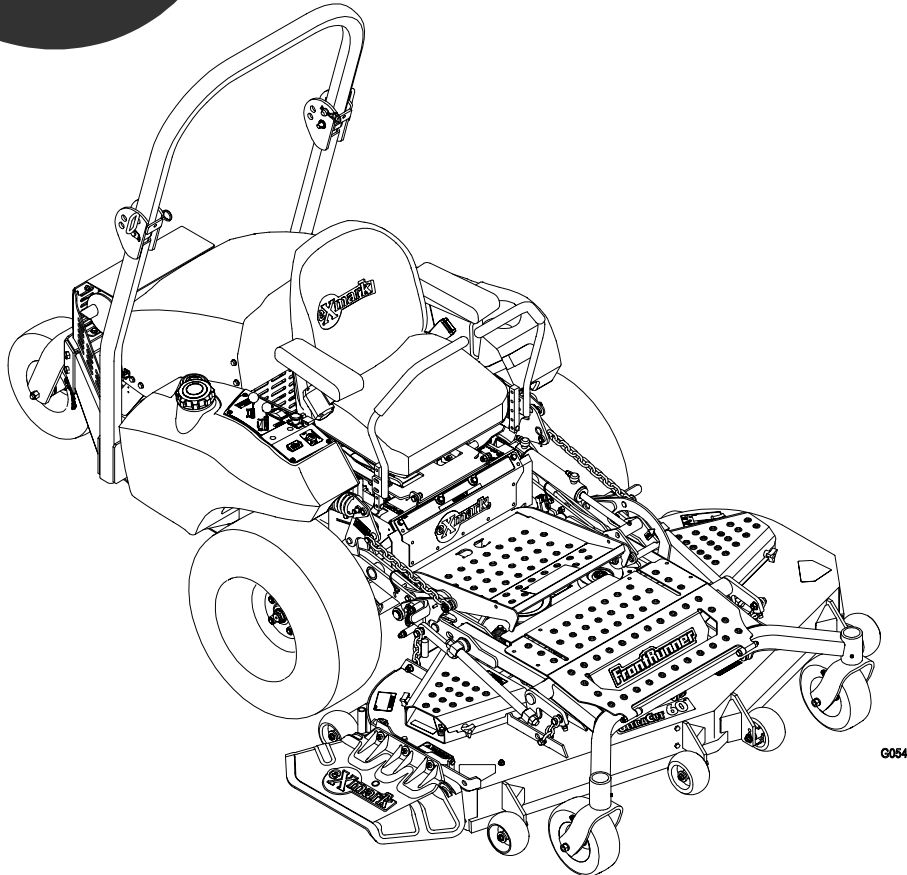




For Serial Nos.  
600,000 & Higher



PARTS MANUAL

# FRONTRUNNER

## AIR-COOLED MODELS

**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 on the right side of the unit under the fuel tank. 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

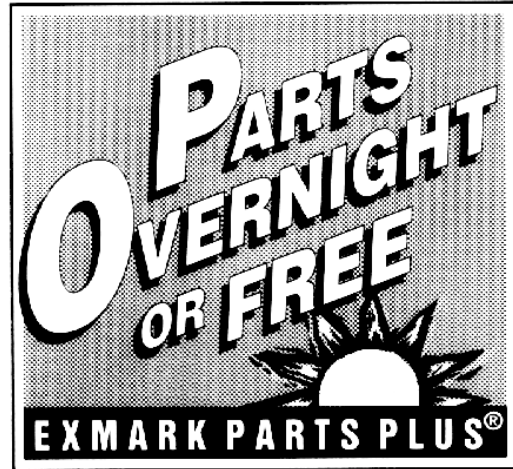
EFFECTIVE DATE: September 1, 1995

## 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 3:00p.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 48 contiguous 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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## MAIN FRAME GROUP

| Item | Part No.    | DESCRIPTION                         | Qty. |
|------|-------------|-------------------------------------|------|
| 1    | 1-323142    | Nut, Push 1/2 .....                 | 2    |
| 2    | 109-2365    | Bumper .....                        | 2    |
| 3    | 109-3339    | Asm, Wheel & Tire 20HP & 23HP ..... | 2    |
|      | 1-633008    | Tire, 23x10.5-12 4 Ply .....        | 2    |
|      | 109-33389   | Wheel .....                         | 2    |
| 4    | 1-633859    | Frame, Seat .....                   | 1    |
| 5    | 1-803035    | Rivet 3/16 x 1/4 .....              | 9    |
| 6    | 98-5975     | Washer, Spring Disk 3/8 .....       | 8    |
| 7    | 103-0291    | Cushion, Armrest LH .....           | 1    |
| 8    | 103-0292    | Cushion, Armrest RH .....           | 1    |
| 9    | 103-2882    | Decal, Exmark Logo .....            | 2    |
| 10   | 103-3520    | Seat, Back .....                    | 1    |
| 11■  | 103-4553    | Asm, ROPS Fold Pin .....            | 2    |
| 12   | 1-543401    | Spacer, Seat Track .....            | 2    |
| 13   | 103-8383    | Screw, HWH 1/4-20 x 3/4 Tap .....   | 11   |
| 14   | 103-5161    | Link, Seat Stop .....               | 2    |
| 15+  | 103-6761    | Asm, Seat Frame .....               | 1    |
| 16   | 103-6765-03 | Latch, Seat .....                   | 1    |
| 17   | 32128-33    | Nut, Whizlock 1/4-20 .....          | 2    |
| 18   | 9264964     | Bolt, HWH 5/16-18 x 3/4 Tap .....   | 4    |
| 19   | 32128-20    | Nut, Whizlock 5/16-18 .....         | 16   |
| 20   | 3296-73     | Nut, Nyloc 1/4-20 .....             | 2    |
| 21   | 103-8316    | Spring .....                        | 1    |
| 22   | 103-8826    | Link, Lower Seat Stop .....         | 2    |
| 23   | 103-6761    | Plate, Seat Mount .....             | 1    |
| 24   | 1-633080    | Bushing .....                       | 2    |
| 25◆  | 109-2817    | Kit, ROPS .....                     | 1    |
| 26   | 107-2102    | Decals, Warning .....               | 1    |
| 27   | 107-3155    | Cotter, Hair Pin Double Loop .....  | 2    |
| 28   | 109-3633-03 | Spacer, Seat Mount .....            | 2    |

| Item | Part No. | DESCRIPTION                         | Qty. |
|------|----------|-------------------------------------|------|
| 29   | 3296-7   | Nut, Nyloc 7/16-20 .....            | 2    |
| 30   | 109-0768 | Skirt, Rubber .....                 | 1    |
| 31   | 109-3547 | Asm, Front Console W/Decal .....    | 1    |
| 32   | 109-2008 | Cushion, Seat Bottom/W Switch ..... | 1    |
| 33   | 109-2009 | Grp, Seat Track .....               | 1    |
| 34●  | 109-2005 | Asm, Seat W/Decal .....             | 1    |
| 35   | 109-2360 | Decal, Top Console .....            | 1    |
| 36   | 109-2365 | Bumper, Rubber W/Stud .....         | 2    |
| 37   | 3296-39  | Nut, Nyloc 3/8-16 .....             | 4    |
| 38   | 109-3637 | Decal, Service Aid .....            | 1    |
| 39   | 110-0413 | Kit, Seatbelt .....                 | 1    |
| 40   | 242-50   | Nut, Lug 1/2-20 .....               | 8    |
| 41   | 283-69   | Pin, Clevis 1/2 x 3 1/2 .....       | 2    |
| 42   | 322-5    | Screw, HH 5/16-18 x 1 .....         | 8    |
| 43   | 322-7    | Screw, HH 5/16-18 x 1 1/2 .....     | 2    |
| 44   | 323-6    | Screw, HH 3/8-16 x 1 .....          | 2    |
| 45   | 323-8    | Screw, HH 3/8-16 x 1 1/2 .....      | 8    |
| 46   | 323-9    | Screw, HH 3/8-16 x 1 3/4 .....      | 2    |
| 47   | 3212-4   | Screw, HH 7/16-20 x 1 .....         | 2    |
| 48   | 3296-29  | Nut, Nyloc 5/16-18 .....            | 4    |
| 49   | 3256-3   | Washer, 5/16 Std .....              | 6    |
| 50   | 3256-4   | Washer, 3/8 Std .....               | 1    |
| 51   | 3290-357 | Nut, Whizlock 3/8-16 .....          | 8    |
| 52   | 109-3479 | Asm, Wheel & Tire (LH) 27HP .....   | 1    |
|      | 109-3156 | Wheel .....                         | 1    |
|      | 103-6771 | Tire, 24x12-12 4 Ply .....          | 1    |
| 53   | 109-3478 | Asm, Wheel & Tire (RH) 27HP .....   | 1    |
|      | 109-3156 | Wheel .....                         | 1    |
|      | 103-6771 | Tire, 24x12-12 4 Ply .....          | 1    |
| 54   | 3256-14  | Washer, #10 Std .....               | 9    |

Exmark black touch up spray paint – Gloss black

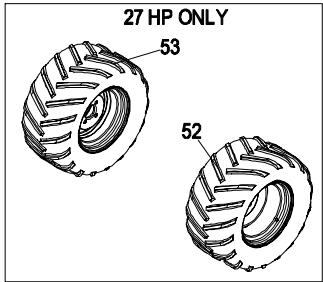
■ Includes ROPS fold pin plus hairpin, item #27.

◆ 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 #15 and seat belt assembly item #39.

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

+ Does not include item #19 or #48.

