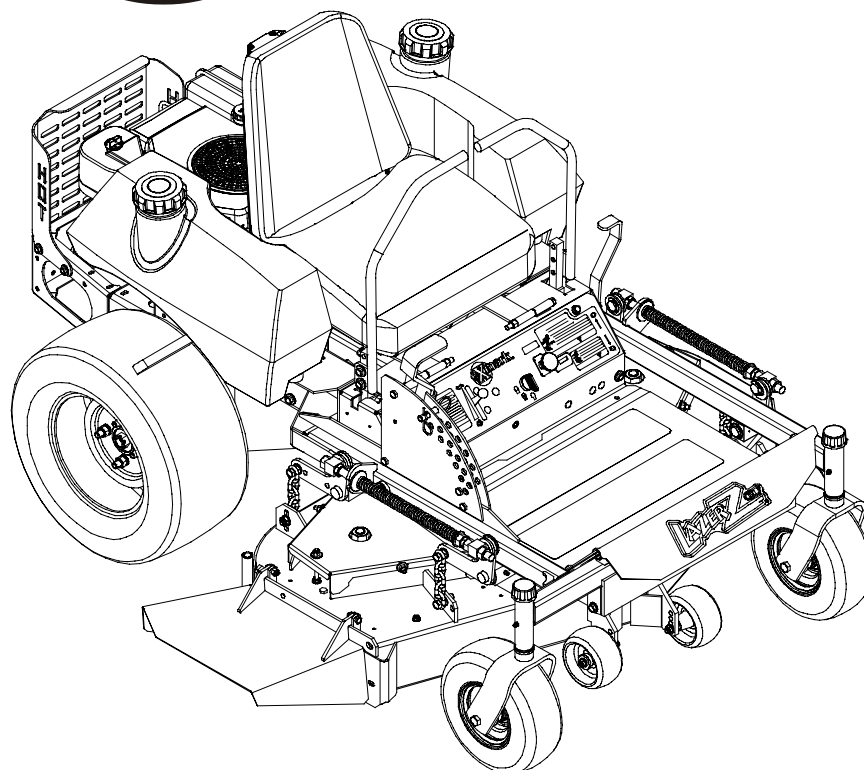


For Serial Nos.  
370,000 & Higher



PARTS MANUAL

# LAZER Z<sup>®</sup> CT

**CONGRATULATIONS** on the purchase of your new Exmark mower. This product has been carefully designed and manufactured to give you a maximum amount of dependability and years of trouble-free operation. If additional information is needed, or should you require trained mechanic service, contact your authorized Exmark equipment dealer or distributor. If you need to order replacement parts from your dealer, always give the model number and serial number of your mower as well as the part number, description and quantity of the part needed.

The Serial No. plate is located on the right side of the console. For ease of ordering and reference, we suggest that you record the information requested in the following identification table.

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

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

Engine Model No. and Spec. No. (Code) \_\_\_\_\_

Engine Serial No. (E/No) \_\_\_\_\_

Date Purchased \_\_\_\_\_

Part No. 103-4114

## EXMARK PARTS PLUS® PROGRAM

**EFFECTIVE DATE: September 1, 1995**

### Program

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!!

### ***How the Program Works***

1. If dealer does not have part in stock for a "down" unit at the time of request by customer, the dealer contacts his distributor by 1:00 p.m., local time, and requests Exmark Parts Plus® shipment of six (6) line items or less.
2. Distributor ships part(s) to dealer or customer, as requested by dealer, same day, overnight UPS. Distributor bills dealer for part and freight charges where applicable.
3. If distributor does not have the part(s) in stock to satisfy Exmark Parts Plus® order, he contacts Exmark by 3:00 p.m., central time, with an Exmark Parts Plus® order of six (6) line items or less.
4. If order is received by 3:00 p.m. central time, Exmark ships part(s) direct to dealer or customer, as requested by distributor, same day, overnight UPS. Exmark bills the distributor for parts and shipping charges, where applicable.
5. The customer pays for the part and freight if it is shipped under the Exmark Parts Plus® and if it arrives in accordance to the program.
6. Who pays for the part and freight if it fails to arrive overnight in accordance to the program?
  - A. Under any circumstance the customer does not pay.
  - B. If the part does not arrive overnight due to:
    1. The dealer not submitting the Exmark Parts Plus® order to his Exmark distributor by 1:00 p.m., the dealer pays for the part and freight.
    2. The Distributor being unable to ship the part the same day or not submitting the Exmark Parts Plus® order to Exmark by 3:00 p.m., central time, the Distributor pays for the part and freight.
    3. Exmark being unable to ship the part and the Exmark parts order is received by 3:00 p.m., central time, Exmark pays for the part and freight.
    4. If the part does not arrive overnight due to the shipper (UPS), the shipper pays for the freight and Exmark pays for the part.



**The following restrictions apply** -- The Exmark Parts Plus® Program is available only through participating Exmark Dealers and applies only to orders submitted on this program Monday through Thursday. Parts Plus service is available only in the contiguous 48 United States. UPS has initiated a Saturday delivery program to many areas of the continental United States and can be requested for an overnight shipment on Friday to be delivered Saturday. The next day air charge, plus the Saturday delivery fee will be the responsibility of the purchaser. Exmark Mfg. will assume no responsibility for Saturday delivery shipments. To qualify, all Exmark Parts Plus® orders must be received by Exmark by 3:00 p.m., central time. Orders must be six (6) line items or less. Exclusions from the Exmark Parts Plus® Program are: Any wholegood or accessory in its entirety, engines and engine replacement parts, 5-speed Peerless transmissions and 5-speed transaxles, hydraulic or hydrostatic wheel motors, cutter decks and engine decks or any item exceeding United Parcel Service size and weight restrictions.

Due to UPS restrictions, aerosol spray paint is considered a hazardous material and cannot be shipped via UPS next day or Second Day Air.

Exmark Manufacturing stocks a limited supply of parts for transaxles, pumps and wheel motors. These parts can be ordered for Next Day Air shipment but will not be guaranteed per the Parts Plus Program.



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

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## 44" and 48" DECK GROUP

| Ref. No. | Part No.    | Description                      | Qty. Req'd. | Ref. No. | Part No.    | Description                       | Qty. Req'd. |
|----------|-------------|----------------------------------|-------------|----------|-------------|-----------------------------------|-------------|
| 1        | 3296-29     | Nut, nyloc 5/16-18 .....         | 8           | 32       | 322-2       | Screw, 5/16-18 x 5/8.....         | 2           |
| 2        | 3256-3      | Washer, 5/16 std flat.....       | 6           | 33       | 99-2842     | Spacer .....                      | 3           |
| 3        | 103-2970-01 | Shield, belt.....                | 2           | 34       | 103-1026    | Screw, 5/8-11 x 1.....            | 3           |
| 4        | 32128-20    | Nut, whizlock 5/16-18 .....      | 4           | 35*      | 1-603299    | Roller, anti-scalp.....           | 3           |
| 5        | 1-800017    | Bolt, 5/16 x 3 1/4 tap.....      | 2           | 36       | 1-373034    | Washer, swivel .....              | 3           |
| 6        | 3290-357    | Nut, whizlock 3/8-16 .....       | 9           | 37       | 322-5       | Screw, 5/16-18 x 1.....           | 2           |
| 7        | 3256-24     | Washer, 3/8 SAE flat .....       | 2           | 38       | 1-402106-01 | Chute wldmt, discharge.....       | 1           |
| 8        | 1-613098    | Pulley, Idler .....              | 2           | 39       | 323-10      | Screw, 3/8-16 x 2.....            | 2           |
| 9        | 1-413113    | Bushing, Idler.....              | 2           | 40       | 63-8410     | Washer .....                      | 4           |
| 10       | 323-11      | Screw, 3/8-19 x 2 1/4 .....      | 1           | 41       | 103-2547    | .....                             | A           |
| 11       | 323-6       | Screw, 3/8-16 x 1.....           | 1           | 42       | 103-3207    | Cutter Housing Complete (48)..    | 3           |
| 12       | 98-5975     | Washer, disc spring 3/8.....     | 8           |          | 103-4666    | Cutter Housing Complete (44)..    | 3           |
| 13       | 1-653189    | Plate, Belt guide.....           | 1           | 43+      | 103-2788    | Spindle.....                      | 3           |
| 14       | 1-653190    | Spacer .....                     | 1           | 44       | 103-2535    | Spacer, Guard Bottom.....         | 3           |
| 15       | 1-413099    | Pulley, Idler .....              | 1           | 45       | 32120-8     | Ring, Snap .....                  | 3           |
| 16       | 1-413308    | Belt, deck drive (48") .....     | 1           | 46       | 1-522480-01 | Baffle, discharge.....            | 1           |
|          | 1-413093    | Belt, deck drive (44") .....     | 1           | 47+      | 103-2477    | .....                             | E           |
| 17       | 3296-39     | Nut, nyloc 3/8-16 .....          | 21          | 48       | 1-323532    | Housing, Bearing.....             | 3           |
| 18       | 1-809107    | Washer, 3/8 std flat.....        | 2           | 49▲      | 103-4668    | Deck complete service (44") ..... | 1           |
| 19       | 1-513034    | Bearing, pivot.....              | 2           |          | 103-4366    | Deck complete service (48") ..... | 1           |
| 20       | 103-3330    | Spring, extension .....          | 1           | 50       | 3217-46     | Nut, 3/4-16 heavy .....           | 3           |
| 21       | 321-1       | Screw, 1/4-20 x 3/8 (48").....   | 1           | 51       | 103-2802    | Washer, disc spring 3/4 .....     | 3           |
|          | 321-1       | Screw, 1/4-20 x 3/8 (44").....   | 2           | 52+      | 1-653099    | Sheave, blade drive (44").....    | 3           |
| 22       | 1-652192-01 | Idler arm wldmt.....             | 1           | +        | 1-413424    | Sheave, blade drive (48").....    | 3           |
|          | 1-654193    | Idler arm wldmt w/bushings.      | 1           | 53       | 323-7       | Screw, 3/8-16 x 1 1/4.....        | 18          |
| 23       | 1-603384    | Bushing, idler pivot .....       | 1           | 54+      | 103-1330    | Guard, bearing top.....           | 3           |
| 24       | 1-800811    | Screw, 7/16-14 x 1 1/2.....      | 8           | 55       | 103-2534    | Spacer, bearing .....             | 3           |
| 25       | 32128-37    | Nut, whizlock 7/16-14 .....      | 16          | 56       | 1-807268    | Key, machine .....                | 3           |
| 26       | 1-633447    | Chain, deck lift .....           | 4           | 57       | 1-513208    | Washer, disc spring 5/8.....      | 3           |
| 27       | 103-4382    | Deck wldmt (103-3846-01)         |             | 58       | 103-2529    | Blade, notched (44").....         | 3           |
|          |             | w/decals (48").....              | 1           |          | 103-2509    | Blade, low lift (44") .....       | 3           |
|          | 103-4667    | Deck wldmt (103-4148-01)         |             | □        | 103-2519    | Blade, mulching (44") .....       | 3           |
|          |             | w/decals (44") .....             | 1           |          | 103-1579    | Blade, solid (44").....           | 3           |
| 28       | 1-800805    | Screw, 3/8-16 x 3 1/2 Gr 8... 1  |             |          | 103-2527    | Blade, notched (48").....         | 3           |
| 29       | 323-13      | Screw, 3/8-16 x 2 3/4.....       | 2           |          | 103-2507    | Blade, low lift (48") .....       | 3           |
| 30       | 32128-33    | Nut, whizlock 1/4-20 (48") ..... | 1           | □        | 103-2517    | Blade, mulching (48") .....       | 3           |
|          | 32128-33    | Nut, whizlock 1/4-20 (44") ..... | 2           |          | 103-1577    | Blade, solid (48").....           | 3           |
| 31       | 103-3900    | Spacer, Strut.....               | 4           |          |             |                                   |             |

