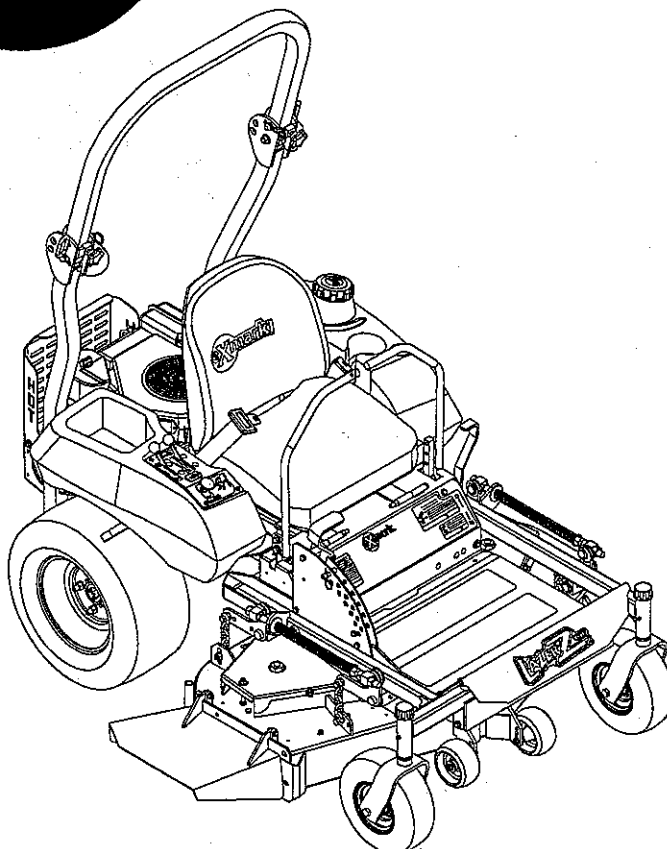


For Serial Nos.  
440,000 & Higher



# 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 \_\_\_\_\_

# 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

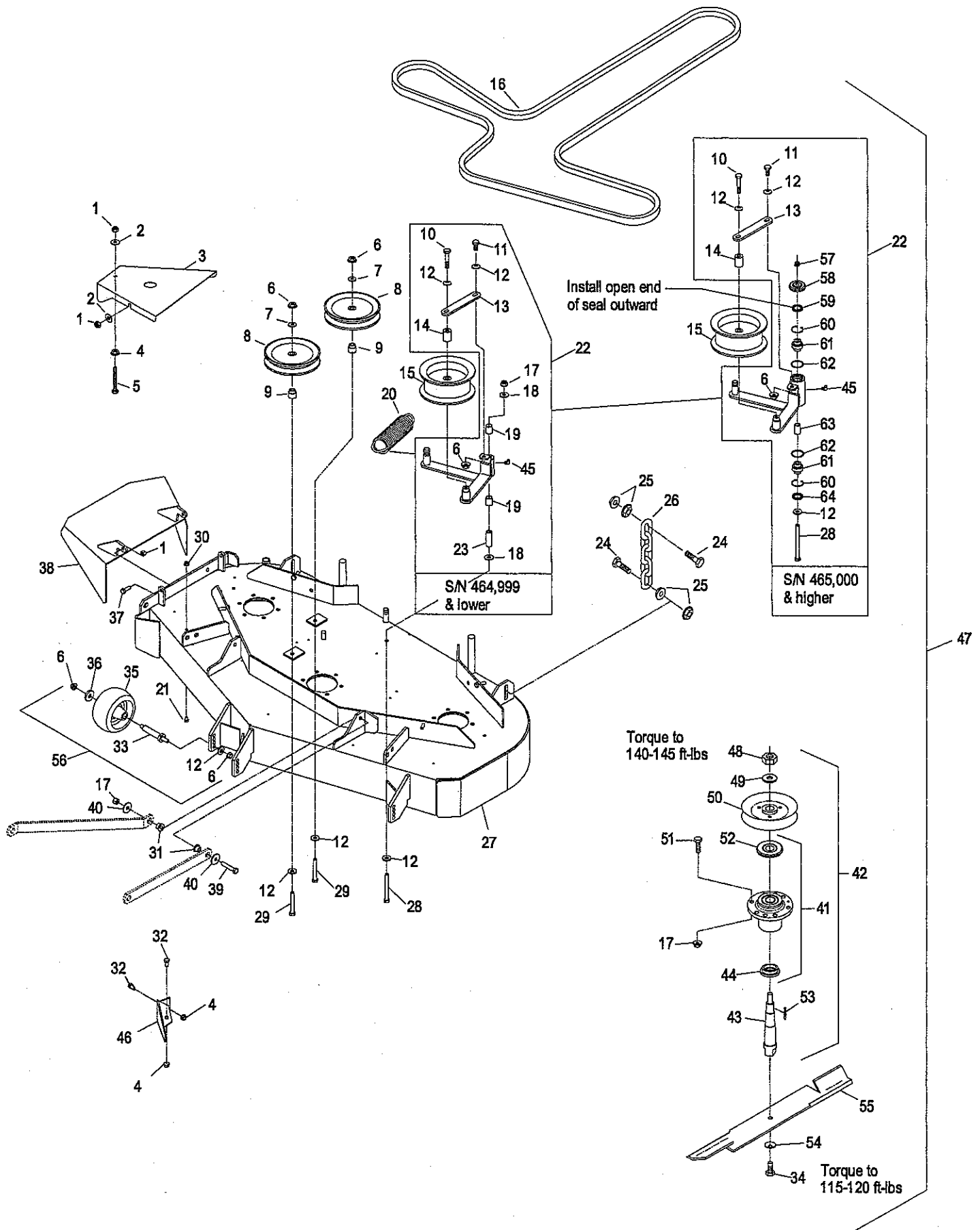
| Item | Part No.    | Description                                      | Qty. |
|------|-------------|--------------------------------------------------|------|
| 1    | 3296-29     | Nut, Nyloc 5/16-18 .....                         | 8    |
| 2    | 3256-3      | Washer, 5/16 Std .....                           | 6    |
| 3    | 103-2970-01 | Shield, Belt .....                               | 2    |
| 4    | 32128-20    | Nut, Whizlock 5/16-18 .....                      | 4    |
| 5    | 1-800017    | Bolt, HH 5/16-18 x 3 1/4 Tap .....               | 2    |
| 6    | 3290-357    | Nut, Whizlock 3/8-16 .....                       | 9    |
| 7    | 3256-24     | Washer, 3/8 SAE .....                            | 2    |
| 8    | 1-613098    | Pulley, Idler .....                              | 2    |
| 9    | 1-413113    | Bushing, Idler .....                             | 2    |
| 10   | 323-11      | Screw, HH 3/8-16 x 2 1/4 .....                   | 1    |
| 11   | 323-6       | Screw, HH 3/8-16 x 1 .....                       | 1    |
| 12   | 98-5975     | Washer, Spring Disk 3/8 .....                    | 8    |
| 13●  | 1-653189    | Plate, Belt Guide .....                          | 1    |
| ★    | 103-5668    | Plate, Belt Guide .....                          | 1    |
| 14   | 1-653190    | Spacer .....                                     | 1    |
| 15   | 1-413099    | Pulley, Idler .....                              | 1    |
| 16   | 1-413093    | Belt, Deck Drive (44") .....                     | 1    |
|      | 1-413308    | Belt, Deck Drive (48") .....                     | 1    |
| 17●  | 3296-39     | Nut, Nyloc 3/8-16 .....                          | 21   |
| ★    | 3296-39     | Nut, Nyloc 3/8-16 .....                          | 20   |
| 18●  | 1-809107    | Washer, 3/8 Std Flat Hardened .....              | 2    |
| 19●  | 103-4681    | Bearing, Pivot .....                             | 2    |
| 20   | 103-3330    | Spring, Extension .....                          | 1    |
| 21   | 321-1       | Screw, HH 1/4-20 x 3/8 .....                     | 1    |
| 22✱  | 103-5698    | Kit, Idler Arm (103-4598-01)<br>W/Bearings ..... | 1    |
| 23●  | 1-603384    | Bushing, Idler Pivot .....                       | 1    |
| 24   | 1-800811    | Screw, HH 7/16-14 x 1 1/2 .....                  | 8    |
| 25   | 32128-37    | Nut, Whizlock 7/16-14 .....                      | 16   |
| 26   | 1-633447    | Chain, Deck Lift .....                           | 4    |
| 27   | 103-4667    | Asm, Deck (103-4148-01)<br>W/Decals (44") .....  | 1    |
|      | 103-4382    | Asm, Deck (103-3846-01)<br>W/Decals (48") .....  | 1    |
| 28●  | 1-800805    | Screw, HH 3/8-16 x 3 1/2 Gr 8 .....              | 1    |
| ★    | 323-23      | Screw, HH 3/8-16 x 4 1/2 Gr 8 .....              | 1    |
| 29   | 323-13      | Screw, HH 3/8-16 x 2 3/4 .....                   | 2    |
| 30   | 32128-33    | Nut, Whizlock 1/4-20 .....                       | 1    |
| 31   | 103-3900    | Spacer, Strut .....                              | 4    |
| 32   | 322-2       | Screw, HH 5/16-18 x 5/8 .....                    | 2    |
| 33   | 99-2842     | Spacer .....                                     | 3    |

| Item | Part No.    | Description                              | Qty. |
|------|-------------|------------------------------------------|------|
| 34   | 103-1026    | Screw, HH 5/8-11 x 1 .....               | 3    |
| 35   | 1-603299    | Roller, Anti-Scalp .....                 | 3    |
| 36   | 1-373034    | Washer .....                             | 3    |
| 37   | 322-5       | Screw, HH 5/16-18 x 1 .....              | 2    |
| 38   | 1-402106-01 | Wld, Chute Discharge .....               | 1    |
| 39   | 323-10      | Screw, HH 3/8-16 x 2 .....               | 2    |
| 40   | 63-8410     | Washer .....                             | 4    |
| 41   | 103-2547    | Asm, Cutter Housing .....                | 3    |
| 42◆  | 103-4666    | Asm, Cutter Housing Complete (44") ..... | 3    |
|      | 103-3207    | Asm, Cutter Housing Complete (48") ..... | 3    |
| 43+  | 103-2788    | Spindle .....                            | 3    |
| 44   | 103-2535    | Spacer, Guard Bottom .....               | 3    |
| 45   | 302-19      | Zerk 1/4-28 Str .....                    | 1    |
| 46   | 1-522480-01 | Baffle, Discharge .....                  | 1    |
| 47▲  | 103-4668    | Asm, Deck Complete (44") .....           | 1    |
|      | 103-4366    | Asm, Deck Complete (48") .....           | 1    |
| 48   | 3217-46     | Nut, Hex 3/4-16 Heavy .....              | 3    |
| 49   | 103-2802    | Washer, Spring Disc 3/4 .....            | 3    |
| 50+  | 1-653099    | Sheave, Blade Drive (44") .....          | 3    |
| +    | 1-413424    | Sheave, Blade Drive (48") .....          | 3    |
| 51   | 323-7       | Screw, HH 3/8-16 x 1 1/4 .....           | 18   |
| 52+  | 103-1330    | Guard, Bearing Top .....                 | 3    |
| 53   | 1-807268    | Key, Machine 1/4 x 3/16 x 1 .....        | 3    |
| 54   | 1-513208    | Washer, Spring Disc 5/8 .....            | 3    |
| 55   | 103-2529    | Blade, Notched (44") .....               | 3    |
|      | 103-2509    | Blade, Low Lift (44") .....              | 3    |
| ■    | 103-2519    | Blade, Mulching (44") .....              | 3    |
|      | 103-1579    | Blade, Solid (44") .....                 | 3    |
|      | 103-2527    | Blade, Notched (48") .....               | 3    |
|      | 103-2507    | Blade, Low Lift (48") .....              | 3    |
| ■    | 103-2517    | Blade, Mulching (48") .....              | 3    |
|      | 103-1577    | Blade, Solid (48") .....                 | 3    |
| 56   | 103-4051    | Kit, Antiscalp roller .....              | 3    |
| 57★  | 3296-59     | Nut, 3/8-16 Nyloc Thin .....             | 1    |
| 58★  | 103-2916    | Guard, Top .....                         | 1    |
| 59★  | 103-3506    | Seal, Single Lip .....                   | 1    |
| 60★  | 32120-10    | Ring, Retaining .....                    | 2    |
| 61★  | 103-3504    | Bearing, Spherical .....                 | 2    |
| 62★  | 106-7159    | O-ring .....                             | 2    |
| 63★  | 1-603401    | Spacer .....                             | 1    |
| 64★  | 103-3505    | Seal, Double, Lip .....                  | 1    |

