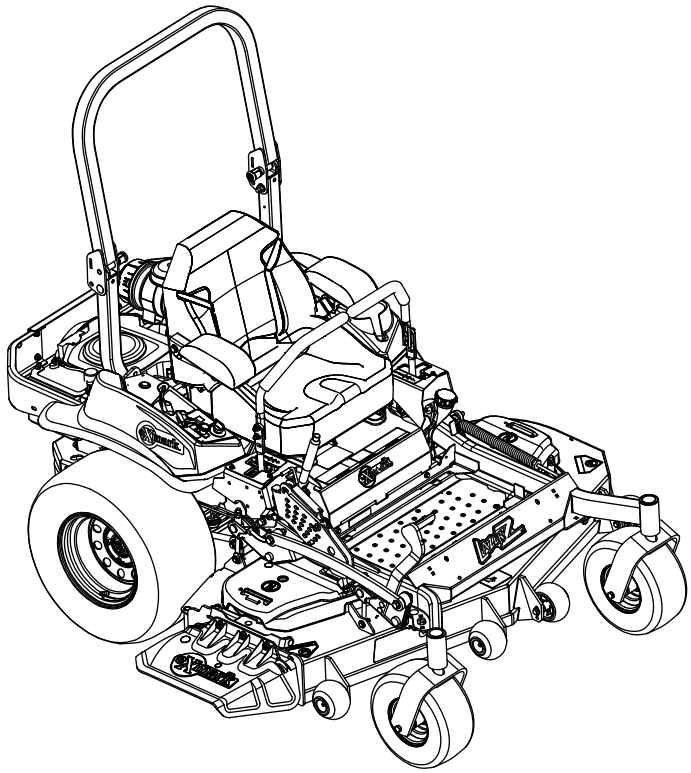
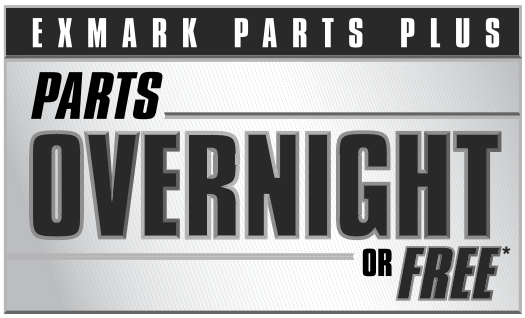
eXmark®



# LAZER Z® MODELS

# Parts Manual

**For Serial Nos.**
**850,000 & Higher**
**Lazer Z (LZZ Units)**
Part No. 4500-561 Rev. J




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.)

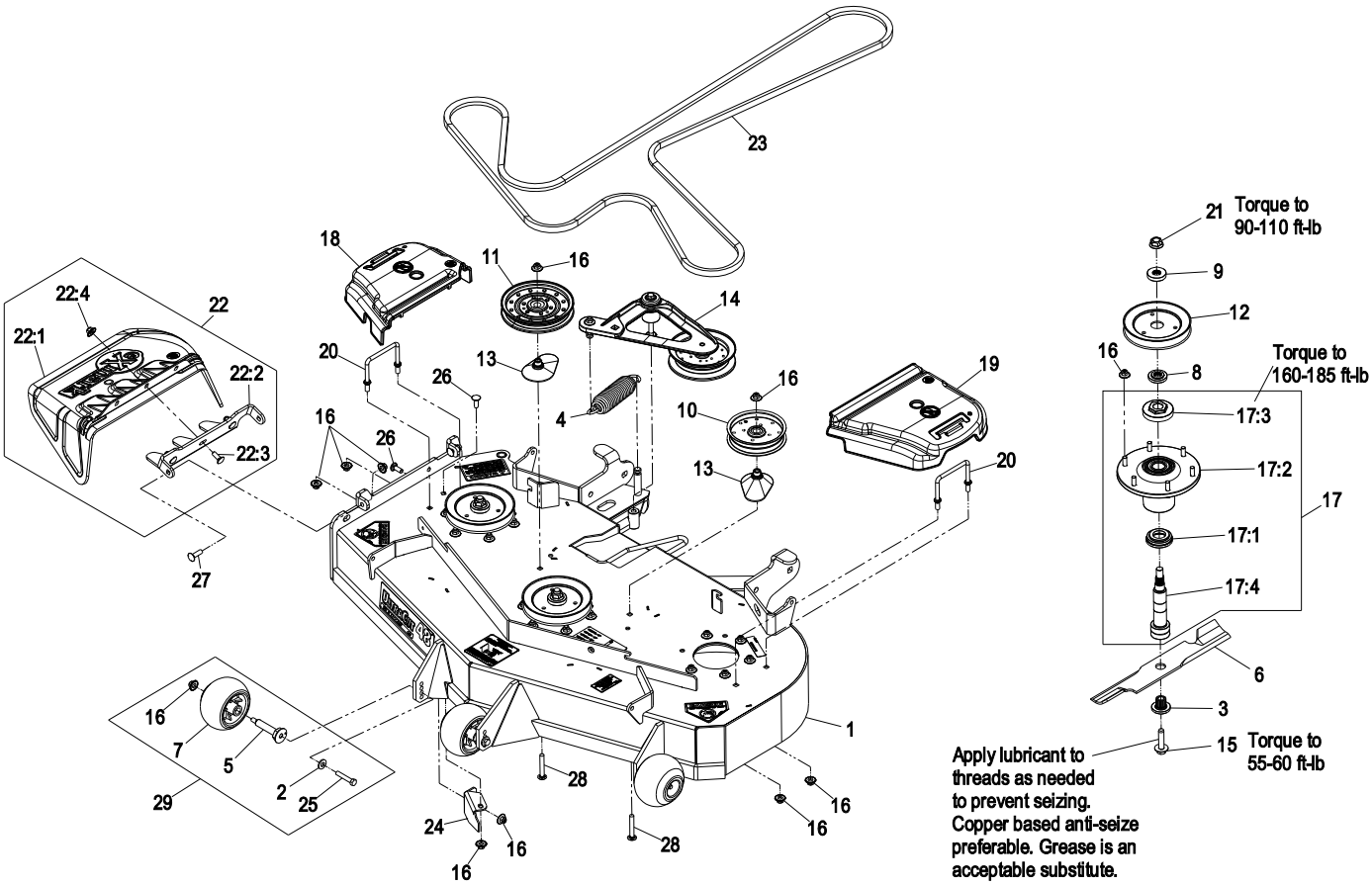
# WARNING

**READ OPERATOR'S MANUAL BEFORE OPERATING OR SERVICING EXMARK EQUIPMENT.**

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# 48” DECK GROUP




| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 109-9008 | Asm, Deck W/Decals 486 | 1 |
| 2 | 98-5975 | Washer, Spring Disc 3/8 | 2 |
| 3 | 103-3037 | Bushing, Splined | 3 |
| 4 | 116-0133 | Extension-Spring | 4 |
| 5 | 109-9851 | Axle, Anti-Scalp Roller | 5 |
| 6 | 103-6401 | Blade-Notched | 3 |
| ● | 103-6391 | Blade, Mulching | 3 |
| | 103-6386 | Blade, Low Lift | 3 |
| | 103-6381 | Blade, Solid | 3 |
| | 103-6396 | Blade, Extreme | 3 |
| 7 | 103-8415 | Roller, Anti-Scalp | 3 |
| 8 | 103-9522 | Spacer, Splined Stepped | 3 |
| 9 | 103-9523 | Spacer, Splined | 3 |
| 10 | 1-613098 | Pulley-Idler | 1 |
| 11 | 1-633109 | Idler-Flat | 1 |
| 12 | 116-1443 | Sheave, Blade Drive 5.90 | 3 |
| 13 | 109-2872 | Spacer-Pulley | 2 |
| 14 | 109-2883 | Asm, Deck Idler | 1 |
| 15 | 109-9220 | Screw, SEMS 1/2-20 x 2.19 | 3 |
| 16 | 109-6658 | Nut, Nyloc 3/8-16 Flg | 31 |
| 17 | 109-6917 | Asm, Spindle Housing | 3 |

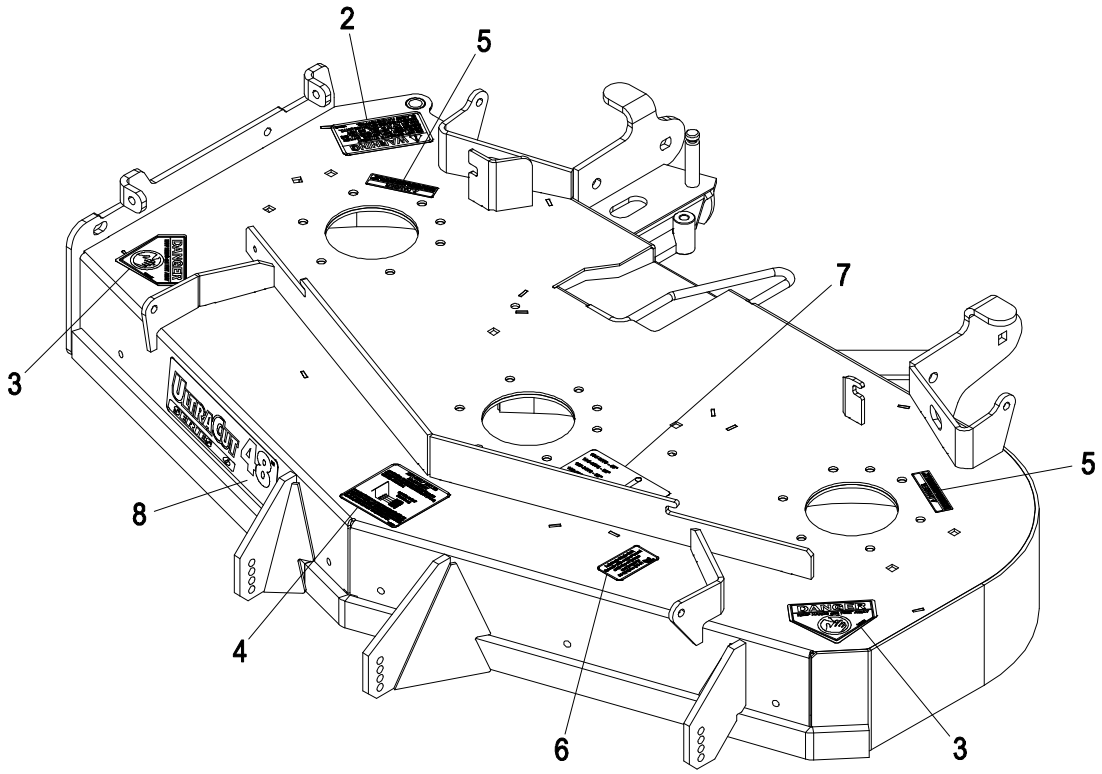
| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 17:1 | 103-9504 | Guard, Bottom | 1 |
| 17:2 | 103-9539 | Asm, Cutter Housing | 1 |
| 17:3 | 109-0916 | Nut, Spindle 7/8-14 | 1 |
| 17:4■ | 109-6881 | Spindle, Double Spline | 1 |
| 18 | 109-6935 | Cover-Belt, RH | 1 |
| 19 | 109-6936 | Cover-Belt, LH | 1 |
| 20 | 109-6982 | Wireform-Cover | 2 |
| 21 | 109-7033 | Nut, Flange 5/8-18 Centerlock | 3 |
| 22 | 109-7188 | Asm, Discharge Chute | 1 |
| 22:1 | 109-2738 | Chute, Discharge | 1 |
| 22:2 | 109-8675-01 | Bracket, Discharge Chute | 1 |
| 22:3 | 3231-22 | Bolt, Carriage 3/8-16 x 1 | 3 |
| 22:4 | 109-6658 | Nut, Nyloc 3/8-16 Flg | 3 |
| 23 | 109-8070 | Belt, V-B X 175.75 | 1 |
| 24 | 109-9010-01 | Baffle, Discharge | 1 |
| 25 | 3211-46 | Screw, HH 3/8-24 x 2 Gr8 | 3 |
| 26 | 3231-22 | Bolt, Carriage 3/8-16 x 1 | 2 |
| 27 | 3231-28 | Bolt, Carriage 3/8-16 x 1 1/4 | 2 |
| 28 | 3231-44 | Bolt, Carriage 3/8-16 x 2 1/2 | 2 |
| 29 | 109-2098 | Kit, Antiscalp | 3 |
| 30 | 109-9643 | Asm, Deck Complete | 1 |

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

● Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK486.

■ Apply Mobil HTS grease (P/N 103-5217 1.5 oz packet) (or a food-grade anti-seize) between the spindles and bearings. DO NOT use a copper or nickel based anti-seize.

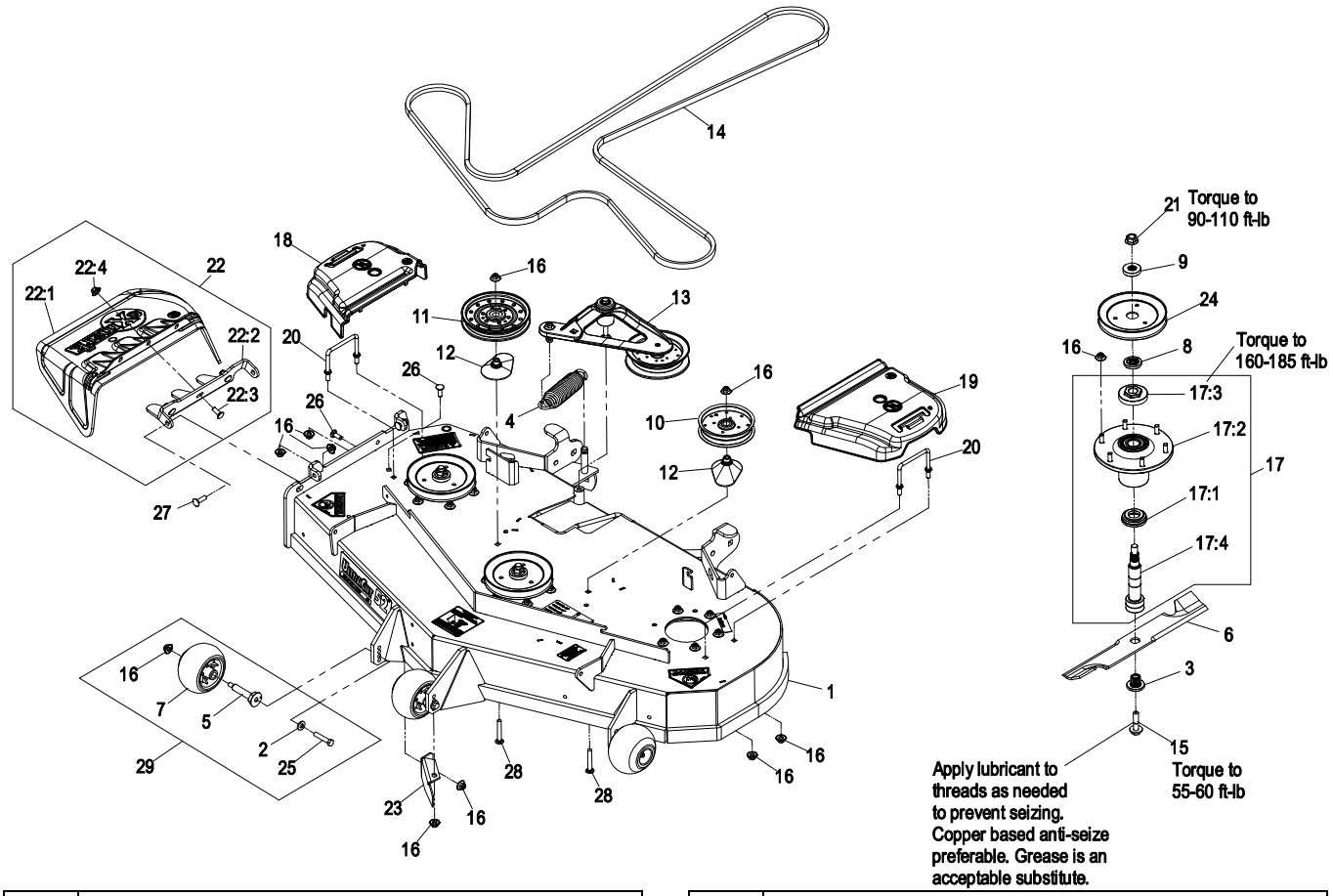
# 48” DECK W/DECALS ASSEMBLY – 109-9008




| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 2 | 1-303508 | Decal, Discharge Warning | 1 |
| 3 | 1-403005 | Decal, Danger | 2 |
| 4 | 1-633922 | Decal, Anti-Scalp | 1 |
| 5 | 98-5954 | Decal, Danger | 2 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 6 | 109-3148 | Decal, Bolt Torque | 1 |
| 7 | 109-9361 | Decal, Belt Routing | 1 |
| 8 | 109-9437 | Decal, Ultracut 48 | 1 |

# 52” DECK GROUP




| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 109-9149 | Asm, Deck W/ Decals 526 | 1 |
| 2 | 98-5975 | Washer, Spring Disc 3/8 | 3 |
| 3 | 103-3037 | Bushing, Splined | 3 |
| 4 | 116-0133 | Extension-Spring | 1 |
| 5 | 109-9851 | Axle, Anti-Scalp Roller | 3 |
| 6 | 103-6402 | Blade-Notched | 3 |
| ● | 103-6392 | Blade, Mulching | 3 |
| | 103-6387 | Blade, Low Lift | 3 |
| | 103-6382 | Blade, Solid | 3 |
| | 103-6397 | Blade, Extreme | 3 |
| 7 | 103-8415 | Roller, Anti-Scalp | 3 |
| 8 | 103-9522 | Spacer, Splined Stepped | 3 |
| 9 | 103-9523 | Spacer, Splined | 3 |
| 10 | 1-613098 | Pulley-Idler | 1 |
| 11 | 1-633109 | Idler, Flat | 1 |
| 12 | 109-2872 | Spacer-Pulley | 2 |
| 13 | 109-2883 | Asm, Deck Idler | 1 |
| 14 | 109-4994 | Belt, V-B X 186.00" | 1 |
| 15 | 109-9220 | Screw, SEMS 1/2-20 x 2.19 | 3 |
| 16 | 109-6658 | Nut, Nyloc 3/8-16 Flg | 31 |
| 17 | 109-6917 | Asm, Spindle Housing | 3 |

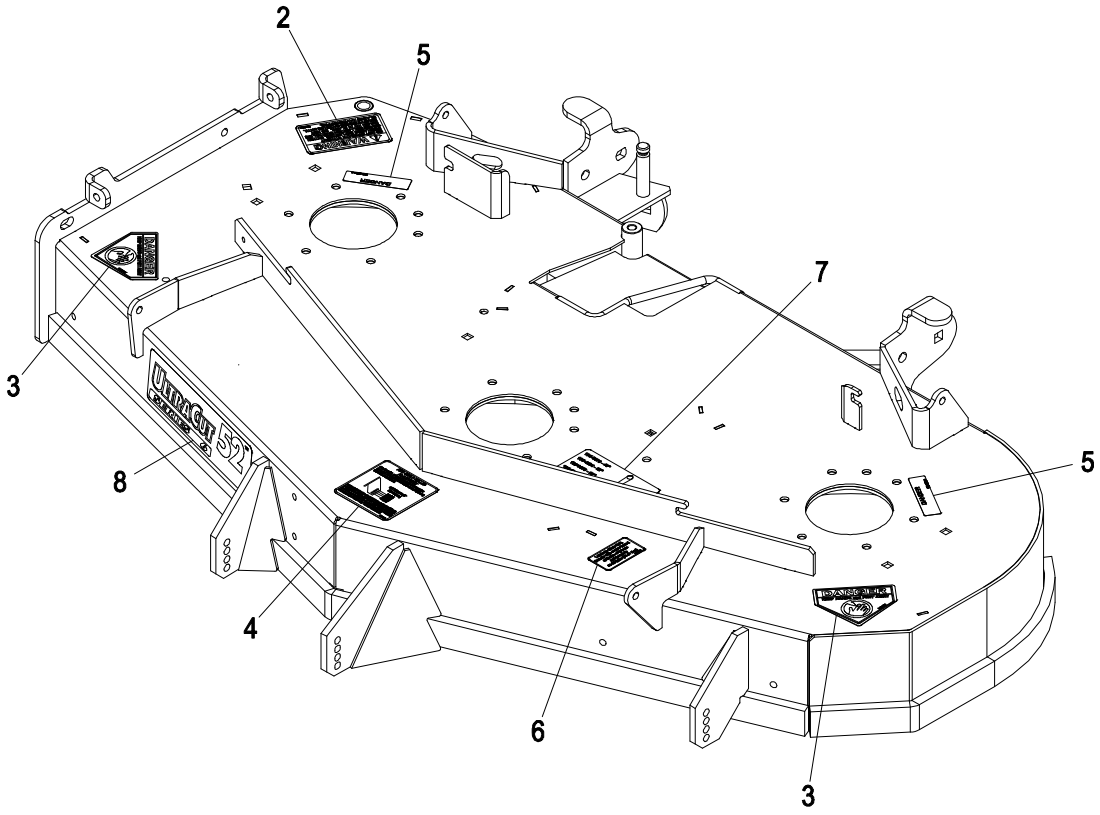
| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 17:1 | 103-9504 | Guard, Bottom | 1 |
| 17:2 | 103-9539 | Asm, Cutter Housing | 1 |
| 17:3 | 109-0916 | Nut, Spindle 7/8-14 | 1 |
| 17:4■ | 109-6881 | Spindle, Double Spline | 1 |
| 18 | 109-6935 | Cover-Belt, RH | 1 |
| 19 | 109-6936 | Cover-Belt, LH | 1 |
| 20 | 109-6982 | Wireform-Cover | 2 |
| 21 | 109-7033 | Nut, Flange 5/8-18 Centerlock | 3 |
| 22 | 109-7188 | Asm, Discharge Chute | 1 |
| 22:1 | 109-2738 | Chute, Discharge | 1 |
| 22:2 | 109-8675-01 | Bracket, Discharge Chute | 1 |
| 22:3 | 3231-22 | Bolt, Carriage 3/8-16 x 1 | 3 |
| 22:4 | 109-6658 | Nut, Nyloc 3/8-16 Flg | 3 |
| 23 | 109-9915-01 | Baffle, Discharge 52/60 | 1 |
| 24 | 116-0185 | Sheave, Blade Drive | 3 |
| 25 | 3211-46 | Screw, HH 3/8-24 x 2 Gr8 | 3 |
| 26 | 3231-22 | Bolt, Carriage 3/8-16 x 1 | 2 |
| 27 | 3231-28 | Bolt, Carriage 3/8-16 x 1 1/4 | 2 |
| 28 | 3231-44 | Bolt, Carriage 3/8-16 x 2 1/2 | 2 |
| 29 | 109-2098 | Kit, Antiscalp | 3 |
| 30 | 109-9645 | Asm, Deck Complete | 1 |

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

● Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK526.

■ Apply Mobil HTS grease (P/N 103-5217 1.5 oz packet) (or a food-grade anti-seize) between the spindles and bearings. DO NOT use a copper or nickel based anti-seize.