## MAIN FRAME GROUP



## MAIN FRAME GROUP (cont.)

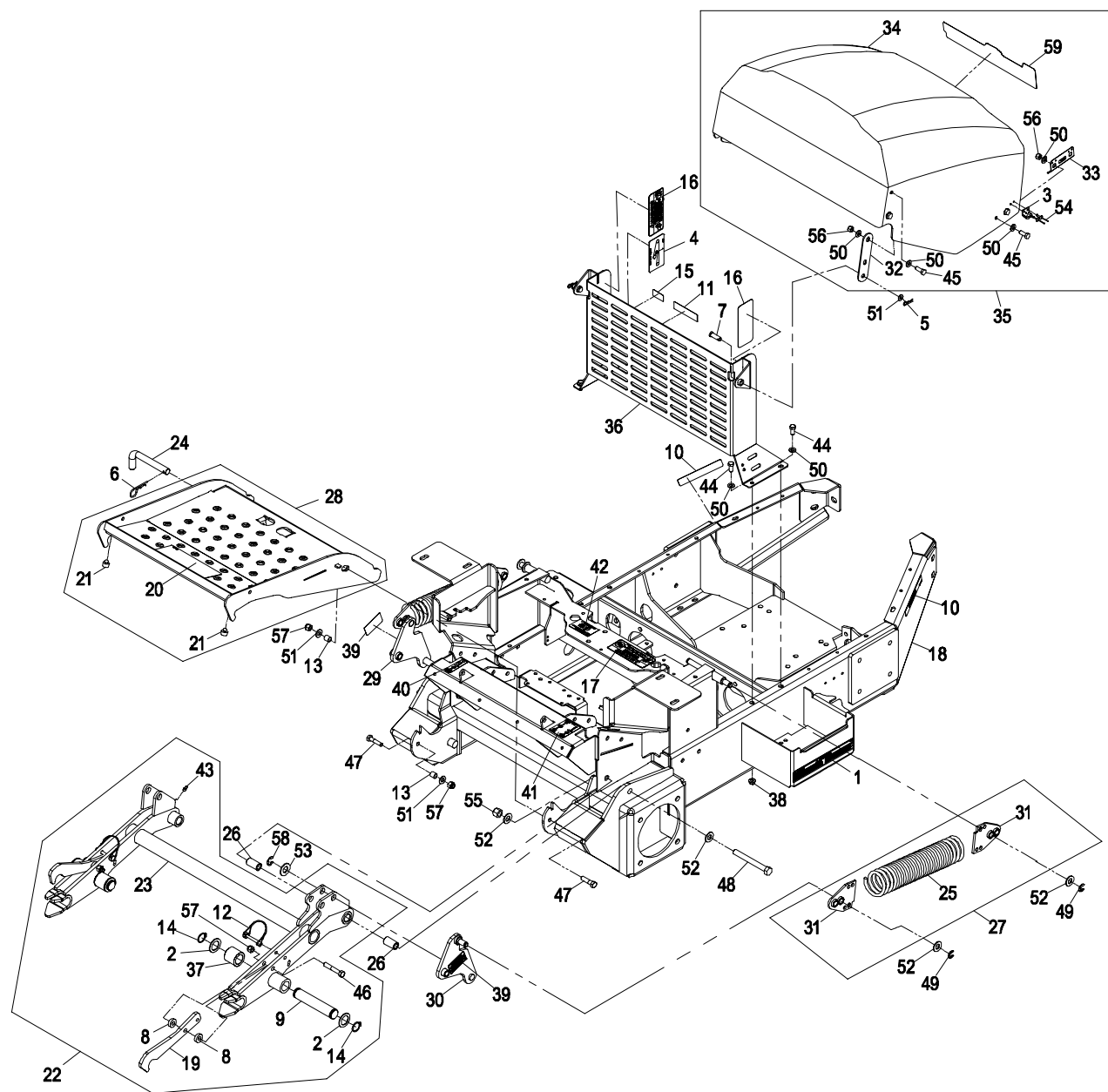
| Item | Part No.    | DESCRIPTION                              | Qty. |
|------|-------------|------------------------------------------|------|
| 1    | 1-513747    | Decal, Battery .....                     | 1    |
| 2    | 1-523157    | Washer .....                             | 4    |
| 3    | 1-643189    | Keeper, Rubber Latch .....               | 2    |
| 4    | 1-643339    | Belt Routing, Decal .....                | 1    |
| 5    | 1-806003    | Hairpin, Cotter.....                     | 2    |
| 6    | 1-806005    | Hairpin, Cotter.....                     | 1    |
| 7    | 1-808285    | Pin, Clevis 3/8 x 1 1/8 .....            | 2    |
| 8    | 5-0652      | Spacer .....                             | 4    |
| 9    | 93-2699     | Pin .....                                | 2    |
| 10   | 98-4361     | Decal, Warning .....                     | 2    |
| 11   | 98-5954     | Decal, Danger .....                      | 1    |
| 12   | 100-1663    | Pin .....                                | 2    |
| 13   | 103-1166    | Tube, Pump Link Spacer .....             | 2    |
| 14   | 32151-36    | Ring, Retaining .....                    | 4    |
| 15   | 103-3270    | Decal, 3750 Rpm .....                    | 1    |
| 16   | 103-5881    | Decal, Guard.....                        | 2    |
| 17   | 103-7218    | Decal, Pump Fan Warning.....             | 1    |
| 18   | 109-2765    | Asm, Frame W/Decals.....                 | 1    |
| 19   | 103-9727    | Latch, Hitch.....                        | 2    |
| 20   | 107-2112    | Decal, Danger .....                      | 1    |
| 21   | 107-8042    | Bumper, Rubber.....                      | 2    |
| 22   | 109-0075    | Asm, Hitch .....                         | 1    |
| 23   | 109-0080-03 | Wld, Hitch .....                         | 1    |
| 24   | 109-0325    | Pin, Full Fold.....                      | 1    |
| 25   | 109-0411    | Spring .....                             | 2    |
| 26   | 109-0435    | Bushing.....                             | 4    |
| 27   | 109-0450    | Asm, Spring .....                        | 2    |
| 28   | 109-2772    | Asm, Floorpan W/Decal.....               | 1    |
| 29   | 109-2773    | Asm, Spring Bellcrank W/Decal (RH).....  | 1    |
| 30   | 109-2774    | Asm, Spring Bellcrank W/Decal (LH) ..... | 1    |

| Item | Part No.    | DESCRIPTION                         | Qty. |
|------|-------------|-------------------------------------|------|
| 31   | 109-0634    | Wld, Spring Anchor.....             | 4    |
| 32   | 109-1256-03 | Arm, Pivot.....                     | 2    |
| 33   | 109-1257-03 | Hook, Hood.....                     | 2    |
| 34   | 109-2114    | Decal, Frontrunner.....             | 1    |
| 35   | 109-2857    | Asm, Hood.....                      | 1    |
| 36   | 109-2777    | Asm, Hood Support W/Decals .....    | 1    |
| 37   | 109-2004    | Roller, Lock Lever.....             | 2    |
| 38   | 32128-20    | Nut, Whizlock 5/16-18 .....         | 4    |
| 39   | 109-2355    | Decal, Spring Loaded .....          | 2    |
| 40   | 109-2356    | Decal, Motion Control .....         | 1    |
| 41   | 109-2357    | Decal, Motion Cntl/Park Brake ..... | 1    |
| 42   | 109-2396    | Decal, Pump Drive Release.....      | 1    |
| 43   | 302-19      | Zerk, 1/4-28 Str.....               | 2    |
| 44   | 322-3       | Screw, HH 5/16-18 x 3/4.....        | 4    |
| 45   | 322-4       | Screw, HH 5/16-18 x 7/8.....        | 8    |
| 46   | 323-11      | Screw, HH 3/8-16 x 2 1/4.....       | 2    |
| 47   | 323-8       | Screw, HH 3/8-16 x 1 1/2.....       | 2    |
| 48   | 325-18      | Screw, HH 1/2-13 x 4 1/2.....       | 2    |
| 49   | 32120-47    | Ring, Retaining .....               | 4    |
| 50   | 3256-23     | Washer, 5/16 SAE .....              | 20   |
| 51   | 3256-24     | Washer, 3/8 SAE.....                | 4    |
| 52   | 3256-26     | Washer, 1/2 SAE.....                | 8    |
| 53   | 3256-27     | Washer, 5/8 SAE.....                | 2    |
| 54   | 3269-24     | Rivet .....                         | 4    |
| 55   | 3296-23     | Nut, Nyloc 1/2-13.....              | 2    |
| 56   | 3296-29     | Nut, Nyloc 5/16-18 .....            | 8    |
| 57   | 3296-39     | Nut, Nyloc 3/8-16.....              | 4    |
| 58   | 32120-19    | E-Ring .....                        | 2    |
| 59   | 109-2114    | Decal, FrontRunner .....            | 1    |

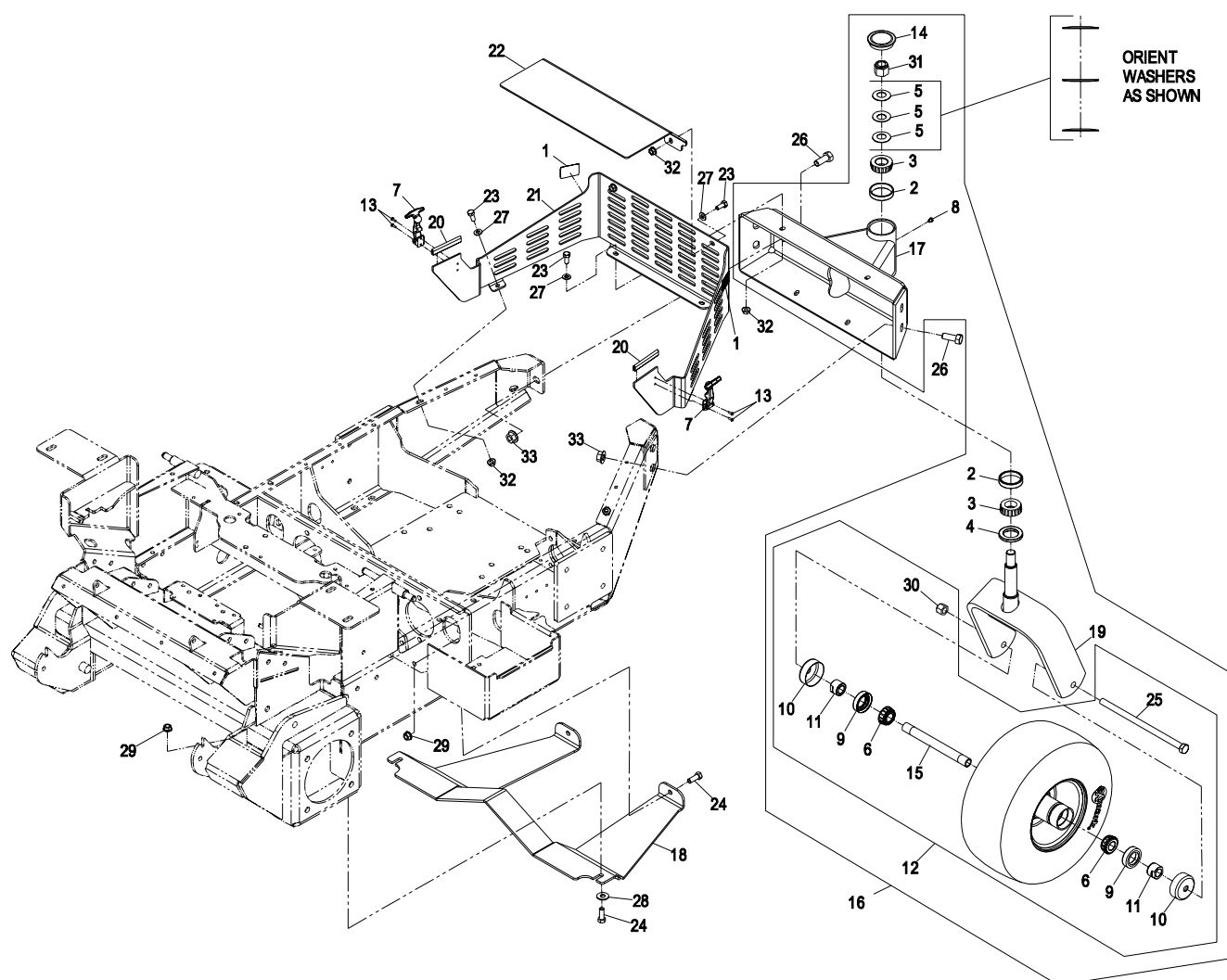
Exmark red touch up paint (spray paint - P/N 1-850337 - .6 oz liquid bottle - P/N 103-9140).