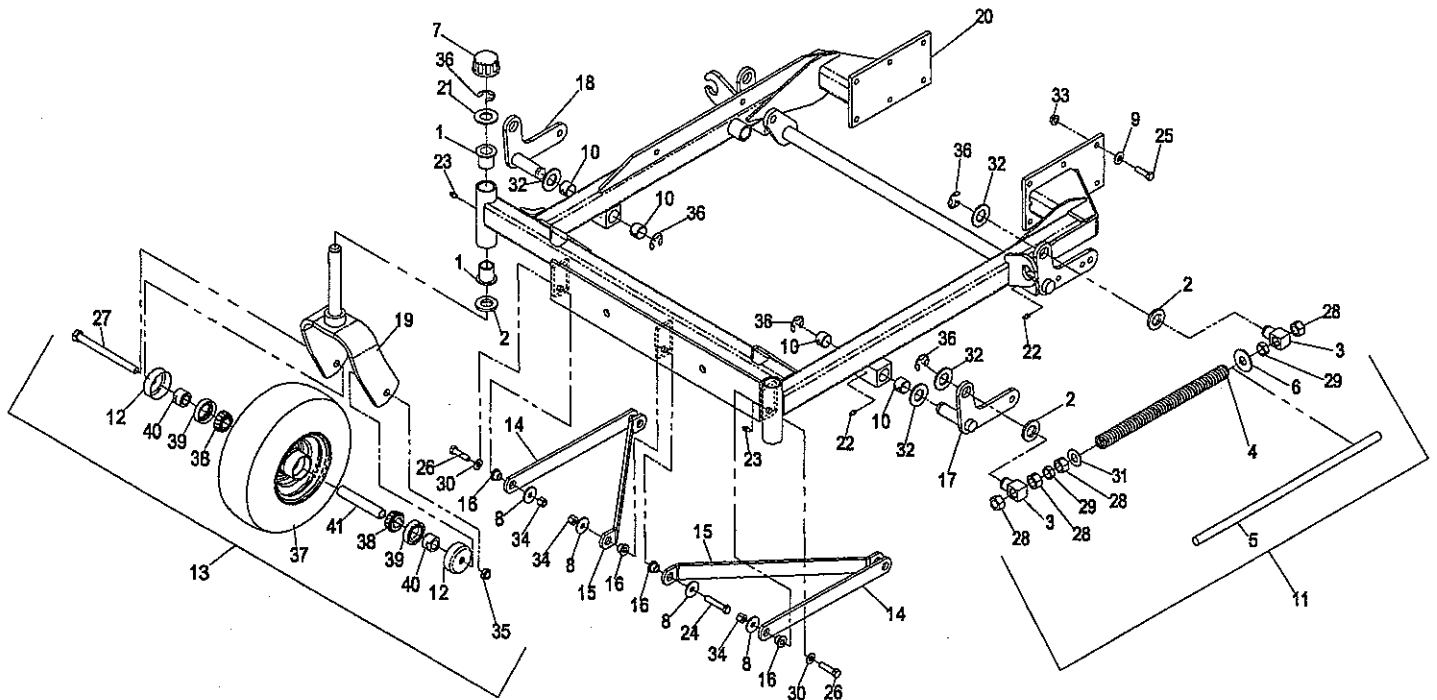
Exmark red touch up spray paint – P/N 1-850337.

- Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK443(44"), MK483(48")
- ✱ Apply Mobil HTS grease (P/N 103-5217 1.5 oz packet) (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.
- ◆ Complete cutter housings also include items #54 & #34.
- ▲ Includes all item shown plus decals. Does not include struts.
- This component is required for units with S/N 464,999 and lower.
- ★ This component is required for units with S/N 465,000 and higher.
- ✱ 103-5698 kit includes components shown for S/N 465,000 and higher and services all serial numbers.

# 44" and 48" DECK GROUP



# FRONT FRAME GROUP



| Item | Part No.     | Description                    | Qty. |
|------|--------------|--------------------------------|------|
| 1    | 1-303514     | Bearing, Flange.....           | 4    |
| 2    | 1-513338     | Washer .....                   | 6    |
| 3    | 1-633441     | Swivel, Deck Mount.....        | 4    |
| 4    | 1-653009     | Spring, Deck Support.....      | 2    |
| 5    | 1-653011     | Rod, Deck Lift .....           | 2    |
| 6    | 1-805517     | Washer, 5/8 Type B Wide .....  | 2    |
| 7    | 61-9780      | Cap, Hub.....                  | 2    |
| 8    | 63-8410      | Washer .....                   | 4    |
| 9    | 98-5975      | Washer, Spring Disk 3/8.....   | 12   |
| 10   | 103-1982     | Bushing, Spring.....           | 4    |
| 11   | 103-1987     | Asm, Front Spring .....        | 2    |
| 12   | 103-2768     | Guard, Seal.....               | 4    |
| 13   | 103-3800     | Asm, Wheel & Brgs 11x4-5 ..... | 2    |
| 14   | 103-3898 -01 | Flat, Strut.....               | 2    |
| 15   | 103-3899 -01 | Flat, Strut Angle .....        | 2    |
| 16   | 103-3900     | Spacer, Strut.....             | 4    |
| 17   | 103-3902-01  | Wld, Shaft LH.....             | 1    |
| 18   | 103-3903-01  | Wld, Shaft RH .....            | 1    |
| 19   | 103-3904 -01 | Wld, Caster Fork.....          | 2    |
| 20*  | 103-4338 -01 | Asm, Front Frame .....         | 1    |
| 21   | 104-8076     | Washer .....                   | 2    |

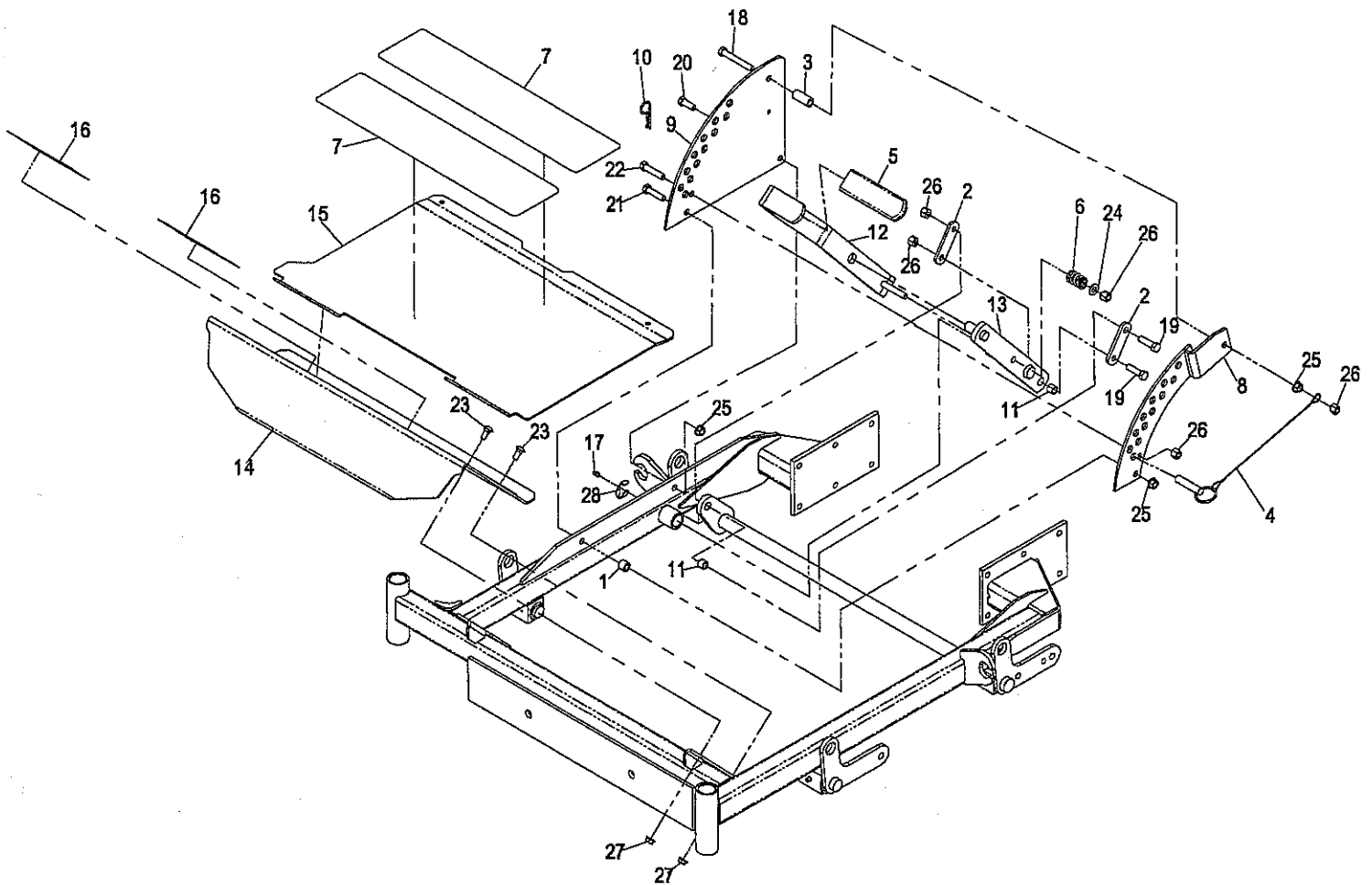
| Item | Part No.  | Description                       | Qty. |
|------|-----------|-----------------------------------|------|
| 22   | 302-19    | Zerk 1/4-28 Str.....              | 4    |
| 23   | 302-5     | Zerk 1/4-28 Str Thrd Forming..... | 2    |
| 24   | 323-10    | Screw, HH 3/8-16 x 2.....         | 1    |
| 25   | 323-7     | Screw, HH 3/8-16 x 1 1/4.....     | 12   |
| 26   | 323-8     | Screw, HH 3/8-16 x 1 1/2.....     | 2    |
| 27   | 325-20    | Screw, HH 1/2-13 x 6.....         | 2    |
| 28   | 3217-11   | Nut, Hex 5/8-11.....              | 8    |
| 29   | 3218-6    | Nut, Jam 5/8-11 .....             | 4    |
| 30   | 3256-24   | Washer, 3/8 SAE .....             | 2    |
| 31   | 3256-27   | Washer, 5/8 SAE .....             | 2    |
| 32   | 3256-29   | Washer-Flat, 15/16 x 1 3/4.....   | 6    |
| 33   | 3290-357  | Nut, Whizlock 3/8-16.....         | 12   |
| 34   | 3296-39   | Nut, Nyloc 3/8-16.....            | 3    |
| 35   | 3296-45   | Nut, Nyloc 1/2-13.....            | 2    |
| 36   | 32151-103 | E-ring.....                       | 8    |
| 37   | 1-513032  | Tire, 11" Pneumatic .....         | 2    |
| 38   | 1-633585  | Bearing Cone, Tapered.....        | 4    |
| 39   | 103-0063  | Seal, Double Lip .....            | 4    |
| 40♦  | 103-3051  | Spacer, Nut.....                  | 4    |
| 41   | 103-3157  | Axle, Caster.....                 | 2    |

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

\* Includes frame weldment, plus items #10, #17, #18, #22, #32(2) & #36(2). Does not include grease fittings item #23.

♦ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on spacer nut Item #40.