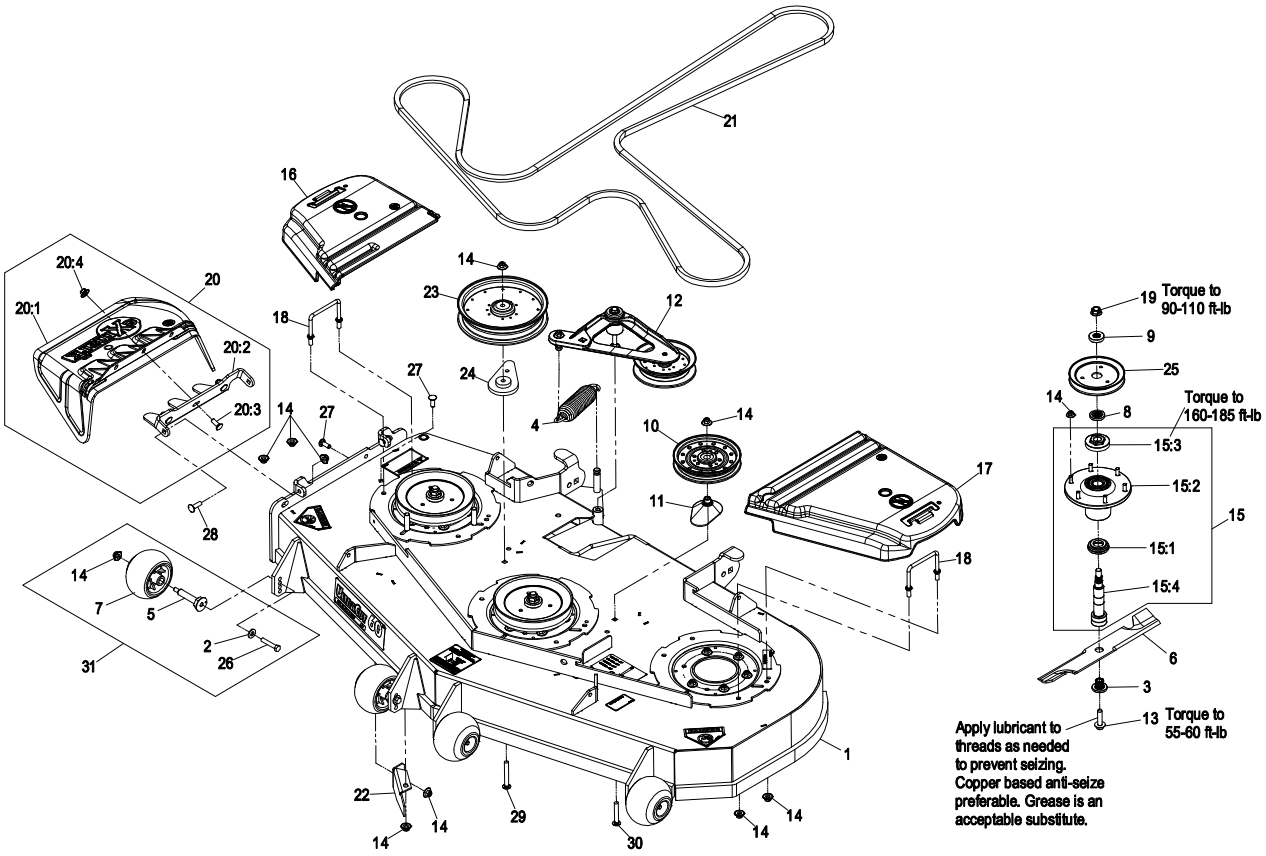
# 52” DECK W/DECALS ASSEMBLY – 109-9149




| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 2 | 1-303508 | Decal, Warning, Discharge | 1 |
| 3 | 1-403005 | Decal, Danger | 2 |
| 4 | 1-633922 | Decal, Antiscalp | 1 |
| 5 | 98-5954 | Decal, Cover, Missing | 2 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 6 | 109-3148 | Decal, Bolt Torque | 1 |
| 7 | 109-9361 | Decal, Belt Routing | 1 |
| 8 | 109-9438 | Decal, Ultracut 52 Series 6 | 1 |

# 60” DECK GROUP




| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 109-9148 | Asm, Deck W/ Decals 606 | 1 |
| 2 | 98-5975 | Washer, Spring Disc 3/8 | 4 |
| 3 | 103-3037 | Bushing, Splined | 3 |
| 4 | 116-0133 | Extension-Spring | 1 |
| 5 | 109-9851 | Axle, Anti-Scalp Roller | 4 |
| 6 | 103-6403 | Blade, Notched 20.5 (.94 Hole) | 3 |
| ● | 103-6393 | Blade, Mulching | 3 |
| | 103-6388 | Blade, Low Lift | 3 |
| | 103-6383 | Blade, Solid | 3 |
| | 103-6398 | Blade, Extreme | 3 |
| 7 | 103-8415 | Roller, Anti-Scalp | 4 |
| 8 | 103-9522 | Spacer, Splined Stepped | 3 |
| 9 | 103-9523 | Spacer, Splined | 3 |
| 10 | 1-633109 | Idler-Flat | 1 |
| 11 | 109-2872 | Spacer-Pulley | 1 |
| 12 | 109-2883 | Asm, Deck Idler | 1 |
| 13 | 109-9220 | Screw, SEMS 1/2-20 x 2.19 | 3 |
| 14 | 109-6658 | Nut, Nyloc 3/8-16 Flg | 32 |
| 15 | 109-6917 | Asm, Spindle Housing | 3 |
| 15:1 | 103-9504 | Guard, Bottom | 1 |
| 15:2 | 103-9539 | Asm, Cutter Housing | 1 |
| 15:3 | 109-0916 | Nut, Spindle 7/8-14 | 1 |

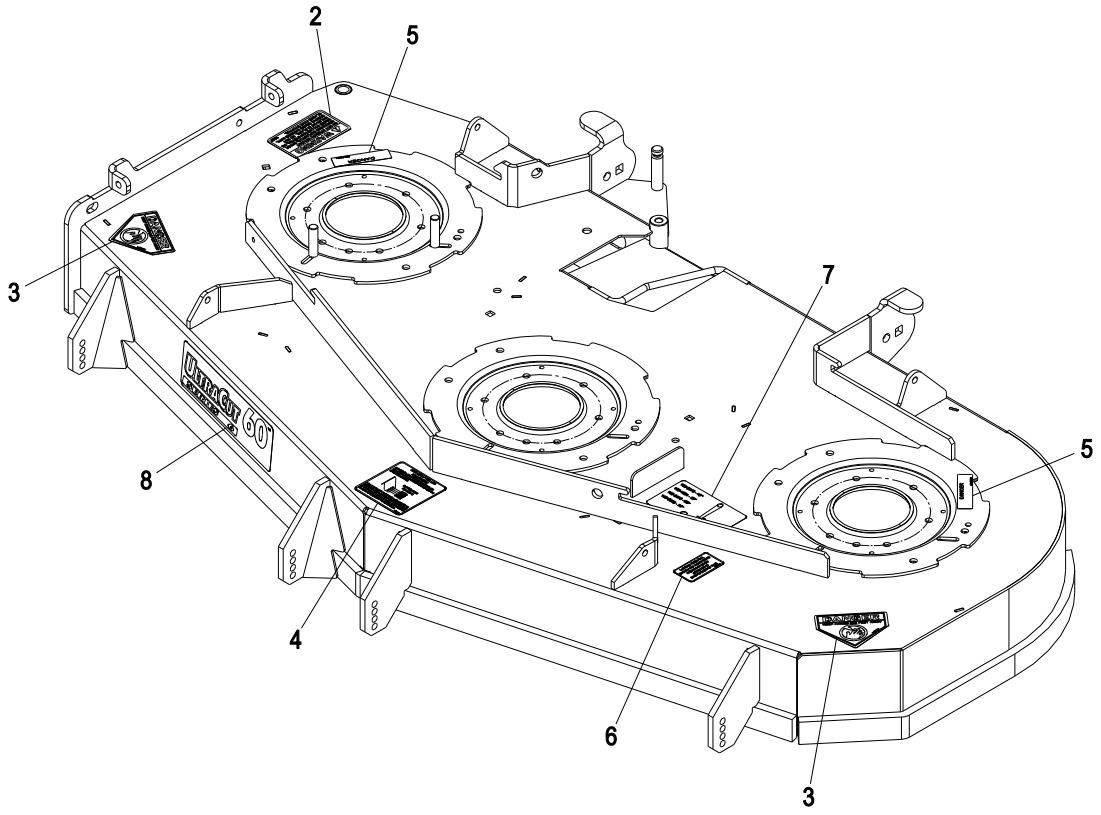
| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 15:4■ | 109-6881 | Spindle, Double Spline | 1 |
| 16 | 116-0094 | Cover-Belt, RH | 1 |
| 17 | 109-6938 | Cover-Belt, LH | 1 |
| 18 | 109-6982 | Wireform-Cover | 2 |
| 19 | 109-7033 | Nut, Flange 5/8-18 Centerlock | 3 |
| 20 | 109-7188 | Asm, Discharge Chute | 1 |
| 20:1 | 109-2738 | Chute, Discharge | 1 |
| 20:2 | 109-8675-01 | Bracket, Discharge Chute | 1 |
| 20:3 | 3231-22 | Bolt, Carriage 3/8-16 x 1 | 3 |
| 20:4 | 109-6658 | Nut, Nyloc 3/8-16 Flg | 3 |
| 21 | 109-8073 | Belt, V-5V-198.75 | 1 |
| 22 | 109-9915-01 | Baffle, Discharge 52/60 | 1 |
| 23 | 109-8590 | Pulley-Idler | 1 |
| 24 | 109-9416 | Spacer-Idler | 1 |
| 25 | 109-9511 | Sheave, Blade Drive 7.25 | 3 |
| 26 | 3211-46 | Screw, HH 3/8-24 x 2 Gr8 | 4 |
| 27 | 3231-22 | Bolt, Carriage 3/8-16 x 1 | 2 |
| 28 | 3231-28 | Bolt, Carriage 3/8-16 x 1 1/4 | 2 |
| 29 | 3231-42 | Bolt, Carriage 3/8-16 x 3 | 1 |
| 30 | 3231-44 | Bolt, Carriage 3/8-16 x 2 1/2 | 1 |
| 31 | 109-2098 | Kit, Antiscalp | 4 |
| 32 | 109-9647 | Asm, Deck Complete 606 | 1 |

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

● Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK606.

■ Apply Mobil HTS grease (P/N 103-5217 1.5 oz packet) (or a food-grade anti-seize) between the spindles and bearings. DO NOT use a copper or nickel based anti-seize.

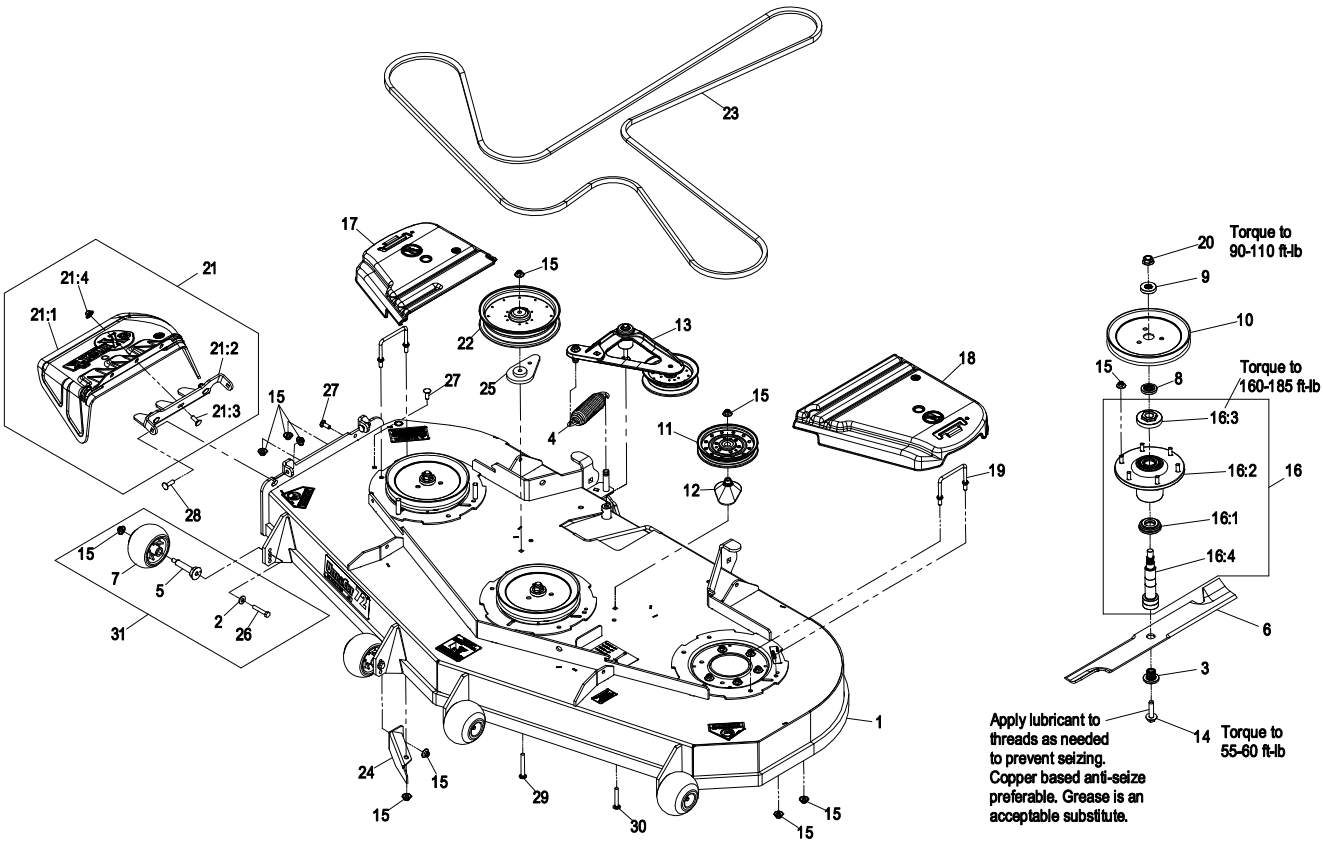
# 60” DECK W/DECALS ASSEMBLY – 109-9148




| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 2 | 1-303508 | Decal, Warning, Discharge | 1 |
| 3 | 1-403005 | Decal, Danger | 2 |
| 4 | 1-633922 | Decal, Antiscalp | 1 |
| 5 | 98-5954 | Decal, Cover, Missing | 2 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 6 | 109-3148 | Decal, Bolt Torque | 1 |
| 7 | 109-9361 | Decal, Belt Routing | 1 |
| 8 | 109-9439 | Decal, Ultracut 60 Series 6 | 1 |

# 72” DECK GROUP




| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 109-9133 | Asm, Deck W/ Decals 726 | 1 |
| 2 | 98-5975 | Washer, Spring Disc 3/8 | 4 |
| 3 | 103-3037 | Bushing, Splined | 3 |
| 4 | 116-0133 | Spring, Extension | 1 |
| 5 | 109-9851 | Axle, Anti-Scalp Roller | 4 |
| 6 | 103-6404 | Blade, Notched | 3 |
| ● | 103-6394 | Blade, Mulching | 3 |
| | 103-6389 | Blade, Low Lift | 3 |
| | 103-6384 | Blade, Solid | 3 |
| | 103-6399 | Blade, Extreme | 3 |
| 7 | 103-8415 | Roller, Anti-Scalp | 4 |
| 8 | 103-9522 | Spacer, Splined Stepped | 3 |
| 9 | 103-9523 | Spacer, Splined | 3 |
| 10 | 109-2180 | Sheave, Blade Drive 9.00 | 3 |
| 11 | 1-633109 | Idler, Flat | 1 |
| 12 | 109-2872 | Spacer, Pulley | 1 |
| 13 | 109-2883 | Asm, Deck Idler | 1 |
| 14 | 109-9220 | Screw, SEMS Hex 1/2-20 x 2.18 | 3 |
| 15 | 109-6658 | Nut, Nyloc 3/8-16 Flg | 32 |
| 16 | 109-6917 | Asm, Spindle Housing | 3 |
| 16:1 | 103-9504 | Guard, Bottom | 1 |
| 16:2 | 103-9539 | Asm, Cutter Housing | 1 |

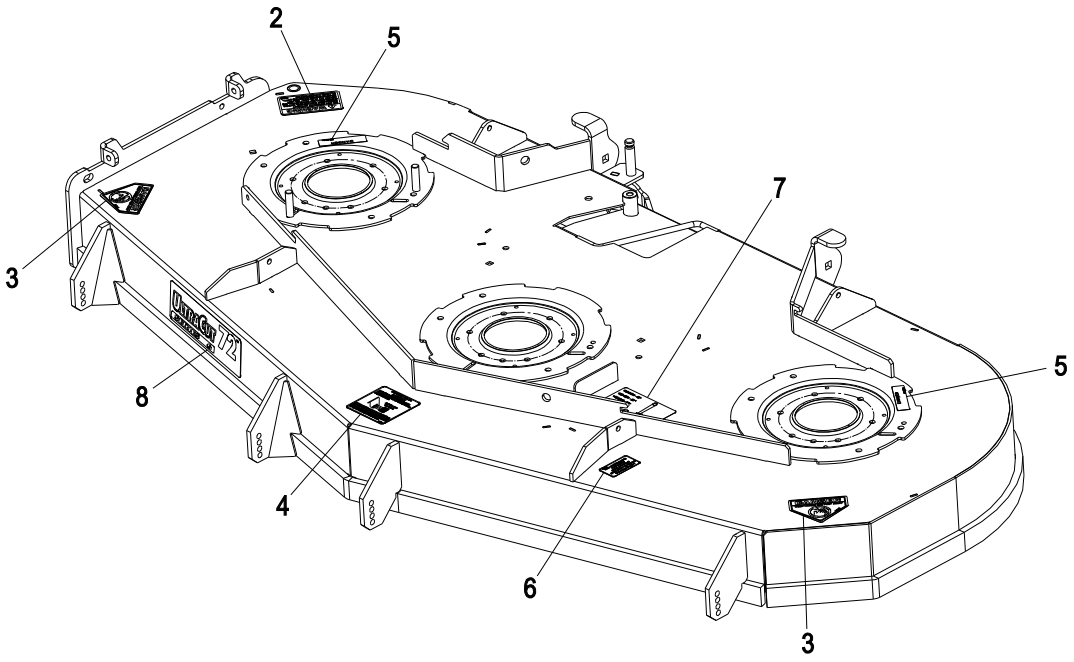
| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 16:3 | 109-0916 | Nut, Spindle 7/8-14 | 1 |
| 16:4■ | 109-6881 | Spindle, Double Spline | 1 |
| 17 | 116-0094 | Cover, Belt RH 60-72 | 1 |
| 18 | 109-6938 | Cover, Belt LH 60-72 | 1 |
| 19 | 109-6982 | Wireform, Cover | 2 |
| 20 | 109-7033 | Nut, Flange 5/8-18 Centerlock | 3 |
| 21 | 109-7188 | Asm, Discharge Chute | 1 |
| 21:1 | 109-2738 | Chute, Discharge | 1 |
| 21:2 | 109-8675-01 | Bracket, Discharge Chute | 1 |
| 21:3 | 3231-22 | Bolt, Carriage 3/8-16 x 1 | 3 |
| 21:4 | 109-6658 | Nut, Nyloc 3/8-16 Flg | 3 |
| 22 | 109-8590 | Pulley, Idler 8 In Flanged | 1 |
| 23 | 109-9023 | Belt, V-5V X 219.00” | 1 |
| 24 | 109-9695-01 | Baffle, Discharge 726 | 1 |
| 25 | 109-9416 | Wld, Spacer Idler | 1 |
| 26 | 3211-46 | Screw, HH 3/8-24 x 2 Gr8 | 4 |
| 27 | 3231-22 | Bolt, Carriage 3/8-16 x 1 | 2 |
| 28 | 3231-28 | Bolt, Carriage 3/8-16 x 1 1/4 | 2 |
| 29 | 3231-42 | Bolt, Carriage 3/8-16 x 3 | 1 |
| 30 | 3231-44 | Bolt, Carriage 3/8-16 x 2 1/2 | 1 |
| 31 | 109-2098 | Kit, Antiscalp | 3 |
| 32 | 109-9649 | Asm, Deck Complete 726 | 1 |

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

● Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK726

■ Apply Mobil HTS grease (P/N 103-5217 1.5 oz packet) (or a food-grade anti-seize) between the spindles and bearings. DO NOT use a copper or nickel based anti-seize.

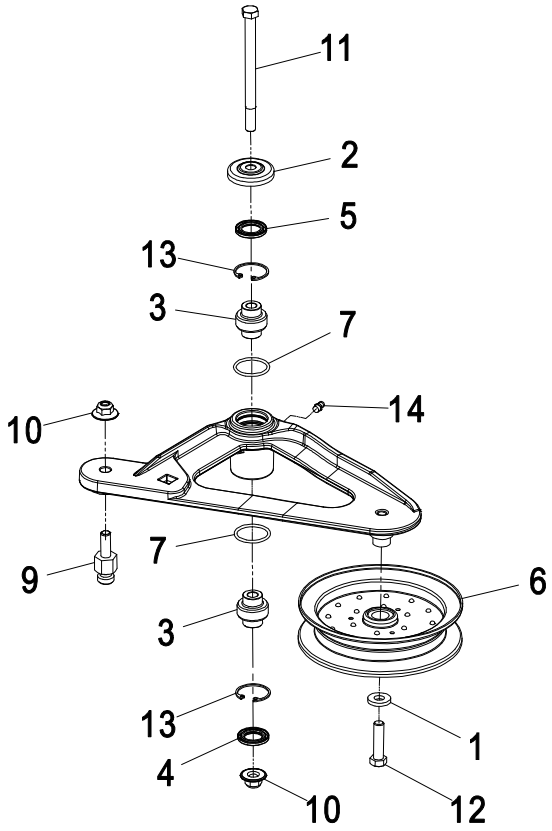
# 72” DECK W/DECALS ASSEMBLY – 109-9133




| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 2 | 1-303508 | Decal, Warning, Discharge | 1 |
| 3 | 1-403005 | Decal, Danger | 2 |
| 4 | 1-633922 | Decal, Antiscalp | 1 |
| 5 | 98-5954 | Decal, Cover, Missing | 2 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 6 | 109-3148 | Decal, Bolt Torque | 1 |
| 7 | 109-9361 | Decal, Belt Routing | 1 |
| 8 | 109-9440 | Decal, Ultracut 72 Series 6 | 1 |

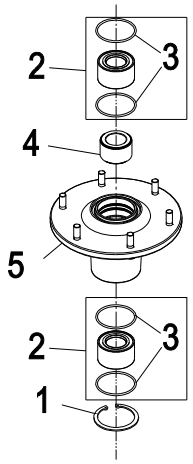
# DECK IDLER ASSEMBLY – 109-2883




| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 43-0940 | Spacer-Hub, Blower | 1 |
| 2 | 103-2916 | Guard, Top | 1 |
| 3 | 103-3504 | Bearing, Spherical | 2 |
| 4 | 103-3505 | Seal, Double Lip | 1 |
| 5 | 103-3506 | Seal, Single Lip | 1 |
| 6 | 103-8743 | Pulley, Idler 5”Flanged | 1 |
| 7 | 106-7159 | O-Ring | 2 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 9 | 109-7399 | Pin, Spring Anchor | 1 |
| 10 | 109-6658 | Nut, Nyloc 3/8-16 Flg | 2 |
| 11 | 109-7409 | Screw, Shoulder 3/8-16 x 5 | 1 |
| 12 | 323-8 | Screw, HH 3/8-16 x 1 1/2 | 1 |
| 13 | 32120-10 | Ring, Retaining | 2 |
| 14 | 302-19 | Zerk, 1/4-28 Str | 1 |

