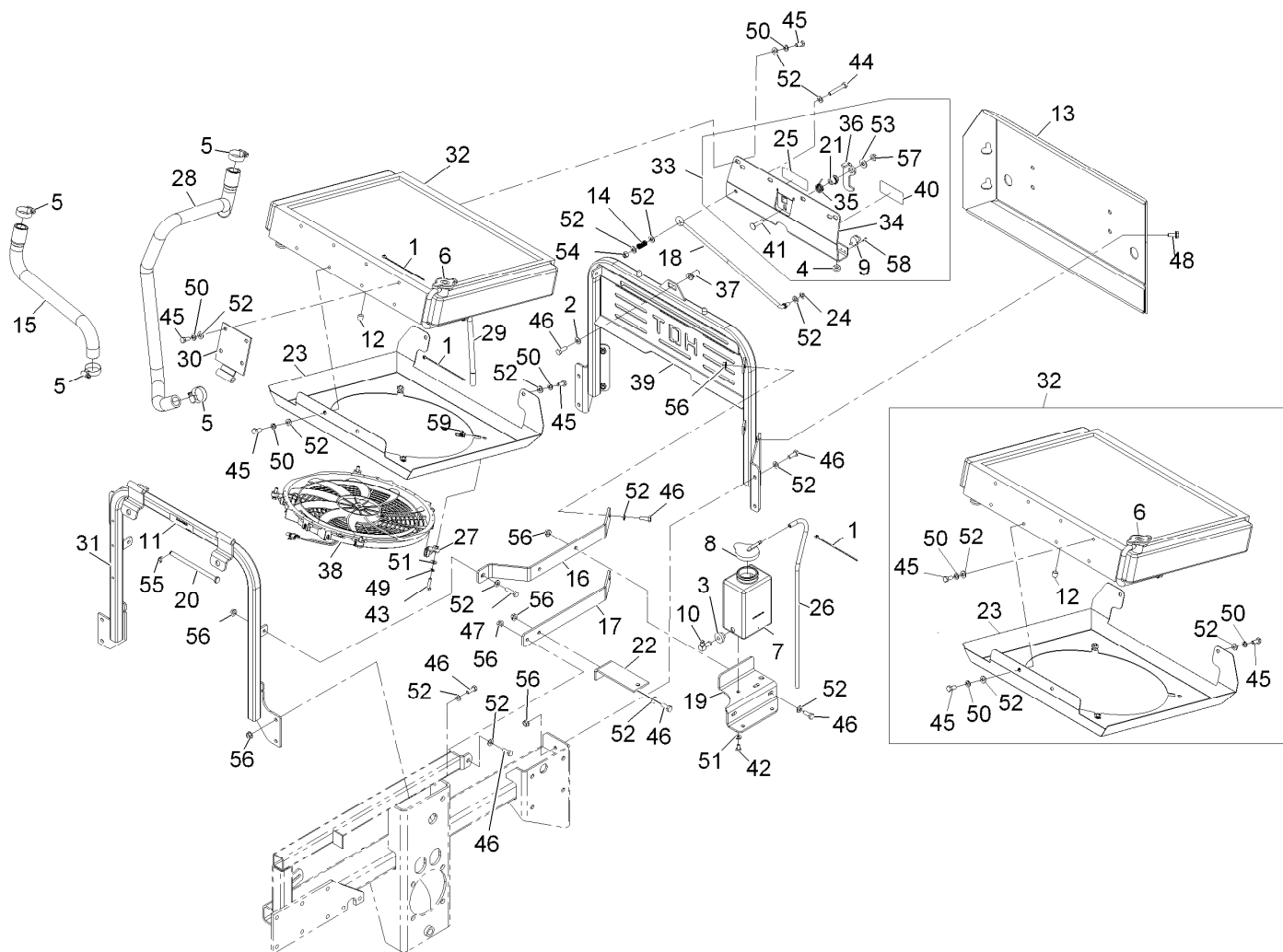
| Ref. | Part Number | Qty. | Description                          |
|------|-------------|------|--------------------------------------|
| 22   | 116-3895    | 2    | Decal-D-Series                       |
| 24   | 110-0806    | 1    | Decal-Caution                        |
| 25   | 321-3       | 12   | Screw-HH 1/4-20 X 5/8                |
| 26   | 322-4       | 1    | Screw-HH 5/16-18 X 7/8               |
| 27   | 3256-22     | 12   | Washer-1/4 Sae                       |
| 28   | 3256-23     | 1    | Washer-5/16 Sae                      |
| 29   | 32128-20    | 1    | Nut-Whizlock 5/16-18                 |
| 30   | 32128-33    | 12   | Nut-Whizlock 1/4-20                  |
| 31   | 923786      | 4    | Rivet                                |
| 32   | 109-3201    | 1    | Asm, Air Deflector W/Decal           |
| 33   | 3256-14     | 4    | Washer-#10 Std                       |
| 34   | 116-5349    | 1    | Seal-Rear Screen                     |
| 35   | 116-5348    | 1    | Seal-Front Screen                    |
| 36   | 1-803073    | 4    | Pop<br>Rivet.187X.188/.25Al(Ad64Abs) |
| 37   | 116-5319-03 | 1    | Plate-Seal Backup                    |
| 38   | 1-303435    | 4    | Washer-Spring Disc 1/4               |
| 39   | 116-5160    | 1    | Seal-Radiator Hood                   |