# FRONT FRAME GROUP (cont.)



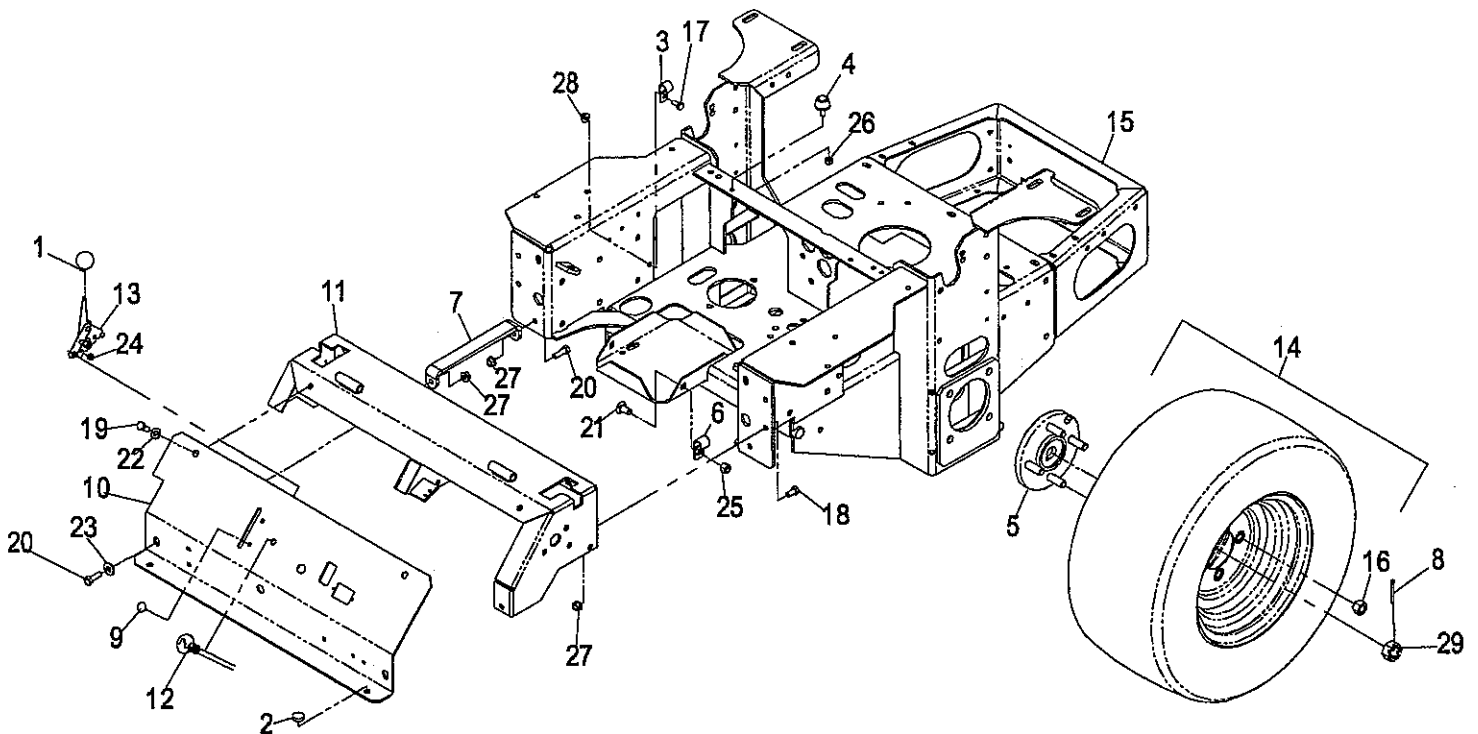
| Item | Part No.     | Description                            | Qty. |
|------|--------------|----------------------------------------|------|
| 1    | 1-413088     | Spacer .....                           | 1    |
| 2    | 1-633068     | Arm, Deck Lift .....                   | 2    |
| 3    | 1-633082     | Bushing, Lift Lever .....              | 1    |
| 4♦   | 1-633097     | Pin, Hitch W/Laynard and Hairpin ..... | 1    |
| 5    | 1-633295     | Grip, Lift Lever .....                 | 1    |
| 6    | 1-633325     | Spring, Compression.....               | 1    |
| 7    | 1-633553     | Pad, Anti Skid .....                   | 2    |
| 8    | 1-652235 -01 | Wld, Deck Lift Plate.....              | 1    |
| 9    | 1-653230 -01 | Plate, Deck Lift.....                  | 1    |
| 10   | 1-806005     | Hairpin Cotter.....                    | 1    |
| 11   | 103-1918     | Bushing.....                           | 2    |
| 12   | 103-2081     | Asm, Lift Lever W/Grip .....           | 1    |
| 13   | 103-3718 -03 | Wld, Deck Lift Arm .....               | 1    |
| 14   | 103-4315     | Asm, Floorpan W/Decals & Pads .....    | 1    |

| Item | Part No.  | Description                         | Qty. |
|------|-----------|-------------------------------------|------|
| 15   | 103-4316  | Asm, Floorpan W/Decals & Pads ..... | 1    |
| 16   | 106-6572  | Pad, Anti Skid .....                | 2    |
| 17   | 302-19    | Zerk 1/4-28 Str.....                | 1    |
| 18   | 323-13    | Screw, HH 3/8-16 x 2 3/4.....       | 1    |
| 19   | 323-29    | Screw, HH 3/8-16 x 1 3/8.....       | 2    |
| 20   | 323-6     | Screw, HH 3/8-16 x 1.....           | 1    |
| 21   | 323-8     | Screw, HH 3/8-16 x 1 1/2.....       | 1    |
| 22   | 323-9     | Screw, HH 3/8-16 x 1 3/4.....       | 1    |
| 23   | 3230-1    | Bolt, Carriage 5/16-18 x 3/4 .....  | 4    |
| 24   | 3256-24   | Washer, 3/8 SAE .....               | 1    |
| 25   | 3290-357  | Nut, Whizlock 3/8-16.....           | 3    |
| 26   | 3296-39   | Nut, Nyloc 3/8-16.....              | 5    |
| 27   | 32128-20  | Nut, Whizlock 5/16-18.....          | 4    |
| 28   | 32151-103 | E-ring.....                         | 1    |

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

♦ Includes hitch pin plus hairpin item #10.

# MAINFRAME GROUP



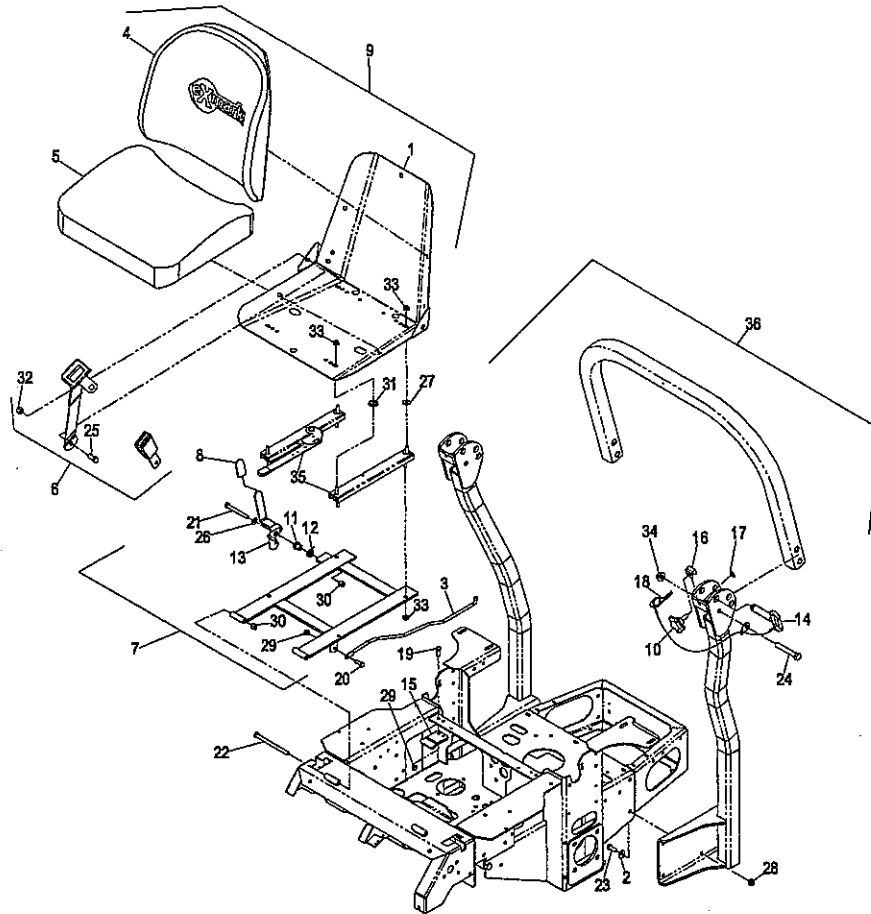
| Item | Part No.    | Description                         | Qty. |
|------|-------------|-------------------------------------|------|
| 1●   | 1-513592    | Knob, Red Throttle.....             | 1    |
| 2    | 1-513658    | Bumper.....                         | 2    |
| 3    | 1-513762    | Clip, Loom 1/2.....                 | 1    |
| 4    | 1-523420    | Bumper.....                         | 2    |
| 5    | 1-602997    | Hub, W/Studs.....                   | 2    |
|      | 1-633926    | Studs, Wheel 1/2-20.....            | 8    |
| 6    | 1-603727    | Clip, Loom.....                     | 1    |
| 7    | 1-653089-03 | Bracket, Instrument Panel.....      | 1    |
| 8    | 1-806800    | Pin, Cotter 9/64 x 1 1/2.....       | 2    |
| 9●   | 1-807513    | Bolt, Carriage #10-24 x 1/2.....    | 2    |
| 10●  | 103-0724    | Asm, Instrument Panel W/Decals..... | 1    |
| ★    | 103-4895    | Asm, Instrument Panel W/Decals..... | 1    |
| 11   | 103-3452    | Asm, Console W/Decals.....          | 1    |
| 12●  | 103-4090    | Control, Choke Push/Pull.....       | 1    |
| 13●  | 103-4091    | Cable, Throttle.....                | 1    |
| 14   | 103-3978    | Asm, Wheel & Tire.....              | 2    |
|      | 103-4269    | Wheel.....                          | 2    |

| Item | Part No.    | Description                      | Qty. |
|------|-------------|----------------------------------|------|
|      | 103-4270    | Tire, 20 x 10.00-10 4 ply.....   | 2    |
| 15   | 103-5860-03 | Wld, Mainframe.....              | 1    |
| 16   | 242-50      | Nut, Lug 1/2-20.....             | 8    |
| 17   | 321-3       | Screw, HH 1/4-20 x 5/8.....      | 1    |
| 18   | 322-2       | Screw, HH 5/16-18 x 5/8.....     | 6    |
| 19   | 322-3       | Screw, HH 5/16-18 x 3/4.....     | 3    |
| 20   | 322-5       | Screw, HH 5/16-18 x 1.....       | 2    |
| 21   | 3231-21     | Bolt, Carriage 3/8-16 x 3/4..... | 1    |
| 22   | 3256-23     | Washer, 5/16 SAE.....            | 2    |
| 23   | 3256-3      | Washer, 5/16 Std.....            | 2    |
| 24●  | 3296-2      | Nut, Nyloc #10-20.....           | 2    |
| 25   | 3296-39     | Nut, Nyloc 3/8-16.....           | 1    |
| 26   | 3296-42     | Nut, Nyloc 1/4-20.....           | 2    |
| 27   | 32128-20    | Nut, Whizlock 5/16-18.....       | 8    |
| 28   | 32128-33    | Nut, Whizlock 1/4-20.....        | 1    |
| 29   | 32136-5     | Nut, Slotted 3/4-16.....         | 2    |

Exmark black touch up spray paint – gloss black.

- This component is required for units with S/N 457,999 and lower.
- ★ This component is required for units with S/N 458,000 and higher.

## MAINFRAME GROUP (cont.)



| Item | Part No. | Description                       | Qty. |
|------|----------|-----------------------------------|------|
| 1    | 1-633859 | Frame, Seat.....                  | 1    |
| 2    | 98-5975  | Washer, Spring Disk 3/8.....      | 8    |
| 3    | 103-1731 | Rod, Seat Retainer.....           | 1    |
| 4    | 103-3520 | Seat, Back .....                  | 1    |
| 5    | 103-3521 | Seat, Bottom.....                 | 1    |
| 6    | 103-4469 | Asm, Seat Belt .....              | 1    |
| 7    | 103-4423 | Asm, Seat Frame .....             | 1    |
| 8    | 103-4434 | Grip, Lever .....                 | 1    |
| 9●   | 103-4883 | Asm, Seat .....                   | 1    |
| 10   | 106-0887 | Knob .....                        | 2    |
| 11   | 107-0075 | Bushing, Latch .....              | 1    |
| 12   | 107-0076 | Spring, Torsion.....              | 1    |
| 13   | 107-3083 | Latch.....                        | 1    |
| 14◆  | 103-4553 | Asm, Rops Fold Pin .....          | 2    |
| 15   | 103-5961 | Catch, Seat Latch .....           | 1    |
| 16   | 107-3124 | Clip .....                        | 2    |
| 17   | 107-3154 | Nut, Push 3/8-16.....             | 2    |
| 18   | 107-3155 | Cotter, Hairpin Double Loop ..... | 2    |

| Item | Part No. | Description                            | Qty. |
|------|----------|----------------------------------------|------|
| 19   | 322-4    | Screw, HH 5/16-18 x 7/8 .....          | 2    |
| 20   | 322-5    | Screw, HH 5/16-18 x 1 .....            | 1    |
| 21   | 323-20   | Screw, HH 3/8-16 x 3-1/4.....          | 1    |
| 22   | 323-39   | Screw, HH 3/8-16 x 5.....              | 2    |
| 23   | 323-6    | Screw, HH 3/8-16 x 1 .....             | 8    |
| 24   | 325-13   | Screw-HH 1/2-13 x 3 1/4.....           | 2    |
| 25   | 3212-4   | Screw-HH 7/16-20 x 1.....              | 2    |
| 26   | 3256-24  | Washer, 3/8 SAE .....                  | 1    |
| 27   | 3256-3   | Washer, 5/16 Std .....                 | 2    |
| 28   | 3290-357 | Nut, Whizlock 3/8-16.....              | 8    |
| 29   | 3296-29  | Nut, Nyloc 5/16-18 .....               | 3    |
| 30   | 3296-39  | Nut, Nyloc 3/8-16.....                 | 3    |
| 36   | 1-543401 | Spacer, Seat Track .....               | 2    |
| 32   | 3296-7   | Nut, Nyloc 7/16-20 .....               | 2    |
| 33   | 32128-20 | Nut, Whizlock 5/16-18.....             | 8    |
| 34   | 32128-23 | Nut, Hex Flange Side Lock 1/2-13 ..... | 2    |
| 35   | 1-643255 | Track, Seat (4" Adjustable) .....      | 1    |
| 36◆  | FRPSL    | Kit, Rops LHP .....                    | 1    |