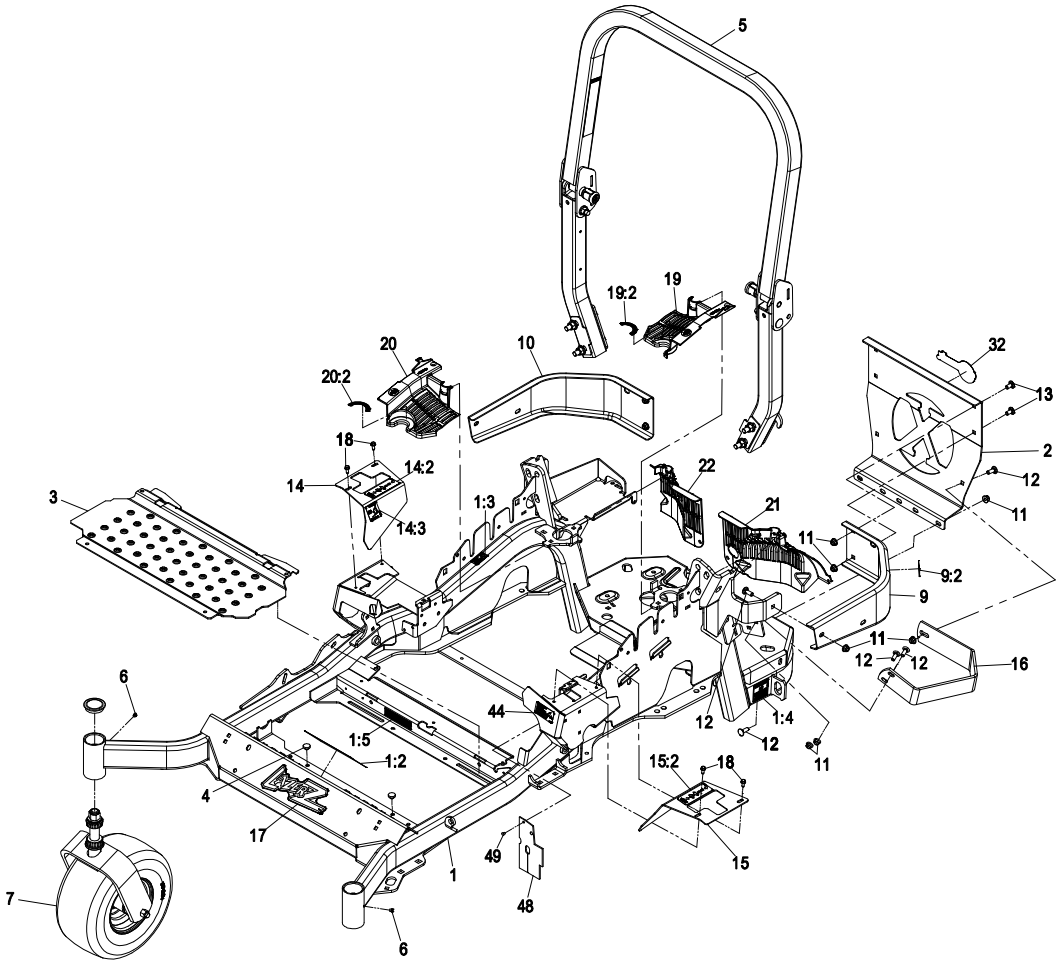
# CUTTER HOUSING ASSEMBLY – 103-9539




| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 92-5581 | Ring-Retaining | 1 |
| 2 | 109-2064 | Asm, Bearing W/O-Rings | 2 |
| 3 | 103-5895 | O-Ring | 4 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 4 | 103-9506 | Spacer, Bearing | 1 |
| 5 | 109-0764 | Asm, Housing W/Studs | 1 |

# MAINFRAME GROUP




| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 116-2124 | Frame, Main 48/52 W/Decals | 1 |
| | 116-2126 | Frame, Main 60 W/Decals | 1 |
| | 116-2128 | Frame, Main 72 W/Decals | 1 |
| 1:2 | 107-2112 | Decal, Warning | 1 |
| 1:3 | 103-2076 | Decal, Caution Hot Surface | 2 |
| 1:4 | 116-0205 | Decal, Belt Drive | 2 |
| 1:5 | 117-2718 | Decal, Spark Arrester | 1 |
| 2 | 109-8863-03 | Plate, Rear Guard | 1 |
| 3 | 116-0024-01 | Floorpan | 1 |
| 4 | 1-513658 | Bumper | 2 |
| 5 | 116-0230 | Asm, ROPS Service | 1 |
| 6 | 1-811010 | Plug | 2 |
| 7▲ | | Asm, Caster Wheel (60" & 72") | 2 |
| | | Asm, Caster Wheel (48" & 52") | 2 |
| 9 | 116-0180 | Bumper, Rear LH W/Decal | 1 |
| 9:2 | 103-2076 | Decal, Caution Hot Surface | 1 |
| 10 | 116-0057-03 | Bumper, Rear RH | 1 |
| 11 | 104-8301 | Nut, Nyloc 3/8-16 Flg | 11 |
| 12 | 3231-22 | Bolt, Carriage 3/8-16 x 1 | 7 |
| 13 | 3231-21 | Bolt, Carriage 3/8-16 x 3/4 | 4 |

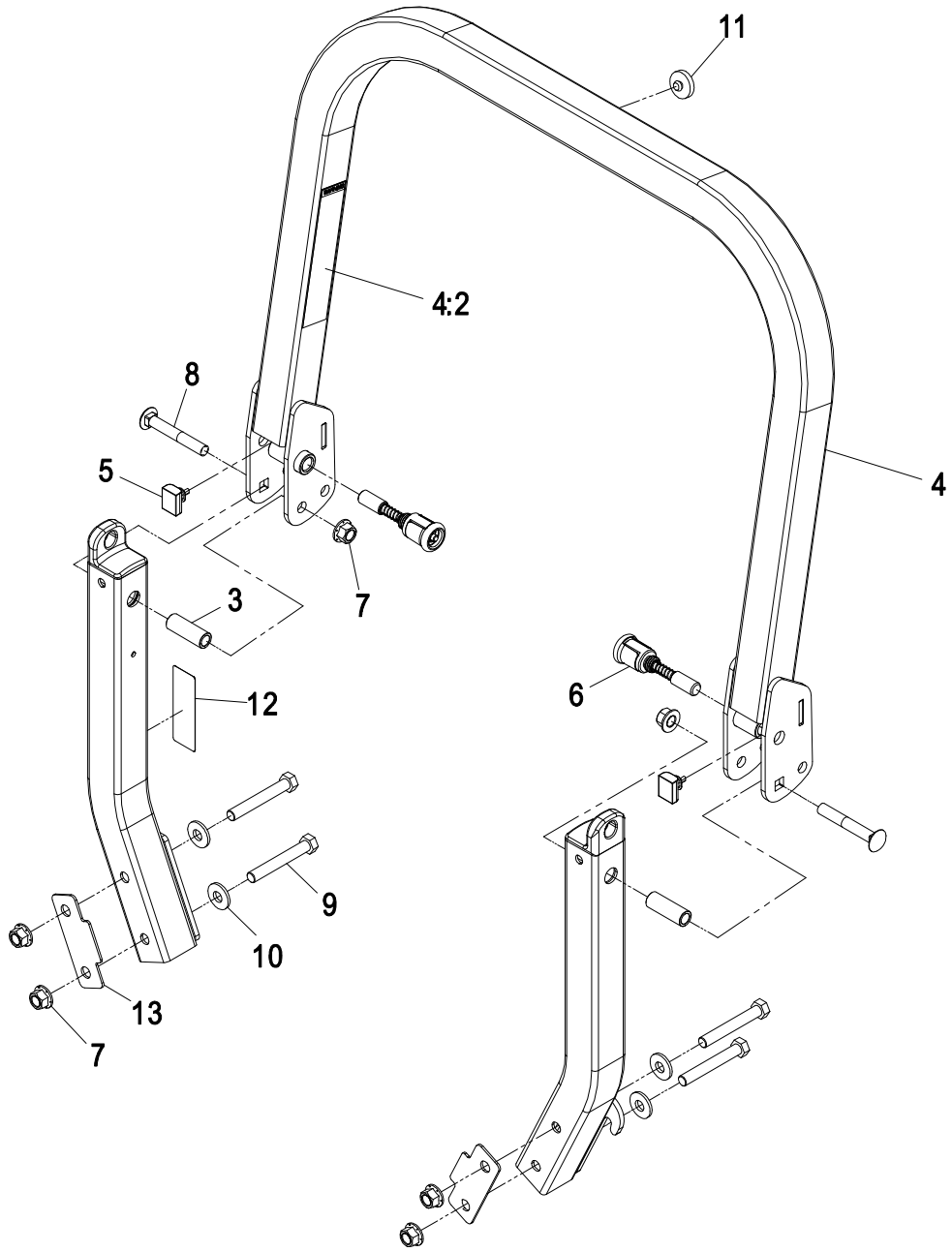
| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 14 | 116-0579 | Asm, Motion Control Cover W/Decal RH | 1 |
| 14:2 | 109-7232 | Decal, Motion Control | 1 |
| 14:3 | 109-7929 | Decal, Park Brake | 1 |
| 15 | 116-0580 | Asm, Motion Control Cover W/Decal LH | 1 |
| 15:2 | 109-7232 | Decal, Motion Control | 1 |
| 16 | 116-0043-03 | Guard, Muffler | 1 |
| 17 | 103-3113 | Decal, Lazer Model | 1 |
| 18 | 32144-10 | Screw, HWH 1/4-20 x .62 | 4 |
| 19 | 116-0170 | Asm, Guard, Hydro W/Decal | 1 |
| 19:2 | 116-0157 | Decal, Hydro Oil | 1 |
| 20 | 116-0171 | Asm, Guard, Hydro W/Decal | 1 |
| 20:2 | 116-0157 | Decal, Hydro Oil | 1 |
| 21 | 109-9709 | Guard, Hydro Rear | |
| | | LH Trim (38HP Kohler) | 1 |
| | 109-9057 | Guard, Hydro Rear LH | 1 |
| 22 | 109-9058 | Guard, Hydro Rear RH | 1 |
| 32 | 103-2883 | Decal, Exmark Logo | 1 |
| 44 | 116-1654 | Decal, Fuel Fill | 1 |
| 48 | 116-2362 | Deflector, Air Flow | 1 |
| 49 | 1-803035 | Rivet | 2 |

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

Exmark black touch up spray paint – gloss black.

▲ See pages 15 & 16.

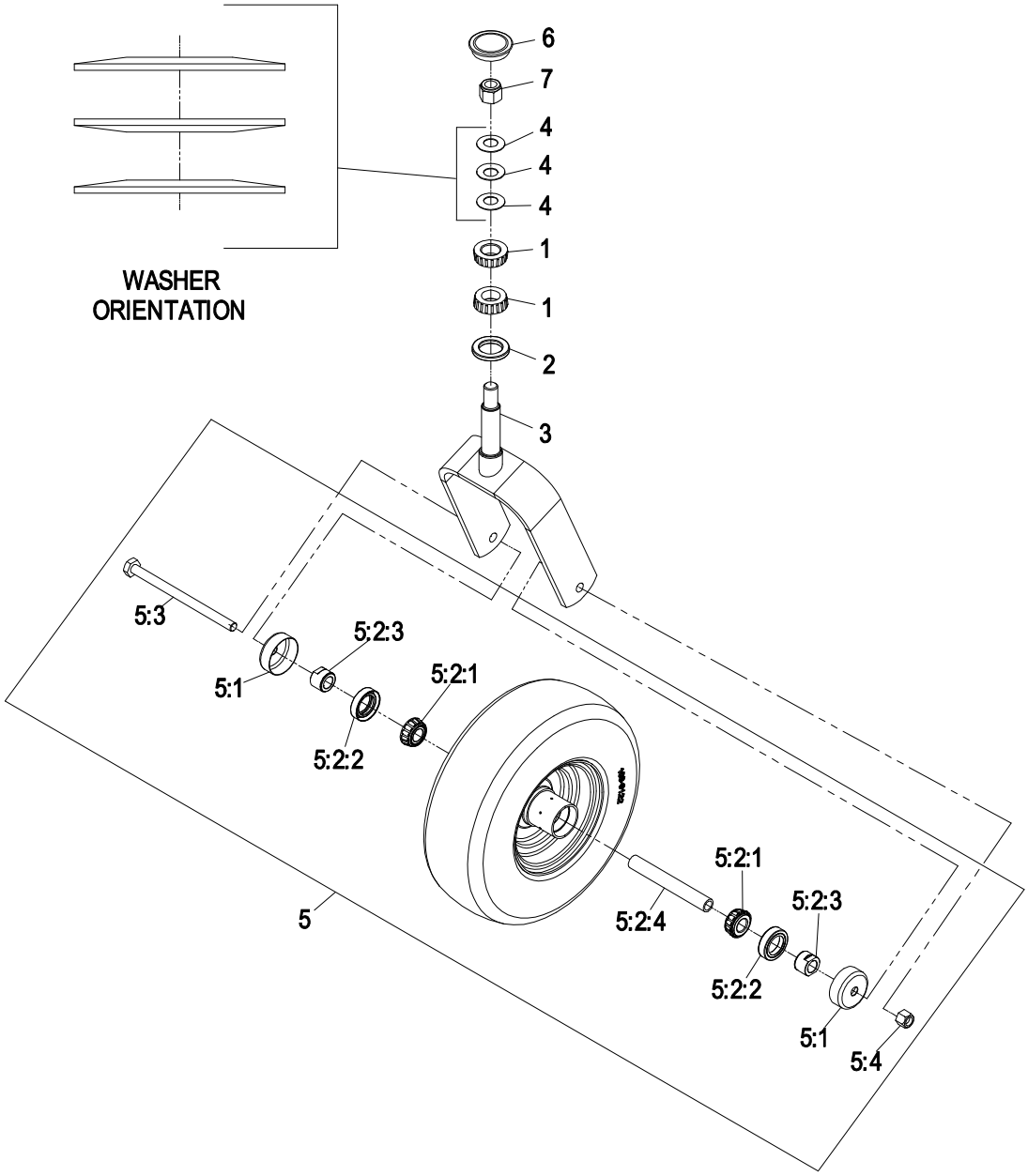
# ROPS ASSEMBLY – 116-0230




| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 3 | 109-6653 | Spacer | 2 |
| 4 | 116-0019 | Asm, Rops Upper W/Decal | 1 |
| 4:2 | 107-2102 | Decal, Warning, Folding Rops | 1 |
| 5 | 109-5337 | Bumper, Rops | 2 |
| 6 | 116-0104 | Asm, Spring Pin | 2 |
| 7 | 99-5107 | Nut, Lock 1/2-13 | 6 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 8 | 3233-10 | Bolt, Carriage 1/2-13 x 3 1/2 | 2 |
| 9 | 325-17 | Screw, HH 1/2-13 x 4 | 4 |
| 10 | 109-9505 | Washer, Spring Disc 1/2 | 4 |
| 11 | 109-9233 | Bumper, Rubber Push-In | 1 |
| 12 | 116-0090 | Decal, Caution Fuel Vent | 1 |
| 13 | 116-0960 | Spacer | 2 |

# CASTER WHEEL ASSEMBLY – 48” & 52”




| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 1-543509 | Cone, Bearing Tapered Roller | 2 |
| 2 | 1-543511 | Seal, Grease | 1 |
| 3 | 116-1092-01 | Wld, Caster Fork | 1 |
| 4 | 1-633508 | Washer, Spring Disc | 3 |
| 5 | 109-9126 | Asm, Wheel And Tire W/Axle (semi-pneumatic) | 1 |
| 5:1 | 103-2768 | Guard, Seal | 2 |
| 5:2:1 | 1-633585 | Bearing, Cone Tapered Roller | 2 |

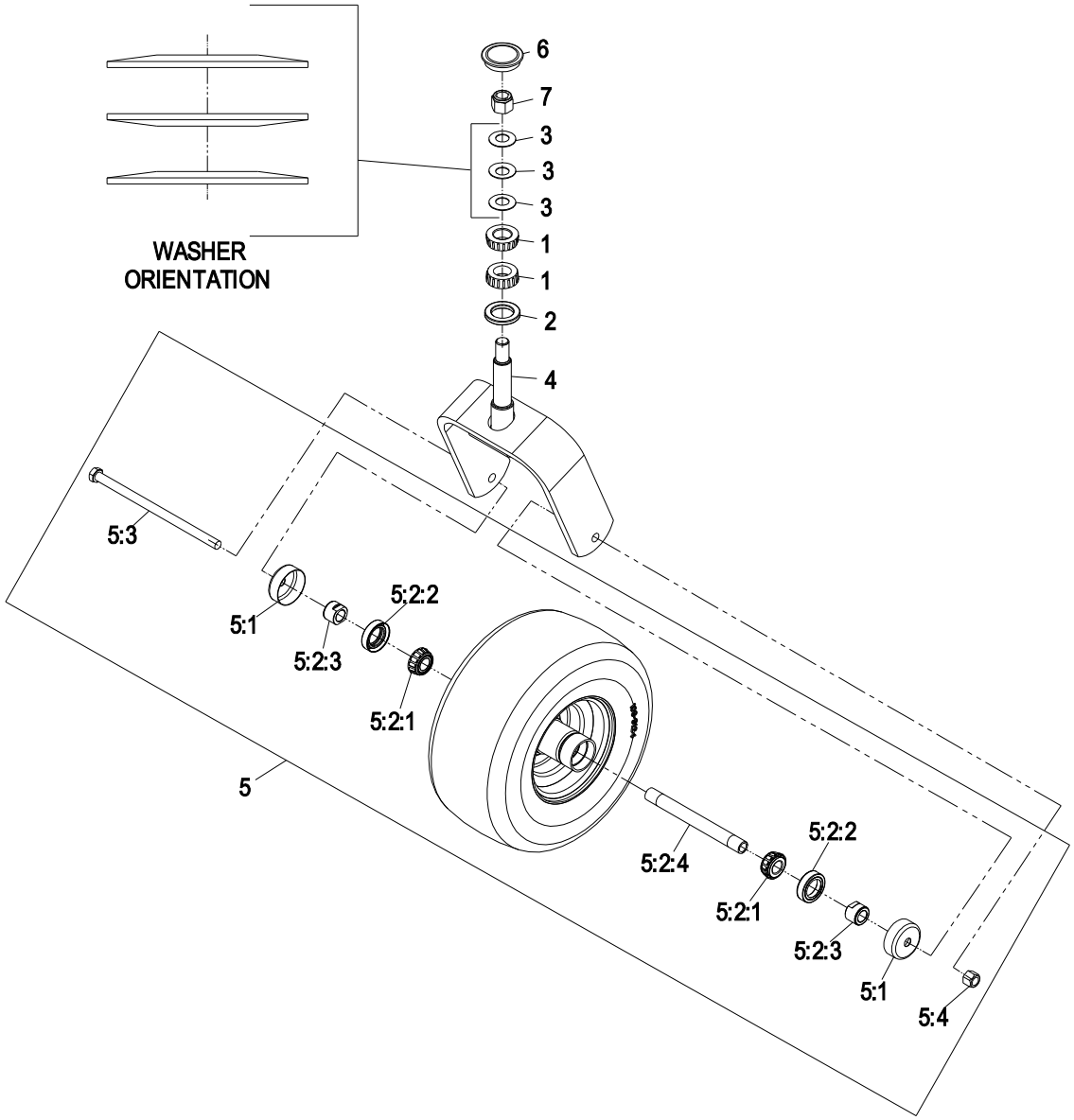
| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 5:2:2 | 103-0063 | Seal, Double Lip | 2 |
| 5:2:3▲ | 103-3051 | Spacer, Nut | 2 |
| 5:2:4 | 103-3155 | Axle, Caster | 1 |
| 5:3 | 325-42 | Screw, HH 1/2-13 x 8 | 1 |
| 5:4 | 3296-23 | Nut, Nyloc 1/2-13 | 1 |
| 6 | 103-4882 | Cap-Grease | 1 |
| 7 | 3296-51 | Nut, Nyloc 3/4-10 | 1 |

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

▲ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on spacer nut, item 5:2:3.

.

# CASTER WHEEL ASSEMBLY – 60” & 72”



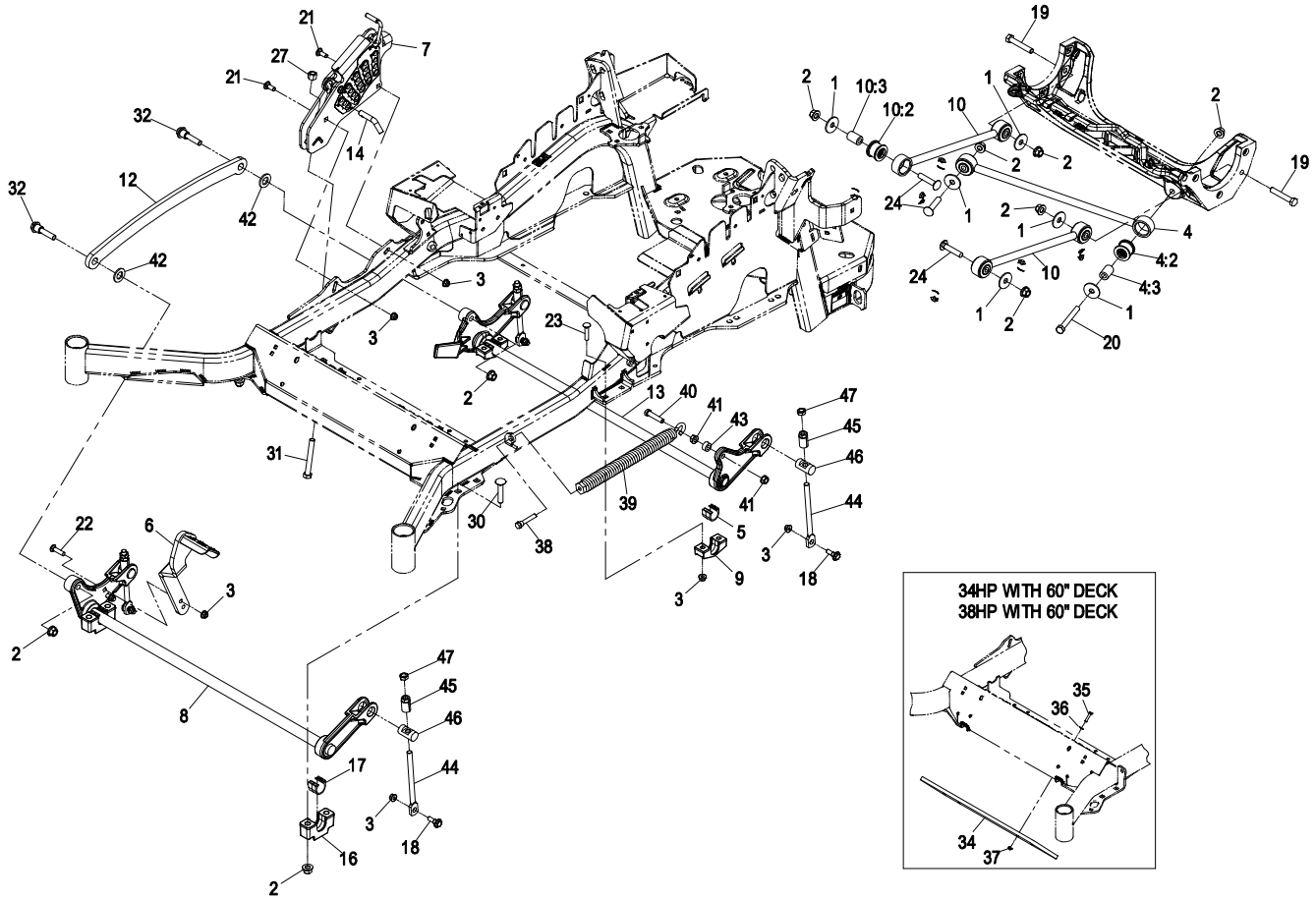

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 1-543509 | Cone, Bearing Tapered Roller | 2 |
| 2 | 1-543511 | Seal, Grease | 1 |
| 3 | 1-633508 | Washer, Spring Disc | 3 |
| 4 | 103-1474-01 | Fork-Caster | 1 |
| 5 | 109-9127 | Asm, Wheel And Tire W/Axle (semi-pneumatic) | 1 |
| 5:1 | 103-2768 | Guard, Seal | 2 |
| 5:2:1 | 1-633585 | Bearing, Cone Tapered Roller | 2 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 5:2:2 | 103-0063 | Seal, Double Lip | 2 |
| 5:2:3▲ | 103-3051 | Spacer, Nut | 2 |
| 5:2:4 | 103-5156 | Axle, Caster | 1 |
| 5:3 | 325-39 | Screw, HH 1/2-13 x 9 1/2 | 1 |
| 5:4 | 3296-23 | Nut, Nyloc 1/2-13 | 1 |
| 6 | 103-4882 | Cap-Grease | 1 |
| 7 | 3296-51 | Nut, Nyloc 3/4-10 | 1 |

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

▲ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on spacer nut, item 5:2:3.