Exmark red touch up spray paint – P/N 1-850337

- Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK443(44"), MK483(48")
- ✚ Apply Mobil HTS grease (or a food-grade anti-sieze) between the spindles & bearings and spindles & sheaves and under top bearing guard. DO NOT use a copper or nickel based anti-sieze.
- \* Kit 103-4051 includes antiscalp roller, bushing, and mounting hardware.
- ◆ Complete cutter housings also include items 58 & 34.
- ▲ Struts are not included in complete service deck, item 49



## FRONT FRAME GROUP

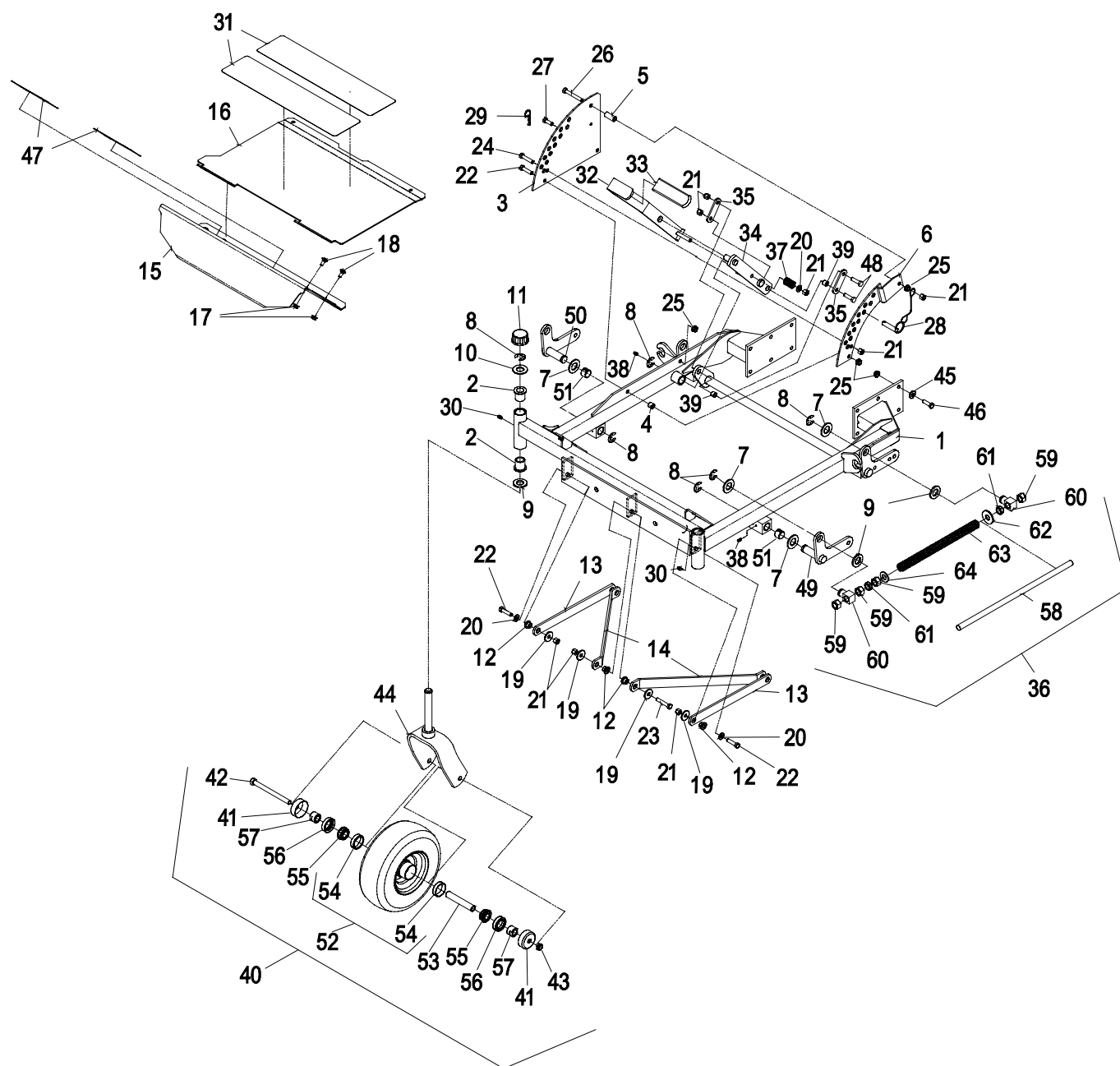
| Ref No. | Part Number | Description                                             | Qty | Ref No. | Part Number | Description                      | Qty |
|---------|-------------|---------------------------------------------------------|-----|---------|-------------|----------------------------------|-----|
| 1*      | 103-4338-01 | Asm, Front Frame .....                                  | 1   | 32      | 103-2081    | Asm, Lift Lever w/ Grip.....     | 1   |
| 2       | 1-303514    | Bearing, Flanged.....                                   | 4   | 33      | 1-633295    | Grip, Lift Lever .....           | 1   |
| 3       | 1-653230-01 | Plate, Lift Deck.....                                   | 1   | 34      | 103-3718-03 | Wld, Deck Lift Arm .....         | 1   |
| 4       | 1-413088    | Bushing, Lift Lever .....                               | 1   | 35      | 1-633068    | Arm, Deck Lift .....             | 2   |
| 5       | 1-633082    | Bushing, Lift Lever .....                               | 1   | 36      | 103-1987    | Asm, Front spring .....          | 2   |
| 6       | 1-652235-01 | Plate, Deck Lift.....                                   | 1   | 37      | 1-633325    | Spring-Compression .....         | 1   |
| 7       | 3256-29     | Washer, Flat .....                                      | 6   | 38      | 302-19      | Fitting, Grease 1/4-28x.51 ..... | 5   |
| 8       | 32151-103   | Ring, Snap .....                                        | 9   | 39      | 103-1918    | Bushing.....                     | 2   |
| 9       | 1-513338    | Washer, Flat .....                                      | 6   | 40      | 103-3800    | Asm, Wheel & Brgs 11x4-5.....    | 2   |
| 10      | 104-8076    | Washer .....                                            | 2   | 41      | 103-2768    | Guard, Seal.....                 | 4   |
| 11      | 61-9780     | Cap, Hub.....                                           | 2   | 42      | 325-20      | Screw, Hex 1/2-13 x 6 .....      | 2   |
| 12      | 103-3900    | Spacer, Strut.....                                      | 4   | 43      | 3296-45     | Nut, Nyloc 1/2-13 .....          | 2   |
| 13      | 103-3898-01 | Flat, Strut .....                                       | 2   | 44      | 103-3904-01 | Wld, Caster Fork.....            | 2   |
| 14      | 103-3899-01 | Flat, Strut Angle.....                                  | 2   | 45      | 98-5975     | Washer, Belleville .....         | 12  |
| 15      | 103-4135-01 | Asm, Floorpan (103-4033-01) ...<br>w/decals & pads..... | 1   | 46      | 323-7       | Screw, Hex 3/8-16 x 1 1/4.....   | 12  |
| 16      | 103-4316    | Asm, Floorpan (103-4034-01)<br>w/decals & pads.....     | 1   | 47      | 106-6572    | Pad, Anti Skid .....             | 2   |
| 17      | 32128-20    | Nut, Whizlock 5/16-18 .....                             | 4   | 48      | 323-29      | Screw, Hex 3/8-16 x1 3/8 .....   | 2   |
| 18      | 3230-1      | Bolt, Carriage 5/16-18 x 3/4 .....                      | 4   | 49      | 103-3902-01 | Wld, Shaft LH.....               | 1   |
| 19      | 63-8410     | Washer .....                                            | 4   | 50      | 103-3903-01 | Wld, Shaft Rh.....               | 1   |
| 20      | 3256-24     | Washer, Flat .....                                      | 3   | 51      | 103-1982    | Bushing, Spring .....            | 4   |
| 21      | 3296-39     | Nut, Nyloc 3/8-16 .....                                 | 8   | 52      | 103-3151    | Asm, Wheel & Tire 11x4-5.....    | 2   |
| 22      | 323-8       | Screw, Hex 3/8-16 x 1 1/2 .....                         | 3   | 53      | 103-3157    | Axle, Caster .....               | 2   |
| 23      | 323-10      | Screw, Hex 3/8-16 x 2 .....                             | 1   | 54      | 1-543508    | Bearing, Cup Tapered Roller .... | 4   |
| 24      | 323-9       | Screw, Hex 3/8-16 x 1 3/4.....                          | 1   | 55      | 1-633585    | Bearing, Cone Tapered Roller ..  | 4   |
| 25      | 3290-357    | Nut, Whizlock 3/8-16 .....                              | 15  | 56      | 103-0063    | Seal, Caster.....                | 4   |
| 26      | 323-13      | Screw, Hex 3/8-16 x 2 3/4 .....                         | 1   | 57+     | 103-3051    | Spacer, Nut.....                 | 4   |
| 27      | 323-6       | Screw, Hex 3/8-16 x 1 .....                             | 1   | 58      | 1-653011    | Rod, Deck Lift .....             | 2   |
| 28      | 1-633097    | Pin, Hitch w/lanyard .....                              | 1   | 59      | 3217-11     | Nut, Hex 5/8-11.....             | 8   |
| 29      | 1-806005    | Hairpin, Cotter (Service Only) ...                      | 1   | 60      | 1-633441    | Swivel, Deck Mount Rear.....     | 4   |
| 30      | 302-5       | Fitting, Grease 1/4-28 x .55 .....                      | 2   | 61      | 3218-6      | Nut, Jam 5/8-11 .....            | 4   |
| 31      | 1-633553    | Pad, Antiskid.....                                      | 2   | 62      | 1-805517    | Washer, Flat 5/8 .....           | 2   |
|         |             |                                                         |     | 63      | 1-653009    | Spring, Compression .....        | 2   |
|         |             |                                                         |     | 64      | 3256-27     | Washer, Flat .....               | 2   |