## Cooling Assembly

| Ref. | Part Number | Qty. | Description                       |
|------|-------------|------|-----------------------------------|
| 1    | 1-303287    | 3    | Tie-Cable 5 1/2 (Small)           |
| 2    | 1-303334    | 1    | Washer-Spring Disc 5/16           |
| 3    | 1-513645    | 1    | Bushing-Valve, Fuel               |
| 4    | 1-513658    | 2    | Bumper                            |
| 5    | 1-633989    | 4    | Clamp                             |
| 6    | 1-643161    | 1    | Cap-Radiator                      |
| 7    | 1-643163    | 1    | Tank-Overflow                     |
| 8    | 1-643164    | 1    | Cap-Tank, Overflow                |
| 9    | 1-643189    | 2    | Keeper-Latch, Rubber              |
| 10   | 1-643259    | 1    | Fitting-Elbow                     |
| 11   | 98-5954     | 1    | Decal-Missing Cover               |
| 12   | 99-8551     | 1    | Plug-Pipe                         |
| 13   | 103-1479-03 | 1    | Wld,Rear Bumper                   |
| 14   | 103-6643    | 1    | Spring,Lock Pin                   |
| 15   | 103-7532    | 1    | Hose,Radiator Upper D902(801593A) |
| 16   | 103-7558-03 | 1    | Rib, Top                          |
| 17   | 103-7579-03 | 1    | Rib, Bottom                       |
| 18   | 103-9207    | 1    | Rod,Prop                          |
| 19   | 103-9214-03 | 1    | Bracket                           |
| 20   | 103-9218    | 2    | Pin                               |

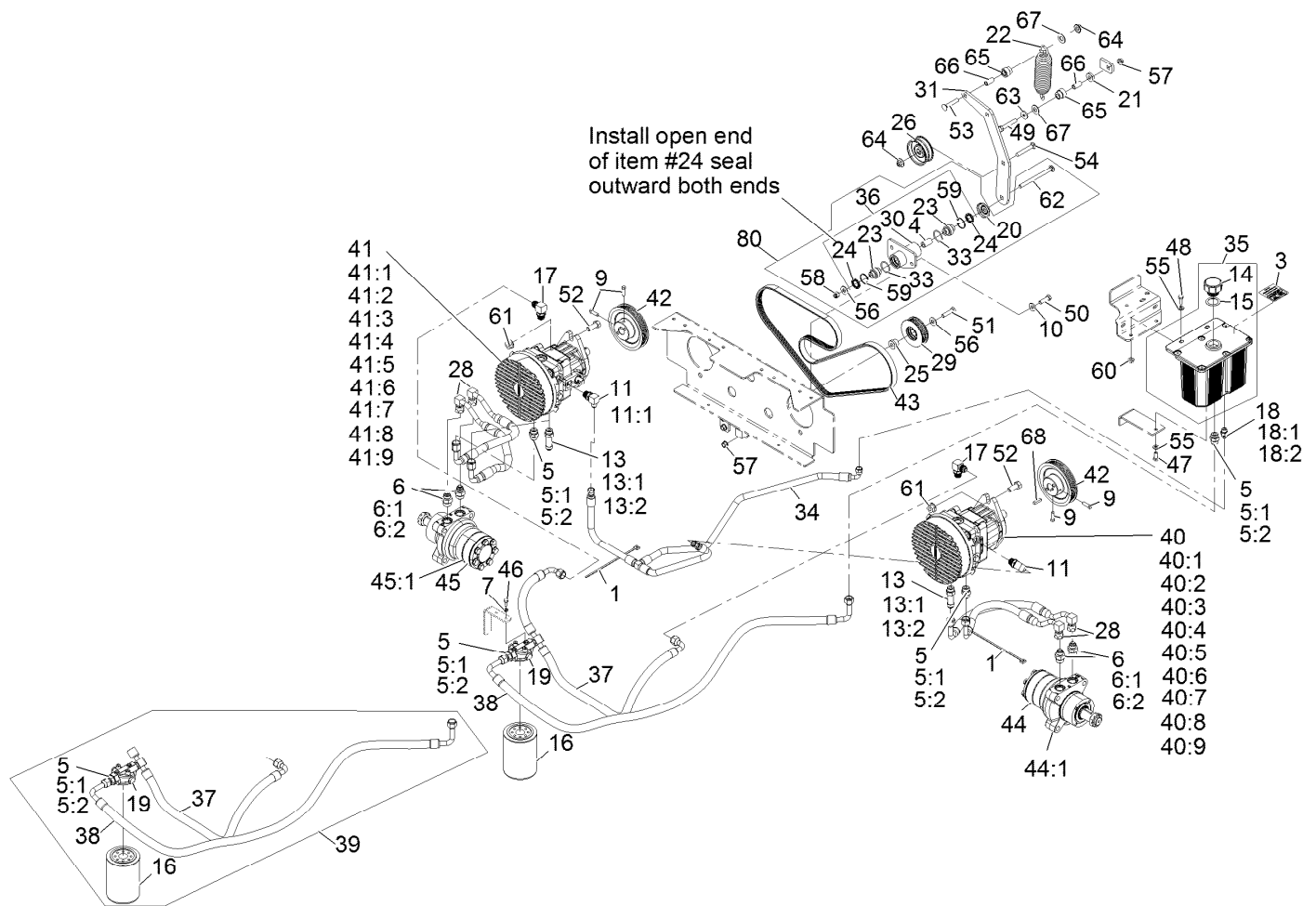
| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 21   | 107-0075    | 1    | Bushing                   |
| 22   | 109-0089-03 | 1    | Bracket, Hydraulic Tank   |
| 23   | 109-8732-03 | 1    | Shroud, Fan               |
| 24   | 109-0917    | 1    | Nut-Push 5/16             |
| 25   | 109-2263    | 1    | Decal, Radiator Assembly  |
| 26   | 109-2669    | 1    | Hose-.25 Id X 22"         |
| 27   | 109-2950    | 4    | Mount,Fan                 |
| 28   | 109-3142    | 1    | Hose,Radiator Lower D902  |
| 29   | 109-3143    | 1    | Hose, Overflow            |
| 30   | 109-3179-03 | 2    | Wld,Hinge Plate           |
| 31   | 109-2804    | 1    | ASM, Rad. Mount W/ Decals |
| 32   | 109-8733    | 1    | Asm, Radiator             |
| 33   | 109-8427    | 1    | ASM-Latch Plate           |
| 34   | 109-8539    | 1    | ASM,Latch Plate S.O.      |
| 35   | 109-8430    | 1    | Spring                    |
| 36   | 109-8431    | 1    | Hook,Latch                |
| 37   | 109-8432    | 1    | Pin,Latch                 |
| 38   | 109-9195    | 1    | Fan, 14" Electric         |
| 39   | 109-8546-03 | 1    | Wld,Rear Guard            |
| 40   | 110-3842    | 1    | Decal-Antifreeze          |