# DECK SUPPORT GROUP

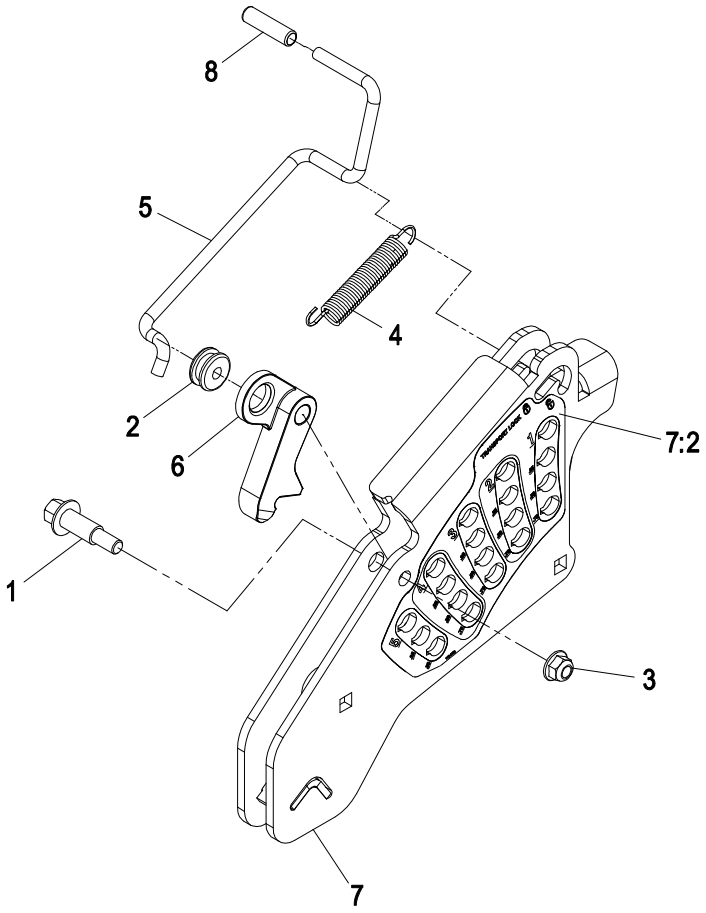



| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 86-1990 | Washer | 6 |
| 2 | 99-5107 | Nut, Lock 1/2-13 | 12 |
| 3 | 104-8301 | Nut, Nyloc 3/8-16 Flg | 12 |
| 4 | 109-5013 | Panhard Rod Asm | 1 |
| 4:2 | 109-5009 | Bushing-Suspension, Rubber | 2 |
| 4:3 | 109-5010 | Spacer | 2 |
| 5 | 109-7173 | Bearing-Cross, Rear Shaft | 2 |
| 6 | 116-1919-01 | Wld, Foot Lever | 1 |
| 7 | 109-7438 | Asm, HOC | 1 |
| 8 | 116-1771-03 | Wld, Deck Lift-Front | 1 |
| 9 | 116-0818-03 | Support-Bearing, Cross Shaft Rear | 2 |
| 10 | 109-7952 | Deck Strut Asm | 2 |
| 10:2 | 109-5009 | Bushing-Suspension, Rubber | 2 |
| 10:3 | 109-5010 | Spacer | 2 |
| 12 | 116-0797-03 | Link-Lift, Deck | 1 |
| 13 | 116-2645-03 | Wld, Deck Lift Rear | 1 |
| 14 | 109-8757 | Pin-Hoc | 1 |
| 16 | 109-9409 | Support-Cross Shaft, Bearing Front | 2 |
| 17 | 109-9410 | Bearing-Shaft Front, Cross | 2 |
| 18 | 109-9840 | Screw, Hex Flange 3/8-16 x .80 | 4 |
| 19 | 325-12 | Screw, HH 1/2-13 x 3 | 2 |
| 20 | 325-17 | Screw, HH 1/2-13 x 4 | 1 |
| 21 | 3231-2 | Bolt, Carriage 3/8-16 x 1 | 2 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 22 | 3231-4 | Bolt, Carriage 3/8-16 x 1 1/2 | 2 |
| 23 | 3231-5 | Bolt, Carriage 3/8-16 x 1 3/4 | 4 |
| 24 | 3233-34 | Bolt, Carriage 1/2-13 x 2 1/2 | 3 |
| 27 | 3296-23 | Nut, Nyloc 1/2-13 | 1 |
| 30 | 116-1700 | Bolt, Carriage 1/2-13 x 2 1/2 spl neck | 4 |
| 31 | 116-0559 | Bolt, HH 1/2-13 x 4 tap | 1 |
| 32 | 116-2022 | Screw, Hex Flange 1/2-13 x 1.90 | 2 |
| 34 | 116-0827-01 | Weight, Toe Board | 1 |
| 35 | 321-8 | Screw, HH 1/4-20 x 1 1/4 | 4 |
| 36 | 3256-22 | Washer, 1/4 SAE | 4 |
| 37 | 104-7201 | Nut, Nyloc 1/4-20 Flg | 4 |
| 38 | 92-7674 | Bolt-Shoulder | 1 |
| 39 | 116-0000 | Extension Spring Asm (60” & 72”) | 1 |
| | 116-0886 | Extension Spring Asm (48” & 52”) | 1 |
| 40 | 109-9065 | Screw, HH 7/16-14 x 2 | 1 |
| 41 | 32128-37 | Nut, Whizlock 7/16-14 | 2 |
| 42 | 3256-28 | Washer, 3/4 SAE | 2 |
| 43 | 116-2695 | Spacer | 1 |
| 44 | 109-8007 | Link Adjuster, Deck Lift | 4 |
| 45 | 109-7840 | Adjuster, Deck Lift | 4 |
| 46 | 109-8353 | Trunnion | 4 |
| 47 | 3218-5 | Nut, Jam 1/2-13 | 4 |

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

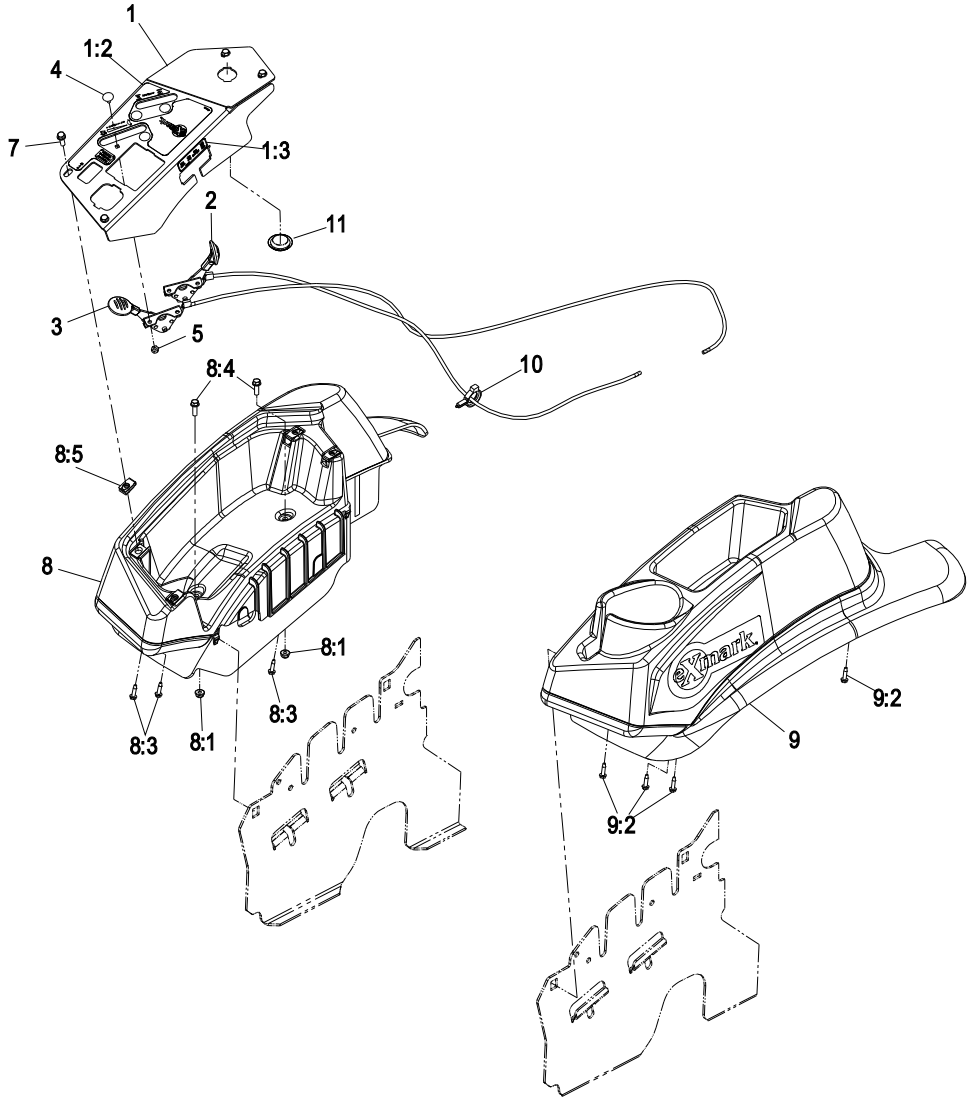
# HEIGHT OF CUT ASSEMBLY – 109-7438




| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 62-1330 | Bolt-Shoulder | 1 |
| 2 | 109-7130 | Grommet | 1 |
| 3 | 104-8301 | Nut, Nyloc 3/8-16 Flg | 1 |
| 4 | 109-7124 | Spring, Extension | 1 |
| 5 | 109-7128 | Rod, Transport Lock | 1 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 6 | 116-0118 | Pawl, Transfer Lock | 1 |
| 7 | 109-7335 | Asm, Hoc Plate W/Decal | 1 |
| 7:2 | 116-0752 | Decal, Cut Of Height | 1 |
| 8 | 109-8250 | Grip, Lever | 1 |

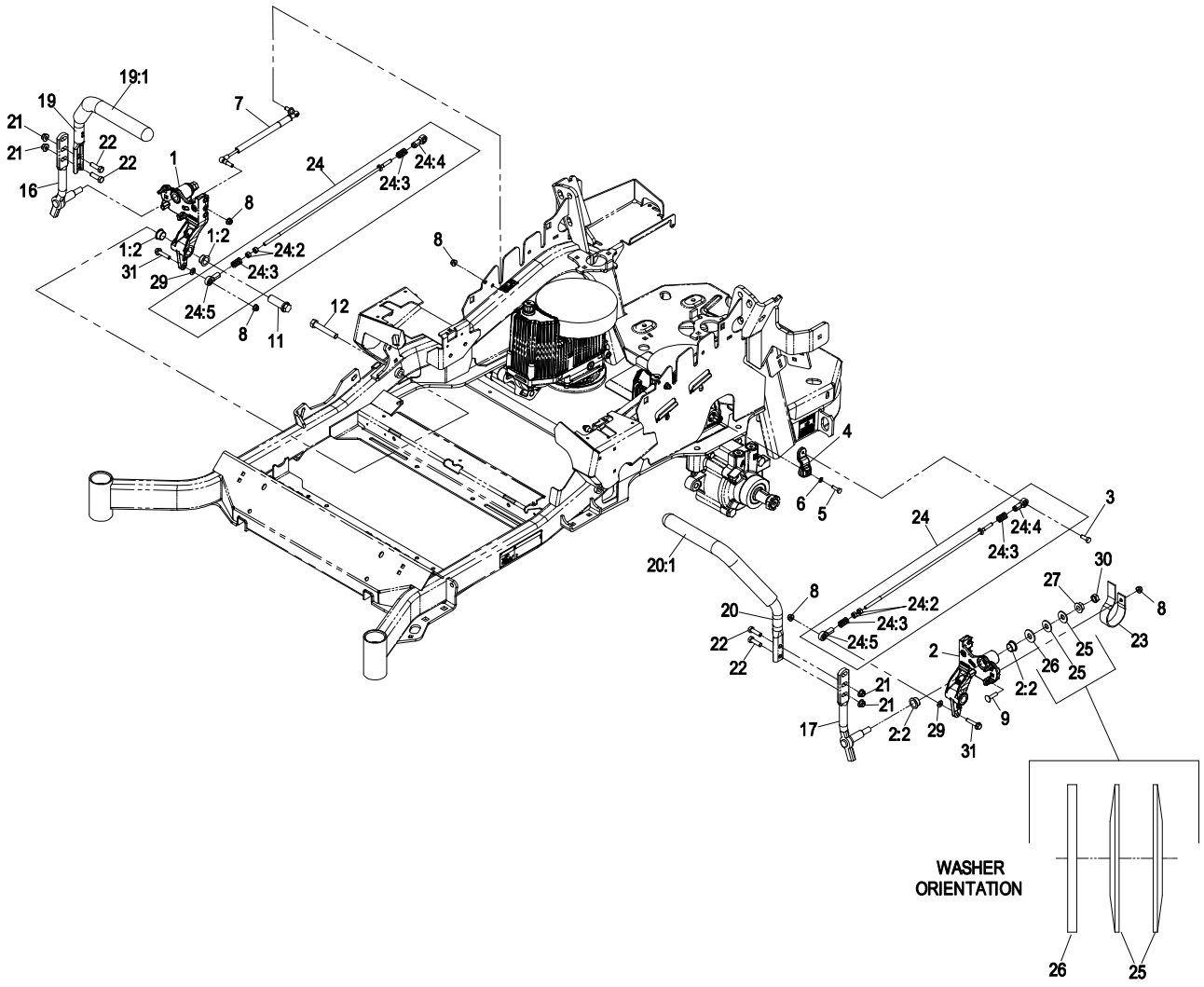
# CONTROLS GROUP




| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 109-8484 | Console, Panel W/Decal | |
| | | (38HP Kohler and all Kawasaki) | 1 |
| | 116-2845 | Console, Panel W/Decal (EFI) | 1 |
| | 116-1845 | Console, Panel W/Decal | |
| | | (All Kohlers except 38HP Kohler & EFI) | 1 |
| 1:2 | 109-8483 | Decal, Control Panel (All except EFI) | 1 |
| | 116-2844 | Decal, Control Panel (EFI) | 1 |
| 1:3 | 109-7330 | Decal, Fuse | 1 |
| 2 | 109-4601 | Asm, Choke Cable (34HP Kawasaki) | 1 |
| | 109-8165 | Asm, Choke Cable | |
| | | (All Kohler except EFI) | 1 |
| | 109-8167 | Asm, Choke Cable | |
| | | (24HP & 29HP Kawasaki) | 1 |
| 3 | 109-4602 | Asm, Throttle Cable (34HP Kawasaki) | 1 |
| | 116-0969 | Asm, Throttle Cable (Kohler) | 1 |
| | 116-1972 | Asm, Throttle Cable | |
| | | (all Kawasaki except 34HP Kawasaki) | 1 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 4 | 1-807513 | Bolt, Carriage #10-24 x 1/2 | |
| | | (All except EFI) | 4 |
| | 1-807513 | Bolt, Carriage #10-24 x 1/2 (EFI) | 2 |
| 5 | 3296-2 | Nut, Nyloc #10-24 (All except EFI) | 4 |
| | 3296-2 | Nut, Nyloc #10-24 (EFI) | 2 |
| 7 | 32105-15 | Screw, Machine 1/4-20 x 3/4 | 4 |
| 8 | 109-9341 | Console, RH Narrow Asm | 1 |
| 8:1 | 104-7201 | Nut, Nyloc 1/4-20 Flg | 2 |
| 8:3 | 109-9345 | Screw, HWH #10-14 x 3/4 TF | 3 |
| 8:4 | 32105-15 | Screw | 2 |
| 8:5 | 107069 | Clip | 4 |
| 9 | 109-9342 | Console.LH Narrow Asm | 1 |
| 9:2 | 109-9345 | Screw, HWH #10-14 x 3/4 TF | 4 |
| 10 | 105-1853 | Clamp, Hose | |
| | | (All units except 34HP Kawasaki & EFI) | 1 |
| | 105-1853 | Clamp, Hose (34HP Kawasaki) | 2 |
| 11 | 116-1875 | Plug, Plastic | 1 |

# MOTION CONTROL GROUP

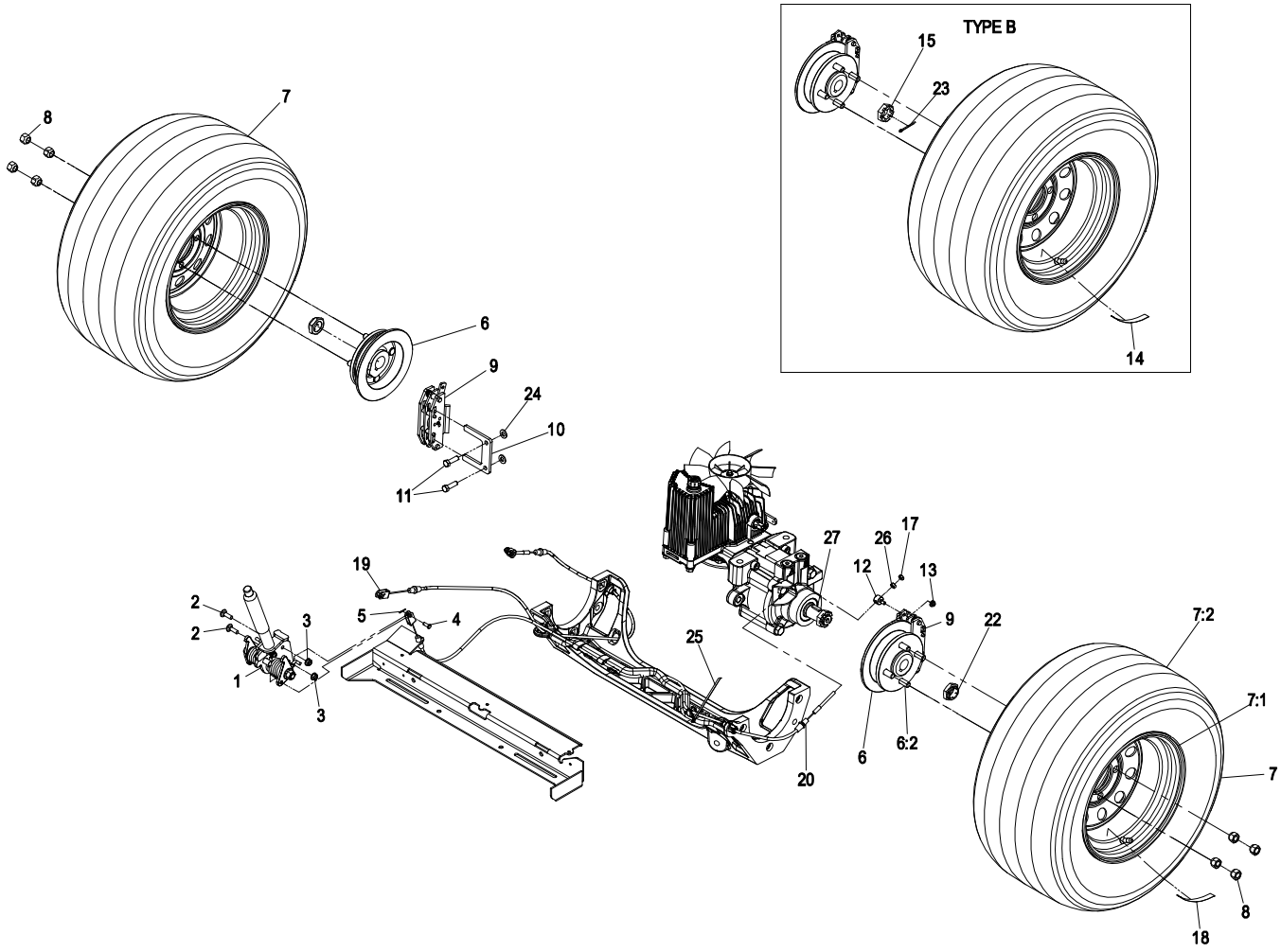



| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 116-0880 | Asm, Mot Ctrl/Bushing RH | 1 |
| 1:2 | 109-8054 | Bushing, Flanged | 4 |
| 2 | 116-0881 | Asm, Mot Ctrl/Bushing LH | 1 |
| 2:2 | 109-8054 | Bushing, Flanged | 4 |
| 3▲ | 116-0648 | Screw, HH 5/16-18 x 1 W/Patch | 2 |
| 4 | 109-4581 | Arm, Pump Control | 2 |
| 5▲ | 9080046 | Screw, HH 1/4-20 x 7/8 | 2 |
| 6 | 1-303435 | Washer, Spring Disc 1/4 | 2 |
| 7 | 116-0027 | Damper, Motion Control | 2 |
| 8 | 104-8300 | Nut, Nyloc 5/16-18 Flg | 8 |
| 9 | 3230-2 | Bolt, Carriage 5/16-18 x 1 | 2 |
| 11 | 109-5891 | Hub, Threaded | 2 |
| 12 | 325-12 | Screw, HH 1/2-13 x 3 | 2 |
| 16 | 116-0039 | Lever, Motion Control RH | 1 |
| 17 | 116-0040 | Lever, Motion Control LH | 1 |
| 19 | 109-6589 | Asm, Steering Handle RH | 1 |
| 19:1 | 109-5668 | Grip, Control Lever | 1 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 20 | 109-6590 | Asm, Steering Handle LH | 1 |
| 20:1 | 109-5668 | Grip, Control Lever | 1 |
| 21 | 104-8301 | Nut, Nyloc 3/8-16 Flg | 4 |
| 22 | 323-7 | Screw, HH 3/8-16 x 1 1/4 | 4 |
| 23 | 109-5575 | Spring, Leaf Rtn | 2 |
| 24 | 109-8106 | Asm, Pump Linkage Front (60" & 72") | 2 |
| | 109-8107 | Asm, Pump Linkage Rear (48" & 52") | 2 |
| 24:2 | 3219-2 | Nut, Hex 5/16-24 | 2 |
| 24:3 | 1-323245 | Spring, Compression | 2 |
| 24:4 | 1-633152 | Balljoint | 1 |
| 24:5 | 1-543017 | Balljoint | 1 |
| 25 | 109-9505 | Washer, Spring Disc 1/2 | 4 |
| 26 | 3256-6 | Washer | 2 |
| 27 | 32128-56 | Nut, Hex 1/2-13 Flange | 2 |
| 29 | 3256-23 | Washer | 2 |
| 30 | 3218-5 | Nut, Jam 1/2-13 | 2 |
| 31 | 115-1794 | Screw, Hex Flange 5/16-18 x 1 1/2 | 2 |