Exmark red touch up spray paint – P/N 1-850337

\* Includes frame weldment plus items 49, 50. Does not include grease fittings items 30.

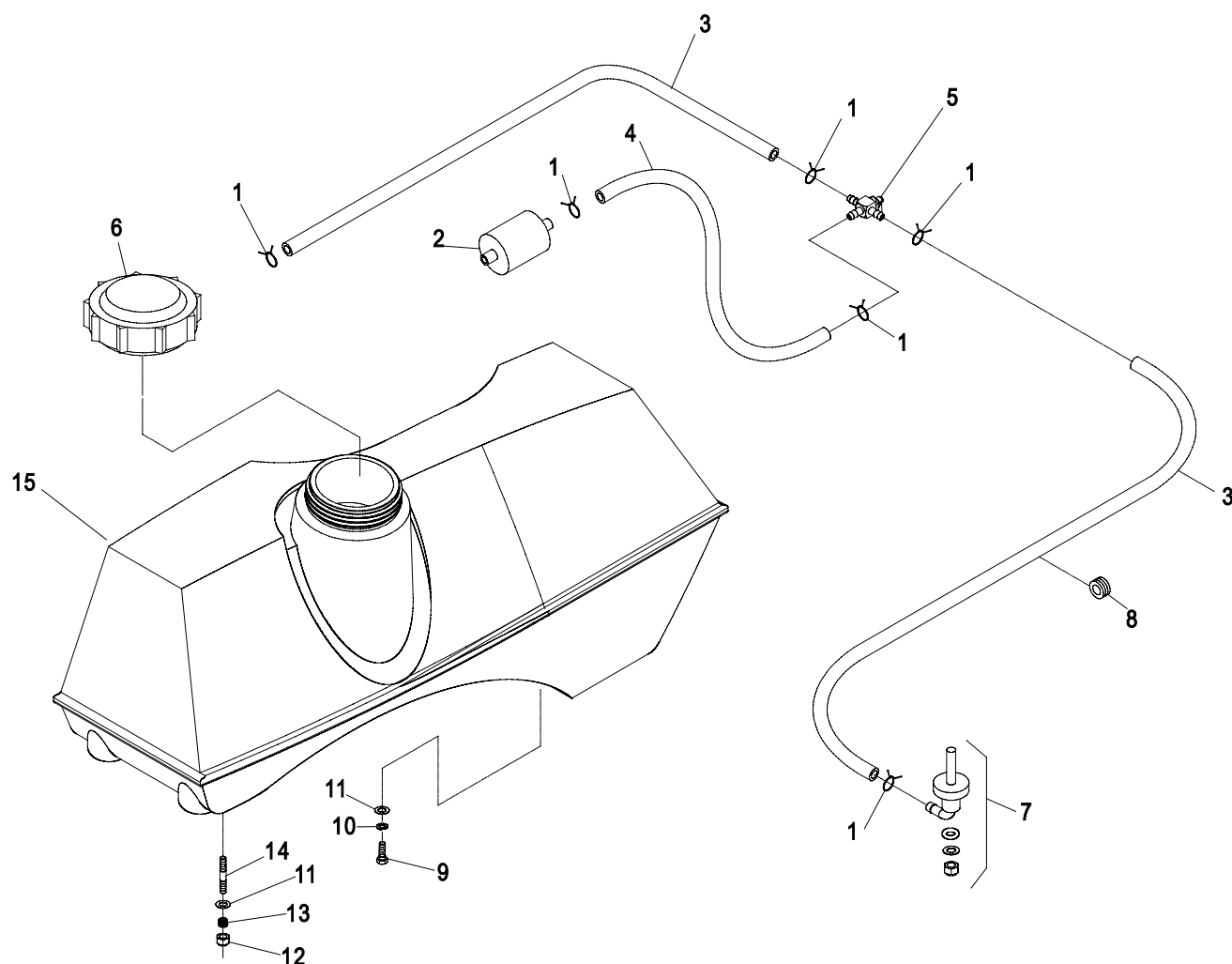
+ Use Pro-Lock, Nut Type (P/N 840022, .5ml tube) on spacer nut item 57.

## FRONT FRAME GROUP





## FUEL GROUP



| Ref. No. | Part No.      | Description                        | Qty. Req'd. | Ref. No. | Part No. | Description               | Qty. Req'd. |
|----------|---------------|------------------------------------|-------------|----------|----------|---------------------------|-------------|
| 1        | 1-303077      | Clamp, fuel line .....             | 6           | 9        | 322-3    | Screw, 5/16-18 x 3/4..... | 4           |
| 2♦       | <b>Kohler</b> | Part No. 2405002 Fuel filter ..... | 1           | 10       | 1-805005 | Washer, lock 5/16.....    | 4           |
| 3        | 1-543526      | Fuel line.....                     | 2           | 11       | 3256-23  | Washer, 5/16 SAE.....     | 8           |
| 4        | 103-4250      | Fuel line.....                     | 1           | 12       | 3296-47  | Nut, nyloc 5/16-18 .....  | 4           |
| 5        | 1-633347      | Valve, fuel .....                  | 1           | 13       | 1-633349 | Spring, fuel tank .....   | 4           |
| 6        | 103-2107      | Cap, fuel tank.....                | 2           | 14♦      | 1-633023 | Stud, fuel tank .....     | 4           |
| 7▼       | 103-2605      | Fitting, fuel bulkhead w/strainer  | 2           | 15*★     | 103-2122 | Asm, tank fuel (LH).....  | 1           |
|          | 103-2784      | O-ring .....                       | 2           | ★        | 103-2123 | Asm, tank fuel (RH) ..... | 1           |
| 8        | 1-543296      | Grommet, fuel line .....           | 2           |          |          |                           |             |