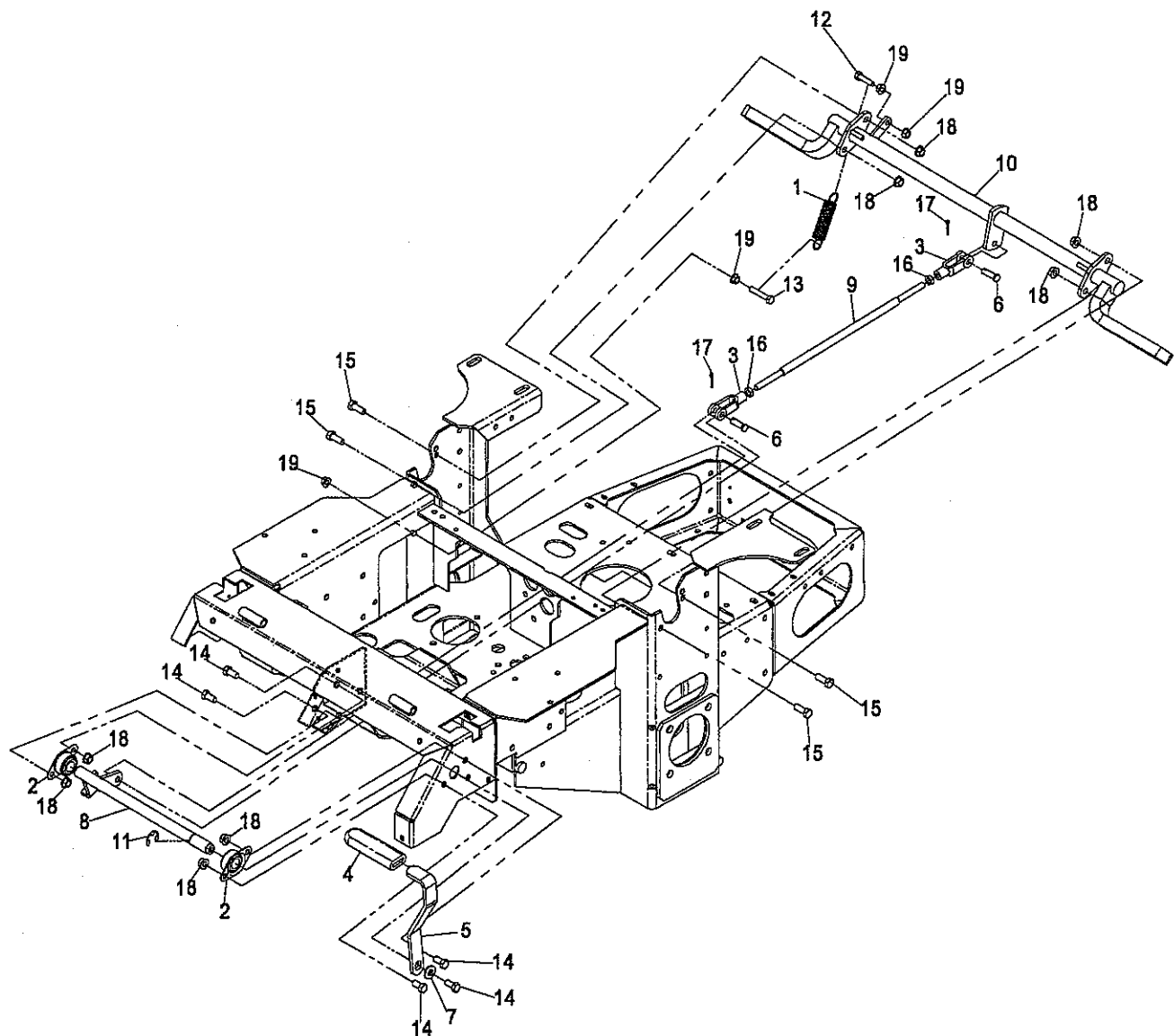
Exmark black touch up spray paint – gloss black.

◆ Includes ROPS fold pin plus hairpin item #18.

◆ Rollover protection frame is serviced as a complete assembly only. Includes complete ROPS frame, mounting hardware, fold pivot and locking hardware, seat frame assembly item #7, catch item #15, and seat belt assembly item #6.

● Includes tracks and seat back decal. Does not include seat belt.

# PARK BRAKE GROUP

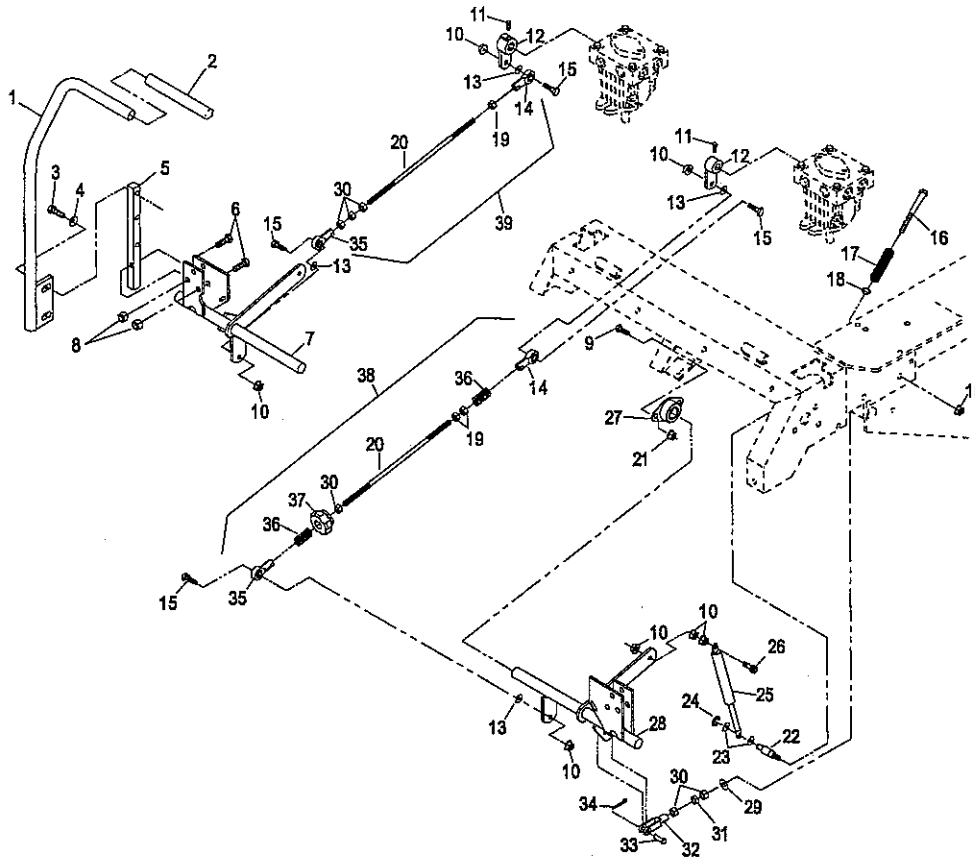


| Item | Part No.    | Description                     | Qty. |
|------|-------------|---------------------------------|------|
| 1    | 1-323161    | Spring .....                    | 1    |
| 2    | 1-633102    | Bearing, Side Flange.....       | 2    |
| 3    | 1-633131    | Yoke .....                      | 2    |
| 4    | 1-633268    | Grip .....                      | 1    |
| 5    | 103-4630    | Handle, Park Brake W/Grip ..... | 1    |
| 6    | 1-808285    | Pin, Clevis 3/8 x 1 1/8 .....   | 2    |
| 7    | 98-5975     | Washer, Spring Disk 3/8.....    | 1    |
| 8    | 103-3116    | Wld, Brake Shaft.....           | 1    |
| 9    | 103-3907    | Linkage .....                   | 1    |
| 10   | 103-3960-03 | Wld, Brake .....                | 1    |

| Item | Part No. | Description                    | Qty. |
|------|----------|--------------------------------|------|
| 11   | 32151-48 | E-Ring .....                   | 1    |
| 12   | 322-6    | Screw, HH 5/16-18 x 1 1/4..... | 1    |
| 13   | 322-9    | Screw, HH 5/16-18 x 1 3/4..... | 1    |
| 14   | 323-4    | Screw, HH 3/8-16 x 3/4.....    | 5    |
| 15   | 323-6    | Screw, HH 3/8-16 x 1.....      | 4    |
| 16   | 3219-3   | Nut, Hex 3/8-24 .....          | 2    |
| 17   | 3272-10  | Pin, Cotter 1/8 x 3/4.....     | 2    |
| 18   | 3290-357 | Nut, Whizlock 3/8-16.....      | 8    |
| 19   | 32128-20 | Nut, Whizlock 5/16-18.....     | 4    |

Exmark black touch up spray paint – gloss black.

# MOTION CONTROL GROUP



| Item | Part No. | Description                        | Qty. |
|------|----------|------------------------------------|------|
| 1    | 103-0632 | Handle W/Grip (RH).....            | 1    |
| *    | 103-0631 | Handle W/Grip (LH).....            | 1    |
| 2    | 1-633257 | Grip, Motion Control Handle.....   | 2    |
| 3    | 323-6    | Screw, HH 3/8-16 x 1 .....         | 4    |
| 4    | 98-5975  | Washer, Spring Disk 3/8.....       | 4    |
| 5    | 103-0407 | Arm, Control Shaft.....            | 2    |
| 6    | 323-9    | Screw, HH 3/8-16 x 1 3/4 .....     | 6    |
| 7    | 103-4773 | Bracket, Motion Control (RH) ..... | 1    |
| 8    | 3296-39  | Nut, Nyloc 3/8-16 .....            | 6    |
| 9    | 323-4    | Screw, HH 3/8-16 x 3/4 .....       | 8    |
| 10   | 32128-20 | Nut, Whizlock 5/16-18.....         | 12   |
| 11◆  | 1-803022 | Setscrew, 5/16 x 5/8.....          | 2    |
| 12   | 103-3717 | Arm, Pump Control.....             | 2    |
| 13   | 3256-3   | Washer, 5/16 Std .....             | 4    |
| 14   | 1-633152 | Balljoint (LH) .....               | 2    |
| 15   | 322-6    | Screw, HH 5/16-18 x 1 1/4 .....    | 4    |
| 16   | 1-603737 | Bolt, Neutral Return.....          | 2    |
| 17   | 1-603807 | Spring .....                       | 2    |
| 18   | 1-603735 | Bushing, Flanged .....             | 2    |
| 19   | 1-804524 | Nut, Hex 5/16-24 (LH).....         | 3    |