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

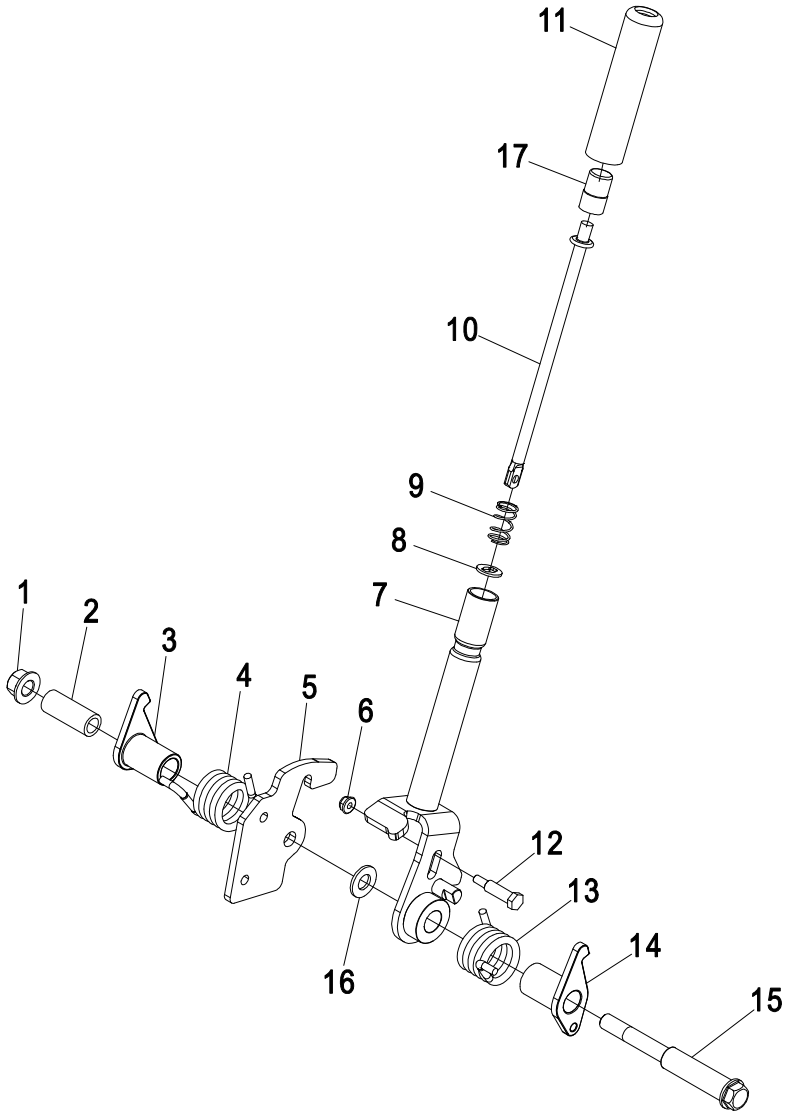
# PARK BRAKE GROUP




| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 116-1878 | Brake Handle Asm | 1 |
| 2 | 3230-2 | Bolt, Carriage 5/16-18 x 1 | 2 |
| 3 | 104-8300 | Nut, Nyloc 5/16-18 Flg | 2 |
| 4 | 60-1730 | Pin-Clevis | 2 |
| 5 | 3272-1 | Pin, Cotter 1/16 x 1/2 | 2 |
| 6 | 116-1746 | Asm, Wheel Hub And Studs | 2 |
| 6:2 | 116-1696 | Stud-Wheel | 4 |
| 7 | 109-3050 | Asm, Wheel & Tire (48”) | 2 |
| | 109-3247 | Asm, Wheel & Tire (52”) | 2 |
| | 109-3248 | Asm, Wheel & Tire (60”) | 2 |
| | 109-3158 | Asm, Wheel & Tire (72”) | 2 |
| 7:1 | 109-3645 | Wheel (48”) | 1 |
| | 109-2875 | Wheel (52”) | 1 |
| | 109-2871 | Wheel (60”) | 1 |
| | 109-3156 | Wheel (72”) | 1 |
| 7:2 | 103-2771 | Tire (48” & 52”) | 1 |
| | 103-2744 | Tire (60” & 72”) | 1 |
| 8 | 242-50 | Nut, Lug 1/2-20 | 8 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 9 | 109-2889 | Caliper-Brake | 2 |
| 10 | 109-0958 | Plate, Brake Mount | 2 |
| 11 | 92-5727 | Screw, HH 3/8-16 x 1 1/4 patch lock | 4 |
| 12 | 112-8379 | Swivel | 2 |
| 13 | 104-7201 | Nut, Nyloc 1/4-20 Flg | 2 |
| 14 | 116-0165 | Decal-Hub, Wheel | 2 |
| 15 | 1-809036 | Nut, Slotted 1-20 | 2 |
| 17 | 3296-13 | Nut, Nyloc 1/4-28 | 2 |
| 18 | 116-2643 | Decal, Hub, Wheel | 2 |
| 19 | 115-3584 | Cable | 1 |
| 20 | 115-3585 | Cable | 1 |
| 22 | 116-1399 | Locknut, Wheel Motor | 2 |
| 23 | 1-806800 | Pin, Cotter 9/64 x 1 1/2 | 2 |
| 24 | 3256-24 | Washer, 3/8 SAE | 4 |
| 25 | 116-0940 | Tie-Cable | 1 |
| 26 | 3219-1 | Nut, Hex 1/4-28 | 2 |
| 27 | 3257-42 | Key, Woodruff | 2 |

# BRAKE HANDLE ASSEMBLY – 116-1878

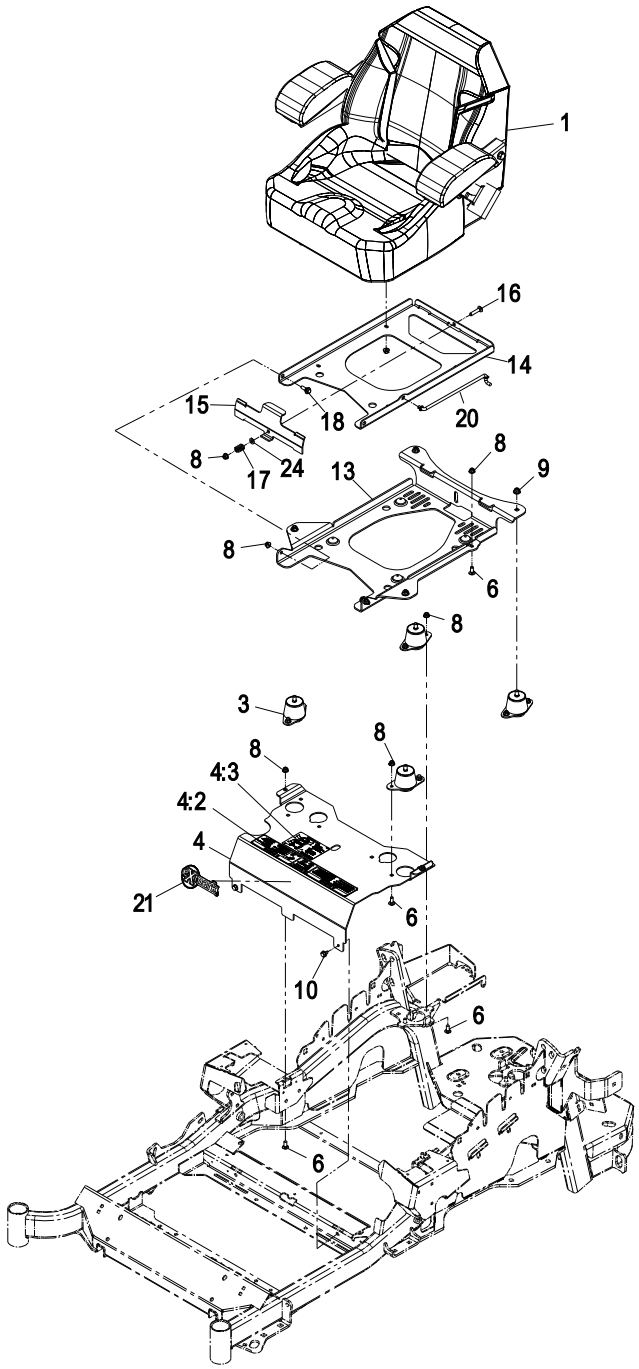



| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 99-5107 | Nut, Lock 1/2-13 | 1 |
| 2 | 117-0380 | Spacer | 1 |
| 3 | 115-3580 | Arm-Brake, LH | 1 |
| 4 | 117-0376 | Spring-Torsion, RH | 1 |
| 5 | 115-3574 | Plate-Latch | 1 |
| 6 | 104-7201 | Nut, Nyloc 1/4-20 Flg | 1 |
| 7 | 116-1876-03 | Brake Handle Asm | 1 |
| 8 | 114-1207 | Washer-Special | 1 |
| 9 | 114-8187 | Spring-Compression | 1 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 10 | 115-3581 | Rod-Release, Brake | 1 |
| 11 | 115-3592 | Grip | 1 |
| 12 | 112-8387 | Bolt, HH Shoulder 1/4-20 x 1.64 | 1 |
| 13 | 117-0375 | Spring-Torsion, LH | 1 |
| 14 | 115-3579 | Arm-Brake, RH | 1 |
| 15 | 117-0379 | Bolt, Shoulder 1/2-13 x 5.57 | 1 |
| 16 | 3256-26 | Washer, 1/2 SAE | 1 |
| 17 | 115-2750 | Knob | 1 |

Exmark black touch up spray paint – gloss black.

# SEAT GROUP

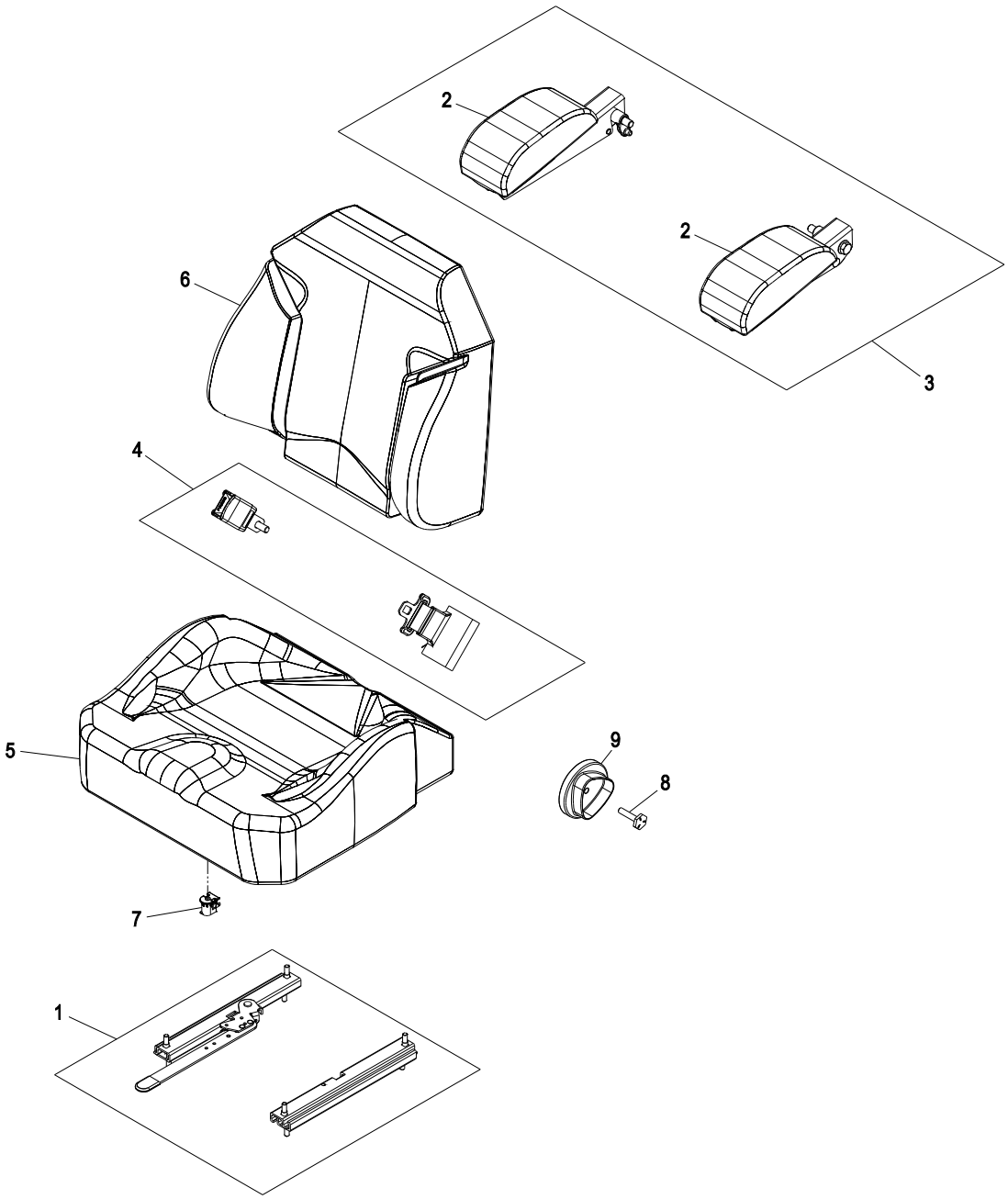



| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 116-0036 | Asm, Seat W/Tracks | 1 |
| 3 | 109-9034 | Seat Isolator | 4 |
| 4 | 116-2323 | Mount, Seat W/Decals | 1 |
| 4:2 | 109-7069 | Decal, Console | 1 |
| 4:3 | 116-0211 | Decal, Service Lz | 1 |
| 6 | 3230-23 | Bolt, Carriage 5/16-18 x 3/4, short neck | 11 |
| 8 | 104-8300 | Nut, Nyloc 5/16-18 Flg | 18 |
| 9 | 104-8301 | Nut, Nyloc 3/8-16 Flg | 4 |
| 10 | 9266934 | Screw, HWH 5/16 x 1/2 TF | 2 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 13 | 116-0181-03 | Plate, Seat Support | 1 |
| 14 | 116-0179-03 | Plate, Seat Base | 1 |
| 15 | 109-9881-03 | Plate, Seat Latch | 1 |
| 16 | 3230-4 | Bolt, Carriage 5/16-18 x 1 1/2 | 1 |
| 17 | 107-3017 | Spring-Compression | 1 |
| 18 | 116-1297 | Screw-Shoulder | 2 |
| 20 | 116-0070 | Rod, Prop | 1 |
| 21 | 103-2883 | Decal, Exmark Logo | 1 |
| 24 | 3256-23 | Washer, 5/16 SAE | 1 |

Exmark black touch up spray paint – gloss black

# SEAT W/TRACKS ASSEMBLY – 116-0036

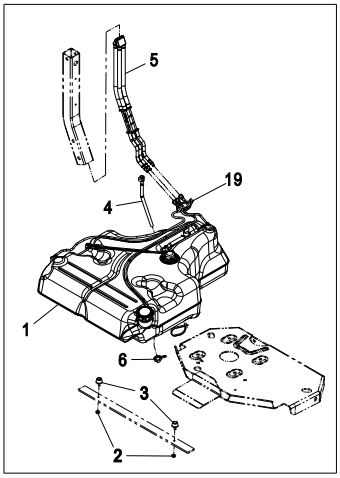



| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 109-9801 | Set, Seat Track | 1 |
| 2 | 109-9812 | Set, Arm Rest Pads | 1 |
| 3 | 109-9815 | Kit, Arm Rest Set | 1 |
| 4 | 116-0751 | Kit, Seat Belt (short buckle) | 1 |
| 5 | 109-9807 | Cover, Cushion | 1 |

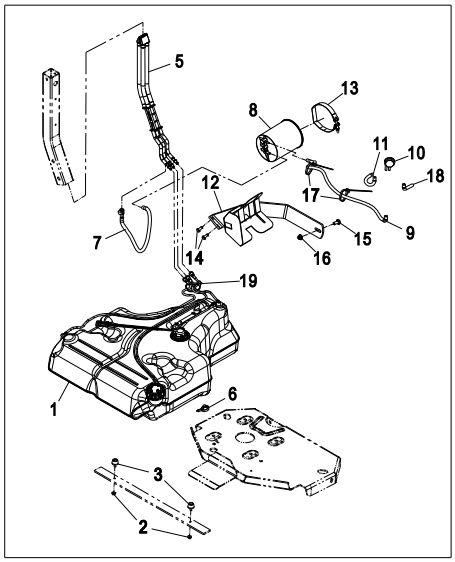
| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 6 | 109-9817 | Cover, Back | 1 |
| 7 | 82-2190 | Switch, Occupancy | 1 |
| 8 | 116-2793 | Screw, Shoulder 3/8-16 x 1.80 | 1 |
| 9 | 116-2794 | Knob, Adjuster | 1 |

# FUEL TANK GROUP

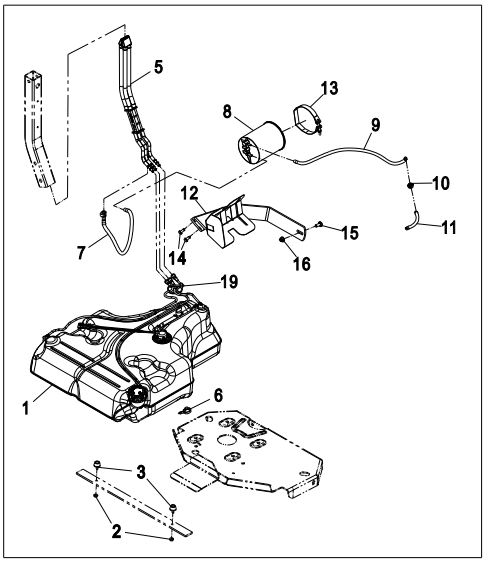
NON-CALIFORNIA UNITS




CALIFORNIA UNITS
WITH KOHLER ENGINES




CALIFORNIA UNITS
WITH KAWASAKI ENGINES



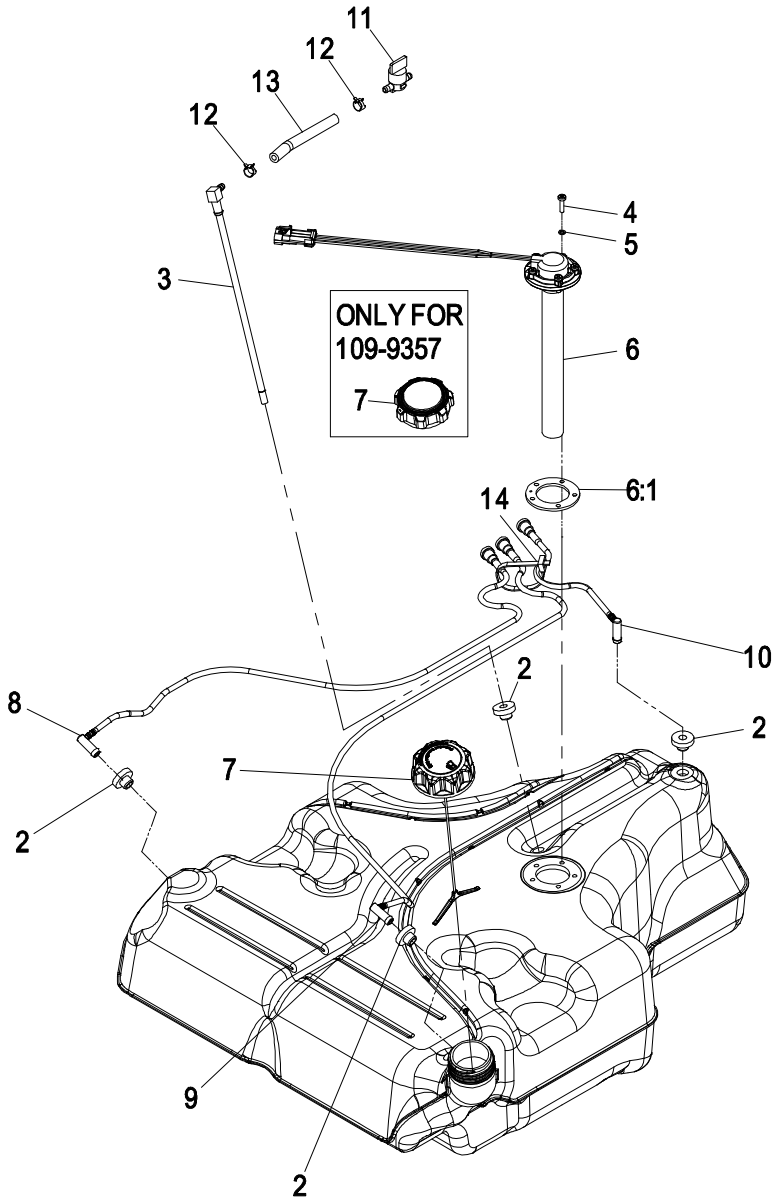

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1● | 109-9357 | Fuel Tank Asm | 1 |
| ✚ | 116-2131 | Asm, Fuel Tank Low Perm | 1 |
| 2 | 32128-33 | Nut, Whizlock 1/4-20 | 2 |
| 3 | 109-2365 | Bumper-Rubber (W/Stud) | 2 |
| 4 | 109-9450 | Tube-Vent, Fuel Drain | 1 |
| 5 | 109-9491 | Fuel Manifold Vent Asm | 1 |
| 6 | 105-1853 | Clamp-Hose | 1 |
| 7 | 116-1702 | Asm, Vent Hose | 1 |
| 8 | 116-1442 | Canister, Carbon 1200cc | 1 |
| 9■ | 108-6344 | Hose-Fuel | 1 |
| ▼ | 116-2231 | Hose, 3/16 Formed | 1 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 10■ | 115-7868 | Valve-Check, Vacuum | 1 |
| ▼ | 116-2232 | Valve, Vacuum Control | 1 |
| 11■ | 116-2394 | Hose, Fuel | 1 |
| ▼ | 116-2619 | Hose, Fuel | 1 |
| 12 | 116-1433-03 | Wld, Canister Mount | 1 |
| 13 | 116-2228 | Clamp, T-Bolt | 1 |
| 14 | 32144-70 | Screw, HWH 5/16-18 x 3/4 TF | 2 |
| 15 | 3231-22 | Bolt, Carriage 3/8-16 x 1 | 1 |
| 16 | 104-8301 | Nut, Nyloc 3/8-16 Flg | 1 |
| 17 | 1-303335 | Tie, Cable 7 15/16 | 2 |
| 18 | 116-2233 | Hose, 3/16 Formed | 1 |
| 19 | 1-303335 | Tie, Plastic | 1 |

Exmark black touch up spray paint – gloss black

● Non-California Units
✚ California Units
■ California Units with Kohler Engines
▼ California Units with Kawasaki Engines