## Cooling Assembly (continued)

| Ref. | Part Number | Qty. | Description                          |
|------|-------------|------|--------------------------------------|
| 41   | 112-6950    | 1    | Bolt-Carr 5/16-18 X 1 3/8 Short Neck |
| 42   | 321-2       | 2    | Screw-HH 1/4-20 X 1/2                |
| 43   | 321-6       | 4    | Screw-HH 1/4-20 X 1                  |
| 44   | 322-10      | 1    | Screw-HH 5/16-18 X 2                 |
| 45   | 322-3       | 12   | Screw-HH 5/16-18 X 3/4               |
| 46   | 322-4       | 15   | Screw-HH 5/16-18 X 7/8               |
| 47   | 322-6       | 1    | Screw-HH 5/16-18 X 1 1/4             |
| 48   | 3234-47     | 4    | Screw-HH Flg 5/16-18 X 3/4           |
| 49   | 3253-3      | 4    | Washer-Lock 1/4                      |

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 50   | 3253-4      | 12   | Washer-Lock 5/16          |
| 51   | 3256-22     | 6    | Washer-1/4 Sae            |
| 52   | 3256-23     | 31   | Washer-5/16 Sae           |
| 53   | 3256-3      | 1    | Washer-5/16 Std           |
| 54   | 3296-29     | 1    | Nut-Nyloc 5/16-18         |
| 55   | 32120-18    | 2    | E-Ring                    |
| 56   | 32128-20    | 15   | Nut-Whizlock 5/16-18      |
| 57   | 32128-25    | 1    | Nut-Hex 5/16-18 Side Lock |
| 58   | 923786      | 4    | Rivet                     |
| 59   | 107069      | 4    | Nut-Retainer-Panel 1/4-20 |