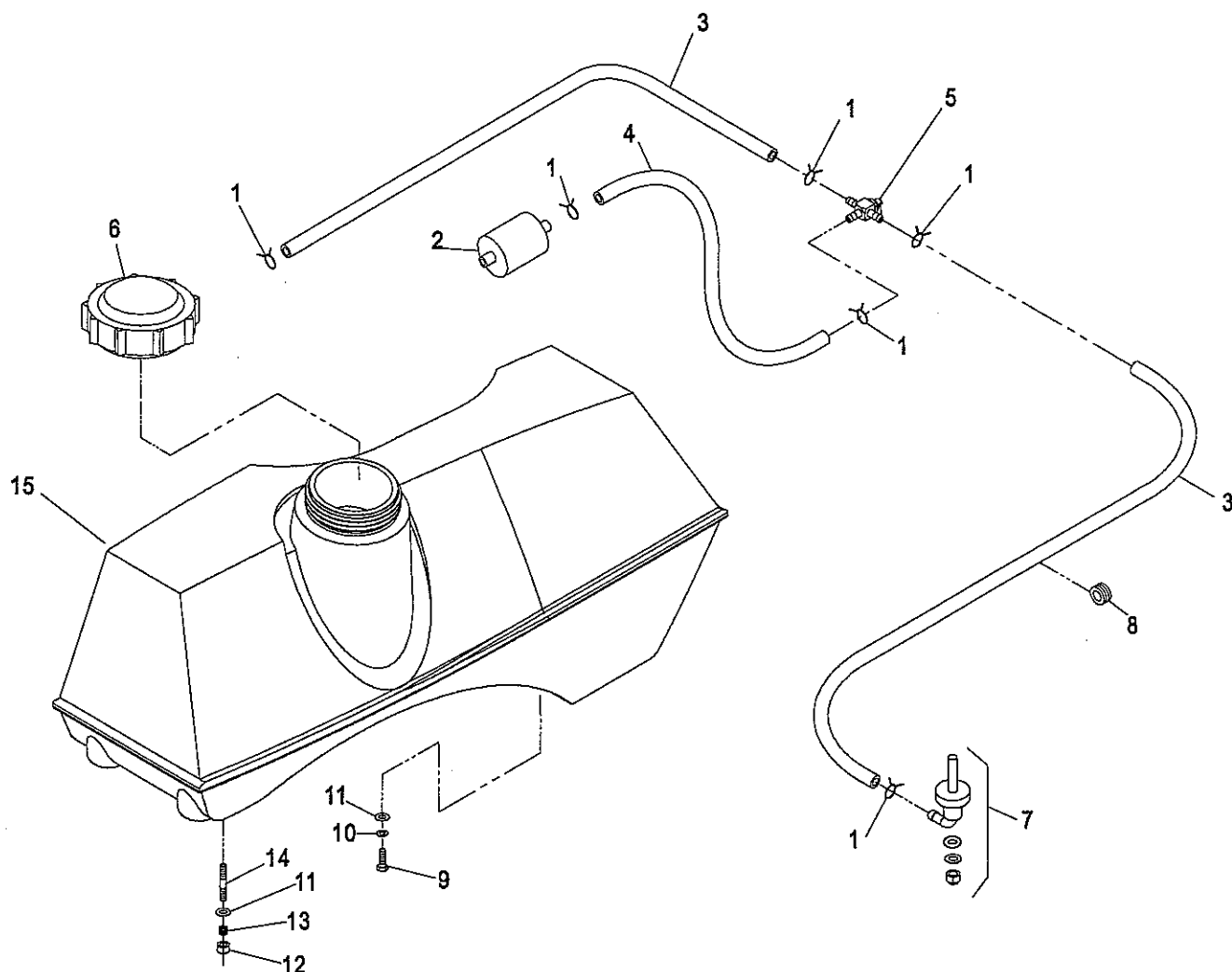
| Item | Part No. | Description                       | Qty. |
|------|----------|-----------------------------------|------|
| 20   | 103-3066 | Link, Pump Control .....          | 2    |
| 21   | 3290-357 | Nut, Whizlock 3/8-16.....         | 8    |
| 22   | 103-4101 | Pin, Damper Anchor.....           | 2    |
| 23   | 3256-23  | Washer, 5/16 SAE .....            | 4    |
| 24   | 32120-35 | E-Ring .....                      | 2    |
| 25   | 103-4079 | Damper.....                       | 2    |
| 26   | 1-403180 | Screw, HH 5/16-18 x 1 1/4 Sp..... | 4    |
| 27   | 1-633102 | Bearing, Flanged .....            | 4    |
| 28   | 103-4774 | Bracket, Motion Control (LH)..... | 1    |
| 29   | 3256-2   | Washer, 1/4 Std.....              | 2    |
| 30   | 3219-2   | Nut, Hex 5/16-24.....             | 8    |
| 31   | 3220-2   | Nut, Jam 5/16-24 .....            | 2    |
| 32   | 1-303105 | Yoke .....                        | 2    |
| 33   | 1-808280 | Pin, Clevis 5/16 x 1 .....        | 2    |
| 34   | 3272-5   | Pin, Cotter 3/32 x 1/2 .....      | 2    |
| 35   | 1-543017 | Balljoint (RH) .....              | 2    |
| 36   | 1-323245 | Spring, Compression .....         | 2    |
| 37   | 103-3060 | Knob, Tracking.....               | 1    |
| 38   | 103-3063 | Asm, Tracking.....                | 1    |
| 39   | 103-4327 | Asm, Tracking.....                | 1    |

Exmark black touch up spray paint – gloss black.

\* Not Illustrated.

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

# FUEL GROUP FOR S/N 457,999 and LOWER



| Item | Part No. | Description                             | Qty. |
|------|----------|-----------------------------------------|------|
| 1    | 1-303077 | Clamp, Fuel Line.....                   | 6    |
| 2◆   | Kohier   | Part No. 2405002 Fuel Filter .....      | 1    |
| 3    | 1-543526 | Fuel Line .....                         | 2    |
| 4    | 103-1419 | Fuel Line .....                         | 1    |
| 5    | 1-633347 | Valve, Fuel .....                       | 1    |
| 6    | 103-2107 | Cap, Fuel Tank .....                    | 2    |
| 7▼   | 103-2605 | Fitting, Fuel Bulkhead W/Strainer ..... | 2    |
|      | 103-2784 | O-Ring .....                            | 2    |
| 8    | 1-543296 | Grommet, Fuel Line .....                | 2    |

| Item | Part No. | Description                   | Qty. |
|------|----------|-------------------------------|------|
| 9    | 322-3    | Screw, HH 5/16-18 x 3/4 ..... | 4    |
| 10   | 1-805005 | Washer, Lock 5/16 Heavy ..... | 4    |
| 11   | 3256-23  | Washer, 5/16 SAE .....        | 8    |
| 12   | 3296-47  | Nut, Nyloc 5/16-18 .....      | 4    |
| 13   | 1-633349 | Spring .....                  | 4    |
| 14◆  | 1-633023 | Stud .....                    | 4    |
| 15*★ | 103-2122 | Asm, Tank Fuel (LH) .....     | 1    |
| ★    | 103-2123 | Asm, Tank Fuel (RH) .....     | 1    |

\* Not illustrated.

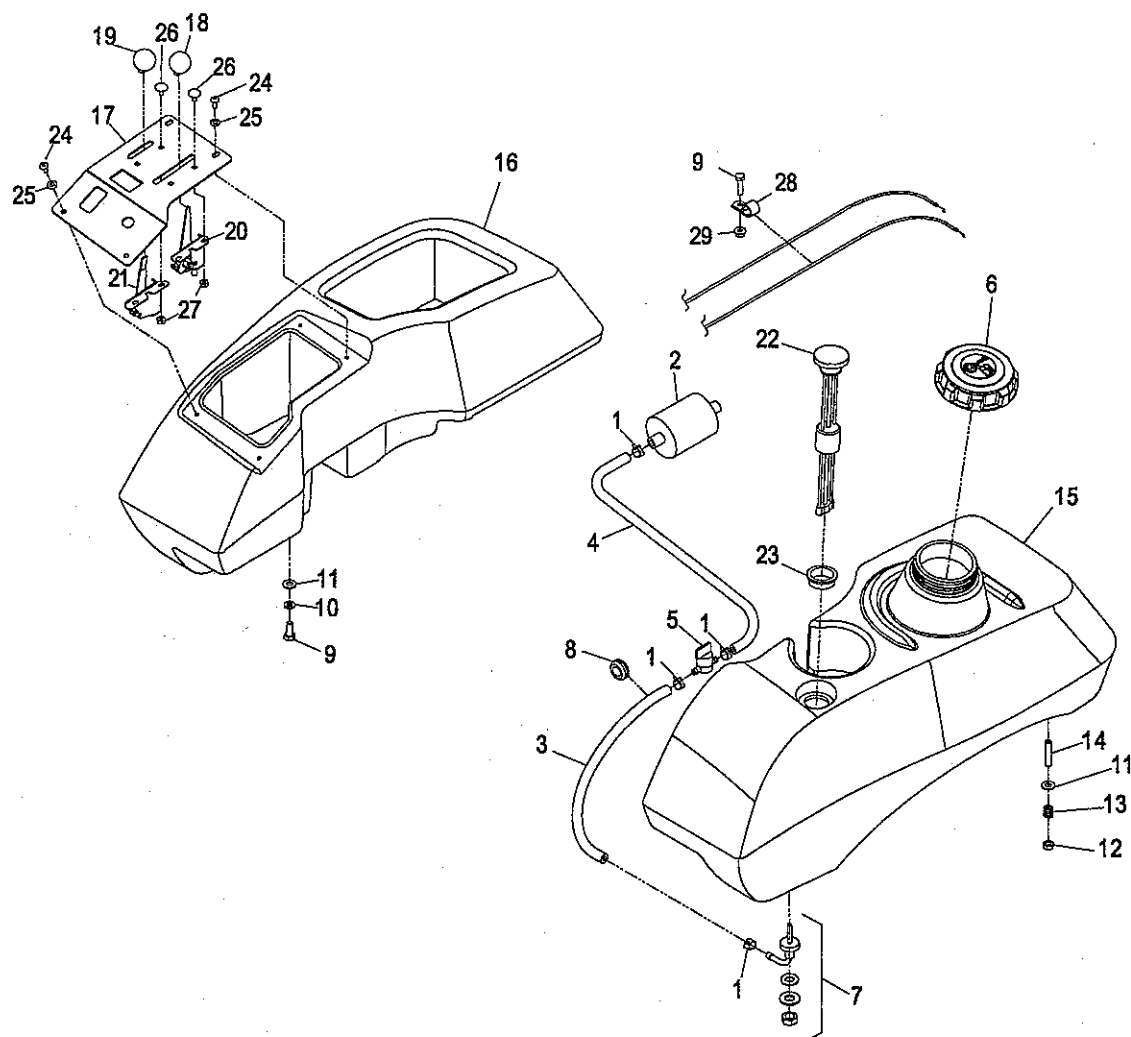
◆ Use Pro-Lock, Retaining Type (P/N 1-840023, .5ml tube) on stud threads going into tank.

◆ 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 1-840022, .5ml tube) on fuel fitting.

# FUEL GROUP FOR S/N 458,000 and HIGHER



| Item | Part No. | Description                            | Qty. |
|------|----------|----------------------------------------|------|
| 1    | 1-303077 | Clamp, Fuel Line.....                  | 4    |
| 2+   | Kohler   | Part No. 2405002 Fuel Filter .....     | 1    |
| 3    | 1-303472 | Fuel Line.....                         | 1    |
| 4    | 1-603955 | Fuel Line.....                         | 1    |
| 5    | 1-603770 | Valve, Fuel.....                       | 1    |
| 6    | 103-2107 | Cap, Fuel Tank .....                   | 1    |
| 7▼   | 103-2605 | Fitting, Fuel Bulkhead W/Strainer..... | 1    |
|      | 103-2784 | O-Ring .....                           | 1    |
| 8    | 1-543296 | Grommet, Fuel Line .....               | 1    |
| 9    | 322-3    | Screw, 5/16-18 x 3/4 .....             | 5    |
| 10   | 1-805005 | Washer, Lock 5/16.....                 | 4    |
| 11   | 3256-23  | Washer, 5/16 SAE.....                  | 8    |
| 12   | 3296-47  | Nut, Nyloc 5/16-18 .....               | 4    |
| 13   | 1-633349 | Spring, Fuel Tank.....                 | 4    |
| 14◆  | 1-633023 | Stud, Fuel Tank.....                   | 4    |

| Item | Part No. | Description                       | Qty. |
|------|----------|-----------------------------------|------|
| 15★  | 103-5995 | Asm, Tank Fuel (LH).....          | 1    |
| 16★  | 103-5998 | Asm, Tank (RH).....               | 1    |
| 17   | 103-4896 | Asm, Control Panel W/Decals.....  | 1    |
| 18   | 1-513592 | Knob, Red (Throttle) .....        | 1    |
| 19   | 1-513593 | Knob, Black (Choke).....          | 1    |
| 20   | 103-5809 | Cable, Throttle.....              | 1    |
| 21   | 103-5810 | Cable, Choke.....                 | 1    |
| 22   | 103-5797 | Gage, Fuel.....                   | 1    |
| 23   | 95-8972  | Grommet .....                     | 1    |
| 24■  | 32122-30 | Screw, PTH #10-24 x 1/2.....      | 4    |
| 25   | 1-303435 | Washer, Spring Disk 1/4 .....     | 4    |
| 26   | 1-807513 | Bolt, Carriage #10-24 x 1/2 ..... | 4    |
| 27   | 3296-2   | Nut, Nyloc #10-24 .....           | 4    |
| 28   | 1-633396 | Clip, Loom 5/8 .....              | 1    |
| 29   | 32128-20 | Nut, Whizlock 5/16-18.....        | 1    |

- ◆ Use Pro-Lock, Retaining Type (P/N 1-840023, .5ml tube) on stud threads going into tank.
- ◆ Refer to Engine Owner's manual. (Fuel filter **Must** be 15 Micron or smaller).
- ★ Includes tank and studs. LH tank also includes cap, fitting and fuel gauge.
- ▼ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on fuel fitting.
- Snug fit only on slotted holes, **Do Not Overtighten**, tank must be able to expand.