\* Not Illustrated

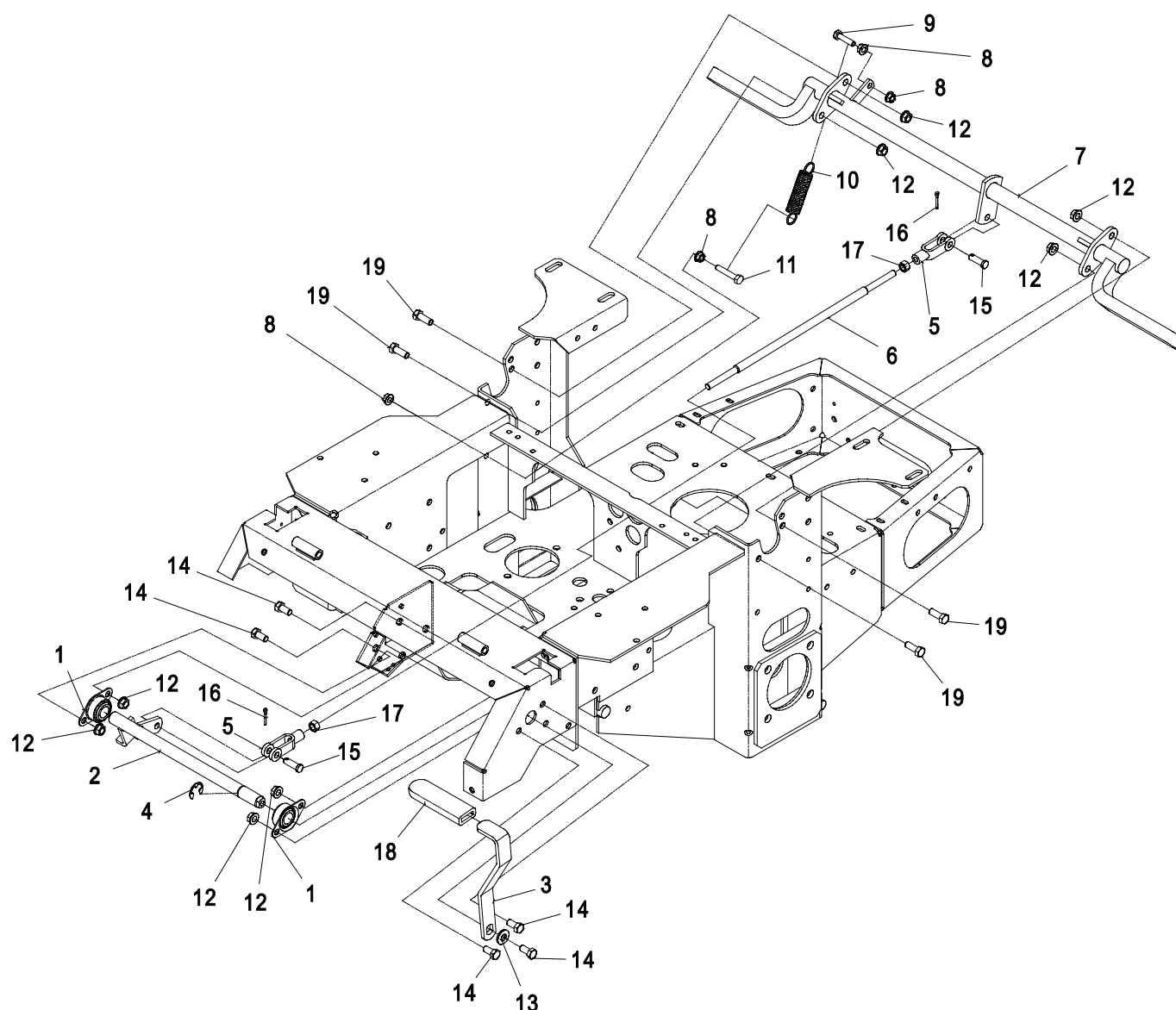
♦ Use Pro-Lock, Retaining Type (P/N 840023, .5ml tube) on stud threads going into tank.

◆ Refer to Engine Owner's Manual (Fuel filter **Must** be 15 Micron or smaller).

★ Includes tank, cap, fitting, and studs.

▼ Use Pro-Lock, Nut Type (P/N 840022, .5ml tube) on fuel fitting.

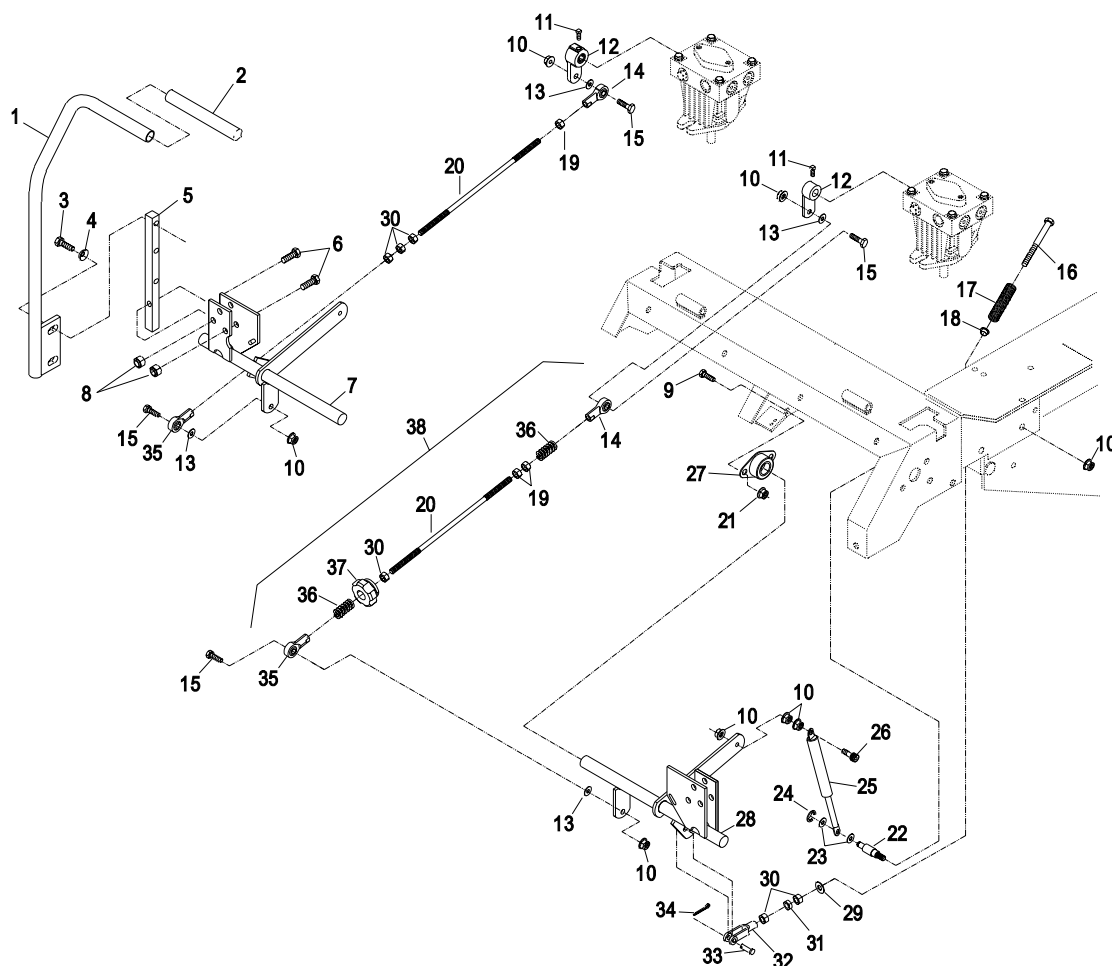
## PARK BRAKE GROUP



| Ref. No. | Part No.    | Description                                      | Qty. Req'd. | Ref. No. | Part No. | Description                    | Qty. Req'd. |
|----------|-------------|--------------------------------------------------|-------------|----------|----------|--------------------------------|-------------|
| 1        | 1-633102    | Bearing, Side Flange .....                       | 2           | 10       | 1-323161 | Spring, Idler .....            | 1           |
| 2        | 103-3116    | Shaft, Park Brake.....                           | 1           | 11       | 322-9    | Screw, Hex 5/16-18 x 1 3/4 ... | 1           |
| 3        | 103-4630    | Handle, Park brake<br>(1-653074-03) w/grip ..... | 1           | 12       | 3290-357 | Nut, Whizlock 3/8-16 .....     | 8           |
| 4        | 32151-48    | E-ring .....                                     | 1           | 13       | 98-5975  | Washer, Belleville .....       | 1           |
| 5        | 1-633131    | Yoke, Brake Linkage.....                         | 2           | 14       | 323-4    | Screw, Hex 3/8-16 x 3/4 .....  | 5           |
| 6        | 103-3907    | Linkage, Brake Handle .....                      | 1           | 15       | 1-808285 | Pin, Clevis 3/8 x 1 1/8.....   | 2           |
| 7        | 103-3960-03 | Wld, Brake .....                                 | 1           | 16       | 3272-10  | Pin, Cotter 1/8 x 3/4.....     | 2           |
| 8        | 32128-20    | Nut, Whizlock 5/16-18 .....                      | 4           | 17       | 3219-3   | Nut, Hex 3/8-24 .....          | 2           |
| 9        | 322-6       | Screw, Hex 5/16-18 x 1 1/4 ...                   | 1           | 18       | 1-633268 | Grip, Brake Lever .....        | 1           |
|          |             |                                                  |             | 19       | 323-6    | Screw, Hex 3/8-16 x 1 .....    | 4           |