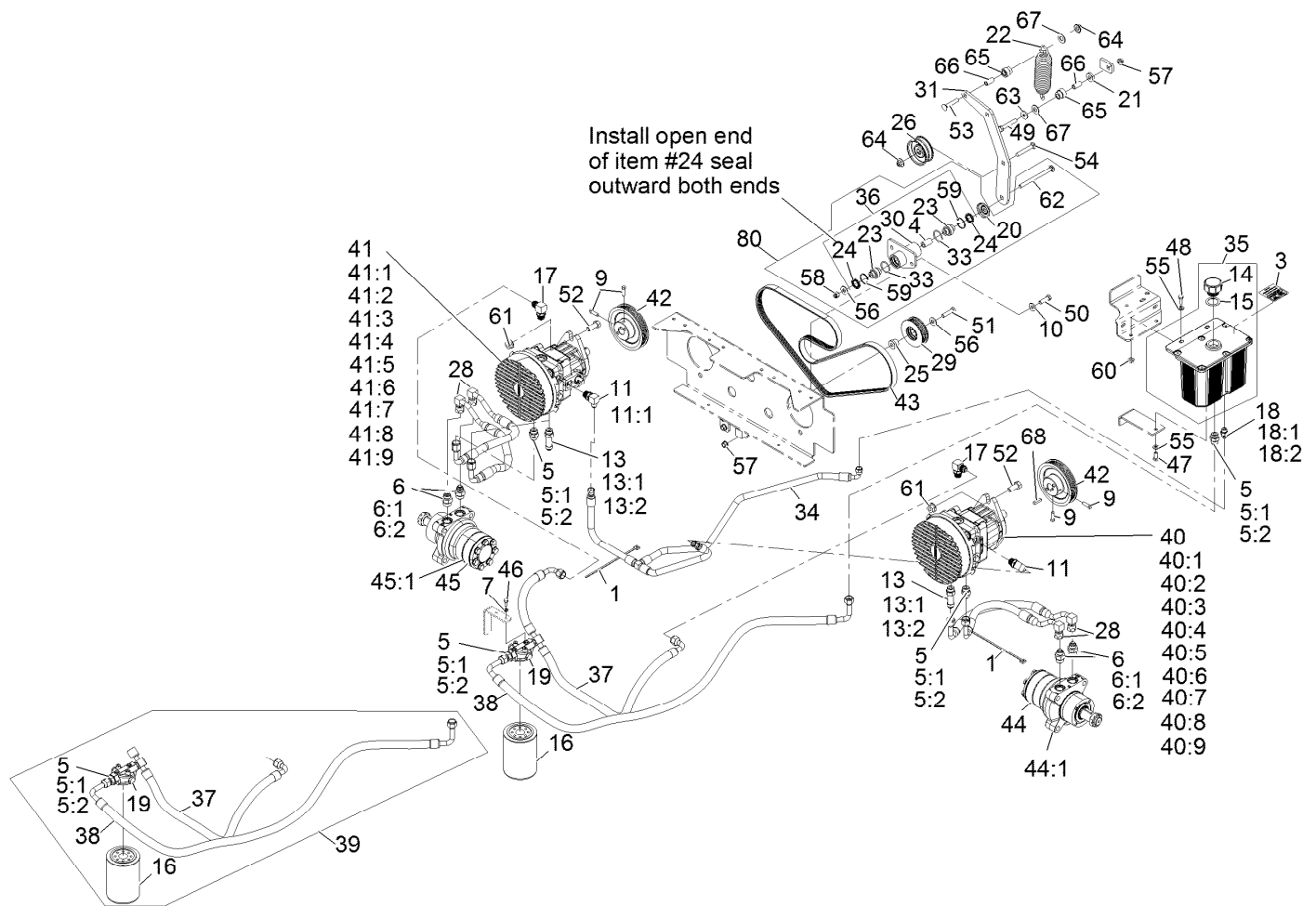
## Hydraulic Assembly

| Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 1    | 1-303335    | 2    | Tie-Cable 7 15/16 (Large)    |
| 3    | 116-0404    | 1    | Decal-Hydraulic Tank         |
| 4    | 1-603401    | 1    | Spacer                       |
| 5    | 1-603990    | 4    | Adapter-Straight ●           |
| 5:1  | 1-603992    | 1    | O-Ring-37 Flare #8           |
| 5:2  | 1-603920    | 1    | O-Ring-Sae #8                |
| 6    | 1-603991    | 4    | Adapter-Straight             |
| 6:1  | 1-603992    | 1    | O-Ring-37 Flare #8           |
| 6:2  | 1-603919    | 1    | O-Ring-Sae #10               |
| 7    | 1-805004    | 2    | Washer-Lock 1/4 Heavy        |
| 9    | 30-1710     | 4    | Setscrew-5/16-18 X 1 ■       |
| 10   | 98-5975     | 3    | Washer-Spring Disc 3/8       |
| 11   | 103-1014    | 2    | Elbow-90°                    |
| 11:1 | 1-603920    | 1    | O-Ring-Sae #8                |
| 13   | 103-1940    | 2    | Adapter-Straight             |
| 13:1 | 1-603992    | 1    | O-Ring-37 Flare #8           |
| 13:2 | 1-603920    | 1    | O-Ring-Sae #8                |
| 14   | 103-1948    | 1    | Cap-Reservoir, HYD           |
| 15   | 103-1949    | 1    | Gasket-Cap                   |
| 16   | 103-2146    | 1    | Element-Hydraulic Oil Filter |
| 17   | 103-2153    | 2    | Elbow-90°                    |
| 18   | 103-2156    | 1    | Adapter-Straight ●           |
| 18:1 | 103-1020    | 1    | O-Ring                       |
| 18:2 | 1-603921    | 1    | O-Ring                       |
| 19   | 103-2259    | 1    | Head-Filter                  |
| 20   | 103-2916    | 1    | Guard-Top                    |

● Use a Teflon Pipe Sealant or equivalent on threads.