# HYDRAULIC GROUP

| Item | Part No.    | Description                        | Qty. |
|------|-------------|------------------------------------|------|
| 1    | 103-1947    | Asm, Reservoir W/Decal .....       | 1    |
| 2    | 103-1948    | Cap, Hydraulic Reservoir .....     | 1    |
| 3    | 103-1949    | Gasket, Reservoir Cap .....        | 1    |
| 4    | 321-6       | Screw, HH 1/4-20 x 1 .....         | 2    |
| 5    | 3256-22     | Washer, Flat 1/4 SAE .....         | 2    |
| 6    | 103-3071-03 | Wld, Reservoir Stand .....         | 1    |
| 7    | 103-1801    | Adapter, Straight .....            | 1    |
|      | 1-603921    | O-Ring .....                       | 1    |
| 8    | 103-1912    | Adapter, Straight .....            | 1    |
|      | 1-603921    | O-Ring .....                       | 1    |
| 9    | 103-1716    | Clamp, Hose 17/32 .....            | 3    |
| 10   | 103-1988    | Clamp, Hose 11/16 .....            | 3    |
| 11   | 103-3077    | Asm, Supply Hose .....             | 1    |
| 12   | 103-2889    | Asm, Filter Head .....             | 1    |
|      | 103-1912    | Adapter, Straight .....            | 2    |
|      | 1-603921    | O-Ring .....                       | 1    |
| 13   | 321-3       | Screw, HH 1/4-20 x 5/8 .....       | 2    |
| 14   | 322-5       | Screw, HH 5/16-18 x 1 .....        | 1    |
| 15   | 1-805004    | Washer, Lock 1/4 Heavy .....       | 2    |
| 16   | 1-513211    | Element, Oil Filter .....          | 1    |
| ▼    | 1-523541    | Element, Oil Filter (Winter) ..... | 1    |
| 17   | 103-2930    | Asm, Charge Hose .....             | 1    |
| 18   | 103-2357    | Asm, Case Drain Hose .....         | 1    |
| 19   | 103-4021    | Hose, RH Rear .....                | 1    |
| 20   | 1-653187    | Hose, RH Front .....               | 2    |
| 21   | 103-2153    | Elbow, 90° (LH Wheel Motor) .....  | 2    |
|      | 1-603920    | O-Ring .....                       | 1    |
|      | 1-603992    | O-Ring .....                       | 1    |
| 22   | 103-4695    | Motor, Wheel .....                 | 2    |
|      | 1-000138    | Kit, Bearing .....                 | 1    |
|      | 1-000119    | Kit, Seal .....                    | 1    |
| 23   | 103-1799    | Elbow, 90° .....                   | 2    |
|      | 1-603921    | O-Ring .....                       | 1    |
| 24   | 1-807272    | Key 5 x 5 x 25mm .....             | 2    |
| 25   | 103-1802    | Elbow, 90° .....                   | 2    |
|      | 1-603921    | O-Ring .....                       | 1    |
| 26   | 322-3       | Screw, HH 5/16-18 x 3/4 .....      | 1    |
| 27   | 32128-20    | Nut, Whizlock 5/16-18 .....        | 2    |
| 28   | 103-4040    | Pump, Hydro .....                  | 2    |
|      | 103-2664    | Kit, Input Shaft 10A .....         | 1    |
|      | 94-6922     | Kit, Thrust Bearing 10A .....      | 1    |
|      | 103-2666    | Kit, Cylinder Block 10A .....      | 1    |

| Item | Part No. | Description                         | Qty. |
|------|----------|-------------------------------------|------|
|      | 105-6184 | Kit, Overhaul Seal .....            | 1    |
|      | 103-4237 | Kit, Shock Valve 2300psi .....      | 1    |
| 29   | 103-4022 | Hose, LH Rear .....                 | 1    |
| 30   | 103-4797 | Elbow, 90° (RH Wheel Motor) .....   | 2    |
|      | 1-603920 | O-Ring .....                        | 1    |
|      | 1-603992 | O-Ring .....                        | 1    |
| 31●  | 3290-357 | Nut, Whizlock 3/8-16 .....          | 7    |
| ★    | 3290-357 | Nut, Whizlock 3/8-16 .....          | 6    |
| 32   | 323-7    | Screw, HH 3/8-16 x 1 1/4 .....      | 4    |
| 33   | 103-1940 | Adapter, Straight Long .....        | 3    |
|      | 1-603920 | O-Ring .....                        | 1    |
|      | 1-603992 | O-Ring .....                        | 1    |
| 34◆  | 1-803050 | Setscrew, 5/16-18 x 3/4 .....       | 4    |
| 35   | 1-653156 | Sheave, Pump Drive 44" & 48" .....  | 2    |
| 36   | 103-1767 | Spring .....                        | 1    |
| 37   | 3296-39  | Nut, Nyloc 3/8-16 .....             | 1    |
| 38   | 98-5975  | Washer, Spring Disk 3/8 .....       | 1    |
| 39●  | 63-8410  | Washer .....                        | 1    |
| 40●  | 103-4681 | Bearing .....                       | 2    |
| 41✱  | 103-5699 | Kit, Idler Arm W/Bearings .....     | 1    |
| 42   | 302-40   | Zerk, 90° 1/4-28 .....              | 1    |
| 43●  | 323-9    | Screw, HH 3/8-16 x 1 3/4 .....      | 2    |
| ★    | 323-9    | Screw, HH 3/8-16 x 1 3/4 .....      | 1    |
| 44●  | 323-13   | Screw, HH 3/8-16 x 2 3/4 .....      | 1    |
| ★    | 323-15   | Screw, HH 3/8-16 x 3 1/2 .....      | 1    |
| 45   | 3256-4   | Washer, 3/8 Std .....               | 1    |
| 46●  | 1-603044 | Bushing, Idler Pivot .....          | 1    |
| 47●  | 1-603496 | Bushing, Idler .....                | 1    |
| 48   | 1-603843 | Pulley, Idler .....                 | 1    |
| 49   | 3256-24  | Washer, 3/8 SAE .....               | 1    |
| 50   | 103-4760 | Belt, Pump .....                    | 1    |
| 51   | 103-4020 | Adapter, Straight .....             | 1    |
|      | 1-603920 | O-Ring .....                        | 1    |
|      | 1-603992 | O-Ring .....                        | 1    |
| 52★  | 103-3506 | Seal, Single Lip .....              | 1    |
| 53★  | 32120-10 | Ring, Retaining .....               | 2    |
| 54★  | 103-3504 | Bearing, Spherical .....            | 2    |
| 55★  | 106-7159 | O-ring .....                        | 2    |
| 56★  | 103-5677 | Spacer .....                        | 1    |
| 57★  | 103-3505 | Seal, Double, Lip .....             | 1    |
| 58★  | 3234-11  | Screw, HH Whizlock 3/8-16 x 1 ..... | 1    |

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

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

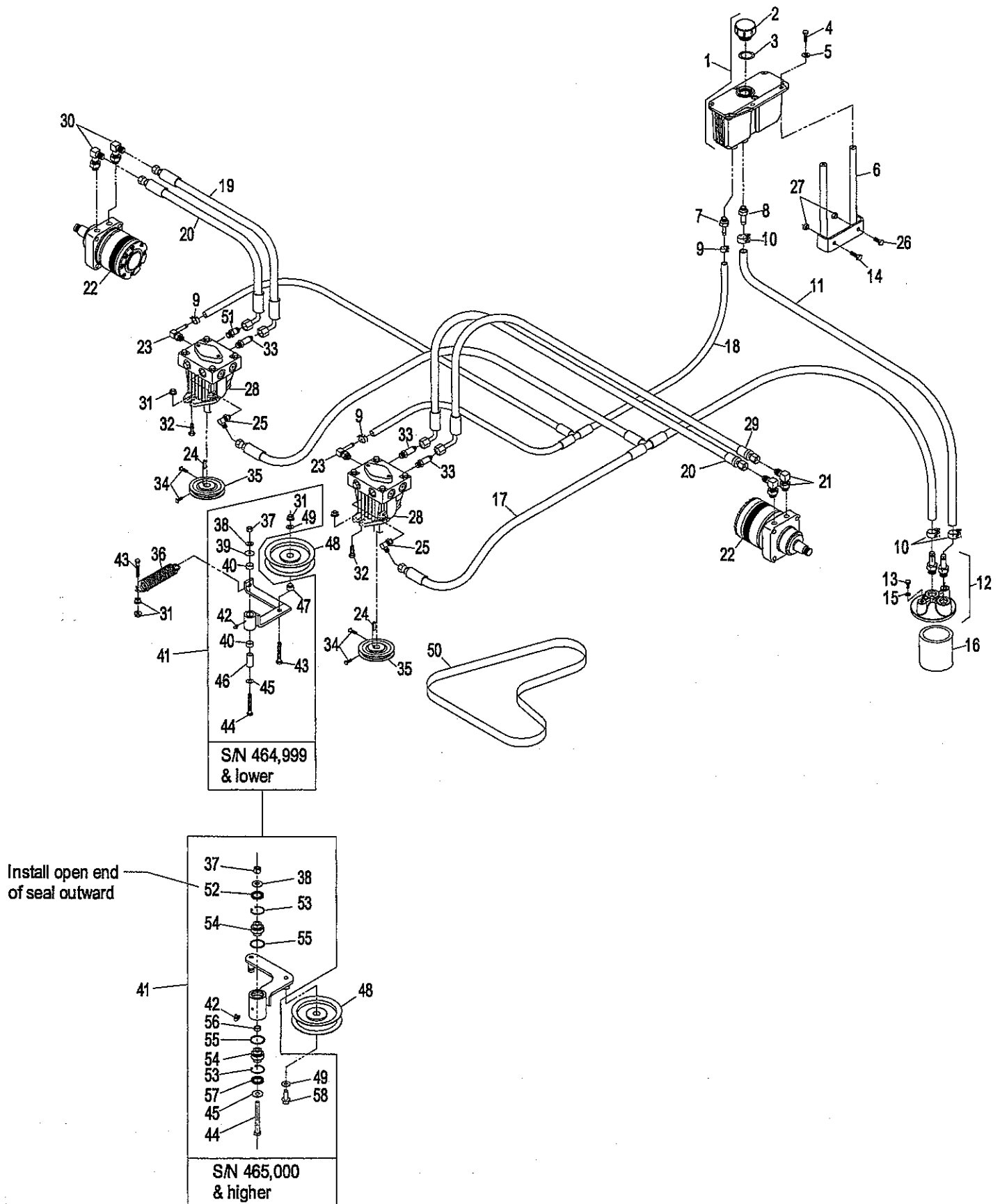
◆ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on setscrews.

● This component is required for units with S/N 464,999 and lower.

★ This component is required for units with S/N 465,000 and higher.

✱ 103-5699 kit includes components shown for S/N 465,000 and higher and services all serial numbers.