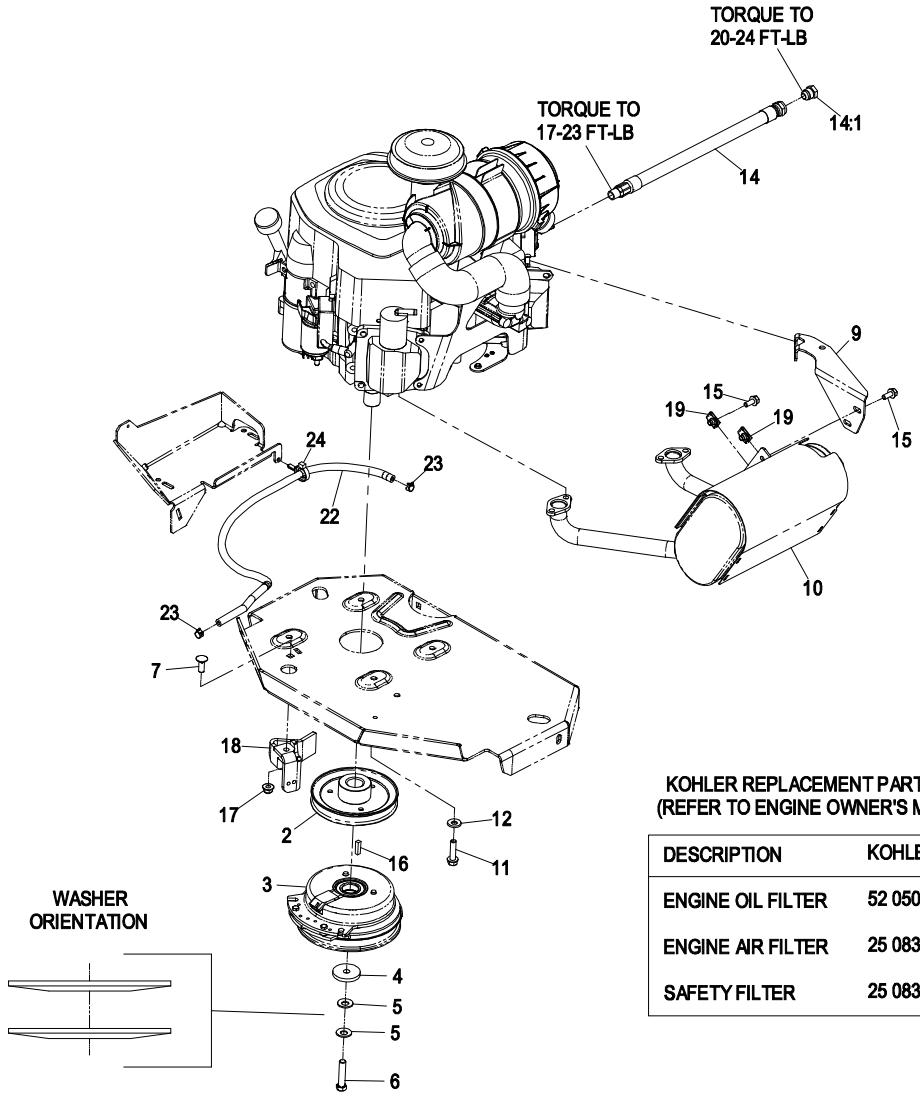
# FUEL TANK ASSEMBLY – 109-9357 & 116-2131




| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 2 | 46-6560 | Bushing | 4 |
| 3 | 116-2459 | Kit, Fuel Line With Grommet | 1 |
| 4 | 9107944 | Screw-Pan | 5 |
| 5 | 3253-17 | Washer, Lock 3/16 | 5 |
| 6 | 116-0003 | Sender-Fuel Level | 1 |
| 6:1 | 109-9620 | Gasket-Sender, Fuel | 1 |
| 7 | 109-9619 | Cap-Fuel (109-9357 – Non-CA Units) | 1 |
| | 116-1704 | Cap-Ratcheting Fuel (116-2131 – CA Units) | 1 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 8 | 116-2460 | Kit, Vent Line With Grommet RH | 1 |
| 9 | 116-2461 | Kit, Vent Line With Grommet LH | 1 |
| 10 | 116-2462 | Kit, Vent Line With Grommet Rear | 1 |
| 11 | 1-603770 | Valve, Fuel | 1 |
| 12 | 2412-98 | Clamp, Hose | 2 |
| 13 | 109-0650 | Hose-Fuel | 1 |
| 14 | 1-303335 | Tie, Cable 7 15/16 (Large) | 1 |

# ENGINE GROUP – 23-29HP KOHLER




**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 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 2 | 109-9905 | Sheave | 1 |
| 3 | 116-1620 | Kit, Clutch CMS 200 | 1 |
| 4 | 109-6919 | Washer-Clutch | 1 |
| 5 | 1-603610 | Washer, Spring Disc 7/16 | 2 |
| 6▲ | 109-9762 | Screw, HH 7/16-20 x 2 W/Loctite | 1 |
| 7 | 3231-22 | Bolt, Carriage 3/8-16 x 1 | 1 |
| 9● | 116-2360 | Bracket, Muffler Kohler | 1 |
| ✖ | 116-3704 | Bracket, Muffler Kohler EFI | 1 |
| 10● | 116-1713 | Muffler | 1 |
| ✖ | 116-2038 | Muffler | 1 |
| 11 | 32144-102 | Screw, HWH 3/8-16 X 1 1/2 Taptite | 4 |
| 12 | 98-5975 | Washer, Spring Disc 3/8 | 4 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 14✚ | 116-0013 | Oil Drain Hose Asm | 1 |
| 14:1 | 109-1012 | Plug | 1 |
| 15 | 3234-5 | Screw, HH FLG 5/16-18 x 3/4 | 3 |
| 16 | 1-807259 | Key, Machine 1/4 x 1/4 x 1 | 1 |
| 17 | 104-8301 | Nut, Nyloc 3/8-16 Flg | 2 |
| 18 | 116-2612-01 | Anchor-Clutch | 1 |
| 19 | 94-2413 | U-Nut | 3 |
| 22 | 109-0286 | Hose, Fuel Line 35" | 1 |
| 23 | 2412-98 | Clamp, Hose | 2 |
| 24 | 105-1853 | Clamp, Hose | 1 |
| 27 | 1-303435 | Washer, Spring Disc 1/4 | 1 |
| 28 | 33113-020 | Screw, HH M6-1 x 12mm | 1 |

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

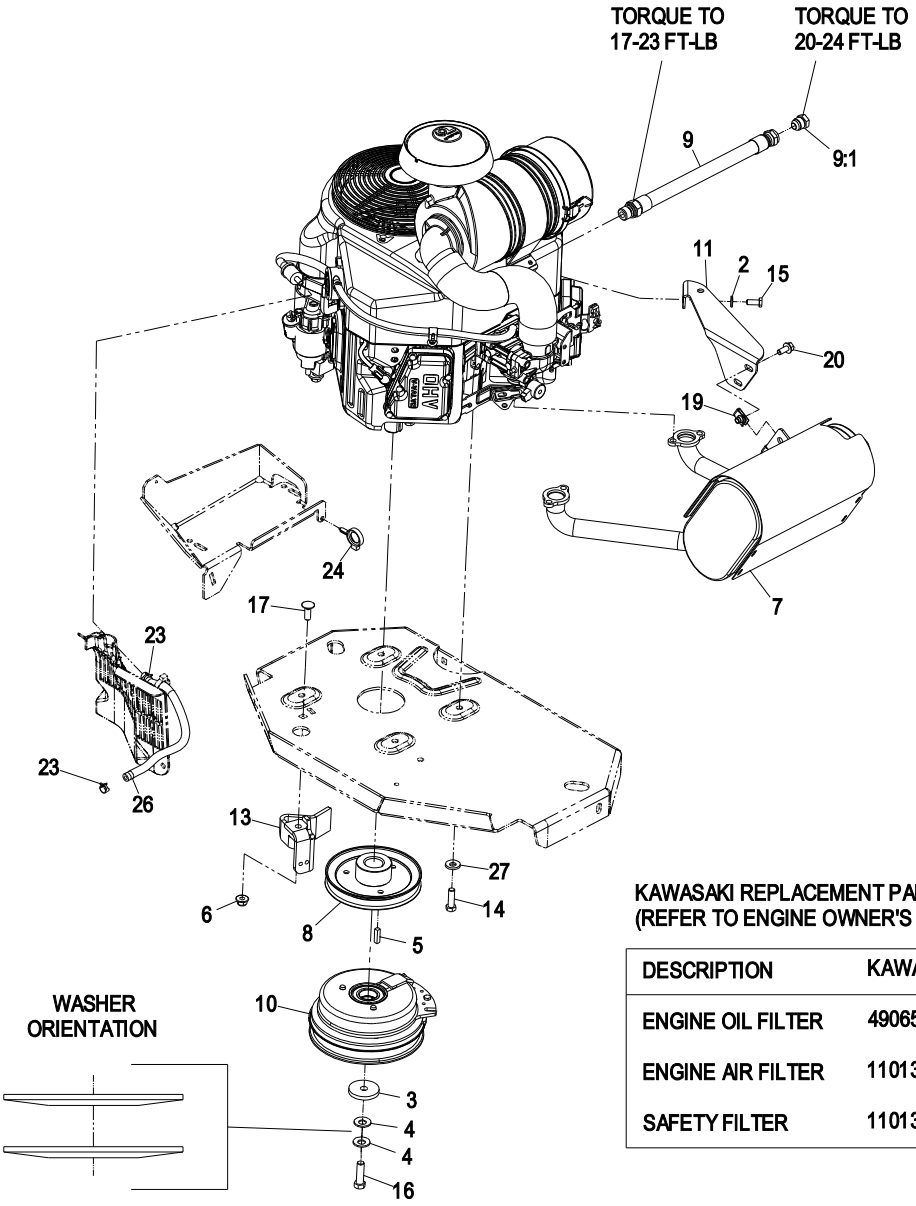
✚ Use Teflon Pipe Sealant or equivalent on threads.

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

● All units except 29HP EFI

✖ 29HP EFI Only

# ENGINE GROUP – 24HP KAWASAKI




**KAWASAKI REPLACEMENT PARTS LIST**
**(REFER TO ENGINE OWNER'S MANUAL)**

| DESCRIPTION | KAWASAKI PART |
|---|---|
| ENGINE OIL FILTER | 49065-7007 |
| ENGINE AIR FILTER | 11013-7044 |
| SAFETY FILTER | 11013-7045 |

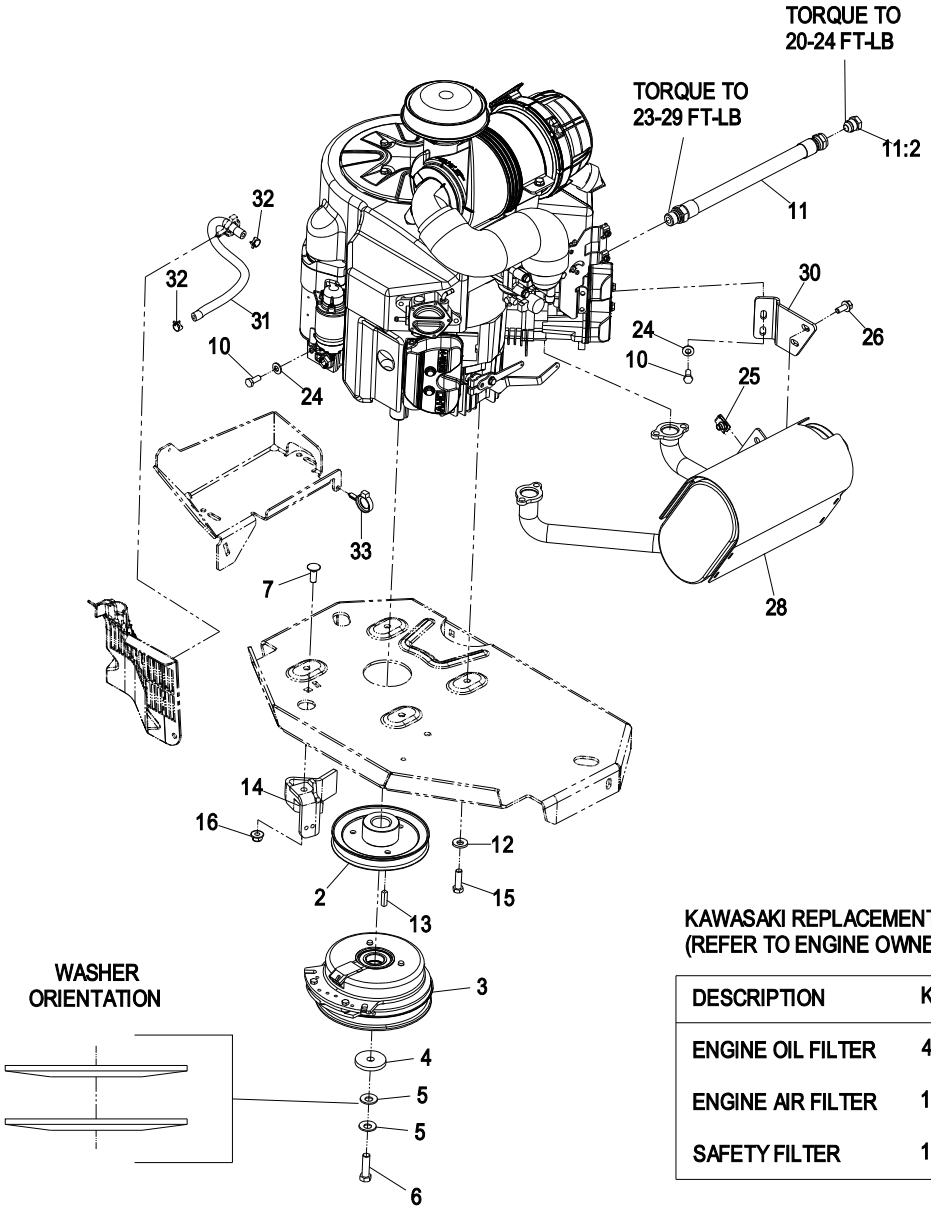
| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 2 | 1-303334 | Washer, Spring Disc 5/16 | 1 |
| 3 | 109-6919 | Washer, Clutch | 1 |
| 4 | 1-603610 | Washer, Spring Disc 7/16 | 2 |
| 5 | 1-807259 | Key, Machine 1/4 x 1/4 x 1 | 1 |
| 6 | 104-8301 | Nut, Nyloc 3/8-16 Flg | 1 |
| 7 | 116-1715 | Muffler | 1 |
| 8 | 109-9905 | Sheave, W/Hub | 1 |
| 9 | 109-4490 | Asm, Hose Oil Drain W/Plug | 1 |
| 9:2 | 109-1012 | Plug | 1 |
| 10 | 116-1620 | Clutch, CMS-200 W/Spot Brake. | 1 |
| 11 | 116-1435 | Bracket, Muffler | 1 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 13 | 116-2612-01 | Anchor, Clutch | 1 |
| 14 | 323-7 | Screw, HH 3/8-16 x 1 1/4 | 4 |
| 15 | 33114-020 | Screw, HH M8-1.25 x 20mm | 1 |
| 16▲ | 109-9761 | Screw, HH 7/16-20 x 1 1/2 W/Loctite | 1 |
| 17 | 3231-22 | Bolt, Carriage 3/8-16 x 1 | 1 |
| 19 | 94-2413 | U-Nut 5/16-18 | 2 |
| 20 | 3234-5 | Screw, HH FLG 5/16-18 x 3/4 | 2 |
| 23 | 2412-98 | Clamp, Hose | 2 |
| 24 | 105-1853 | Clamp-Hose, Hydro | 1 |
| 26 | 109-0296 | Hose, Fuel 15” | 1 |
| 27 | 98-5975 | Washer | 4 |

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

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

# ENGINE GROUP – 29HP KAWASAKI




WASHER ORIENTATION



KAWASAKI REPLACEMENT PARTS LIST
(REFER TO ENGINE OWNER'S MANUAL)

| DESCRIPTION | KAWASAKI PART |
|---|---|
| ENGINE OIL FILTER | 49065-2078 |
| ENGINE AIR FILTER | 11013-7038 |
| SAFETY FILTER | 11013-7039 |

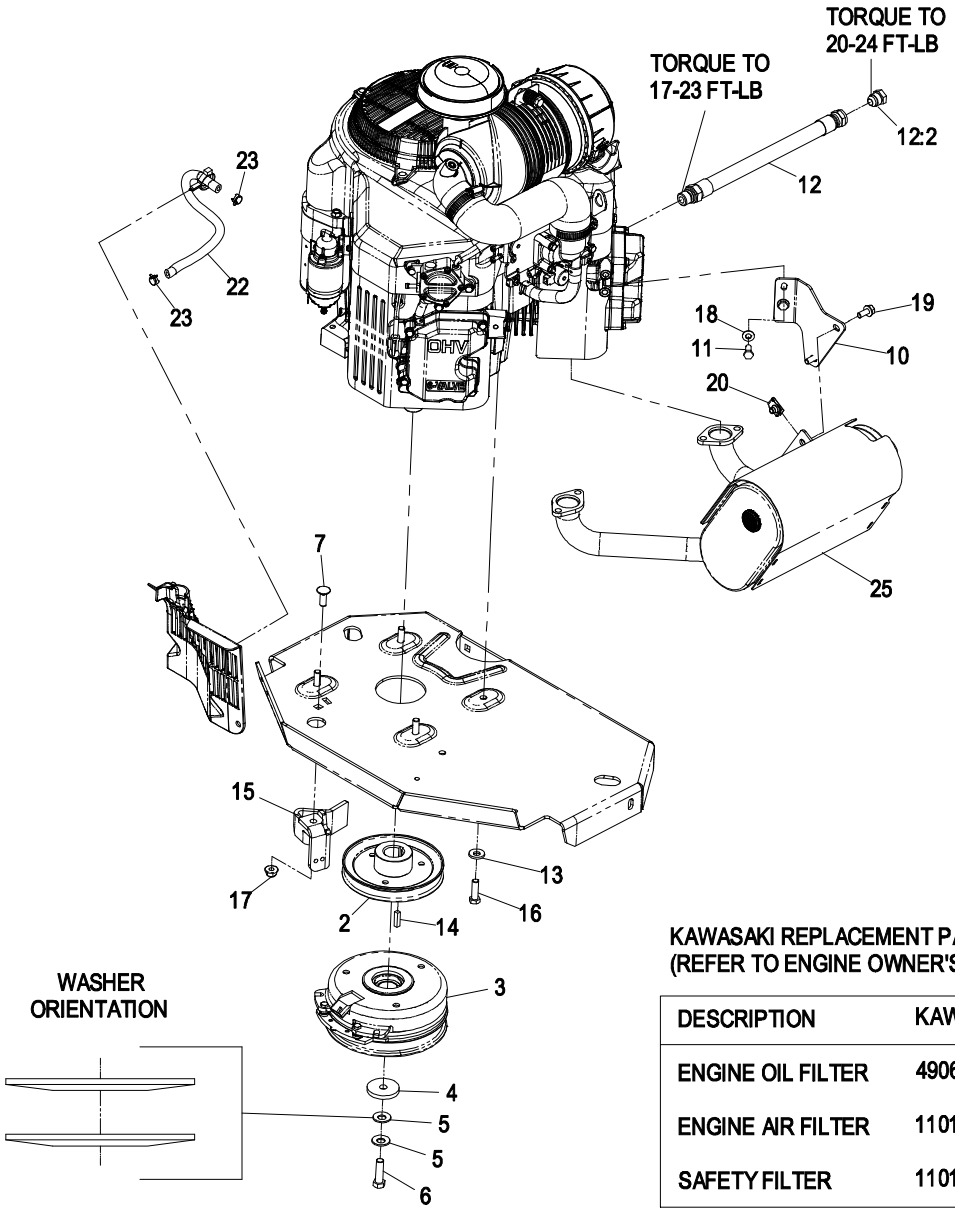
| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 2 | 109-9905 | Sheave | 1 |
| 3 | 116-1620 | Kit, Clutch CMS200 | 1 |
| 4 | 109-6919 | Washer-Clutch | 1 |
| 5 | 1-603610 | Washer, Spring Disc 7/16 | 2 |
| 6▲ | 109-9761 | Screw, HH 7/16-20 x 1 1/2 W/Loctite | 1 |
| 7 | 3231-22 | Bolt, Carriage 3/8-16 x 1 | 1 |
| 10 | 33114-020 | Screw, HH M8-1.25 x 20mm | 3 |
| 11 | 109-4490 | Oil Drain Hose Asm | 1 |
| 11:2 | 109-1012 | Plug | 1 |
| 12 | 98-5975 | Washer, Spring Disc 3/8 | 4 |
| 13 | 1-807259 | Key, Machine 1/4 x 1/4 x 1 | 1 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 14 | 116-2612-01 | Anchor-Clutch | 1 |
| 15 | 323-7 | Screw, HH 3/8-16 x 1 1/4 | 4 |
| 16 | 104-8301 | Nut, Nyloc 3/8-16 Flg | 1 |
| 24 | 1-303334 | Washer, Spring Disc 5/16 | 3 |
| 25 | 94-2413 | U-Nut | 2 |
| 26 | 3234-5 | Screw, HH FLG 5/16-18 x 3/4 | 2 |
| 28 | 116-1712 | Muffler, 27-31Ka | 1 |
| 30 | 116-0203 | Bracket-Muffler | 1 |
| 31 | 109-0296 | Hose, Fuel Line 15" | 1 |
| 32 | 2412-98 | Clamp, Hose | 2 |
| 33 | 105-1853 | Clamp-Hose | 1 |

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

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

# ENGINE GROUP – 34HP KAWASAKI




**KAWASAKI REPLACEMENT PARTS LIST**
**(REFER TO ENGINE OWNER'S MANUAL)**

| DESCRIPTION | KAWASAKI PART |
|---|---|
| ENGINE OIL FILTER | 49065-2078 |
| ENGINE AIR FILTER | 11013-7038 |
| SAFETY FILTER | 11013-7039 |

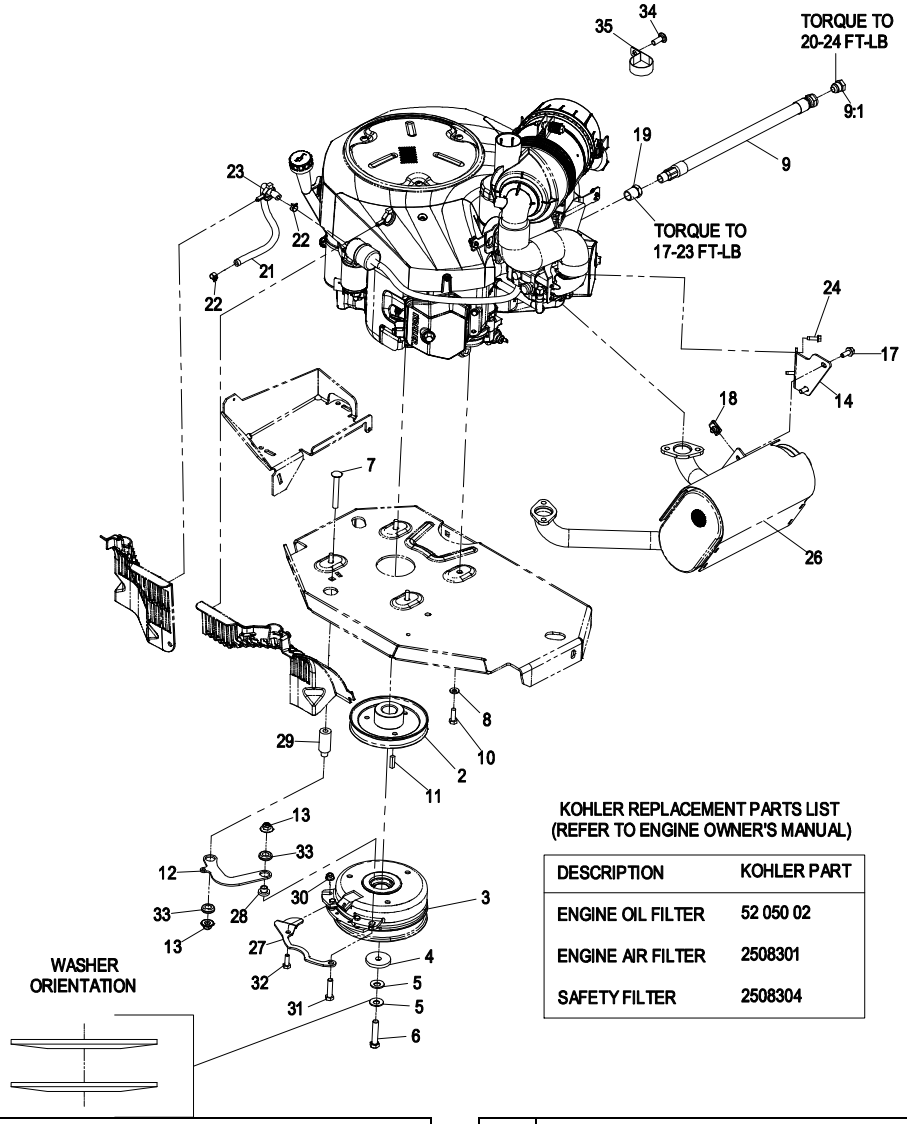
| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 2 | 109-9905 | Sheave | 1 |
| 3 | 116-1621 | Clutch Kit | 1 |
| 4 | 109-6919 | Washer-Clutch | 1 |
| 5 | 1-603610 | Washer, Spring Disc 7/16 | 2 |
| 6▲ | 109-9761 | Screw, HH 7/16-20 x 1 1/2 W/Loctite | 1 |
| 7 | 3231-22 | Bolt, Carriage 3/8-16 x 1 | 1 |
| 10 | 116-1587 | Bracket-Muffler | 1 |
| 11 | 33114-020 | Screw, HH M8-1.25 x 20mm | 2 |
| 12 | 109-4490 | Oil Drain Hose Asm | 1 |
| 12:2 | 109-1012 | Plug | 1 |
| 13 | 98-5975 | Washer, Spring Disc 3/8 | 4 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 14 | 1-807259 | Key, Machine 1/4 x 1/4 x 1 | 1 |
| 15 | 116-2612-01 | Anchor-Clutch | 1 |
| 16 | 323-7 | Screw, HH 3/8-16 x 1 1/4 | 4 |
| 17 | 104-8301 | Nut, Nyloc 3/8-16 Flg | 1 |
| 18 | 1-303334 | Washer, Spring Disc 5/16 | 2 |
| 19 | 3234-5 | Screw, HH FLG 5/16-18 x 3/4 | 2 |
| 20 | 94-2413 | U-Nut | 2 |
| 22 | 109-0296 | Hose, Fuel Line 15" | 1 |
| 23 | 2412-98 | Clamp, Hose | 2 |
| 25 | 116-1707 | Muffler | 1 |