Exmark black touch up spray paint – gloss black

## MOTION CONTROL GROUP



| Ref. No. | Part No. | Description                     | Qty. Req'd. | Ref. No. | Part No. | Description                     | Qty. Req'd. |
|----------|----------|---------------------------------|-------------|----------|----------|---------------------------------|-------------|
| 1        | 103-0632 | Handle 103-0410-03 w/grip (RH)  | 1           | 20       | 103-3066 | Link, pump control .....        | 2           |
| *        | 103-0631 | Handle 103-0409-03 w/grip (LH)  | 1           | 21       | 3290-357 | Nut, whizlock 3/8-16 .....      | 8           |
| 2        | 1-633257 | Grip, motion cntrl handle ..... | 2           | 22       | 103-4101 | Pin, Damper Anchor .....        | 2           |
| 3        | 323-6    | Screw, 3/8-16 x 1 .....         | 4           | 23       | 3256-23  | Washer, 5/16 SAE .....          | 4           |
| 4        | 98-5975  | Washer, disc spring 3/8.....    | 4           | 24       | 32120-35 | E-ring .....                    | 2           |
| 5        | 103-0407 | Arm, control shaft .....        | 2           | 25       | 103-4079 | Damper .....                    | 2           |
| 6        | 323-9    | Screw, 3/8-16 x 1 3/4 .....     | 6           | 26       | 1-403180 | Screw, 5/16-18x1¼ special ..    | 4           |
| 7        | 103-2200 | Bracket, motion cntrl (RH)..... | 1           | 27       | 1-633102 | Bearing, flanged .....          | 4           |
| 8        | 3296-39  | Nut, nyloc 3/8-16 .....         | 6           | 28       | 103-2199 | Bracket, motion control(LH) ... | 1           |
| 9        | 323-4    | Screw, 3/8-16 x 3/4 .....       | 8           | 29       | 3256-2   | Washer, 1/4 .....               | 2           |
| 10       | 32128-20 | Nut, whizlock 5/16-18 .....     | 12          | 30       | 3219-2   | Nut, 5/16-24.....               | 8           |
| 11♦      | 1-803022 | Setscrew, 5/16 x 5/8.....       | 2           | 31       | 3220-2   | Nut, jam 5/16-24 .....          | 2           |
| 12       | 103-3717 | Arm, pump control .....         | 2           | 32       | 1-303105 | Yoke.....                       | 2           |
| 13       | 3256-3   | Washer, 5/16 std .....          | 4           | 33       | 1-808280 | Pin, clevis 5/16 x 1.....       | 2           |
| 14       | 1-633152 | Ball joint (LH) .....           | 2           | 34       | 3272-5   | Pin, cotter 3/32 x 1/2.....     | 2           |
| 15       | 322-6    | Screw, 5/16-18 x 1 1/4.....     | 4           | 35       | 1-543017 | Ball joint (RH) .....           | 2           |
| 16       | 1-603737 | Bolt, (neutral return) .....    | 2           | 36       | 1-323245 | Spring, compression.....        | 2           |
| 17       | 1-603807 | Spring, (neutral return) .....  | 2           | 37       | 103-3060 | Knob, tracking.....             | 1           |
| 18       | 1-603735 | Bushing, nylon(revrse ind.) ... | 2           | 38       | 103-3063 | Asm, tracking.....              | 1           |
| 19       | 1-804524 | Nut, 5/16-24 (LH).....          | 3           |          |          |                                 |             |

Exmark black touch up spray paint – gloss black

\* Not Illustrated

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

## HYDRAULIC GROUP

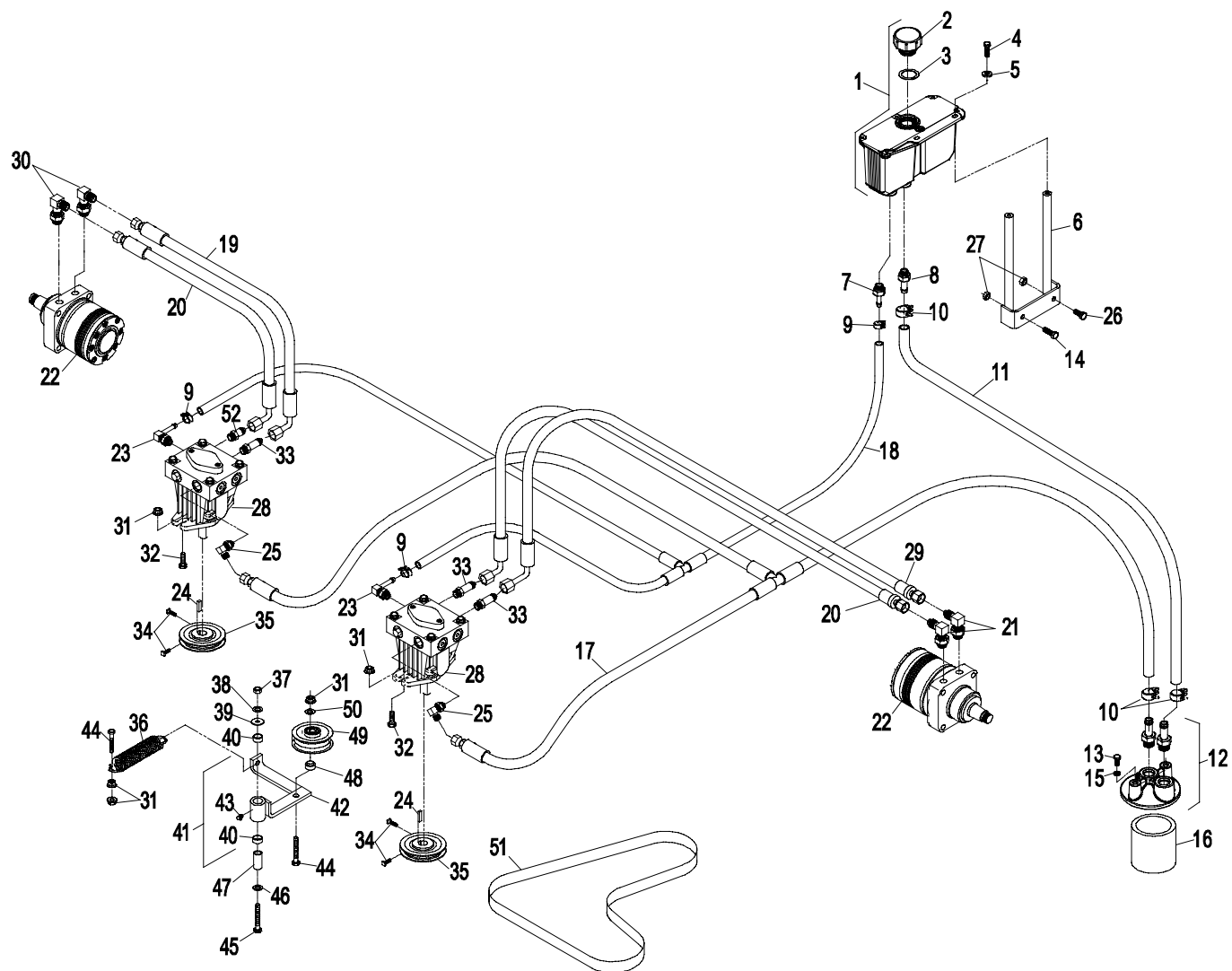
| Ref. No. | Part No.    | Description                        | Qty. Req'd. | Ref. No. | Part No.    | Description                       | Qty. Req'd. |
|----------|-------------|------------------------------------|-------------|----------|-------------|-----------------------------------|-------------|
| 1        | 103-1947    | Asm, reservoir w/ decal .....      | 1           | 27       | 32128-20    | Nut, 5/16-18 whizlock .....       | 2           |
| 2        | 103-1948    | Cap, hydraulic reservoir .....     | 1           | 28       | 103-4040    | Pump, hydro .....                 | 2           |
| 3        | 103-1949    | Gasket, reservoir cap .....        | 1           |          | 103-2664    | Kit, Input shaft 10A .....        | 1           |
| 4        | 321-6       | Screw, 1/4-20 x 1.0 .....          | 2           |          | 94-6922     | Kit, Thrust bearing 10A .....     | 1           |
| 5        | 3256-22     | Washer, flat SAE 1/4 .....         | 2           |          | 103-2666    | Kit, Cylinder block 10A .....     | 1           |
| 6        | 103-3071-03 | Wld, reservoir stand .....         | 1           |          | 105-6184    | Kit, Overhaul seal .....          | 1           |
| 7        | 103-1801    | Adapter, straight .....            | 1           |          | 103-4237    | Kit, Shock Valve 2300PSI .....    | 1           |
|          | 1-603921    | Boss O-ring .....                  | 1           | 29       | 103-4022    | Hose, LH rear .....               | 2           |
| 8        | 103-1912    | Adapter, straight .....            | 1           | 30       | 1-633786    | Elbow, 90° (RH wheel motor) ..... | 2           |
|          | 1-603921    | Boss O-ring .....                  | 1           |          | 1-603919    | Boss O-ring .....                 | 1           |
| 9        | 103-1716    | Clamp, hose (17/32) .....          | 3           |          | 1-603992    | Flare O-ring .....                | 1           |
| 10       | 103-1988    | Clamp, hose (11/16) .....          | 3           | 31       | 3290-357    | Nut, whizlock 3/8-16 .....        | 7           |
| 11       | 103-3077    | Asm, supply hose .....             | 1           | 32       | 323-7       | Screw, 3/8-16 x 1 1/4 .....       | 4           |
| 12       | 103-2889    | Asm, filter head .....             | 1           | 33       | 103-1940    | Adapter, straight long .....      | 3           |
|          | 103-1912    | Adapter, straight .....            | 2           |          | 1-603920    | Boss O-ring .....                 | 1           |
|          | 1-603921    | O-ring .....                       | 1           |          | 1-603992    | Flare O-ring .....                | 1           |
| 13       | 321-3       | Screw, 1/4-20 x 5/8 .....          | 2           | 34◇      | 1-803050    | Setscrew, .312-18 x .75 .....     | 4           |
| 14       | 322-5       | Screw, 5/16-18 x 1 .....           | 1           | 35       | 1-653156    | Sheave, pump drive 44" & 48" ...  | 2           |
| 15       | 1-805004    | Lockwasher .....                   | 2           | 36       | 103-1767    | Spring, extension .....           | 1           |
| 16       | 1-513211    | Element, oil filter .....          | 1           | 37       | 3296-39     | Nut, nyloc 3/8-16 .....           | 1           |
| ▽        | 1-523541    | Element, oil filter (winter) ..... | 1           | 38       | 98-5975     | Washer, disc spring .....         | 1           |
| 17       | 103-2930    | Asm, charge hose .....             | 1           | 39       | 63-8410     | Washer, 7 Ga. x 1 1/4 O.D. ....   | 1           |
| 18       | 103-2357    | Asm, case drain hose .....         | 1           | 40       | 1-513034    | Bearing .....                     | 2           |
| 19       | 103-4021    | Hose, RH rear .....                | 1           | 41       | 1-654143    | Arm, idler w/ bearings .....      | 1           |
| 20       | 1-653187    | Hose, RH front .....               | 1           | 42       | 1-652142-03 | Idler arm weldment .....          | 1           |
| 21       | 1-633605    | Elbow, 90° (LH wheel motor) ...    | 2           | 43       | 302-40      | Zerk, 90° 1/4-28 .....            | 1           |
|          | 1-603919    | Boss O-ring .....                  | 1           | 44       | 323-9       | Screw, 3/8-16 x 1 3/4 .....       | 2           |
|          | 1-603992    | Flare O-ring .....                 | 1           | 45       | 323-13      | Screw, 3/8-16 x 2 3/4 .....       | 1           |
| 22       | 103-4008    | Wheel motor .....                  | 2           | 46       | 3256-4      | Washer, 3/8 std flat .....        | 1           |
|          | 1-000138    | Kit, bearing .....                 | 1           | 47       | 1-603044    | Bushing, idler pivot .....        | 1           |
|          | 1-000119    | Kit, seal .....                    | 1           | 48       | 1-603496    | Bushing, idler .....              | 1           |
| 23       | 103-1799    | Elbow, 90° .....                   | 2           | 49       | 1-603843    | Pulley, idler .....               | 1           |
|          | 1-603921    | Boss O-ring .....                  | 1           | 50       | 3256-24     | Washer, 3/8 SAE flat .....        | 1           |
| 24       | 1-807272    | Key 5 x 5 x 25mm .....             | 2           | 51       | 1-653163    | Belt, pump .....                  | 1           |
| 25       | 103-1802    | Elbow, 90° .....                   | 2           | 52       | 103-4020    | Adapter, straight .....           | 1           |
|          | 1-603921    | Boss O-ring .....                  | 1           |          | 1-603920    | Boss O-ring .....                 | 1           |
| 26       | 322-3       | Screw, 5/16-18 x .75 .....         | 1           |          | 1-603992    | Flare O-ring .....                | 1           |