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

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 21   | 103-3186    | 1    | Spacer-Bracket, Guide     |
| 22   | 116-0133    | 1    | Extension-Spring          |
| 23   | 103-3504    | 2    | Bearing-Spherical         |
| 24   | 103-3506    | 2    | Seal-Single Lip           |
| 25   | 103-4566    | 1    | Spacer, Lower Frame Idler |
| 26   | 116-0888    | 1    | Idler, Flanged            |
| 28   | 103-4680    | 4    | HYD Hose ASM              |
| 29   | 103-4728    | 1    | ASM, Lower Frame Idler    |
| 30   | 103-7559-03 | 1    | Wld, Idler Pivot          |
| 31   | 103-7569-03 | 1    | Arm, Pump Idler           |
| 33   | 106-7159    | 2    | O-Ring                    |
| 34   | 109-0087    | 1    | Asm-Case Drain Hose       |
| 35   | 109-0448    | 1    | Tank-Hydraulic            |
| 36   | 109-3036    | 1    | Asm, Pump Idler           |
| 37   | 109-6903    | 1    | ASM, Hose-Pump Inlet      |
| 38   | 109-6904    | 1    | ASM, Hose-Filter Inlet    |
| 39   | 109-6905    | 1    | ASM, Filter HD. W/ Hoses  |
| 40   | 109-7543    | 1    | Pump, LH                  |
| 40:1 | 109-8113    | 1    | Kit, Seal Service 21L     |
| 40:2 | 109-8109    | 1    | Kit, Input Shaft 21L      |
| 40:3 | 103-2670    | 1    | Thrust Bearing Kit        |
| 40:4 | 94-1913     | 1    | Cylinder Block ASM        |
| 40:5 | 100-6112    | 1    | Plate-Valve               |
| 40:6 | 116-1739    | 1    | Fan, Pw Pump Cooling      |
| 40:7 | 116-0917    | 1    | Guard, Pw Pump Fan        |
| 40:8 | 109-8110    | 1    | Kit, Input Bearing        |



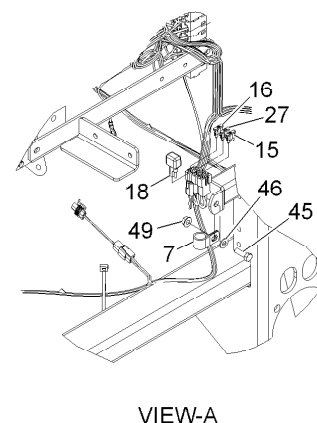
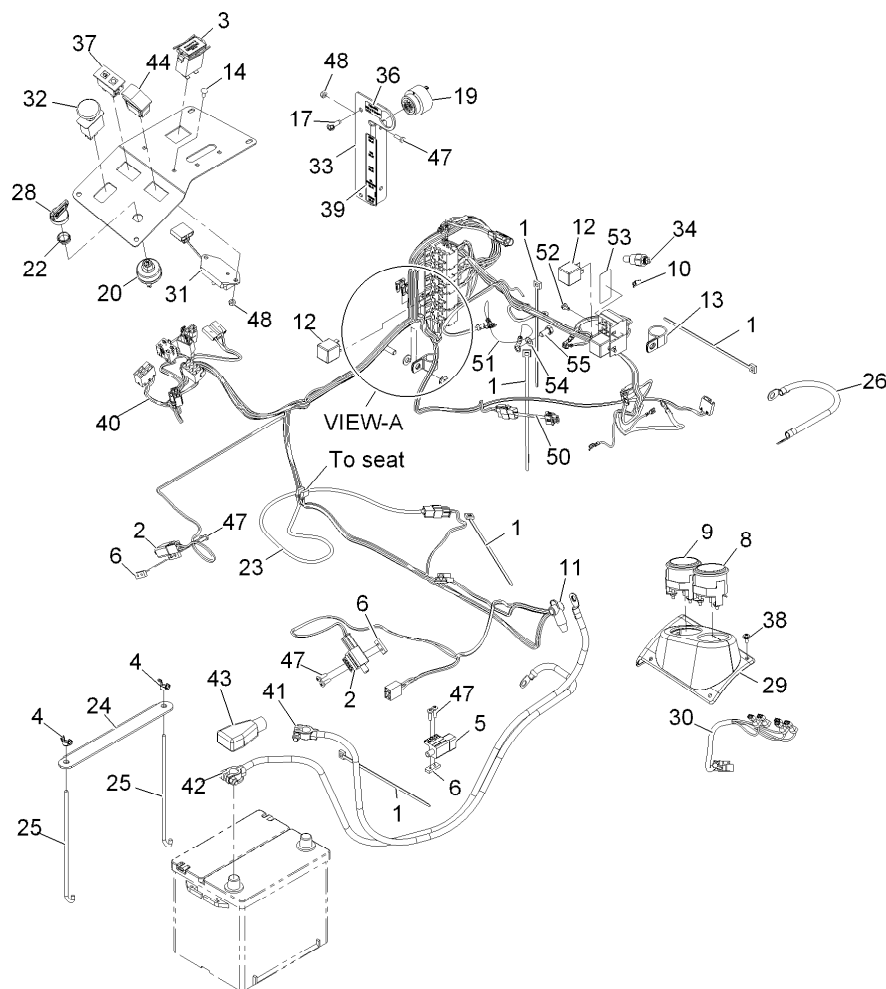
## Hydraulic Assembly (continued)