Exmark black touch up spray paint – Gloss black

## MAIN FRAME GROUP (cont.)



## REAR FRAME GROUP 20HP & 23HP

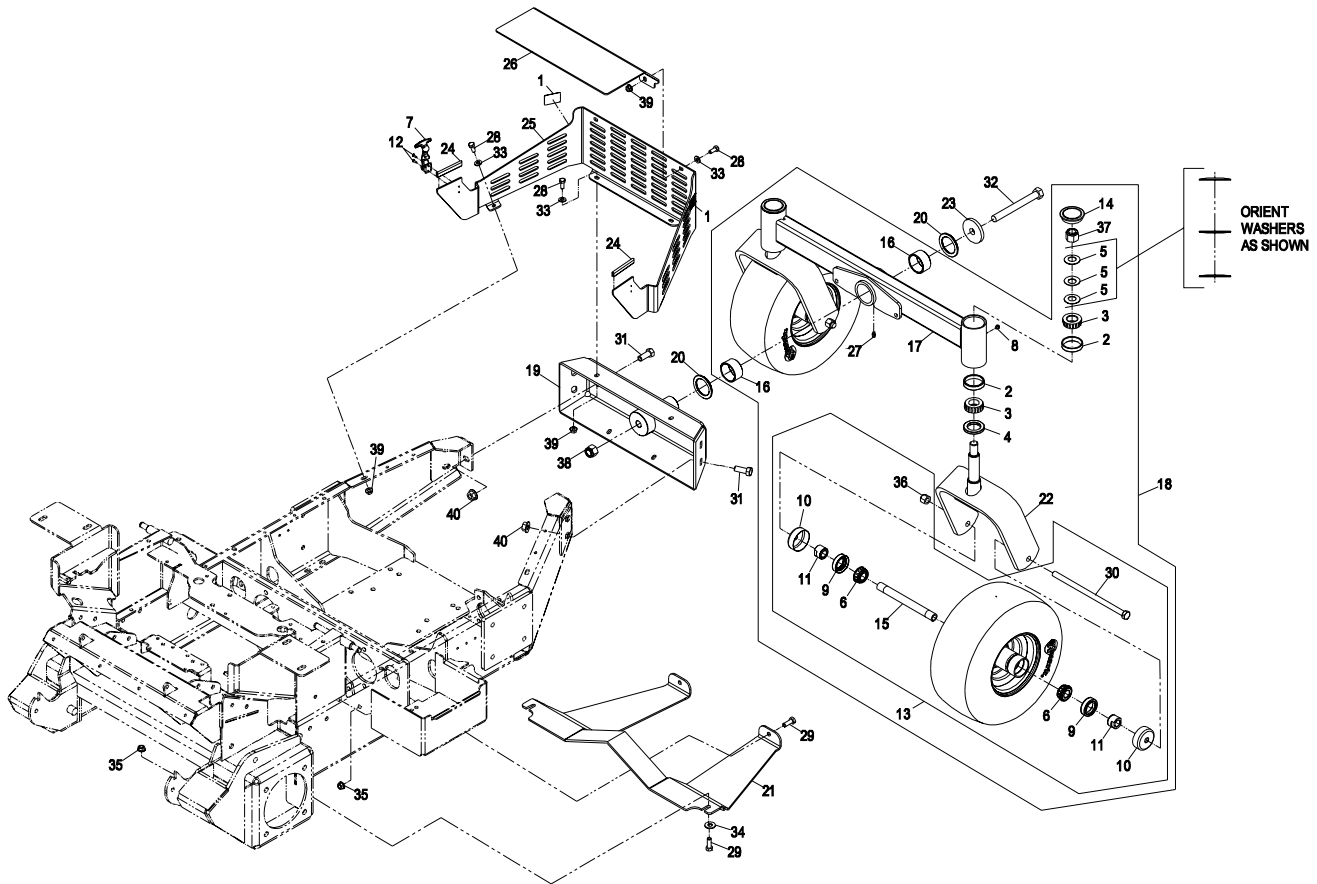


| Item | Part No.    | Description                       | Qty. |
|------|-------------|-----------------------------------|------|
| 1    | 1-513746    | Decal, Muffler.....               | 2    |
| 2    | 1-543508    | Cup, Bearing Tapered Roller.....  | 2    |
| 3    | 1-543509    | Cone, Bearing Tapered Roller..... | 2    |
| 4    | 1-543511    | Seal, Grease.....                 | 1    |
| 5    | 1-633508    | Washer, Spring Disk.....          | 3    |
| 6    | 1-633585    | Bearing, Cone Tapered Roller..... | 2    |
| 7    | 1-643188    | Latch.....                        | 2    |
| 8    | 1-811010    | Plug .....                        | 1    |
| 9    | 103-0063    | Seal, Double Lip.....             | 2    |
| 10   | 103-2768    | Guard, Seal.....                  | 2    |
| 11   | 103-3051    | Spacer, Nut.....                  | 2    |
| 12   | 103-3799    | Asm, Caster Wheel.....            | 1    |
| 13   | 923786      | Rivet .....                       | 4    |
| 14   | 103-4882    | Cap, Grease .....                 | 1    |
| 15   | 103-5156    | Axle, Caster .....                | 1    |
| 16   | 103-6704    | Asm, Single Tailwheel.....        | 1    |
| 17   | 103-6748-03 | Wld, Rear Caster Hub.....         | 1    |

| Item | Part No.    | Description                   | Qty. |
|------|-------------|-------------------------------|------|
| 18   | 103-9789-03 | Guard, Hose .....             | 1    |
| 19   | 103-9868-03 | Wld, Caster Fork .....        | 1    |
| 20   | 105-7699    | Strip, Seal.....              | 2    |
| 21   | 109-2769    | Kit, Rear Guard.....          | 1    |
| 22   | 109-0414-03 | Cover, Muffler .....          | 1    |
| 23   | 322-3       | Screw, HH 5/16-18 x 3/4.....  | 5    |
| 24   | 323-6       | Screw, HH 3/8-16 x 1.....     | 4    |
| 25   | 325-39      | Screw, HH 1/2-13 x 9 1/2..... | 1    |
| 26   | 325-5       | Screw, HH 1/2-13 x 1 1/4..... | 6    |
| 27   | 3256-23     | Washer, 5/16 SAE.....         | 5    |
| 28   | 3256-4      | Washer, 3/8 Std.....          | 2    |
| 29   | 3290-357    | Nut, Whizlock 3/8-16 .....    | 4    |
| 30   | 3296-23     | Nut, Nyloc 1/2-13.....        | 1    |
| 31   | 3296-51     | Nut, Nyloc 3/4-10.....        | 1    |
| 32   | 32128-20    | Nut, Whizlock 5/16-18 .....   | 5    |
| 33   | 32128-49    | Nut, Whizlock 1/2-13 .....    | 6    |