Exmark red touch up spray paint – P/N 1-850337

▽ Use only for operation below 32°F (0°C)

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

## HYDRAULIC GROUP

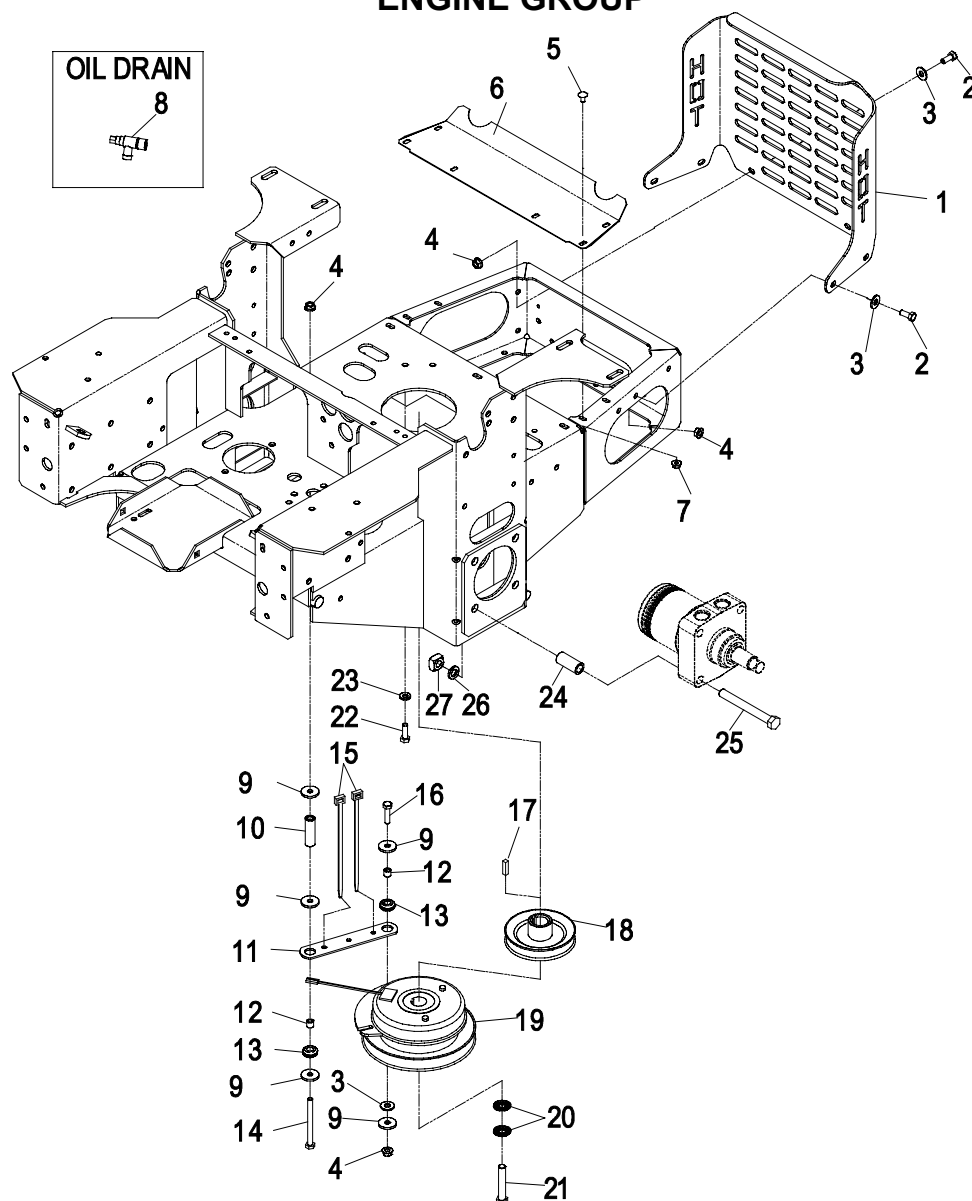


## DECAL GROUP

| Ref.<br>No. | Part No. | Description                 | Qty.<br>Req'd. | Ref.<br>No. | Part No. | Description                 | Qty.<br>Req'd. |
|-------------|----------|-----------------------------|----------------|-------------|----------|-----------------------------|----------------|
| 1           | 103-3995 | Decal, Console .....        | 1              | 14          | 1-303520 | Decal, Trivantage.....      | 1              |
| 2           | 106-6571 | Decal, Danger Slope .....   | 1              | 15          | 1-523417 | Decal, Commercial 44 .....  | 1              |
| 3           | 1-523552 | Decal, Hyd Tank/Hot Surface | 1              | 16          | 1-403131 | Decal, Commercial 48 .....  | 1              |
| 4           | 103-2644 | Decal, Exhaust system ..... | 1              | 17          | 103-4112 | Decal, LCT Model.....       | 1              |
| 5           | 103-1077 | Decal, Bolt Torque .....    | 1              | 18          | 1-643401 | Decal, Mercury Switch ..... | 1              |
| 6           | 1-513742 | Decal, No Step.....         | 2              | 19          | 103-4337 | Decal, Check Service .....  | 1              |
| 7           | 1-633922 | Decal, Anti-Scalp .....     | 1              | 20          | 98-5954  | Decal, Missing Cover .....  | 2              |
| 8           | 1-513748 | Decal, Guard.....           | 1              | 21          | 1-653140 | Decal, Deck Height .....    | 1              |
| 9           | 1-653147 | Decal, Deck Height.....     | 1              | 22          | 103-2882 | Decal, Exmark Logo .....    | 1              |
| 10          | 1-513746 | Decal, Muffler.....         | 1              | 23          | 103-0262 | Decal, Fuel Valve .....     | 1              |
| 11          | 1-653477 | Decal, Belt Routing .....   | 1              | 24          | 103-1997 | Decal, Top Console .....    | 1              |
| 12          | 1-303508 | Decal, Discharge Warning... | 1              |             | 103-4381 | Decal Kit .....             | 1              |
| 13          | 1-403005 | Decal, Danger .....         | 2              |             |          |                             |                |