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

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

# ENGINE GROUP – 34HP & 38HP KOHLER




KOHLER REPLACEMENT PARTS LIST
(REFER TO ENGINE OWNER'S MANUAL)

| DESCRIPTION | KOHLER PART |
|---|---|
| ENGINE OIL FILTER | 52 050 02 |
| ENGINE AIR FILTER | 2508301 |
| SAFETY FILTER | 2508304 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 2 | 109-9905 | Sheave | 1 |
| 3 | 116-1621 | Clutch Kit | 1 |
| 4 | 109-6919 | Washer-Clutch | 1 |
| 5 | 1-603610 | Washer, Spring Disc 7/16 | 2 |
| 6▲ | 109-9762 | Screw, HH 7/16-20 x 2 W/Loctite | 1 |
| 7 | 3231-42 | Bolt, Carriage 3/8-16 x 3 | 1 |
| 8 | 1-303334 | Washer, Spring Disc 5/16 | 4 |
| 9✚ | 116-0013 | Asm, Oil Drain Hose | 1 |
| 9:1 | 109-1012 | Plug | 1 |
| 10 | 33114-025 | Screw, HH M8-1.25 x 25mm | 4 |
| 11 | 1-807259 | Key, Machine 1/4 x 1/4 x 1 | 1 |
| 12 | 116-3317-01 | Link, Clutch Anchor (Red) | 1 |
| 13 | 109-6658 | Nut, Nyloc 3/8-16 Flg | 2 |
| 14 | 109-9218 | Bracket, Muffler | 1 |
| 17 | 3234-5 | Screw, HH FLG 5/16-18 x 3/4 | 2 |
| 18 | 94-2413 | U-Nut (5/16-18) | 2 |

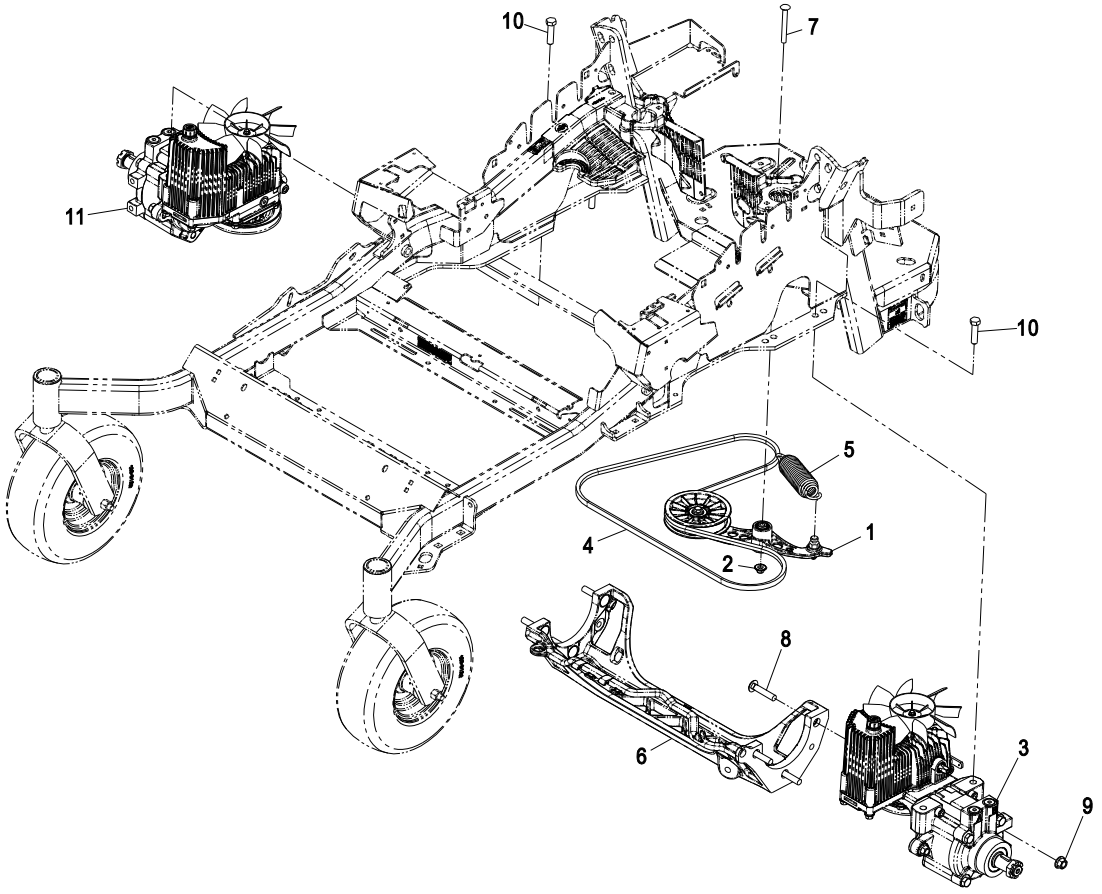
| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 19 | 103-1390 | Ftg, Bushing | 1 |
| 21 | 109-0305 | Hose, Fuel Line 13 3/4" | 1 |
| 22 | 2412-98 | Clamp, Hose | 2 |
| 23 | 105-1853 | Clamp-Hose ( Hydro) | 2 |
| 24 | 110-3986 | Screw, HH M6-1 x 20mm | 2 |
| 26 | 109-9880 | Muffler | 1 |
| 27 | 116-3331-01 | Belt-Guide | 1 |
| 28 | 116-3318 | Spacer | 1 |
| 29 | 116-3319 | Spacer | 1 |
| 30 | 104-8300 | Nut, Nyloc 5/16-18 Flg | 1 |
| 31 | 323-8 | Screw, HH 3/8-16 x 1 1/2 | 1 |
| 32 | 322-4 | Screw, HH 5/16-18 x 7/8 | 1 |
| 33 | 93-5108 | Grommet-Rubber | 2 |
| 34 | 3231-22 | Bolt, Carriage 3/8-16 x 1 | 1 |
| 35 | 2412-147 | Clamp | 1 |

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

✚ Use Teflon Pipe Sealant or equivalent on threads.

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

# HYDRAULIC GROUP



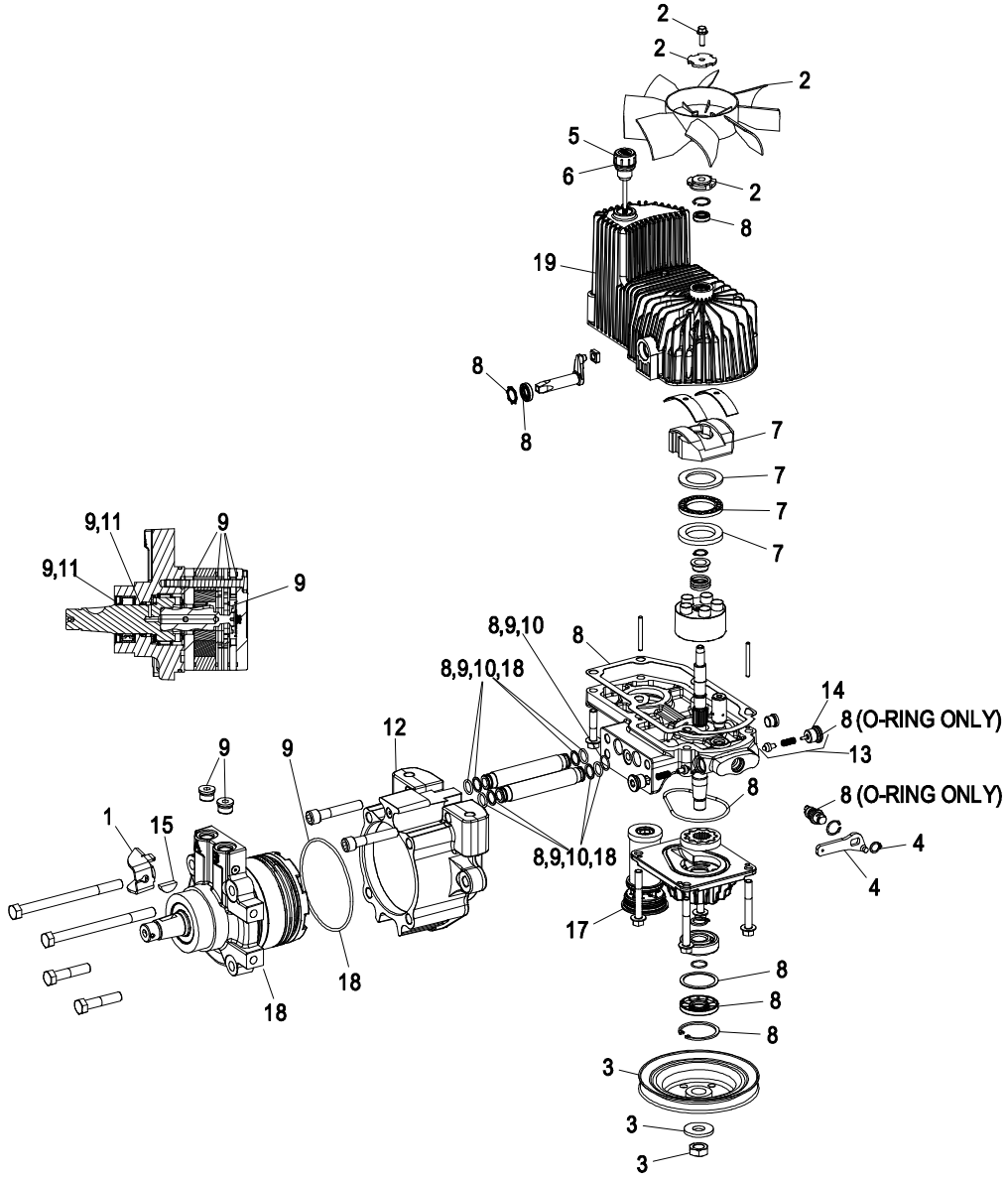

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 116-1255 | Asm, Pump Idler | 1 |
| 2 | 109-6658 | Nut, Nyloc 3/8-16 Flg | 1 |
| 3 | 116-1322 | Hydro, LH 12CC W/Check (48" or 52" Deck) | 1 |
| | 116-1382 | Hydro, LH 16CC W/Shock (30HP & Higher – 60" or 72" Deck) | 1 |
| | 116-1326 | Hydro, LH 16CC W/Shock (29HP & Lower – 60" Deck) | 1 |
| 4 | 109-3388 | Belt, V | 1 |
| 5 | 116-0133 | Spring, Extension | 1 |
| 6 | 109-9375 | Cradle, Machined Hydro | 1 |
| 7 | 116-1502 | Bolt, Carriage Shoulder 3/8-16 x 3 1/2 | 1 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 8 | 3233-34 | Bolt, Carriage 1/2-13 x 2 1/2 | 6 |
| 9 | 99-5107 | Nut, Lock 1/2-13 | 6 |
| 10 | 325-8 | Screw, HH 1/2-13 x 1 1/4 | 4 |
| 11 | 116-1323 | Hydro, RH 12CC W/Check (48" or 52" Deck) | 1 |
| | 116-1383 | Hydro, RH 16CC W/Shock (30HP & Higher – 60" or 72" Deck) | 1 |
| | 116-1327 | Hydro, RH 16CC W/Shock (29HP & Lower – 60" Deck) | 1 |
| 12✚ | 109-9828 | Oil, Exmark Premium Hydro (32 oz) | 4 |
| 13✚ | 116-1218 | Oil, Exmark Premium Hydro (1 gal) | 1 |
| ■✚ | 116-3270 | Kit, Hydro Service | 1 |

✚ Not shown

■ Kit contains: (1) V-Belt, (4) Exmark Premium Hydro Oil 32 oz bottles, and (2) Hydro filters

# HYDRAULIC GROUP (cont.)




| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 116-1758 | Bracket, Anchor Cable | 1 |
| 2 | 116-0233 | Kit, Fan Hydro | 1 |
| 3 | 116-0234 | Kit, Pulley Hydro | 1 |
| 4 | 116-0235 | Handle, Bypass Valve Hydro | 1 |
| 5 | 116-0236 | Dipstick, Hydro W/Gasket | 1 |
| 6 | 116-0237 | Gasket, Dipstick Hydro | 1 |
| 7 | 116-1367 | Kit, Swash Block Hydro | 1 |
| 8 | 116-1368 | Kit, Pump Seal Hydro | 1 |
| 9 | 116-1369 | Kit, Motor Seal Hydro | 1 |
| 10 | 116-1370 | Kit, Tube Seal Hydro | 1 |
| 11 | 116-1371 | Kit, Output Shaft Seal Hydro | 1 |
| 12▼ | 116-1372 | Cup, Nose Hydro Wet | 1 |
| ● | 116-2992 | Cup, Nose Hydro Dry | 1 |
| 13■ | 116-1630 | Asm, Check Valve | 1 |

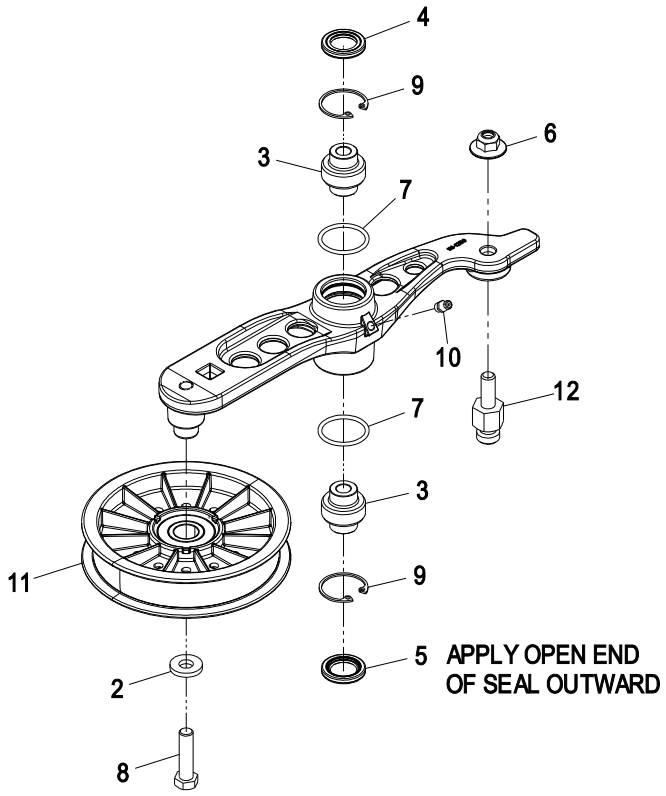
| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 14■ | 116-1631 | Check Plug W/O-Ring | 1 |
| 15 | 3257-42 | Key, Woodruff 5/16 x 1 | 1 |
| 17 | 116-0164 | Filter, Hydro | 1 |
| 18▼■ | 116-2984 | Motor, Wheel RH Wet 240cc | 1 |
| ▼■ | 116-2985 | Motor, Wheel LH Wet 240cc | 1 |
| ▼ | 116-2986 | Motor, Wheel RH Wet 280cc | 1 |
| ▼ | 116-2987 | Motor, Wheel LH Wet 280cc | 1 |
| ●■ | 116-2988 | Motor, Wheel LH Dry 240cc | 1 |
| ●■ | 116-2989 | Motor, Wheel RH Dry 240cc | 1 |
| ● | 116-2990 | Motor, Wheel LH Dry 280cc | 1 |
| ● | 116-2991 | Motor, Wheel RH Dry 280cc | 1 |
| 19 | 116-3287 | Housing, LH | 1 |
| | 116-3288 | Housing, RH | 1 |

■ For 12CC W/Check Hydros – 48” & 52” Only

▼ For Units with hydro S/N below LH: 092570032 RH: 092570042

● For Units with hydro S/N LH:092570032 RH: 092570042 & higher

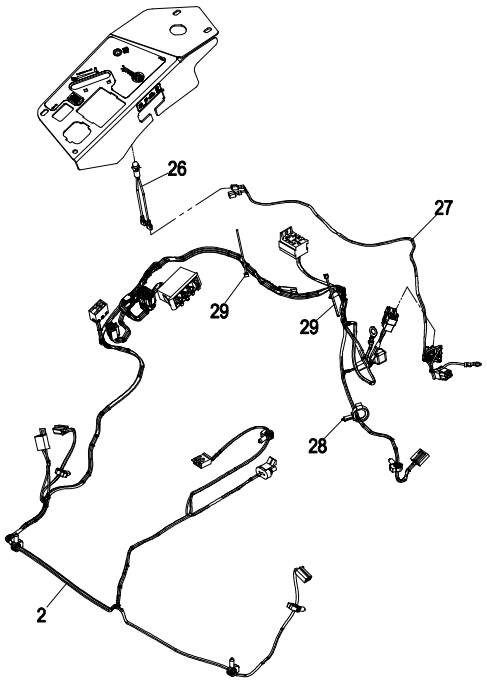
# PUMP IDLER ASSEMBLY – 116-1255



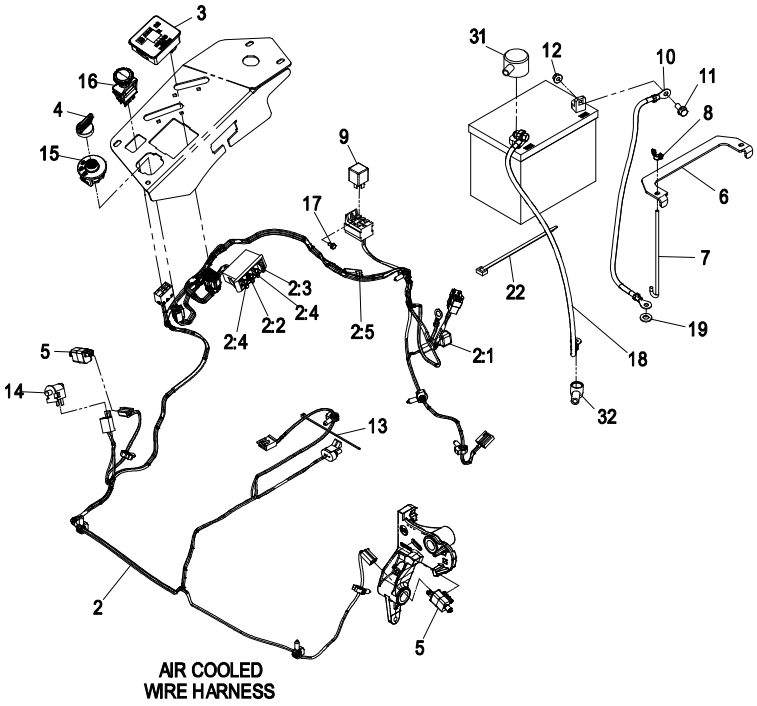

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 2 | 43-0940 | Spacer-Hub, Blower | 1 |
| 3 | 103-3504 | Bearing, Spherical | 2 |
| 4 | 103-3505 | Seal, Double Lip | 1 |
| 5 | 103-3506 | Seal, Single Lip | 1 |
| 6 | 109-6658 | Nut, Nyloc 3/8-16 Flg | 1 |
| 7 | 106-7159 | O-Ring | 2 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 8 | 323-8 | Screw, HH 3/8-16 x 1 1/2 | 1 |
| 9 | 32120-10 | Ring, Retaining | 2 |
| 10 | 302-19 | Zerk, 1/4-28 Str | 1 |
| 11 | 109-8076 | Pulley, Idler 5" X 1" Nylon | 1 |
| 12 | 109-7399 | Pin, Spring Anchor | 1 |