Exmark black touch up spray paint – Gloss black

## REAR FRAME GROUP 27HP

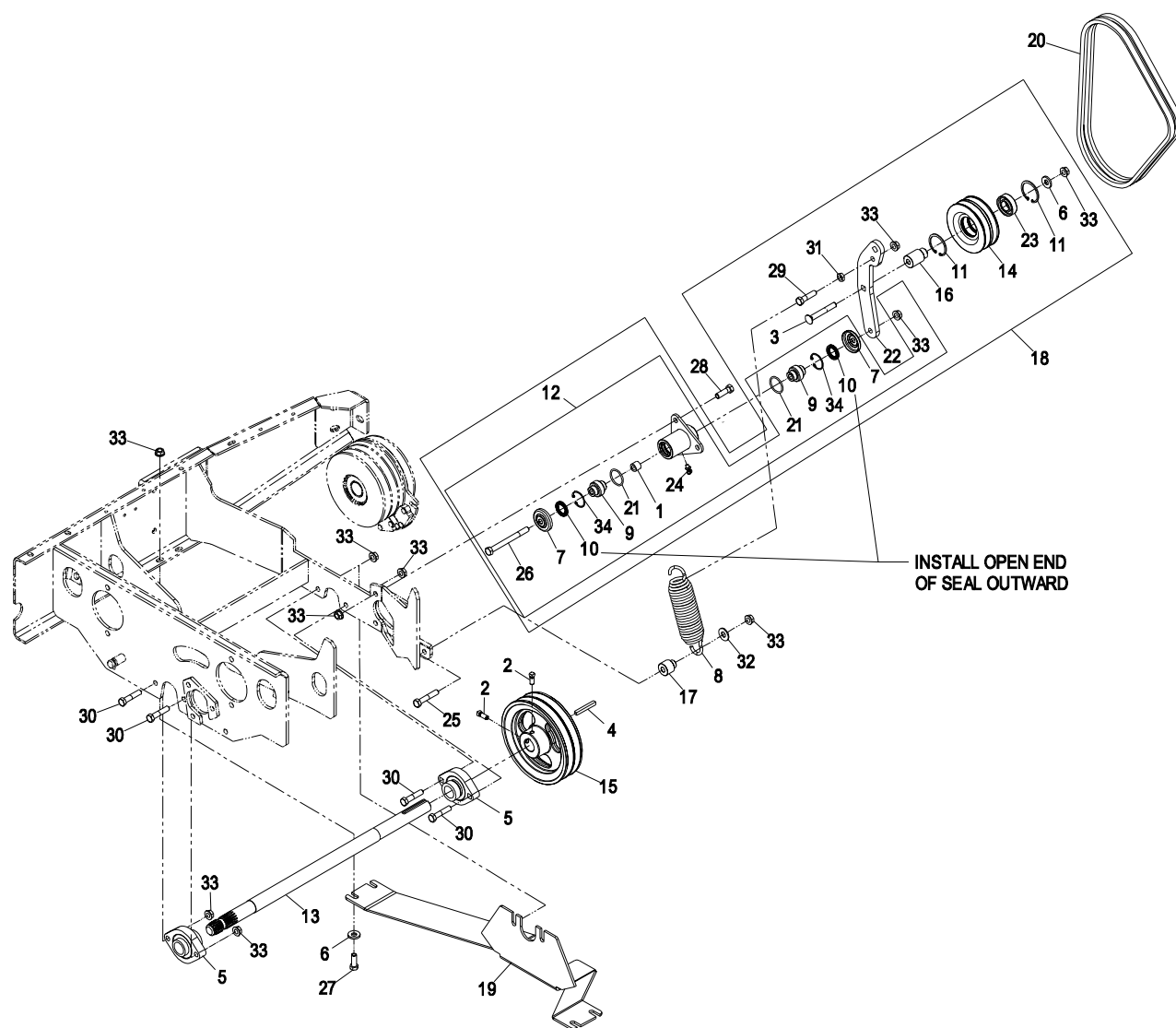


| Item | Part No.    | Description                       | Qty. |
|------|-------------|-----------------------------------|------|
| 1    | 1-513746    | Decal, Muffler.....               | 2    |
| 2    | 1-543508    | Cup, Bearing Tapered Roller.....  | 4    |
| 3    | 1-543509    | Cone, Bearing Tapered Roller..... | 4    |
| 4    | 1-543511    | Seal, Grease.....                 | 2    |
| 5    | 1-633508    | Washer, Spring Disk.....          | 6    |
| 6    | 1-633585    | Bearing, Cone Tapered Roller..... | 4    |
| 7    | 1-643188    | Latch.....                        | 2    |
| 8    | 1-811010    | Plug .....                        | 2    |
| 9    | 103-0063    | Seal, Double Lip.....             | 4    |
| 10   | 103-2768    | Guard, Seal.....                  | 4    |
| 11   | 103-3051    | Spacer, Nut.....                  | 4    |
| 12   | 923786      | Rivet .....                       | 4    |
| 13   | 103-3799    | Asm, Caster Wheel.....            | 2    |
| 14   | 103-4882    | Cap, Grease .....                 | 2    |
| 15   | 103-5156    | Axle, Caster .....                | 2    |
| 16   | 103-6825    | Bearing, Sleeve.....              | 2    |
| 17   | 103-7957-03 | Wld, Dual Caster Tube.....        | 1    |
| 18   | 103-8347    | Asm, Dual Rear Wheels.....        | 1    |
| 19   | 103-9045-03 | Wld, Rear Frame Dual Wheel .....  | 1    |
| 20   | 103-9051    | Bearing, Thrust .....             | 2    |

| Item | Part No.    | Description                    | Qty. |
|------|-------------|--------------------------------|------|
| 21   | 103-9789-03 | Guard, Hose .....              | 1    |
| 22   | 103-9868-03 | Wld, Caster Fork .....         | 2    |
| 23   | 103-9974    | Washer.....                    | 1    |
| 24   | 105-7699    | Strip, Seal.....               | 2    |
| 25   | 109-2769    | Asm, Rear Guard W/Decals ..... | 1    |
| 26   | 109-0414-03 | Cover, Muffler .....           | 1    |
| 27   | 302-19      | Zerk, 1/4-28 Str.....          | 1    |
| 28   | 322-3       | Screw, HH 5/16-18 x 3/4.....   | 5    |
| 29   | 323-6       | Screw, HH 3/8-16 x 1.....      | 4    |
| 30   | 325-39      | Screw, HH 1/2-13 x 9 1/2.....  | 2    |
| 31   | 325-5       | Screw, HH 1/2-13 x 1 1/4.....  | 6    |
| 32   | 327-24      | Screw, HH 5/8-11 x 5 3/4.....  | 1    |
| 33   | 3256-23     | Washer, 5/16 SAE.....          | 5    |
| 34   | 3256-4      | Washer, 3/8 Std.....           | 2    |
| 35   | 3290-357    | Nut, Whizlock 3/8-16 .....     | 4    |
| 36   | 3296-23     | Nut, Nyloc 1/2-13.....         | 2    |
| 37   | 3296-51     | Nut, Nyloc 3/4-10.....         | 2    |
| 38   | 3296-53     | Nut, Nyloc 5/8-11.....         | 1    |
| 39   | 32128-20    | Nut, Whizlock 5/16-18 .....    | 5    |
| 40   | 32128-49    | Nut, Whizlock 1/2-13 .....     | 6    |

Exmark black touch up spray paint – Gloss black

## PTO DRIVE GROUP



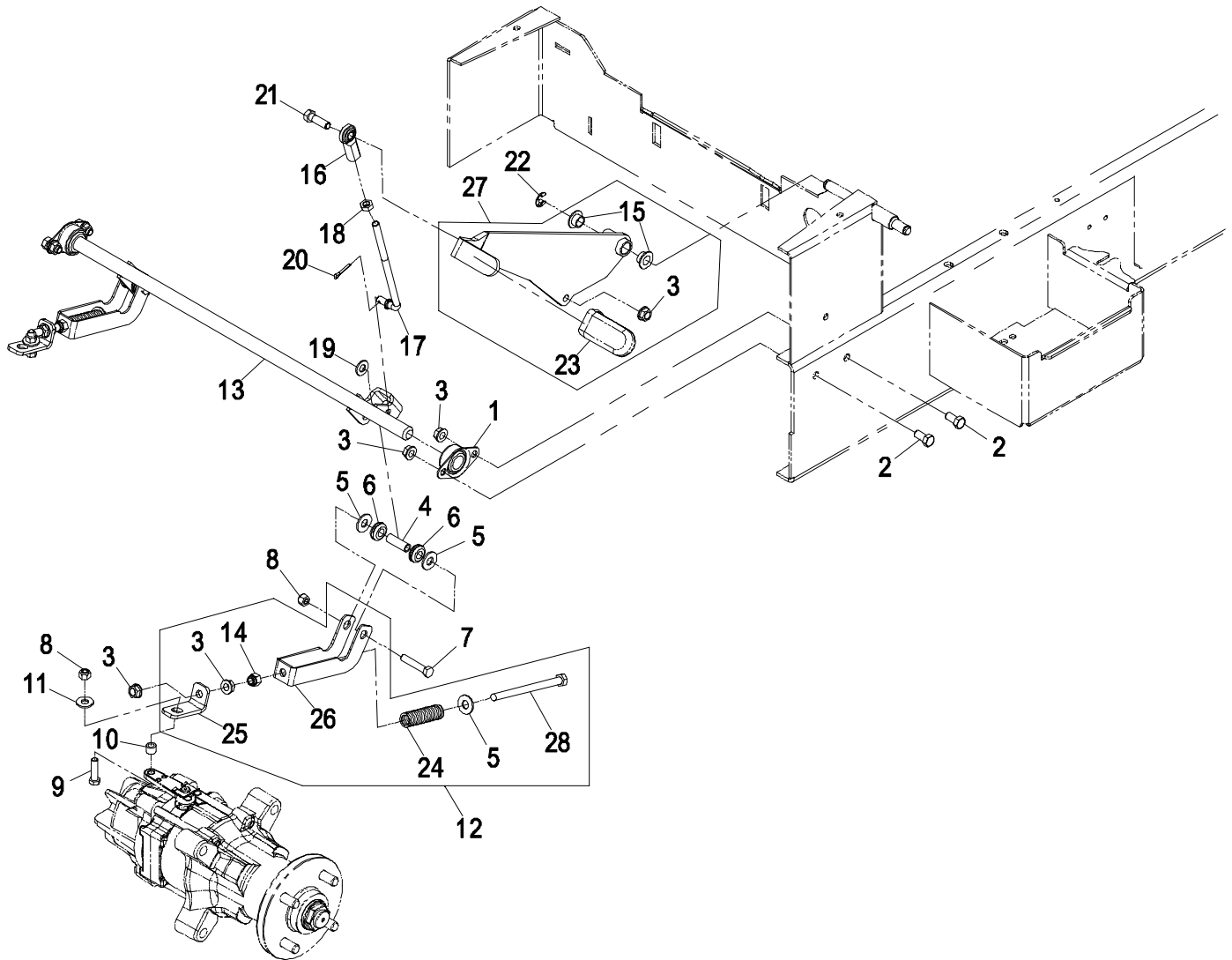
| Item | Part No.    | DESCRIPTION                         | Qty. |
|------|-------------|-------------------------------------|------|
| 1    | 1-413088    | Spacer .....                        | 1    |
| 2▲   | 1-803050    | Setscrew, 5/16-18 x 3/4 .....       | 2    |
| 3    | 1-807525    | Bolt, Carriage 3/8-16 x 2 3/4 ..... | 1    |
| 4    | 5-1336      | Key, Machine 1/4 x 1/4 x 2 .....    | 1    |
| 5    | 92-8799     | Bearing, Flanged.....               | 2    |
| 6    | 98-5975     | Washer, Spring Disk 3/8 .....       | 5    |
| 7    | 103-2916    | Guard, Top.....                     | 2    |
| 8    | 103-3330    | Spring, Extension.....              | 1    |
| 9    | 103-3504    | Bearing, Spherical.....             | 2    |
| 10   | 103-3506    | Seal, Single Lip.....               | 2    |
| 11   | 32151-13    | Ring, Retaining .....               | 2    |
| 12   | 103-6409    | Asm, Pump Idler .....               | 1    |
| 13   | 103-6779-03 | Shaft, Line .....                   | 1    |
| 14   | 103-6813    | Pulley, Idler .....                 | 1    |
| 15   | 103-6814    | Sheave .....                        | 1    |
| 16   | 103-6836    | Spacer .....                        | 1    |
| 17   | 103-8012    | Spacer, Spring .....                | 1    |

| Item | Part No.    | DESCRIPTION                     | Qty. |
|------|-------------|---------------------------------|------|
| 18   | 103-8073    | Asm, Linedrive Idler .....      | 1    |
| 19   | 103-8366-03 | Guard, Linedrive .....          | 1    |
| 20   | 103-8390    | Belts, Matched Pair .....       | 1    |
| 21   | 106-7159    | O-Ring .....                    | 2    |
| 22   | 109-0431-03 | Arm, Idler.....                 | 1    |
| 23   | 251-347     | Bearing, Ball Deep Groove ..... | 1    |
| 24   | 302-40      | Zerk, 90° 1/4-28.....           | 1    |
| 25   | 323-10      | Screw, HH 3/8-16 x 2.....       | 1    |
| 26   | 323-16      | Screw, HH 3/8-16 x 4.....       | 1    |
| 27   | 323-6       | Screw, HH 3/8-16 x 1.....       | 4    |
| 28   | 323-7       | Screw, HH 3/8-16 x 1 1/4.....   | 3    |
| 29   | 323-8       | Screw, HH 3/8-16 x 1 1/2.....   | 1    |
| 30   | 323-9       | Screw, HH 3/8-16 x 1 3/4.....   | 4    |
| 31   | 3218-3      | Nut, Jam 3/8-16.....            | 1    |
| 32   | 3256-4      | Washer, 3/8 Std.....            | 1    |
| 33   | 3290-357    | Nut, Whizlock 3/8-16 .....      | 15   |
| 34   | 32120-10    | Ring, Retaining .....           | 2    |

Exmark black touch up spray paint – Gloss black

▲ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on setscrew, item #2.