## ENGINE GROUP

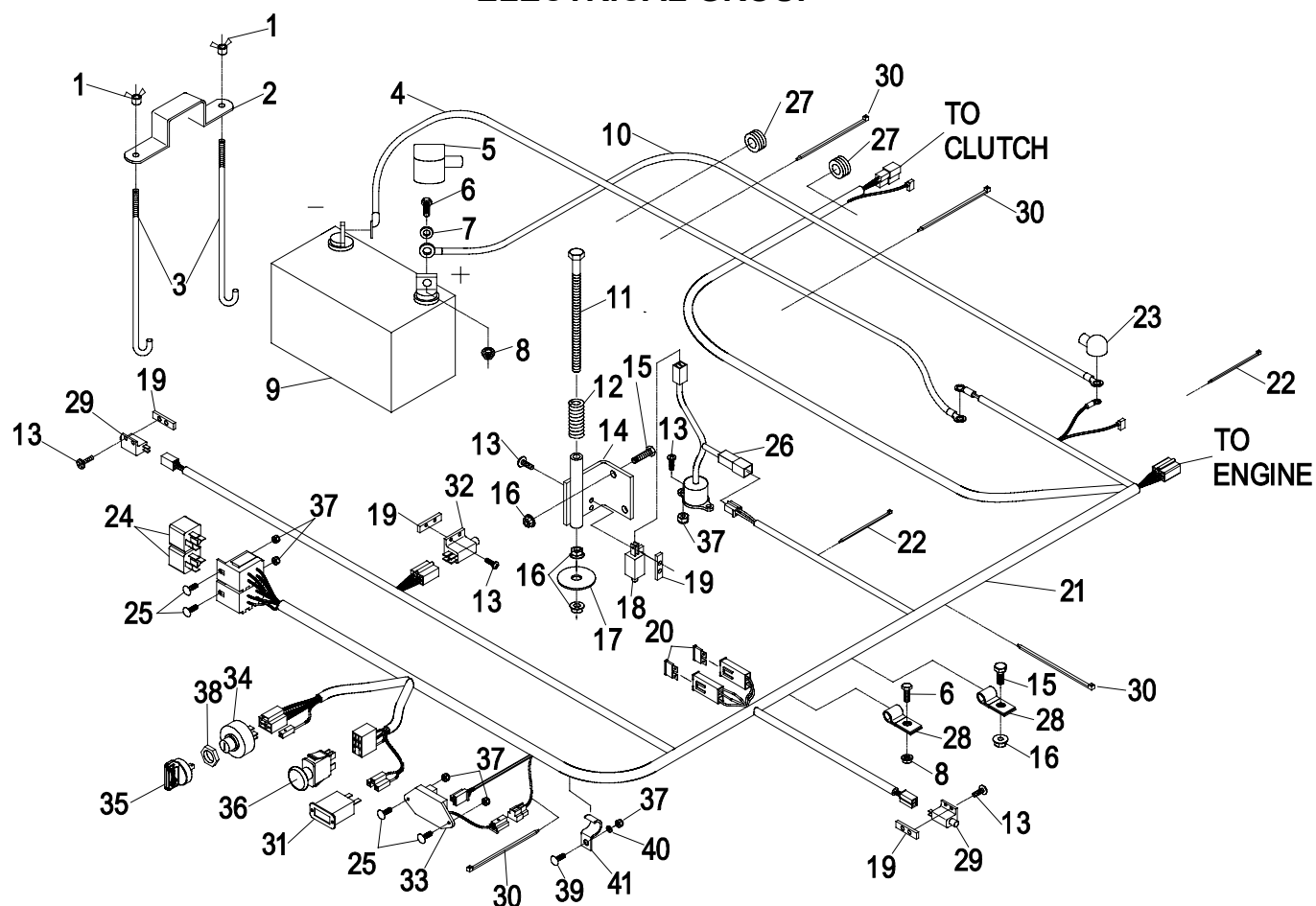


| Ref. No. | Part No.    | Description                      | Qty. Req'd. | Ref. No. | Part No.  | Description                   | Qty. Req'd. |
|----------|-------------|----------------------------------|-------------|----------|-----------|-------------------------------|-------------|
| 1        | 103-4048-03 | Bumper, rear.....                | 1           | 15       | 1-303335  | Plastic tie (large).....      | 2           |
| 2        | 322-3       | Screw, Hex 5/16-18 x 3/4 .....   | 6           | 16       | 322-6     | Screw, 5/16 NC x 1 1/4 .....  | 1           |
| 3        | 3256-3      | Washer, Flat 5/16.....           | 7           | 17       | 1-807259  | Key .....                     | 1           |
| 4        | 32128-20    | Nut, Whizlock 5/16-18.....       | 8           | 18       | 1-653035  | Sheave, pump drive .....      | 1           |
| 5        | 3229-10     | Screw, Carraige 1/4-20 x 1/2 ... | 4           | 19       | 104-3624  | Clutch .....                  | 1           |
| 6        | 103-2740-03 | Deflector, Short.....            | 1           | 20       | 1-603610  | Washer, disc spring 7/16..... | 2           |
| 7        | 32128-33    | Nut, Whizlock 1/4-20.....        | 4           | 21◆      | 3212-10   | Screw, 7/16-20 x 2 1/2 .....  | 1           |
| 8▽       | 103-1965    | Valve, Oil Drain .....           | 1           | 22       | 33114-025 | Screw, Hex M8-1.25 x 25 ..... | 4           |
| 9        | 1-613235    | Washer.....                      | 5           | 23       | 1-303334  | Washer, spring disc.....      | 4           |
| 10       | 103-2614    | Spacer.....                      | 1           | 24       | 103-4042  | Spacer .....                  | 8           |
| 11       | 1-633543-03 | Strap, clutch/brake.....         | 1           | 25       | 325-18    | Screw, 1/2 13 x 4-1/2 .....   | 8           |
| 12       | 1-633545    | Spacer, grommet .....            | 2           | 26       | 3253-7    | Washer, lock 1/2.....         | 8           |
| 13       | 1-633630    | Grommet.....                     | 2           | 27       | 103-0131  | Nut, square 1/2-13 .....      | 8           |
| 14       | 322-22      | Screw, 5/16-18 x 3 1/2 .....     | 1           |          |           |                               |             |

▽ Use a Teflon Pipe Sealant or equivalent on threads of drain valve.

◆ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on clutch bolt.  
Exmark black touch up spray paint – gloss black