# HYDRAULIC GROUP



# DECAL GROUP

| Item | Part No. | Description                      | Qty. |
|------|----------|----------------------------------|------|
| 1▲   | 103-3995 | Decal, Console.....              | 1    |
| 2    | 107-2112 | Decal, Danger Slope.....         | 1    |
| 3    | 1-523552 | Decal, Hyd Tank/Hot Surface..... | 1    |
| 4    | 103-2644 | Decal, Exhaust system.....       | 1    |
| 5    | 103-1077 | Decal, Bolt Torque .....         | 1    |
| 6    | 1-513742 | Decal, No Step.....              | 2    |
| 7    | 1-633922 | Decal, Anti-Scalp .....          | 1    |
| 8    | 1-513748 | Decal, Guard.....                | 1    |
| 9    | 1-653147 | Decal, Deck Height .....         | 1    |
| 10   | 1-513746 | Decal, Muffler.....              | 1    |
| 11   | 1-653477 | Decal, Belt Routing .....        | 1    |
| 12   | 1-303508 | Decal, Discharge Warning.....    | 1    |
| 13   | 1-403005 | Decal, Danger.....               | 2    |
| 14   | 1-303520 | Decal, Trivantage.....           | 1    |
| 15   | 1-523417 | Decal, Commercial 44.....        | 1    |

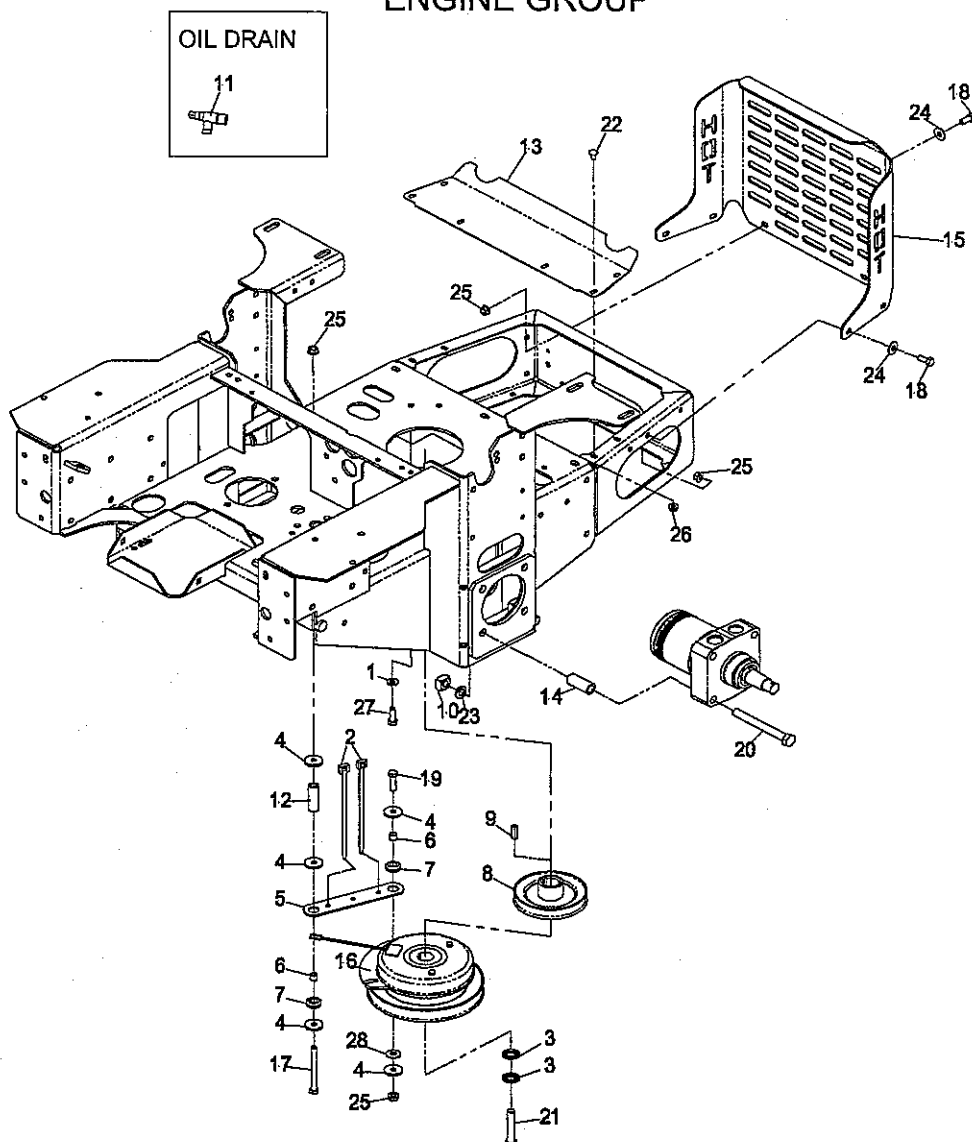
| Item | Part No. | Description                 | Qty. |
|------|----------|-----------------------------|------|
| 16   | 1-403131 | Decal, Commercial 48.....   | 1    |
| 17   | 103-4112 | Decal, LCT Model.....       | 1    |
| 18   | 107-2102 | Decal, Rops Folding.....    | 1    |
| 19●  | 103-4337 | Decal, Check Service.....   | 1    |
| 20   | 103-2882 | Decal, Exmark Logo.....     | 1    |
| 21   | 98-5954  | Decal, Missing Cover.....   | 2    |
| 22   | 1-643401 | Decal, Mercury Switch ..... | 1    |
| 23★  | 103-6318 | Decal, Check Service.....   | 1    |
| 24■  | 103-4903 | Decal, Ignition/PTO.....    | 1    |
| 25■  | 103-4892 | Decal, Throttle LHP .....   | 1    |
| 26▲  | 103-0262 | Decal, Fuel Valve.....      | 1    |
| 27   | 103-1997 | Decal, Top Console .....    | 1    |
| 28■  | 103-4930 | Decal, Choke .....          | 1    |
| 29■  | 103-4891 | Decal, Console .....        | 1    |
|      | 103-5996 | Decal Kit.....              | 1    |

- ▲ This component is required for units with S/N 457,999 and lower.
- This component is required for units with S/N 458,000 and higher.
- This component is required for units with S/N 464,999 and lower.
- ★ This component is required for units with S/N 465,000 and higher.

↑



# ENGINE GROUP



| Item | Part No.    | Description                      | Qty. |
|------|-------------|----------------------------------|------|
| 1    | 1-303334    | Washer, Spring Disk 5/16.....    | 4    |
| 2    | 1-303335    | Tie, Cable 7 15/16 (Large) ..... | 2    |
| 3    | 1-603610    | Washer, Spring Disk 7/16.....    | 2    |
| 4    | 1-613235    | Washer .....                     | 5    |
| 5    | 1-633543-03 | Strap, Clutch/Brake.....         | 1    |
| 6    | 1-633545    | Spacer, Grommet.....             | 2    |
| 7    | 1-633630    | Grommet, Brake.....              | 2    |
| 8    | 1-653035    | Sheave, W/Hub.....               | 1    |
| 9    | 1-807259    | Key, Machine 1/4 x 1/4 x 1 ..... | 1    |
| 10   | 103-0131    | Nut, Square 1/2-13.....          | 8    |
| 11▼  | 103-1965    | Valve, Oil Drain .....           | 1    |
| 12   | 103-2614    | Spacer .....                     | 1    |
| 13   | 103-2740-03 | Deflector, Short.....            | 1    |
| 14   | 103-4042    | Spacer, Wheel Motor .....        | 8    |

| Item | Part No.    | Description                       | Qty. |
|------|-------------|-----------------------------------|------|
| 15   | 103-4048-03 | Bumper, Rear .....                | 1    |
| 16   | 104-3624    | Clutch, Electric, PTO.....        | 1    |
| 17   | 322-22      | Screw, HH 5/16-18 x 3 1/2 .....   | 1    |
| 18   | 322-3       | Screw, HH 5/16-18 x 3/4.....      | 6    |
| 19   | 322-6       | Screw, HH 5/16-18 x 1 1/4 .....   | 1    |
| 20   | 325-18      | Screw, HH 1/2-13 x 4 1/2.....     | 8    |
| 21◆  | 3212-10     | Screw, HH 7/16-20 x 2 1/2 .....   | 1    |
| 22   | 3229-10     | Bolt, Carriage 1/4-20 x 3/4 ..... | 4    |
| 23   | 3253-7      | Washer, Lock 1/2.....             | 8    |
| 24   | 3256-24     | Washer, 3/8 SAE .....             | 6    |
| 25   | 32128-20    | Nut, Whizlock 5/16-18.....        | 8    |
| 26   | 32128-33    | Nut, Whizlock 1/4-20.....         | 4    |
| 27   | 33114-025   | Screw, HH M8-1.25 x 25mm .....    | 4    |
| 28   | 3256-3      | Washer, 5/16 Std.....             | 1    |

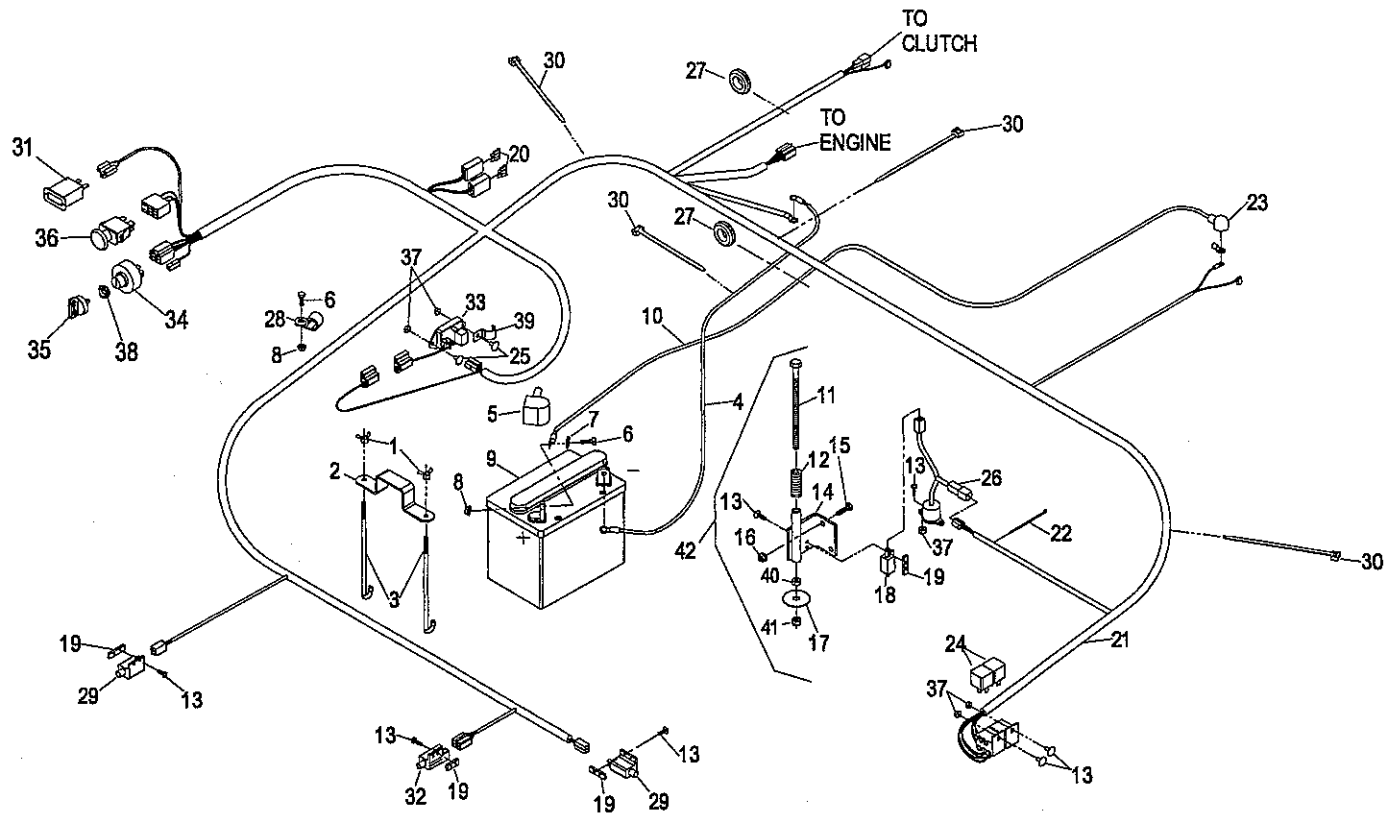
Exmark black touch up spray paint – gloss black.

- ▼ 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.