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 40:9 | 106-2053    | 1    | Shock Valve Kit           |
| 41   | 109-7544    | 1    | Pump, RH                  |
| 41:1 | 109-8113    | 1    | Kit, Seal Service 21L     |
| 41:2 | 109-8109    | 1    | Kit, Input Shaft 21L      |
| 41:3 | 103-2670    | 1    | Thrust Bearing Kit        |
| 41:4 | 94-1913     | 1    | Cylinder Block ASM        |
| 41:5 | 100-6112    | 1    | Plate-Valve               |
| 41:6 | 116-1739    | 1    | Fan, Pw Pump Cooling      |
| 41:7 | 116-0917    | 1    | Guard, Pw Pump Fan        |
| 41:8 | 109-8110    | 1    | Kit, Input Bearing        |
| 41:9 | 106-2053    | 1    | Shock Valve Kit           |
| 42   | 109-7561    | 2    | Sheave, 5K 5.0" Pd Poly-V |
| 43   | 109-7582    | 1    | Belt, 5K 68.8             |
| 44   | 112-8357    | 1    | HYD Motor ASM (CCW)       |
| 44:1 | 109-5966    | 1    | Wheel Motor Seal Kit      |
| 45   | 112-8358    | 1    | HYD Motor ASM (CW)        |
| 45:1 | 109-5966    | 1    | Wheel Motor Seal Kit      |
| 46   | 321-3       | 2    | Screw-HH 1/4-20 X 5/8     |
| 47   | 322-3       | 1    | Screw-HH 5/16-18 X 3/4    |
| 48   | 322-4       | 2    | Screw-HH 5/16-18 X 7/8    |
| 49   | 323-11      | 1    | Screw-HH 3/8-16 X 2 1/4   |

| Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 50   | 323-7       | 3    | Screw-HH 3/8-16 X 1 1/4      |
| 51   | 323-8       | 1    | Screw-HH 3/8-16 X 1 1/2      |
| 52   | 325-5       | 4    | Screw-HH 1/2-13 X 1 1/4      |
| 53   | 3231-6      | 1    | Bolt-Carriage 3/8-16 X 2     |
| 54   | 3231-31     | 1    | Bolt-Carriage 3/8-16 X 2 1/2 |
| 55   | 3256-23     | 3    | Washer-5/16 Sae              |
| 56   | 3256-4      | 2    | Washer-3/8 Std               |
| 57   | 3290-357    | 4    | Nut-Whizlock 3/8-16          |
| 58   | 3296-39     | 1    | Nut-Nyloc 3/8-16             |
| 59   | 32120-10    | 2    | Ring-Retaining               |
| 60   | 32128-20    | 2    | Nut-Whizlock 5/16-18         |
| 61   | 32128-49    | 4    | Nut-Whizlock 1/2-13          |
| 62   | 9000784     | 1    | Bolt-Carriage 3/8-16 X 5     |
| 63   | 5-0838      | 1    | Washer                       |
| 64   | 109-6658    | 2    | Nut-Nyloc 3/8-16 Flg         |
| 65   | 109-8752    | 2    | Bushing, Plastic             |
| 66   | 109-8753    | 2    | Spacer                       |
| 67   | 112-9771    | 2    | Washer-Teflon                |
| 68   | 1-807259    | 2    | Key-Machine 1/4 X 1/4 X 1    |
| 80   | 109-3250    | 1    | Kit, Pump Idler              |

● Use a Teflon Pipe Sealant or equivalent on threads.

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



## Electrical Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 1-303335    | 5    | Tie-Cable 7 15/16 (Large)  |
| 2    | 1-513051    | 2    | Switch-N.O.                |
| 3    | 1-513374    | 1    | Meter-Engine Hours         |
| 4    | 1-543792    | 2    | Wingnut-Nyloc 1/4-20       |
| 5    | 1-633111    | 1    | Switch                     |
| 6    | 1-633181    | 3    | Plate-Tapped               |
| 7    | 1-633396    | 1    | Clip-Loom 5/8              |
| 8    | 1-643021    | 1    | Gauge-Temperature          |
| 9    | 1-643037    | 1    | Gauge-Voltmeter            |
| 10   | 1-643145    | 1    | Tab                        |
| 11   | 103-1420    | 1    | Insulator-Starter          |
| 12   | 1-643275    | 7    | Relay-12Vdc 40 Amp         |
| 13   | 1-643312    | 1    | Clip-Loom                  |
| 14   | 1-807513    | 2    | Bolt-Carriage #10-24 X 1/2 |
| 15   | 1-816001    | 1    | Fuse-Blade Type, 20 Amp    |
| 16   | 1-816003    | 1    | Fuse-Blade Type, 30 Amp    |
| 17   | 49-2040     | 2    | Screw-HWH 1/4-20 X 3/4 Tf  |
| 18   | 100-4918    | 1    | Diode-Over Molded          |
| 19   | 103-0205    | 1    | Alarm-Dual Tone 12Vdc      |
| 20   | 103-0206    | 1    | Switch-Ignition W/Keys     |
| 22   | 103-0498    | 1    | Nut-Ignition               |
| 23   | 103-1227    | 1    | Harness-Wiring, Seat       |
| 24   | 103-1311-03 | 1    | Holddown-Battery           |
| 25   | 103-1312    | 2    | Bolt-Holddown              |