## PARK BRAKE GROUP

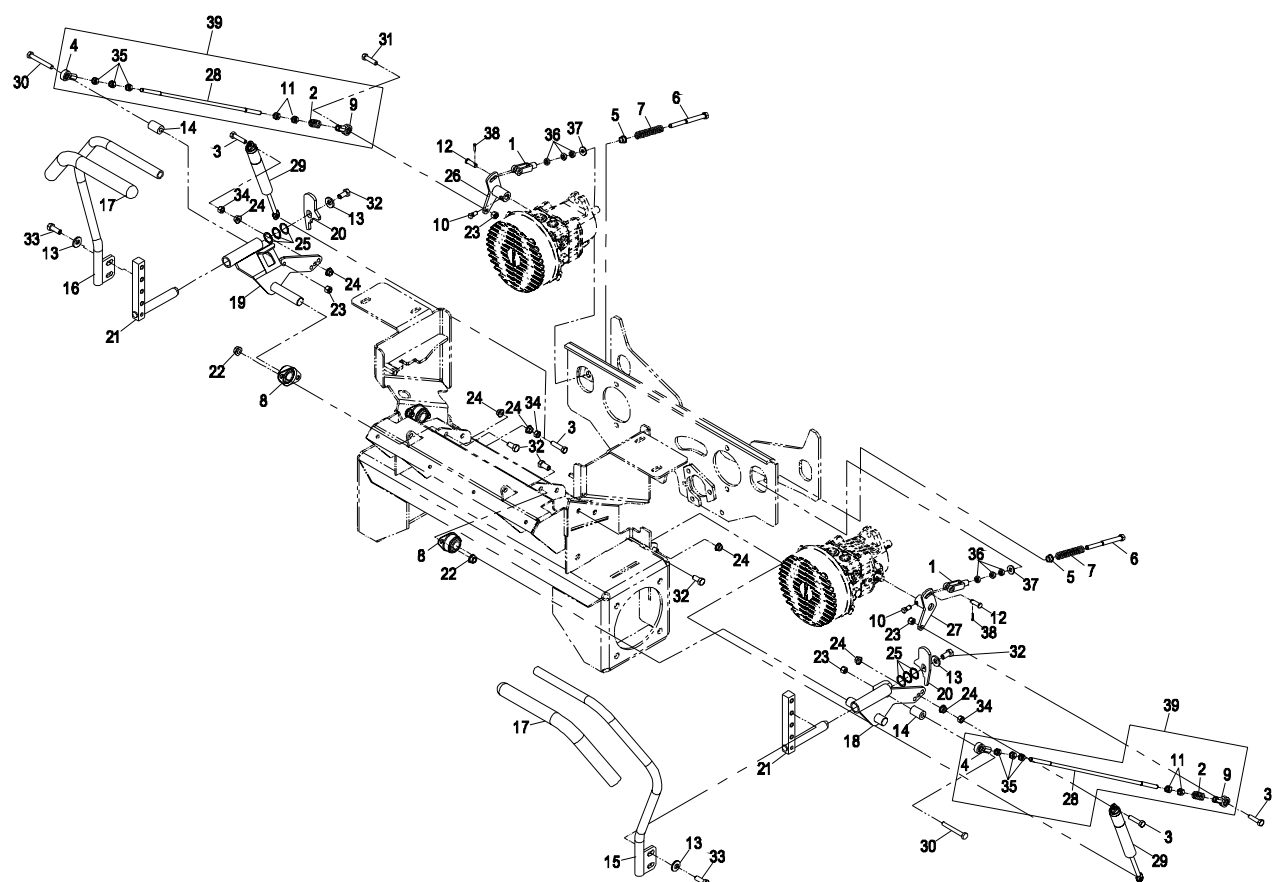


| Item | Part No.    | DESCRIPTION                     | Qty. |
|------|-------------|---------------------------------|------|
| 1    | 1-633102    | Bearing, Flanged.....           | 2    |
| 2    | 323-4       | Screw, HH 3/8-16 x 3/4 .....    | 4    |
| 3    | 3290-357    | Nut, Whizlock 3/8-16.....       | 9    |
| 4    | 109-0262    | Spacer .....                    | 2    |
| 5    | 3256-4      | Washer, 3/8 Std.....            | 6    |
| 6    | 1-633630    | Grommet.....                    | 4    |
| 7    | 322-9       | Screw, HH 5/16-18 x 1 3/4 ..... | 2    |
| 8    | 3296-29     | Nut, Nyloc 5/16-18 .....        | 4    |
| 9    | 322-6       | Screw, HH 5/16-18 x 1 1/4 ..... | 2    |
| 10   | 103-0126    | Bushing.....                    | 2    |
| 11   | 3256-3      | Washer, 5/16 Std.....           | 2    |
| 12   | 109-0132    | Asm, Brake Linkage.....         | 2    |
| 13   | 103-8625-03 | Wld, Brake Cross Shaft .....    | 1    |
| 14   | 3296-59     | Nut, Nyloc 3/8-16 Thin .....    | 2    |

| Item | Part No. | DESCRIPTION                            | Qty. |
|------|----------|----------------------------------------|------|
| 15   | 1-513140 | Bearing .....                          | 2    |
| 16   | 103-0608 | Balljoint.....                         | 1    |
| 17   | 103-4399 | Rod, Linkage Brake .....               | 1    |
| 18   | 3219-3   | Nut, Hex 3/8-24.....                   | 1    |
| 19   | 3256-24  | Washer, 3/8 SAE.....                   | 1    |
| 20   | 3272-10  | Pin, Cotter 1/8 x 3/4 .....            | 1    |
| 21   | 323-7    | Screw, HH 3/8-16 x 1 1/4 .....         | 1    |
| 22   | 32120-47 | Ring, Retaining .....                  | 1    |
| 23   | 1-633268 | Grip, Brake Lever.....                 | 1    |
| 24   | 103-4388 | Spring .....                           | 2    |
| 25   | 109-0130 | Link, Brake .....                      | 2    |
| 26   | 109-0131 | Clevis, Brake .....                    | 2    |
| 27   | 109-1192 | Asm, Brake Lever W/Grip & Bearings.... | 1    |
| 28   | 323-39   | Screw, HH 3/8-16 x 5.....              | 2    |

Exmark black touch up spray paint – Gloss black

## MOTION CONTROL GROUP



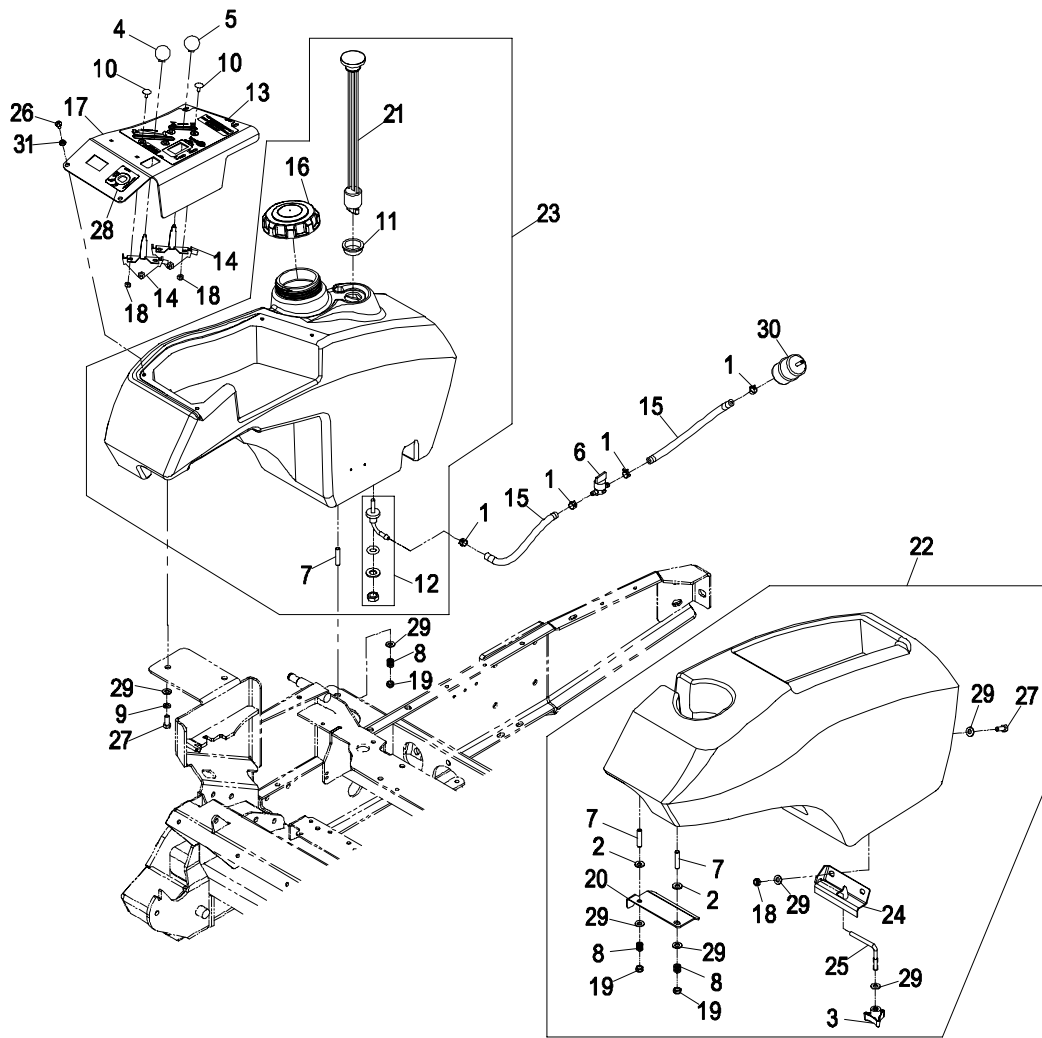
| Item | Part No. | Description                        | Qty. |
|------|----------|------------------------------------|------|
| 1    | 1-303105 | Yoke, Adjustable.....              | 2    |
| 2    | 1-323245 | Spring, Compression .....          | 2    |
| 3    | 1-403180 | Screw, HH 5/16-18 X 1 1/4 Sp ..... | 4    |
| 4    | 1-543017 | Balljoint .....                    | 2    |
| 5    | 1-603735 | Bushing, Flanged.....              | 2    |
| 6    | 1-603737 | Bolt, Neutral Return .....         | 2    |
| 7    | 1-603807 | Spring .....                       | 2    |
| 8    | 1-633102 | Bearing, Flanged.....              | 4    |
| 9    | 1-633152 | Balljoint, LH.....                 | 2    |
| 10▲  | 1-803022 | Setscrew, 5/16-18 X 5/8.....       | 2    |
| 11   | 1-804524 | Nut, Hex 5/16-24 (LH) .....        | 4    |
| 12   | 1-808280 | Pin, Clevis 5/16 X 1.....          | 2    |
| 13   | 98-5975  | Washer, Spring Disk 3/8 .....      | 6    |
| 14   | 103-1361 | Spacer .....                       | 2    |
| 15   | 103-3457 | Asm, Handle W/Grip (LH) .....      | 1    |
| 16   | 103-3458 | Asm, Handle W/Grip (RH).....       | 1    |
| 17   | 103-3456 | Grip, Control Lever.....           | 2    |
| 18   | 109-3623 | Wld, Lever Control (LH) .....      | 1    |
| 19   | 109-3622 | Wld, Lever Control (RH).....       | 1    |
| 20   | 103-8262 | Tab, Motion Cntrl .....            | 2    |
| 21   | 109-3618 | Wld, Control Shaft.....            | 2    |
| 22   | 3290-357 | Nut, Whizlock 3/8-16.....          | 8    |