This exploded view diagram illustrates the electrical system components of a vehicle, including the battery (9), alternator (11), starter motor (12), and various wiring harnesses and connectors. The components are numbered 1 through 44. Key labels include 'TO CLUTCH' and 'TO ENGINE', indicating the direction of power flow. The diagram shows the battery connected to the starter motor and the alternator, with various wires and connectors leading to the clutch and engine. The starter motor is shown with its solenoid and gear, and the alternator is shown with its pulley and belt. The wiring harnesses are shown with their respective connectors and terminals.

| Item | Part No. | Description                       | Qty. |
|------|----------|-----------------------------------|------|
| 24   | 1-643275 | Relay, 12 V .....                 | 2    |
| 25   | 1-807513 | Bolt, Carriage #10-24 x 1/2 ..... | 4    |
| 26   | 1-633782 | Switch, Tilt .....                | 1    |
| 27   | 1-543286 | Grommet .....                     | 2    |
| 28   | 1-633396 | Clip, Loom 5/8 .....              | 2    |
| 29   | 1-513051 | Switch, Drive Lever N.C.....      | 2    |
| 30   | 1-303335 | Tie, Cable 7 15/16 (Large) .....  | 4    |
| 31   | 1-513374 | Meter, Engine Hours .....         | 1    |
| 32   | 1-633111 | Switch, Brake N.O./N.C. ....      | 1    |
| 33   | 100-6186 | Module, Seat Delay .....          | 1    |
| 34   | 103-0206 | Switch, Ignition W/Keys .....     | 1    |
| 35   | 103-2106 | Key, Exmark Logo .....            | 1    |
|      | 1-603511 | Key, Ignition.....                | 1    |
| 36   | 1-633673 | Switch, Blade.....                | 1    |
| 37   | 3296-2   | Nut, Nyloc #10-20 .....           | 7    |
| 38   | 103-0498 | Nut, Ignition .....               | 1    |
| 39   | 1-807533 | Bolt, Carriage 10-24 x 5/8 .....  | 1    |
| 40   | 3256-14  | Washer, #10 Std.....              | 1    |
| 41   | 103-1193 | Clip, Loom Half .....             | 1    |
| 42   | 3217-6   | Nut, Hex 5/16-18.....             | 1    |
| 43   | 3296-29  | Nut, Nyloc 5/16-18.....           | 1    |
| 44   | 103-5685 | Asm, Seat Switch Actuator.....    | 1    |

# ELECTRICAL GROUP FOR S/N 458,000 and HIGHER



| Item | Part No.    | Description                      | Qty. |
|------|-------------|----------------------------------|------|
| 1    | 1-543792    | Wingnut, Nyloc 1/4-20.....       | 2    |
| 2    | 1-633652-03 | Strap, Battery Holdown .....     | 1    |
| 3    | 1-633651    | Bolt, Battery Holdown.....       | 2    |
| 4    | 1-543767    | Cable, Ground (-).....           | 1    |
| 5    | 1-543391    | Insulator, Battery.....          | 1    |
| 6    | 321-4       | Screw, HH1/4-20 x 3/4 .....      | 3    |
| 7    | 3256-2      | Washer, 1/4 Flat .....           | 2    |
| 8    | 32128-33    | Nut, Whizlock 1/4-20 .....       | 3    |
| 9    | 103-0293    | Battery, 12V.....                | 1    |
| 10   | 1-523281    | Cable, Battery (+).....          | 1    |
| 11   | 1-800282    | Screw, HH 5/16-18 x 7 .....      | 1    |
| 12   | 1-523415    | Spring, Seat Switch.....         | 1    |
| 13   | 3290-500    | Screw, PPH #10-24 x 5/8 .....    | 12   |
| 14   | 1-652072-03 | Bracket Wldmt, Seat Switch ..... | 1    |
| 15   | 322-3       | Screw, HH 5/16-18 x 3/4 .....    | 2    |
| 16   | 32128-20    | Nut, Whizlock 5/16-18 .....      | 2    |
| 17   | 1-653036    | Washer .....                     | 1    |
| 18   | 1-513152    | Switch, Seat.....                | 1    |
| 19   | 1-633181    | Plate .....                      | 4    |
| 20   | 1-816001    | Fuse-20 Amp .....                | 2    |
| 21♦  | 103-5811    | Harness, Wiring .....            | 1    |
| 22   | 1-303287    | Tie, Cable 5 1/2 (Small).....    | 1    |

| Item | Part No. | Description                          | Qty. |
|------|----------|--------------------------------------|------|
| 23   | 1-543393 | Insulator, Solenoid (+).....         | 1    |
| 24   | 1-643275 | Relay, 12 V .....                    | 2    |
| 25   | 1-803075 | Screw, Truss Head #10-24 X 3/4 ..... | 2    |
| 26   | 1-633782 | Switch, Tilt .....                   | 1    |
| 27   | 1-543286 | Grommet .....                        | 2    |
| 28   | 1-633396 | Clip, Loom 5/8 .....                 | 1    |
| 29   | 1-513051 | Switch, Drive Lever N.C. ....        | 2    |
| 30   | 1-303335 | Plastic Tie, 7 15/16 (Large).....    | 4    |
| 31   | 1-513374 | Meter, Engine Hours.....             | 1    |
| 32   | 1-633111 | Switch, Brake N.O./N.C. ....         | 1    |
| 33   | 100-6186 | Module, Seat Delay .....             | 1    |
| 34   | 103-0206 | Switch, Ignition W/Keys .....        | 1    |
| 35   | 103-2106 | Key, Exmark Logo .....               | 1    |
|      | 1-603511 | Key, Ignition.....                   | 1    |
| 36   | 1-633673 | Switch, Blade.....                   | 1    |
| 37   | 3296-2   | Nut, Nyloc #10-20 .....              | 6    |
| 38   | 103-0498 | Nut, Ignition .....                  | 1    |
| 39   | 103-1193 | Clip, Loom Half.....                 | 1    |
| 40   | 3217-6   | Nut, Hex 5/16-18.....                | 1    |
| 41   | 3296-29  | Nut, Nyloc 5/16-18.....              | 1    |
| 42   | 103-5685 | Asm, Seat Switch Actuator.....       | 1    |

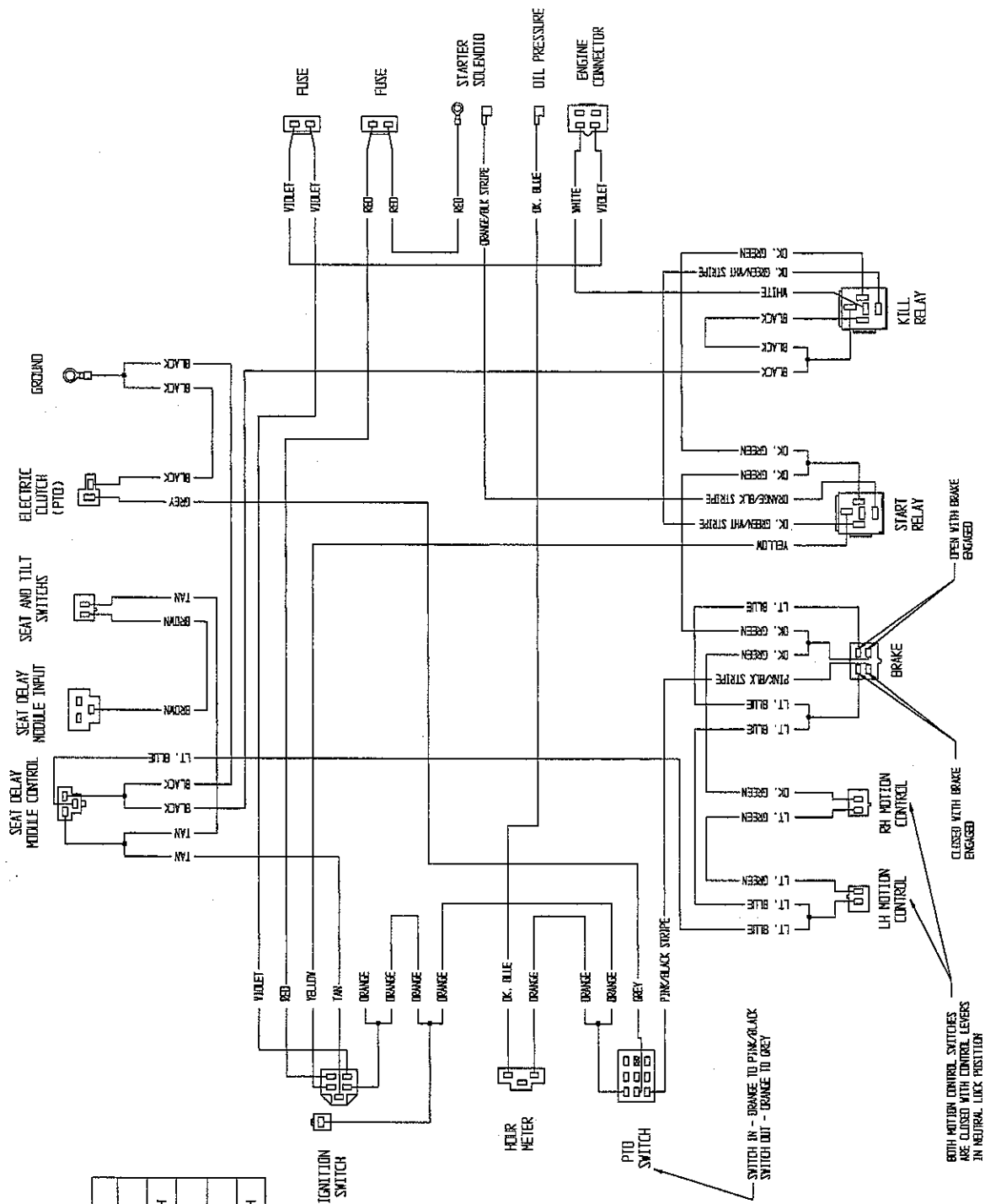
♦ Use dielectric grease on all wiring harness connectors.

IGNITION SWITCH

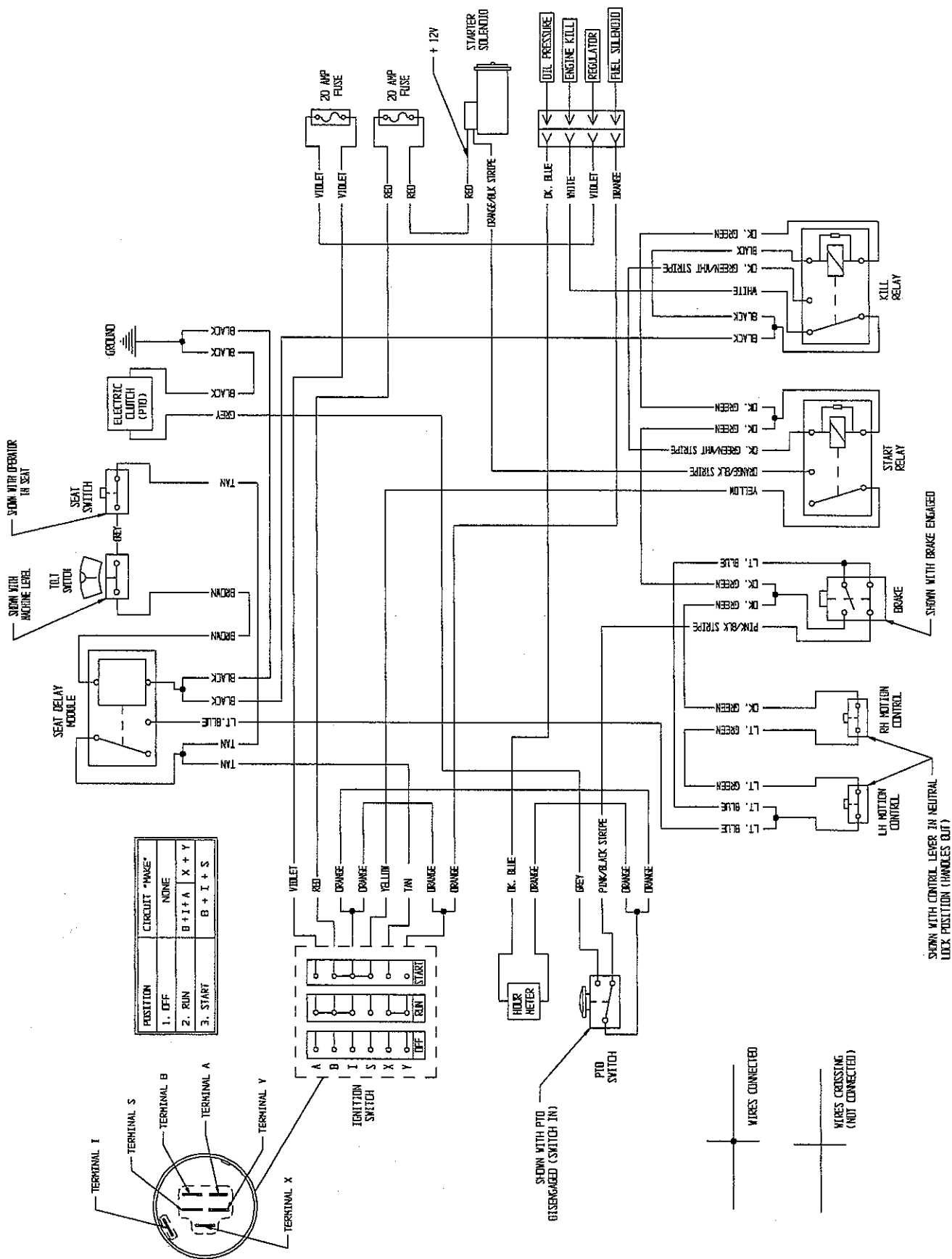
A diagram of a circular device, possibly a probe or sensor, with five terminals labeled I, S, A, B, and V. Terminal I is at the top, S is at the bottom, A is on the left, B is on the right, and V is at the center. The device has a circular body with a central vertical slot and two horizontal slots on either side.

| POSITION | CIRCUIT "MAKE" |       |
|----------|----------------|-------|
| 1. OFF   | NONE           |       |
| 2. RUN   | B + I + A      | X + Y |
| 3. START | B + I + S      |       |

NOTE:  
CONNECTORS VIEWED FROM WIRE END.



## KOHLER ELECTRICAL SCHEMATIC



## 4-

4-

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