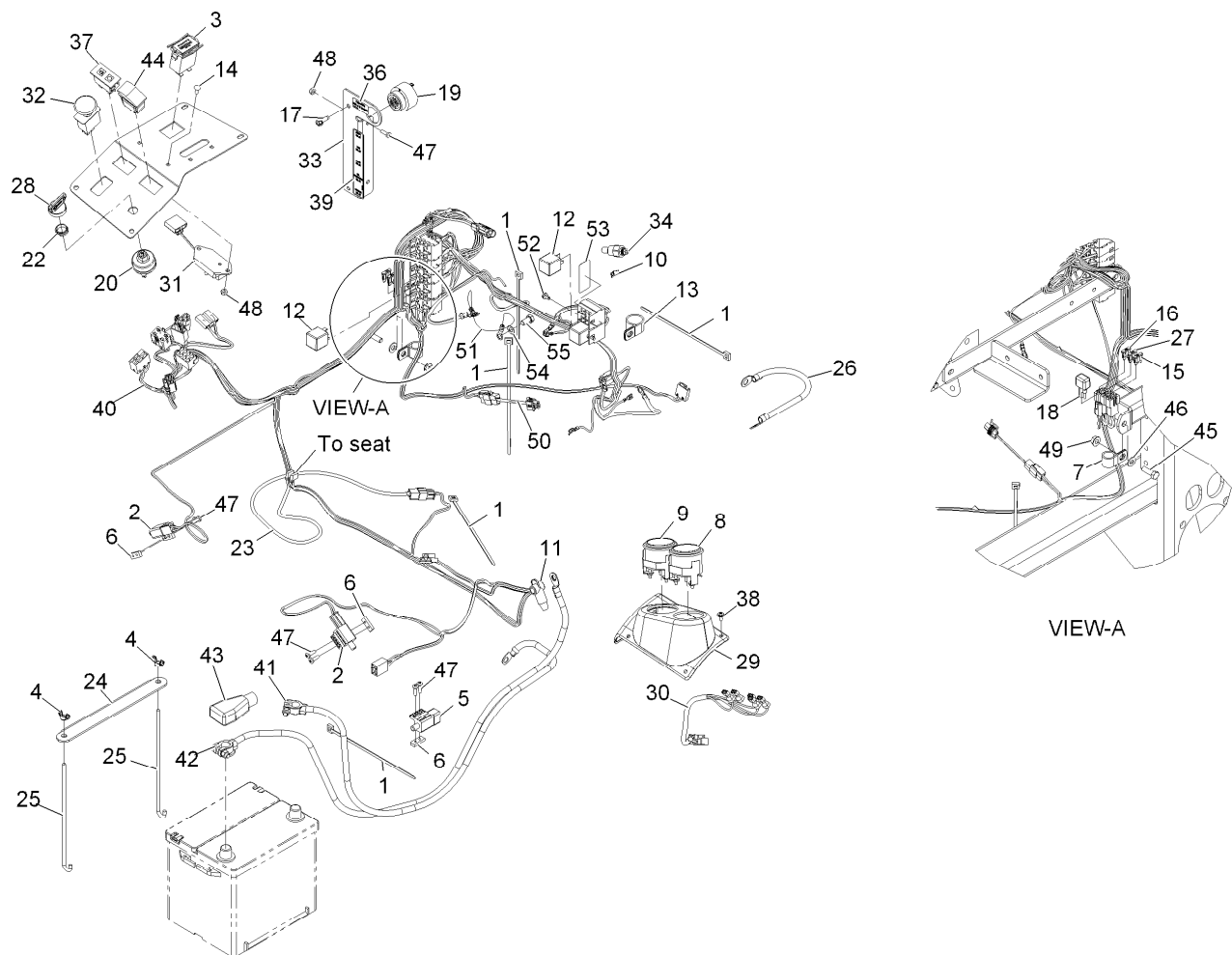
| Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 26   | 103-1349    | 1    | Cable-Engine Negative        |
| 27   | 103-1368    | 1    | Fuse-40 Amp                  |
| 28   | 103-2106    | 1    | Key-Exmark Logo              |
| 29   | 103-3684    | 1    | Bezel, Gage Xp LH Tank       |
| 30   | 103-4339    | 1    | Harness-Gauge ▲              |
| 31   | 103-5218    | 1    | Module-Delay, Seat           |
| 32   | 114-0279    | 1    | Switch-PTO                   |
| 33   | 109-3495    | 1    | ASM,Relay Brkt W/ Decals     |
| 34   | 103-7886    | 1    | Sender,Temperature ■         |
| 36   | 109-2478    | 1    | Decal                        |
| 37   | 109-2488    | 1    | Indicator,Oil/Glow Light     |
| 38   | 109-2661    | 4    | Screw-PPH #10-24 X 1/2       |
| 39   | 109-2951    | 1    | Decal,Relay Kubota           |
| 40   | 116-4977    | 1    | Harness-Wire [diesel]        |
| 41   | 109-3074    | 1    | Cable-Battery Negative       |
| 42   | 109-7607    | 1    | ASM,Positive Battery Cable ● |
| 43   | 103-1340    | 1    | Insulator-Terminal, Battery  |
| 44   | 110-0811    | 1    | Switch-Rocker                |
| 45   | 322-5       | 1    | Screw-HH 5/16-18 X 1         |
| 46   | 3256-23     | 1    | Washer-5/16 Sae              |
| 47   | 3290-500    | 8    | Screw-PPH #10-24 X 5/8       |
| 48   | 3296-2      | 4    | Nut-Nyloc #10-24             |
| 49   | 32128-20    | 1    | Nut-Whizlock 5/16-18         |

● Includes insulators

■ Use a Teflon Pipe Sealant or equivalent on threads.