| Item | Part No.    | Description                           | Qty. |
|------|-------------|---------------------------------------|------|
| 23   | 3296-29     | Nut, Nyloc 5/16-18 .....              | 4    |
| 24   | 32128-20    | Nut, Whizlock 5/16-18 .....           | 8    |
| 25   | 106-5335    | Washer, Wave.....                     | 6    |
| 26   | 109-0558-03 | Wld, Pump Ctrl (RH) 20HP & 23HP ..... | 1    |
|      | 103-8286-03 | Wld, Pump Ctrl (RH) 27HP .....        | 1    |
| 27   | 109-0559-03 | Wld, Pump Ctrl (LH) 20HP & 25HP ..... | 1    |
|      | 103-8285-03 | Wld, Pump Ctrl (LH) 27HP.....         | 1    |
| 28   | 109-1198    | Link, Tracking Rod 20HP & 23HP .....  | 2    |
|      | 103-8300    | Link, Tracking Rod 27HP .....         | 2    |
| 29   | 109-2339    | Damper, Motion Control.....           | 2    |
| 30   | 322-12      | Screw, HH 5/16-18 X 2 1/2 .....       | 2    |
| 31   | 322-6       | Screw, HH 5/16-18 X 1 1/4 .....       | 2    |
| 32   | 323-4       | Screw, HH 3/8-16 X 3/4 .....          | 10   |
| 33   | 323-6       | Screw, HH 3/8-16 X 1 .....            | 4    |
| 34   | 3217-6      | Nut, Hex 5/16-18.....                 | 4    |
| 35   | 3219-2      | Nut, Hex 5/16-24.....                 | 6    |
| 36   | 3220-2      | Nut, Jam 5/16-24 .....                | 6    |
| 37   | 3256-2      | Washer, 1/4 Std.....                  | 2    |
| 38   | 3272-5      | Pin, Cotter 3/32 X 1/2 .....          | 2    |
| 39   | 109-2583    | Asm, Tracking Rod 20HP & 23HP .....   | 2    |
|      | 109-2582    | Asm, Tracking Rod 27HP .....          | 2    |

Exmark black touch up spray paint – Gloss black.

▲ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on screw, item #10 & screw, item #32 going into control shaft weldment item #21.

## FUEL GROUP



| Item | Part No. | Description                             | Qty. |
|------|----------|-----------------------------------------|------|
| 1    | 1-303077 | Clamp, Fuel Line.....                   | 4    |
| 2    | 1-303334 | Washer, Spring Disk 5/16 .....          | 2    |
| 3    | 1-323385 | Knob, 3 Prong.....                      | 1    |
| 4    | 1-513592 | Knob, Ball Red.....                     | 1    |
| 5    | 1-513593 | Knob, Ball Black.....                   | 1    |
| 6    | 1-603770 | Valve, Fuel.....                        | 1    |
| 7■   | 1-633023 | Stud, Fuel Tank .....                   | 4    |
| 8    | 1-633349 | Spring, Compression .....               | 4    |
| 9    | 1-805005 | Washer, Lock 5/16 Heavy.....            | 2    |
| 10   | 1-807513 | Bolt, Carriage #10-24 x 1/2 .....       | 4    |
| 11   | 95-8972  | Grommet.....                            | 1    |
| 12▲  | 103-2605 | Fitting, Fuel Bulkhead W/Strainer ..... | 1    |
|      | 103-2784 | O-Ring .....                            | 1    |
| 13   | 109-2699 | Decal, Console .....                    | 1    |
| 14   | 107-8073 | Control, Throttle .....                 | 2    |
| 15   | 109-0303 | Hose, Fuel Line 7" .....                | 2    |

| Item | Part No.      | Description                        | Qty. |
|------|---------------|------------------------------------|------|
| 16   | 109-0346      | Cap, Fuel (Gas).....               | 1    |
| 17   | 109-2775      | Console .....                      | 1    |
| 18   | 3296-2        | Nut, Nyloc #10-24 .....            | 4    |
| 19   | 3296-47       | Nut, Nyloc 5/16-18 Thin .....      | 6    |
| 20   | 109-1202      | Hook, Fender.....                  | 1    |
| 21   | 109-1213      | Gauge, Fuel.....                   | 1    |
| 22   | 109-1226      | Asm, Fender.....                   | 1    |
| 23   | 109-3627      | Asm, Fuel Tank .....               | 1    |
| 24   | 109-2572      | Bracket, Fender.....               | 1    |
| 25   | 109-2652      | Bolt, Fender .....                 | 1    |
| 26◆  | 32122-30      | Screw, Truss HD #10-24 X 1/2 ..... | 4    |
| 27   | 322-3         | Screw, HH 5/16-18 x 3/4.....       | 4    |
| 28   | 109-2358      | Decal, Ignition.....               | 1    |
| 29   | 3256-23       | Washer, 5/16 SAE.....              | 11   |
| 30+  | <b>Kohler</b> | Part No. 2405010 Fuel Filter.....  | 1    |
| 31   | 1-303435      | Washer, Spring Disk 1/4.....       | 4    |

Exmark black touch up spray paint – Gloss black

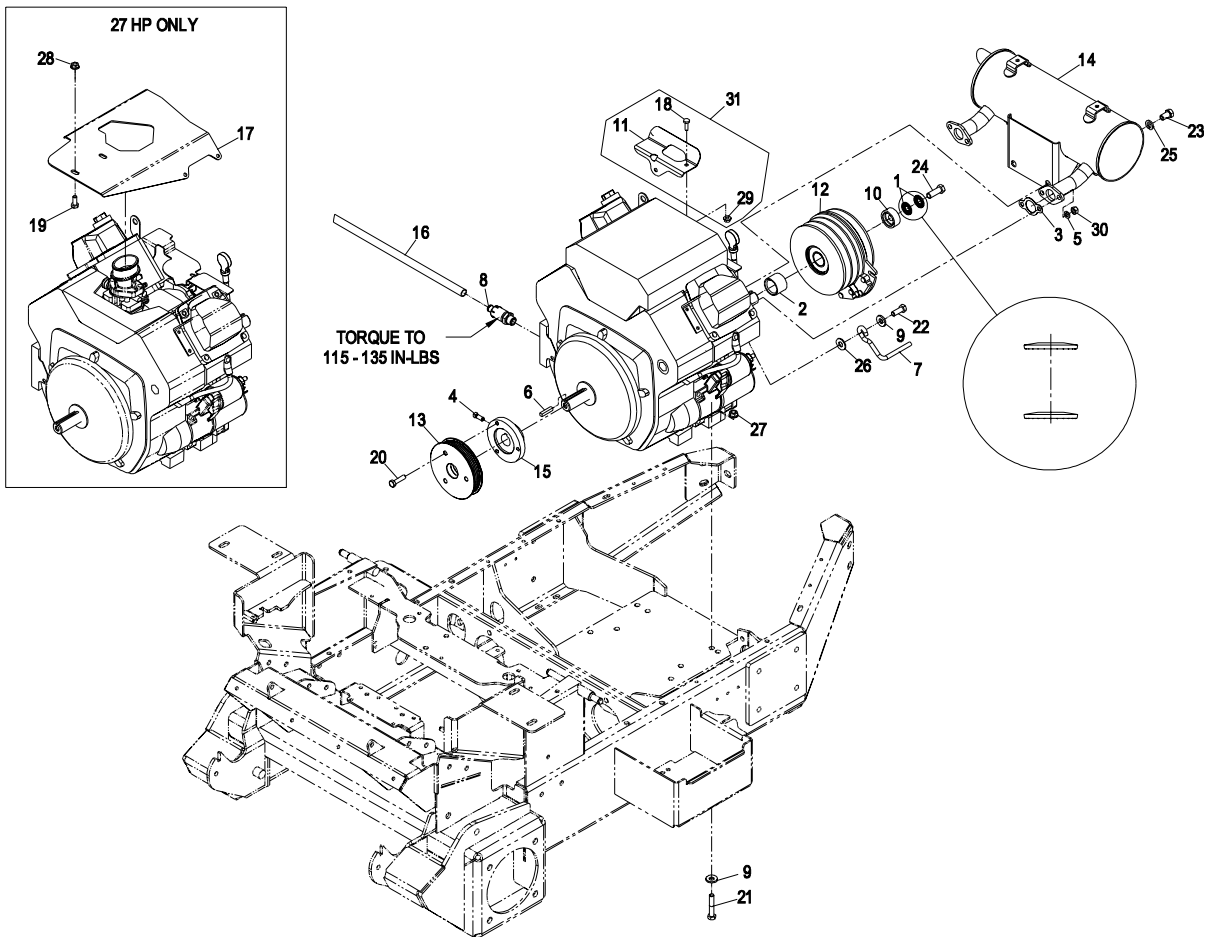
■ Use Pro-Lock, Retaining Type (P/N 1-840023, .5ml tube) on stud threads, item #7 going into the tank.

▲ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on fuel fitting, item #11.

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

◆ Snug fit only on slotted holes, **Do Not Overtighten**, tank must be able to expand.