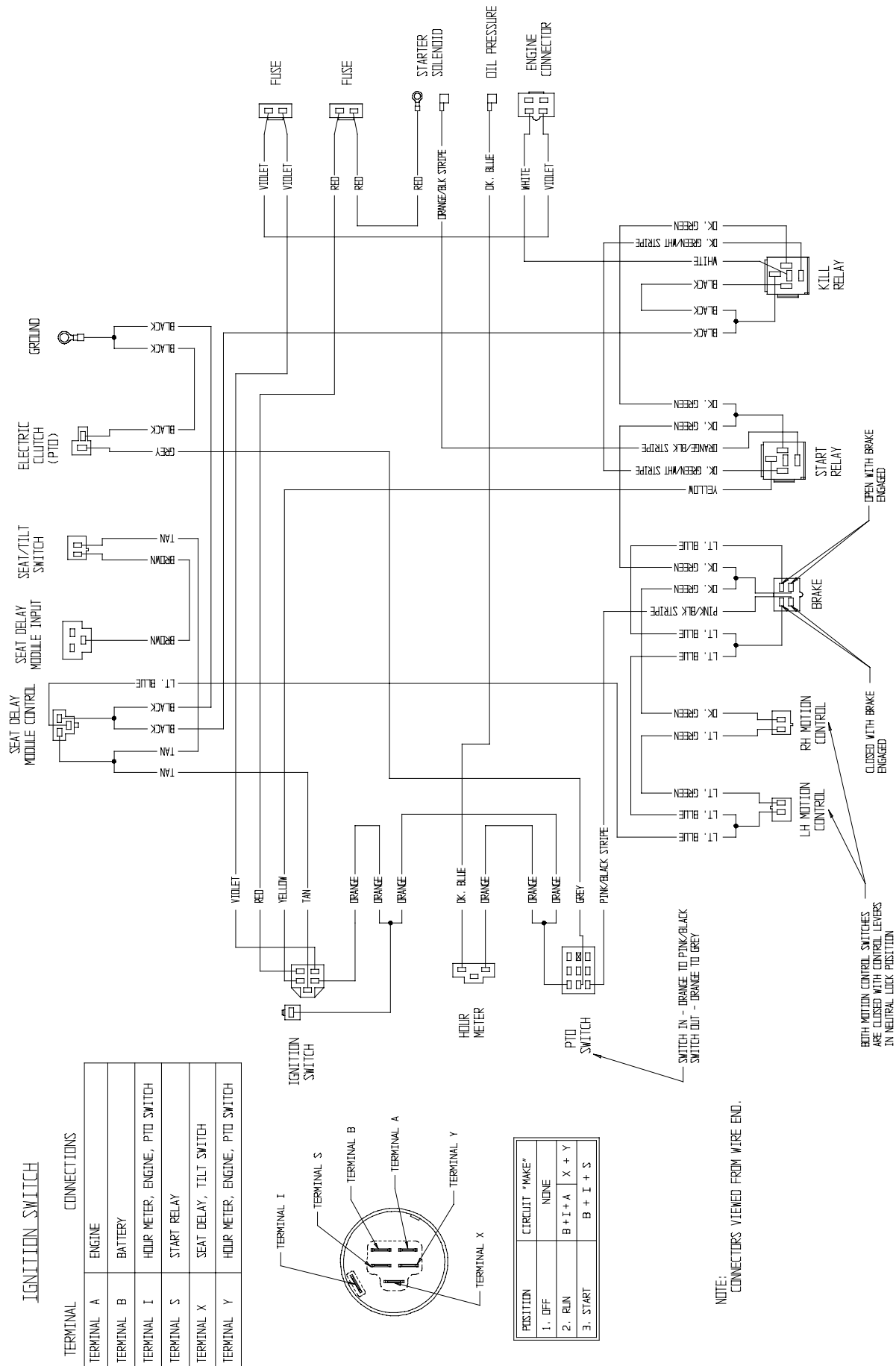
## ELECTRICAL GROUP



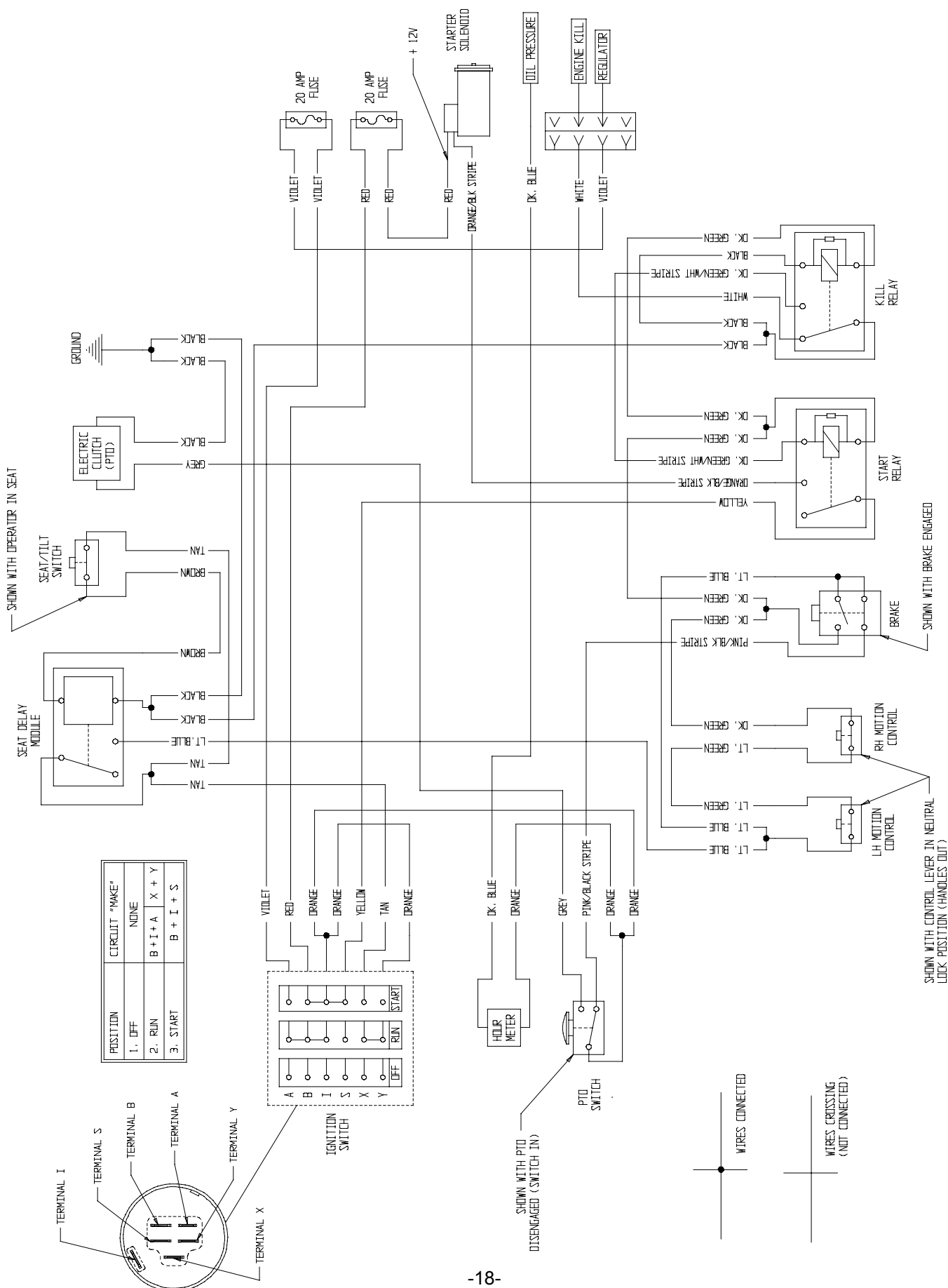
| Ref. No. | Part No.    | Description                   | Qty. Req'd. | Ref. No. | Part No. | Description                     | Qty. Req'd. |
|----------|-------------|-------------------------------|-------------|----------|----------|---------------------------------|-------------|
| 1        | 1-543792    | Wingnut, nyloc 1/4-20 .....   | 2           | 22       | 1-303287 | Plastic tie, small .....        | 2           |
| 2        | 1-633652-03 | Strap, battery holdown.....   | 1           | 23       | 1-543393 | Insulator, solenoid (+).....    | 1           |
| 3        | 1-633651    | Bolt, battery holdown .....   | 2           | 24       | 1-643275 | Relay, 12 V .....               | 2           |
| 4        | 1-543767    | Cable, ground (-).....        | 1           | 25       | 1-807513 | Carriage Bolt, #10-24 x 1/2.... | 4           |
| 5        | 1-543391    | Insulator, battery .....      | 1           | 26       | 1-633782 | Switch, Tilt.....               | 1           |
| 6        | 321-4       | Screw, 1/4-20 x 3/4.....      | 3           | 27       | 1-543286 | Grommet.....                    | 2           |
| 7        | 3256-2      | Washer, 1/4 flat .....        | 2           | 28       | 1-633396 | Clip, loom 5/8.....             | 2           |
| 8        | 32128-33    | Nut, 1/4-20 whizlock .....    | 3           | 29       | 1-513051 | Switch, drive lever N.C. ....   | 2           |
| 9        | 103-0293    | Battery, 12V .....            | 1           | 30       | 1-303335 | Plastic tie, large .....        | 4           |
| 10       | 1-523281    | Cable, battery (+).....       | 1           | 31       | 1-513374 | Meter, engine hours.....        | 1           |
| 11       | 1-800282    | Screw, 5/16-18 x 7 .....      | 1           | 32       | 1-633111 | Switch, brake N.O./N.C.....     | 1           |
| 12       | 1-523415    | Spring, seat switch.....      | 1           | 33       | 100-6186 | Module, seat delay.....         | 1           |
| 13       | 3290-500    | Screw, #10-24 x 5/8.....      | 10          | 34       | 103-0206 | Switch, ignition w/keys.....    | 1           |
| 14       | 1-652072-03 | Bracket wldmt, seat switch .. | 1           | 35       | 103-2106 | Key, Exmark logo.....           | 1           |
| 15       | 322-3       | Screw, 5/16-18 x 3/4.....     | 3           |          | 1-603511 | Key, ignition .....             | 1           |
| 16       | 32128-20    | Nut, whizlock 5/16-18 .....   | 5           | 36       | 1-633673 | Switch, blade .....             | 1           |
| 17       | 1-653036    | Washer.....                   | 1           | 37       | 3296-2   | Nut, nyloc #10-20.....          | 7           |
| 18       | 1-513152    | Switch, seat .....            | 1           | 38       | 103-0498 | Nut, Ignition.....              | 1           |
| 19       | 1-633181    | Plate.....                    | 4           | 39       | 1-807533 | Bolt, carriage 10-24x5/8 .....  | 1           |
| 20       | 1-816001    | Fuse-20 amp.....              | 2           | 40       | 3256-14  | Washer, #10 flat.....           | 1           |
| 21♦      | 103-4049    | Harness, wiring .....         | 1           | 41       | 103-1193 | Clip, loom half.....            | 1           |

♦Use dielectric grease on all wiring harness connectors.

## KOHLER ELECTRICAL DIAGRAM



## KOHLER ELECTRICAL SCHEMATIC



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