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





## Electrical Assembly (continued)

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 50   | 110-8808    | 1    | Harness-Wire           |
| 51   | 116-5163    | 1    | Ground Wire ASM        |
| 52   | 104-2065    | 2    | Screw-HWH #10-24 X 3/8 |
| 53   | 116-5074    | 1    | Decal-Relay Diesel     |

| Ref. | Part Number | Qty. | Description                     |
|------|-------------|------|---------------------------------|
| 54   | 3255-8      | 1    | Washer-Lock 5/16<br>(Ext-Tooth) |
| 55   | 33114-016   | 1    | Screw-HH M8-1.25 X 16Mm         |

● Includes insulators

■ Use a Teflon Pipe Sealant or equivalent on threads.

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

**Notes:**

## 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.

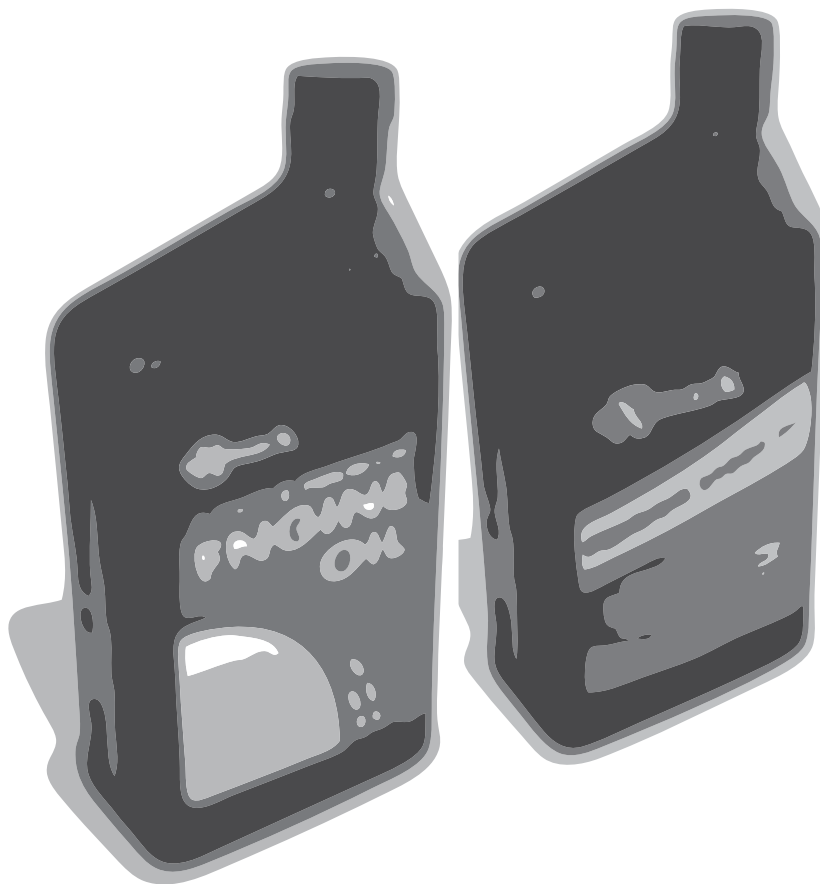
### **PREMIUM HYDRO OIL**

Part No. 109-9828

Commercial quality for tough, high-heat conditions.

Designed specifically for zero-turn mower hydraulic systems.

Superior shear resistance under heavy loads.



Available from your local Exmark dealer. Find your closest dealer at [exmark.com](http://exmark.com)

## EXMARK ACCESSORIES AND OPTIONS\*

### MID-MOUNT RIDING ACCESSORIES AND OPTIONS

|                                    |                                 |
|------------------------------------|---------------------------------|
| CUSTOM RIDE SEAT SUSPENSION SYSTEM | OPERATOR CONTROLLED DISCHARGE   |
| FULL SUSPENSION SEAT               | SUN SHADE                       |
| DECK LIFT ASSIST KIT               | TRASH CONTAINER                 |
| HITCH KIT                          | TURF STRIPER                    |
| LIGHT KIT                          | ULTRA VAC COLLECTION SYSTEM     |
| 12V POWER PORT                     | ULTRA VAC QUICK DISPOSAL SYSTEM |
| MICRO-MULCH SYSTEM                 |                                 |

### OUT-FRONT RIDING ACCESSORIES AND OPTIONS

|                                    |                                 |
|------------------------------------|---------------------------------|
| CUSTOM RIDE SEAT SUSPENSION SYSTEM | SNOW BLADE                      |
| DUAL-TAIL WHEEL                    | SNOWBLOWER                      |
| 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                     |

### WALK-BEHIND ACCESSORIES AND OPTIONS

|                    |              |
|--------------------|--------------|
| GRASS CATCHER      | TURF STRIPER |
| MICRO-MULCH SYSTEM | 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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