## ENGINE GROUP



| Item | Part No. | Description                          | Qty. |
|------|----------|--------------------------------------|------|
| 1    | 1-603610 | Washer, Spring Disk 7/16 .....       | 2    |
| 2    | 1-633179 | Spacer .....                         | 1    |
| 3    | 1-653291 | Gasket, Exhaust Manifold .....       | 2    |
| 4▲   | 1-803050 | Setscrew, 5/16-18 x 3/4 .....        | 2    |
| 5    | 1-805005 | Washer, Lock 5/16 Heavy .....        | 4    |
| 6    | 13-2840  | Key, Machine 1/4 x 1/4 x 1 1/4 ..... | 1    |
| 7    | 52-4780  | Rod, Belt .....                      | 1    |
| 8+   | 92-6877  | Valve, Oil Drain .....               | 1    |
| 9    | 98-5975  | Washer, Spring Disk 3/8 .....        | 5    |
| 10   | 103-0152 | Keeper, Clutch .....                 | 1    |
| 11   | 103-3535 | Kit, Cable Heat Shield .....         | 1    |
| 12   | 103-0083 | Kit, Clutch .....                    | 1    |
| 13   | 103-6774 | Sheave .....                         | 1    |
| 14◆  | 103-7480 | Kit, Muffler .....                   | 1    |
| 15   | 103-8813 | Hub, Adapter .....                   | 1    |
| 16   | 106-7022 | Hose, Oil Drain .....                | 1    |

| Item | Part No.    | Description                          | Qty. |
|------|-------------|--------------------------------------|------|
| 17   | 109-1830-03 | Bracket, Air Cleaner (27HP) .....    | 1    |
| 18   | 321-4       | Screw, HH 1/4-20 x 3/4 .....         | 1    |
| 19   | 322-3       | Screw, HH 5/16-18 x 3/4 (27HP) ..... | 2    |
| 20▲  | 322-5       | Screw, HH 5/16-18 x 1 .....          | 3    |
| 21▲  | 323-10      | Screw, HH 3/8-16 x 2 .....           | 4    |
| 22   | 323-6       | Screw, HH 3/8-16 x 1 .....           | 1    |
| 23   | 324-2       | Screw, HH 7/16-14 x 3/4 .....        | 2    |
| 24▲  | 3212-5      | Screw, HH 7/16-20 x 1 1/4 .....      | 1    |
| 25   | 3253-6      | Washer, Lock 7/16 .....              | 2    |
| 26   | 3256-4      | Washer, 3/8 Std .....                | 1    |
| 27   | 3290-357    | Nut, Whizlock 3/8-16 .....           | 4    |
| 28   | 32128-20    | Nut, Whizlock 5/16-18 (27HP) .....   | 2    |
| 29   | 32128-33    | Nut, Whizlock 1/4-20 .....           | 1    |
| 30   | 33014-00    | Nut, Hex M8-1.25 .....               | 4    |
| 31   | 103-3535    | Kit, Cable Heat Shield .....         | 1    |

Exmark black touch up spray paint – gloss black.

✚ Use a Teflon Pipe Sealant or equivalent on threads.

▲ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on screws, item #4, #20, #21 & #24

◆ Includes item #3.

### 20HP & 23HP Kohler Replacement Parts List

(Refer to Engine Owner's Manual)

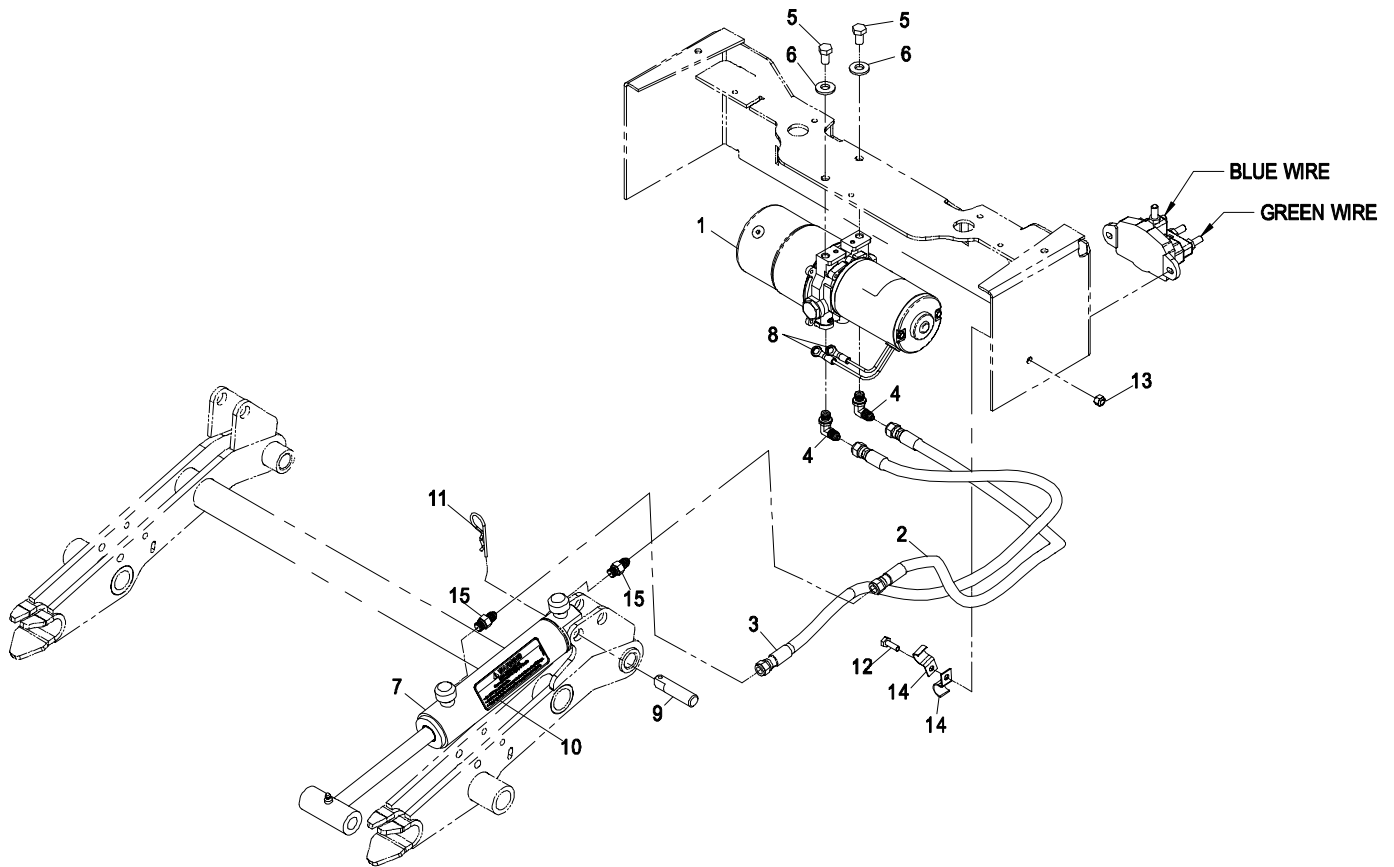
| Description             | Kohler Part No. |
|-------------------------|-----------------|
| Engine Oil Filter ..... | 5205002-S       |
| Engine Air Filter ..... | 2408303-S       |
| Safety Filter .....     | 2508305-S       |

### 27 HP Kohler Replacement Parts List

(Refer to Engine Owner's Manual)

| Description             | Kohler Part No. |
|-------------------------|-----------------|
| Engine Oil Filter ..... | 5205002-S       |
| Engine Air Filter ..... | 2508301         |
| Safety Filter .....     | 2508304         |

## AUXILIARY HYDRAULIC GROUP



| Item | Part No. | Description                     | Qty. |
|------|----------|---------------------------------|------|
| 1▲   | 109-2853 | Asm, Hydraulic Power Unit ..... | 1    |
| 2    | 109-2015 | Hose, Hydraulic.....            | 1    |
| 3    | 109-2016 | Hose, Hydraulic.....            | 1    |
| 4    | 109-0760 | Adapter, 90°.....               | 2    |
|      | 109-1284 | O-Ring (37° Flare #4).....      | 1    |
|      | 1-603923 | O-Ring (SAE #4).....            | 1    |
| 5    | 323-4    | Screw, HH 3/8-16 x 5/8 .....    | 2    |
| 6    | 98-5975  | Washer, Spring Disk 3/8 .....   | 2    |
| 7    | 109-2812 | Asm, Cylinder W/Decal .....     | 1    |
|      | 109-2856 | Kit, Hyd Cylinder Seal .....    | 1    |

▲ Includes item #8.

| Item | Part No. | Description                    | Qty. |
|------|----------|--------------------------------|------|
| 8    | 109-2663 | Terminal, Ring 5/16 .....      | 2    |
| 9    | 109-1180 | Pin, Cylinder Mount .....      | 1    |
| 10   | 109-2377 | Decal, High Pressure Oil ..... | 1    |
| 11   | 1-806005 | Hairpin, Cotter .....          | 1    |
| 12   | 321-4    | Screw, HH 1/4-20 x 3/4.....    | 1    |
| 13   | 3296-42  | Nut, Nyloc 1/4-20.....         | 1    |
| 14   | 103-1193 | Clip, Loom .....               | 2    |
| 15   | 109-2017 | Adapter, Straight.....         | 2    |
|      | 109-1284 | O-Ring (37° Flare #4) .....    | 1    |
|      | 1-603923 | O-Ring (SAE #4).....           | 1    |

## HYDRAULIC GROUP

| Item | Part No. | Description                           | Qty. |
|------|----------|---------------------------------------|------|
| 1    | 1-413088 | Spacer .....                          | 1    |
| 2    | 1-603990 | Adapter, Straight .....               | 8    |
|      | 1-603992 | O-Ring (37° Flare #8) .....           | 1    |
|      | 1-603920 | O-Ring (SAE #8) .....                 | 1    |
| 3    | 1-633167 | Sheave, Idler .....                   | 1    |
| 4    | 1-805004 | Washer, Lock 1/4 Heavy .....          | 2    |
| 5    | 1-807272 | Key, 5mm x 5mm x 25mm 20 & 23HP ...   | 2    |
|      | 103-2739 | Key, 5mm x 5mm x 32mm 27HP .....      | 2    |
| 6▲   | 30-1710  | Setscrew, 5/16-18 x 1 .....           | 4    |
| 7    | 98-5975  | Washer, Spring Disk 3/8 .....         | 1    |
| 8    | 103-1828 | Adapter, Running Tee .....            | 3    |
|      | 1-603921 | O-Ring (SAE #6) .....                 | 1    |
| 9    | 103-1947 | Asm, Hydraulic Reservoir              |      |
|      |          | W/Decal 20HP & 23HP .....             | 1    |
|      | 109-0582 | Asm, Hydraulic Reservoir              |      |
|      |          | W/Decal 27HP .....                    | 1    |
| 10   | 103-7615 | Asm, Cap W/Gasket .....               | 1    |
| 11   | 103-1949 | Gasket, Reservoir Cap .....           | 1    |
| 12   | 103-1988 | Clamp, Hose 11/16 .....               | 6    |
| 13   | 103-2146 | Element Hydraulic Oil Filter .....    | 1    |
| 14   | 103-2155 | Adapter, 90° .....                    | 2    |
| 15   | 103-2156 | Adapter, Straight 20 & 23HP .....     | 3    |
|      | 103-1020 | O-Ring (37° Flare #6) .....           | 1    |
|      | 1-603921 | O-Ring (SAE #6) .....                 | 1    |
|      | 1-603990 | Adapter, Straight 27HP .....          | 3    |
|      | 103-1020 | O-Ring (37° Flare #6) .....           | 1    |
|      | 1-603920 | O-Ring (SAE #8) .....                 | 1    |
| 16   | 103-2259 | Head, Filter .....                    | 1    |
| 17   | 103-2916 | Guard, Top .....                      | 2    |
| 18   | 103-3330 | Spring, Extension .....               | 1    |
| 19   | 103-3504 | Bearing, Spherical .....              | 2    |
| 20   | 103-3506 | Seal, Single Lip .....                | 2    |
| 21   | 103-6409 | Kit, Pump Idler .....                 | 1    |
| 22   | 1-303287 | Tie, Cable 5 1/2 (Small) .....        | 1    |
| 23   | 103-8011 | Spacer, Spring .....                  | 1    |
| 24■  | 103-9196 | Pump, Hydro W/Fan (LH) 20 & 23HP .... | 1    |
| +    | 103-8357 | Pump, Hydro W/Fan (LH) 27HP .....     | 1    |
| 25■  | 103-9197 | Pump, Hydro W/Fan (RH) 20 & 23HP .... | 1    |
| +    | 103-8358 | Pump, Hydro W/Fan (RH) 27HP .....     | 1    |
| 26   | 106-7159 | O-Ring .....                          | 2    |