# ELECTRICAL GROUP




EFI WIRE HARNESS




AIR COOLED
WIRE HARNESS

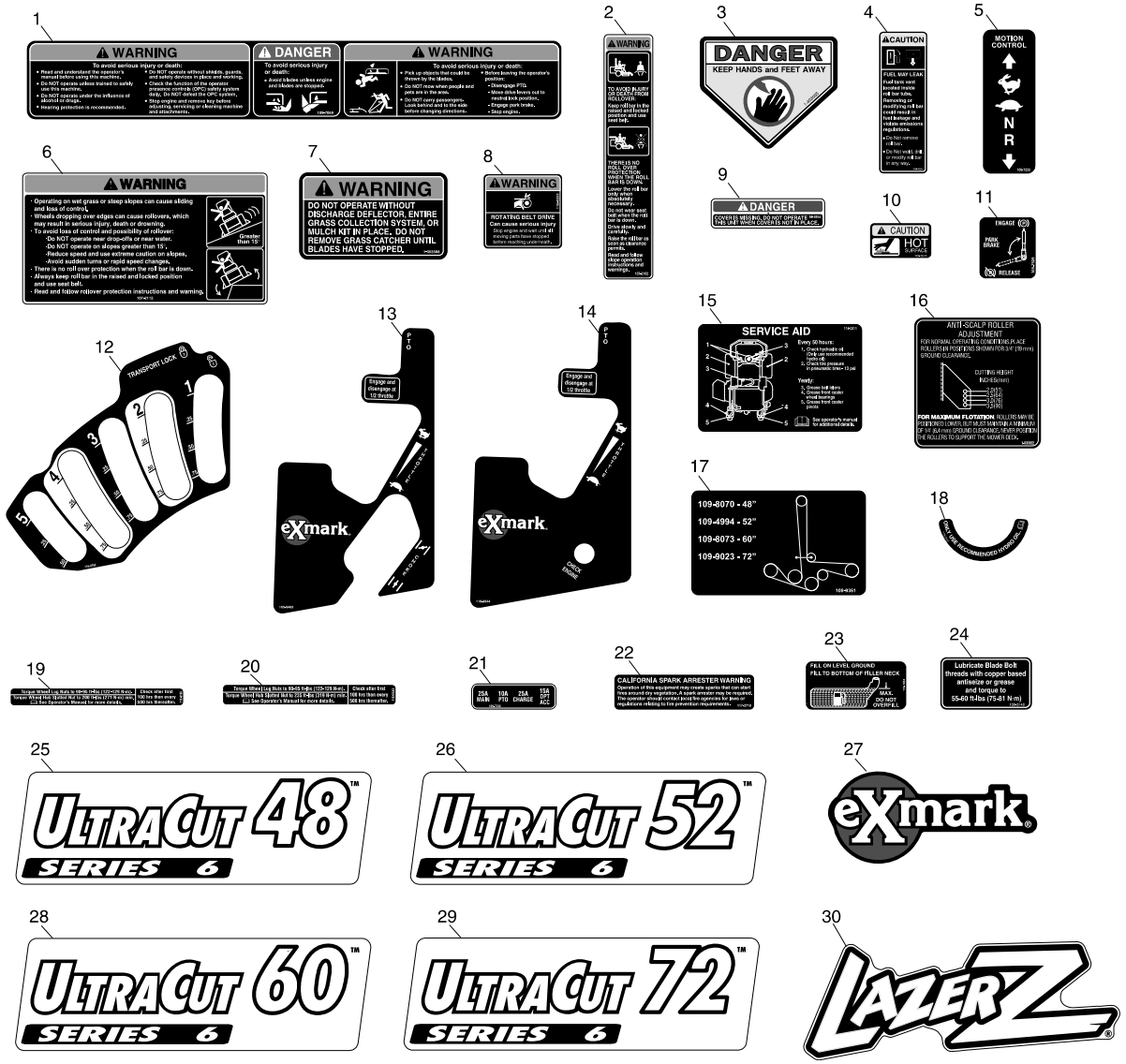
| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 2▲ | 115-2796 | Harness, Wire, Main | 1 |
| 2:1 | 103-3895 | Diode, TVS | 1 |
| 2:2 | 218-578 | Fuse, 10 Amp | 1 |
| 2:3 | 109355 | Fuse, 15 Amp | 1 |
| 2:4 | 109102 | Fuse, 25 Amp | 2 |
| 2:5 | 116-0053 | Cap, Plug | 1 |
| 3 | 116-1356 | Asm, Fuel/Hour Meter | 1 |
| 4 | 103-2106 | Key, Exmark Logo | 1 |
| | 1-603511 | Key, Ignition | 1 |
| 5 | 110-6765 | Switch, Single Pole No | 2 |
| 6 | 116-0042-03 | Strap, Tie Down, Battery | 1 |
| 7 | 1-633651 | Bolt, Holddown | 2 |
| 8 | 1-543792 | Wingnut, Nyloc 1/4-20 | 2 |
| 9 | 1-643275 | Relay, 12VDC 40 Amp | 1 |
| 10 | 114-1218 | Cable, Battery, Negative | 1 |
| 11 | 3234-5 | Screw, HH FLG 5/16-18 x 3/4 | 2 |

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 12 | 104-8300 | Nut, Nyloc 5/16-18 Flg | 2 |
| 13 | 1-303287 | Tie, Cable 5 1/2 (Small) (Air Cooled) | 3 |
| | 1-303287 | Tie, Cable 5 1/2 (Small) (EFI) | 2 |
| 14 | 82-2190 | Switch | 1 |
| 15 | 117-2221 | Switch, Ignition | 1 |
| 16 | 116-0124 | Switch, PTO, 10A | 1 |
| 17 | 104-2065 | Screw, HWH #10-24 x 3/8 | 1 |
| 18 | 115-3864 | Cable, Battery, Positive | 1 |
| 19 | 3256-24 | Washer, 3/8 SAE | 1 |
| 22 | 1-303335 | Tie, Cable 7 15/16 (Large) | 1 |
| 26 | 1-643267 | Indicator, LED | 1 |
| 27▲ | 116-3062 | Harness, Wire (EFI) | 1 |
| 28 | 105-1853 | Clamp | 1 |
| 29 | 1-303287 | Tie, Plastic | 2 |
| 31 | 109-2407 | Insulator, Solenoid | 1 |
| 32 | 1-543393 | Insulator, Battery | 1 |

Exmark black touch up spray paint - gloss black.

▲ Use dielectric grease on all wiring harness connectors.

# DECAL GROUP

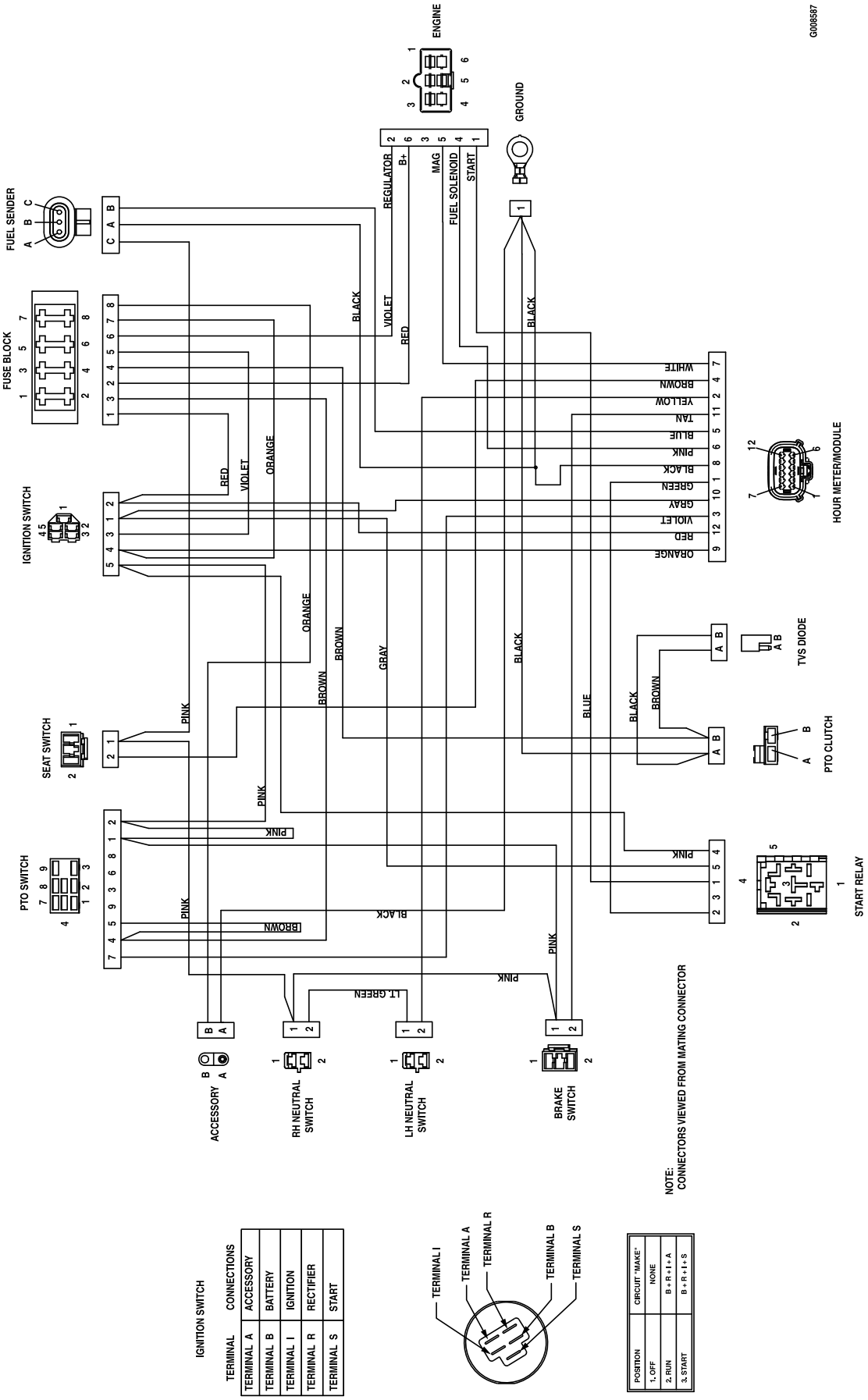



| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 109-7069 | Decal, Console | 1 |
| 2 | 107-2102 | Decal, ROPS Folding | 1 |
| 3 | 1-403005 | Decal, Danger | 2 |
| 4 | 116-0090 | Decal, Caution Fuel Vent | 1 |
| 5 | 109-7232 | Decal, Motion Control | 2 |
| 6 | 107-2112 | Decal, Warning Slope | 1 |
| 7 | 1-303508 | Decal, Discharge Warning | 1 |
| 8 | 116-0205 | Decal, Belt Drive | 2 |
| 9 | 98-5954 | Decal, Danger | 2 |
| 10 | 103-2076 | Decal, Hot Surface | 3 |
| 11 | 109-7929 | Decal, Park Brake | 1 |
| 12 | 116-0752 | Decal, Cut of Height | 1 |
| 13 | 109-8483 | Decal, Control Panel (All units except 29HP EFI) | 1 |
| 14 | 116-2844 | Decal, Control Panel (29HP EFI) | 1 |
| 15 | 116-0211 | Decal, Service Aid | 1 |

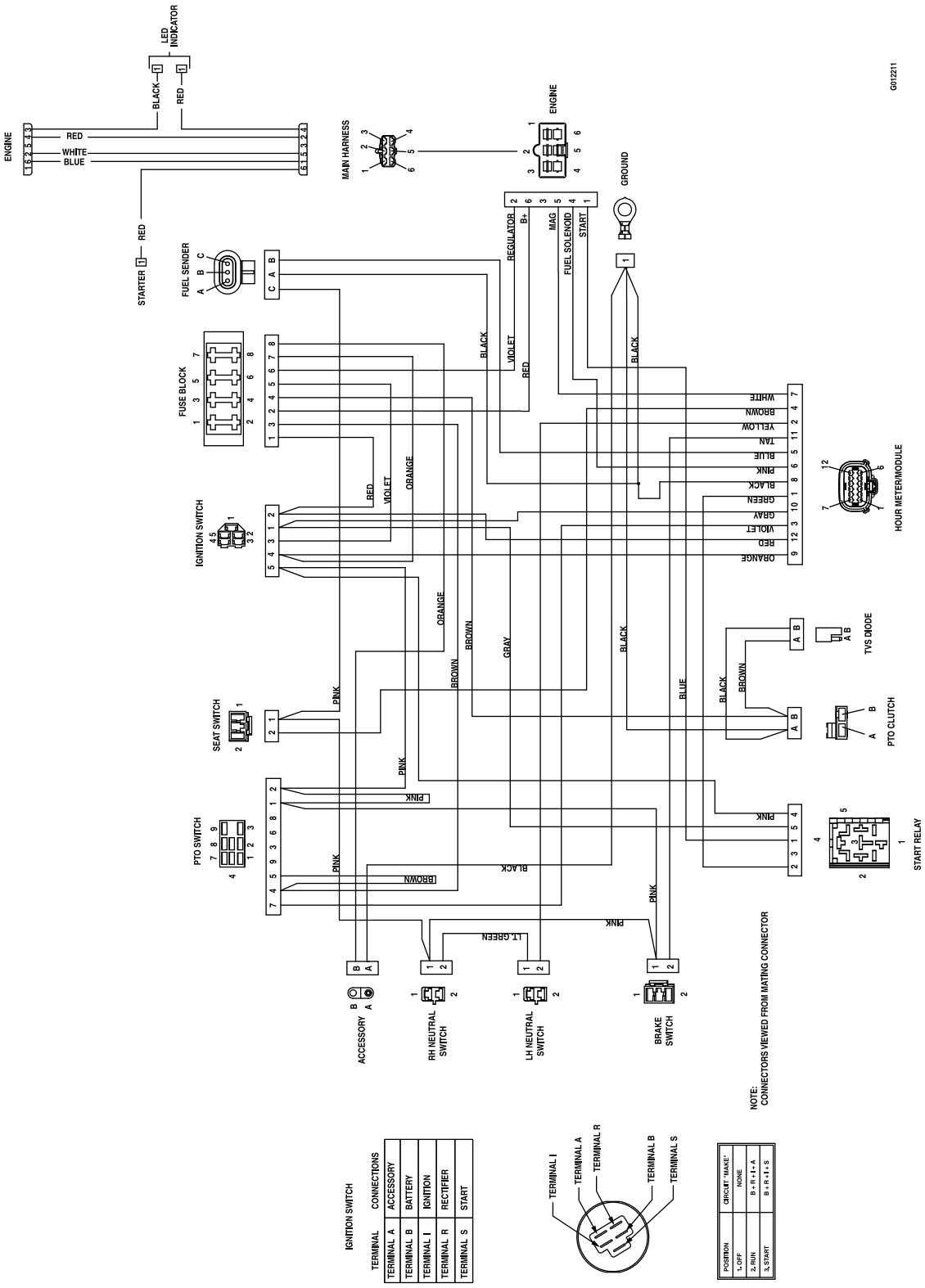
| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 16 | 1-633922 | Decal, Anti-Scalp | 1 |
| 17 | 109-9361 | Decal, Belt Routing | 1 |
| 18 | 116-0157 | Decal, Hydro Oil | 1 |
| 19 | 116-0165 | Decal, Wheel Hub | 2 |
| 20 | 116-2643 | Decal, Wheel Hub | 2 |
| 21 | 109-7330 | Decal, Fuse | 1 |
| 22 | 117-2718 | Decal, Spark Arrester | 1 |
| 23 | 116-1654 | Decal, Fuel Fill | 1 |
| 24 | 109-3148 | Decal, Bolt Torque | 1 |
| 25 | 109-9437 | Decal, UltraCut 48 Series 6 | 1 |
| 26 | 109-9438 | Decal, UltraCut 52 Series 6 | 1 |
| 27 | 103-2883 | Decal, Exmark Logo | 2 |
| 28 | 109-9439 | Decal, UltraCut 60 Series 6 | 1 |
| 29 | 109-9440 | Decal, UltraCut 72 Series 6 | 1 |
| 30 | 103-3113 | Decal, Lazer | 1 |

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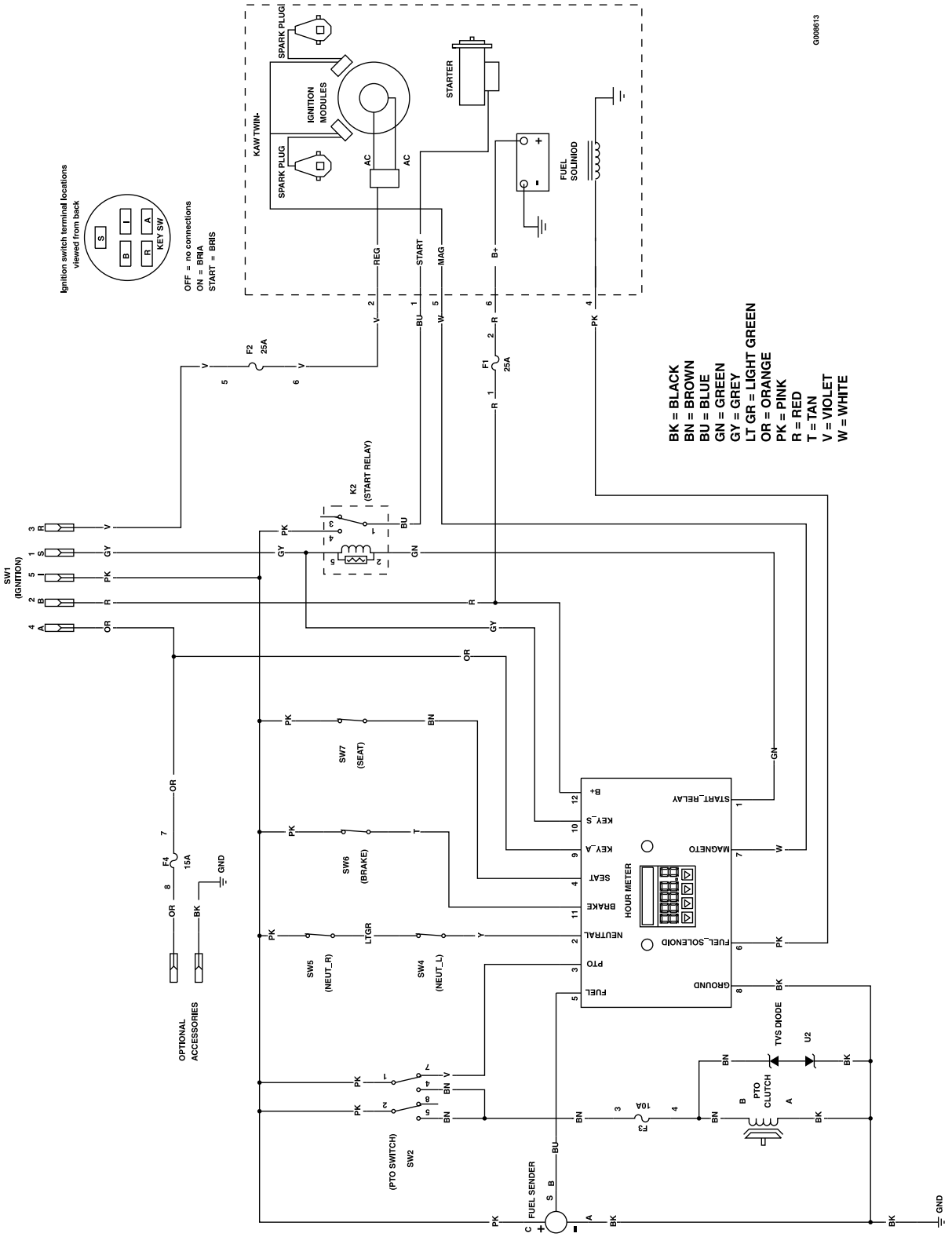
# ELECTRICAL DIAGRAM – ALL UNITS EXCEPT 29HP KOHLER EFI



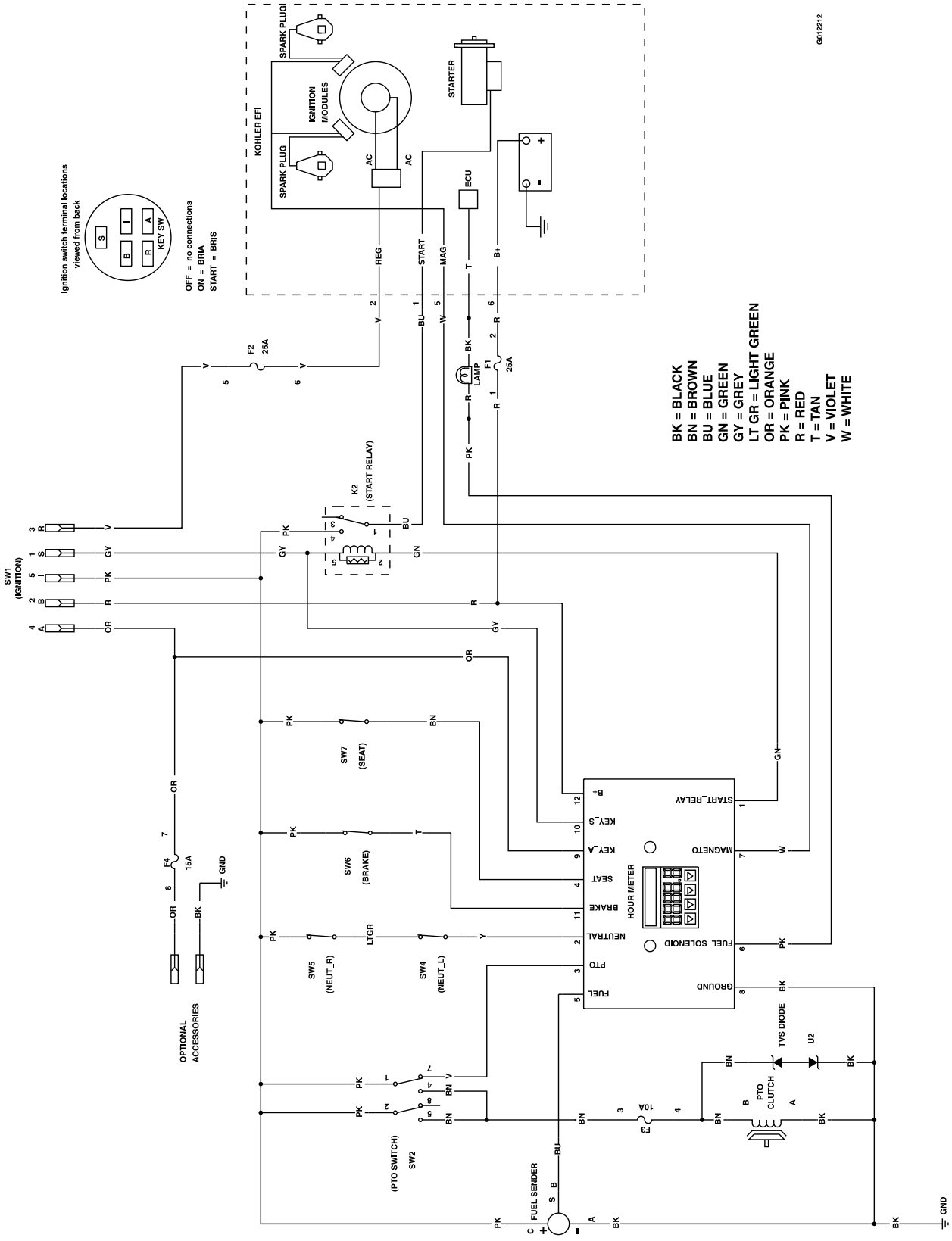
# ELECTRICAL DIAGRAM – 29HP KOHLER EFI



# ELECTRICAL LOGIC SCHEMATIC – ALL UNITS EXCEPT 29HP KOHLER EFI



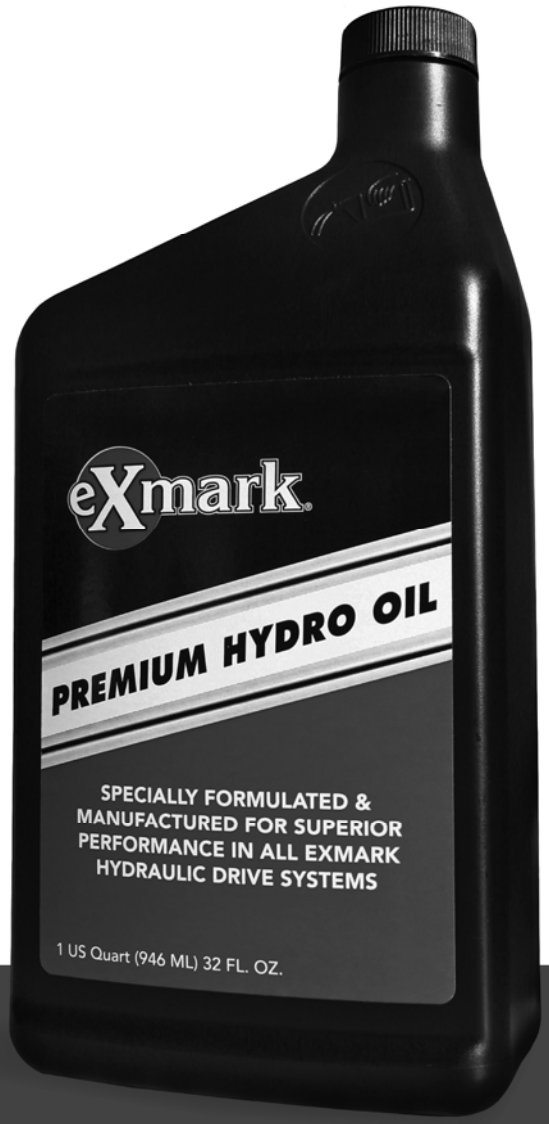
# ELECTRICAL LOGIC SCHEMATIC –29HP KOHLER EFI



# SERVICE RECORD

| Date | Description of Work Done | Service Done By |
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