| Item | Part No.    | Description                        | Qty. |
|------|-------------|------------------------------------|------|
| 27   | 109-0633-03 | Arm, Idler .....                   | 1    |
| 28   | 109-0816    | Belt .....                         | 1    |
| 29   | 109-0899    | Hose, Hydraulic .....              | 1    |
| 30   | 109-0900    | Hose, Hydraulic .....              | 1    |
| 31   | 109-0901    | Hose, Hydraulic .....              | 1    |
| 32   | 109-0902    | Hose, Hydraulic .....              | 1    |
| 33   | 109-1008    | Hose, Case Drain .....             | 2    |
| 34   | 109-1009    | Hose, Hydraulic .....              | 1    |
| 35   | 109-1010    | Hose, Hydraulic .....              | 1    |
| 36●  | 109-1055    | Motor, Wheel (RH) 20 & 23HP .....  | 1    |
| ●    | 103-9519    | Motor, Wheel (RH) 27HP .....       | 1    |
| 37●  | 109-1056    | Motor, Wheel (LH) 20 & 23HP .....  | 1    |
| ●    | 103-9520    | Motor, Wheel (LH) 27HP .....       | 1    |
| 38   | 109-1217    | Adapter, 90° 20 & 23HP .....       | 2    |
|      | 103-2153    | Adapter, 90° 27HP .....            | 2    |
|      | 103-1020    | O-Ring (37° Flare #6) .....        | 1    |
|      | 1-603920    | O-Ring (SAE #8) .....              | 1    |
| 39   | 109-2201    | Sheave 20 & 23HP .....             | 2    |
|      | 109-2202    | Sheave 27HP .....                  | 2    |
| 40   | 109-2655    | Hose, Hydraulic 20 & 23HP .....    | 1    |
|      | 109-4644    | Hose, Hydraulic 27HP .....         | 1    |
| 41   | 109-2656    | Hose, Hydraulic 20 & 23HP .....    | 1    |
|      | 109-4645    | Hose, Hydraulic 27HP .....         | 1    |
| 42   | 302-40      | Zerk, 90° 1/4-28 .....             | 1    |
| 43   | 321-3       | Screw, HH 1/4-20 x 5/8 .....       | 2    |
| 44   | 321-6       | Screw, HH 1/4-20 x 1 .....         | 2    |
| 45   | 323-16      | Screw, HH 3/8-16 x 4 .....         | 1    |
| 46   | 323-7       | Screw, HH 3/8-16 x 1 1/4 .....     | 7    |
| 47   | 325-10      | Screw, HH 1/2-13 x 2 1/2 .....     | 8    |
| 48   | 3231-10     | Bolt, Carriage 3/8-16 x 3 .....    | 1    |
| 49   | 3231-6      | Bolt, Carriage 3/8-16 x 2 .....    | 1    |
| 50   | 3256-22     | Washer, 1/4 SAE .....              | 2    |
| 51   | 3256-26     | Washer, 1/2 SAE .....              | 8    |
| 52   | 3256-4      | Washer, 3/8 Std. ....<br>As Req'd. |      |
| 53   | 3290-357    | Nut, Whizlock 3/8-16 .....         | 6    |
| 54   | 32120-10    | Ring, Retaining .....              | 2    |
| 55   | 32128-33    | Nut, Whizlock 1/4-20 .....         | 2    |
| 56   | 32128-49    | Nut, Whizlock 1/2-13 .....         | 8    |
| 57   | 1-523552    | Decal, Hydraulic Tank .....        | 1    |
| 58   | 32128-43    | Nut, Whizlock 3/8-16 .....         | 4    |

Exmark black touch up spray paint – gloss black.

▲ Use Prolock, Nut Type (P/N 1-840022, .5ml tube) on setscrews, items #6.

| ● Wheel Motor Service Kits |                         |      |
|----------------------------|-------------------------|------|
| Part No.                   | Description             | Qty. |
| 103-9762                   | Kit, Seal .....         | 1    |
| 103-9763                   | Handle, Actuating ..... | 1    |
| 103-9764                   | Clip, Retaining .....   | 1    |

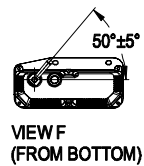
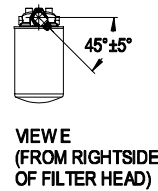
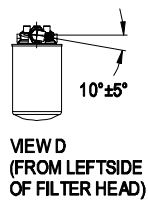
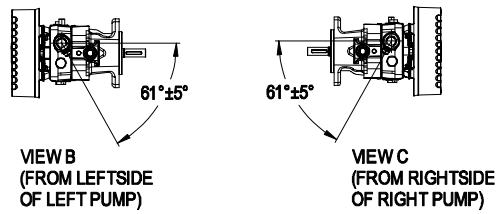
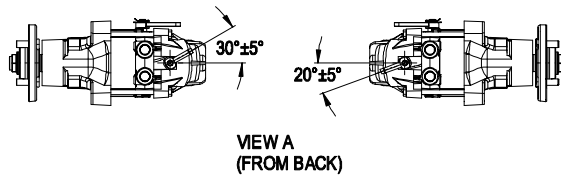
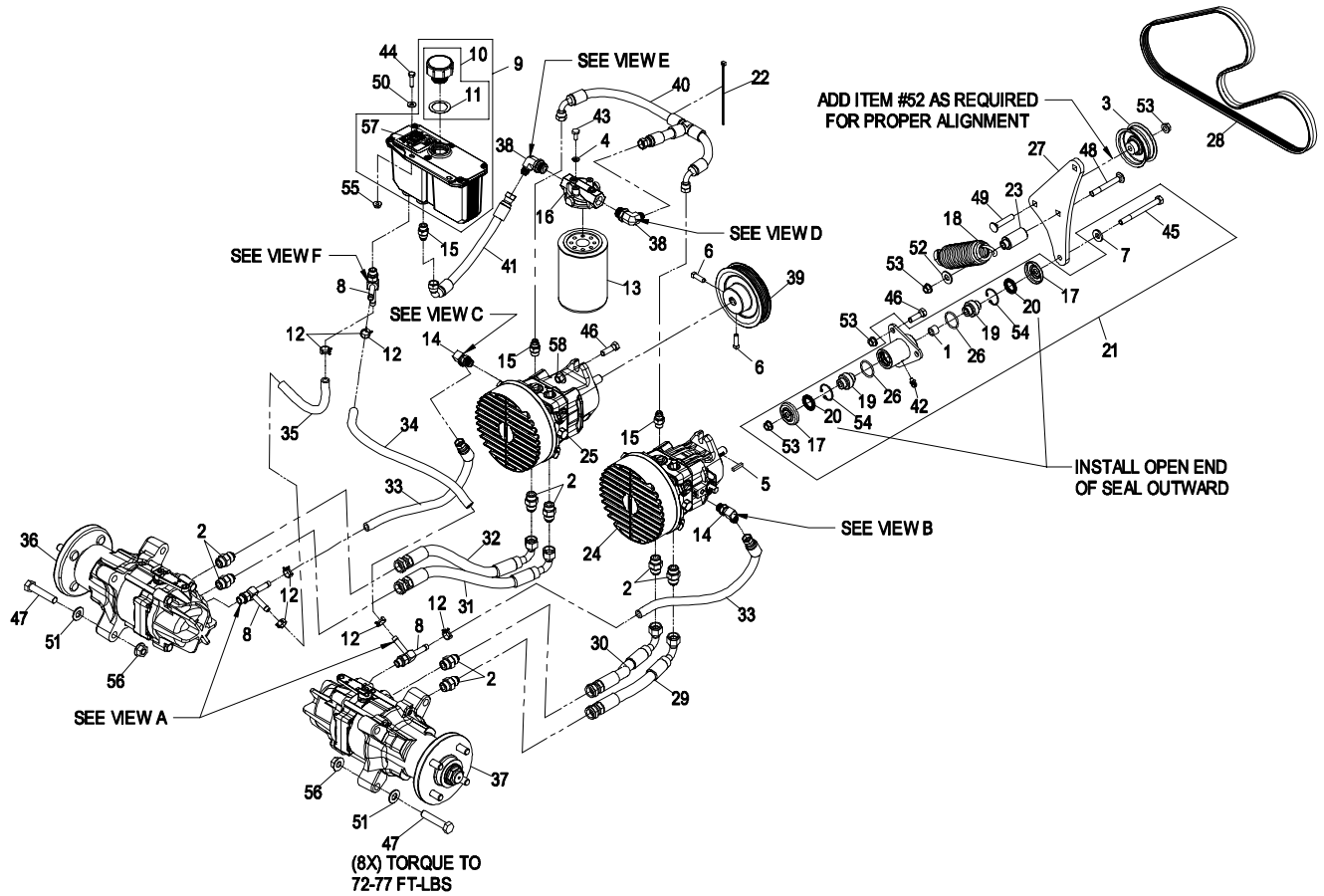
| ● Wheel Motor Service Kits |                                    |      |
|----------------------------|------------------------------------|------|
| Part No.                   | Description                        | Qty. |
| 103-9765                   | Nut, Hex Toplock 1-20UNEF-2B ..... | 1    |
| 103-4242                   | Asm, Wheel Hub W/Studs .....       | 1    |
| 103-7447                   | Stud, Wheel 1/2-20 x 1/2 .....     | 4    |

| ■ Hydro Pump Service Kits 20 & 23HP |                                   |      |
|-------------------------------------|-----------------------------------|------|
| Part No.                            | Description                       | Qty. |
| 103-7441                            | Bearing, Input Shaft PJ .....     | 1    |
| 103-7443                            | Kit, Cylinder Block 12CC PJ ..... | 1    |
| 103-8448                            | Bearing, Thrust PJ .....          | 1    |
| 105-6184                            | Kit, Overhaul Seal PJ .....       | 1    |
| 103-7488                            | Fan, Pump Cooling .....           | 1    |
| 103-7489                            | Guard, Pump Fan .....             | 1    |

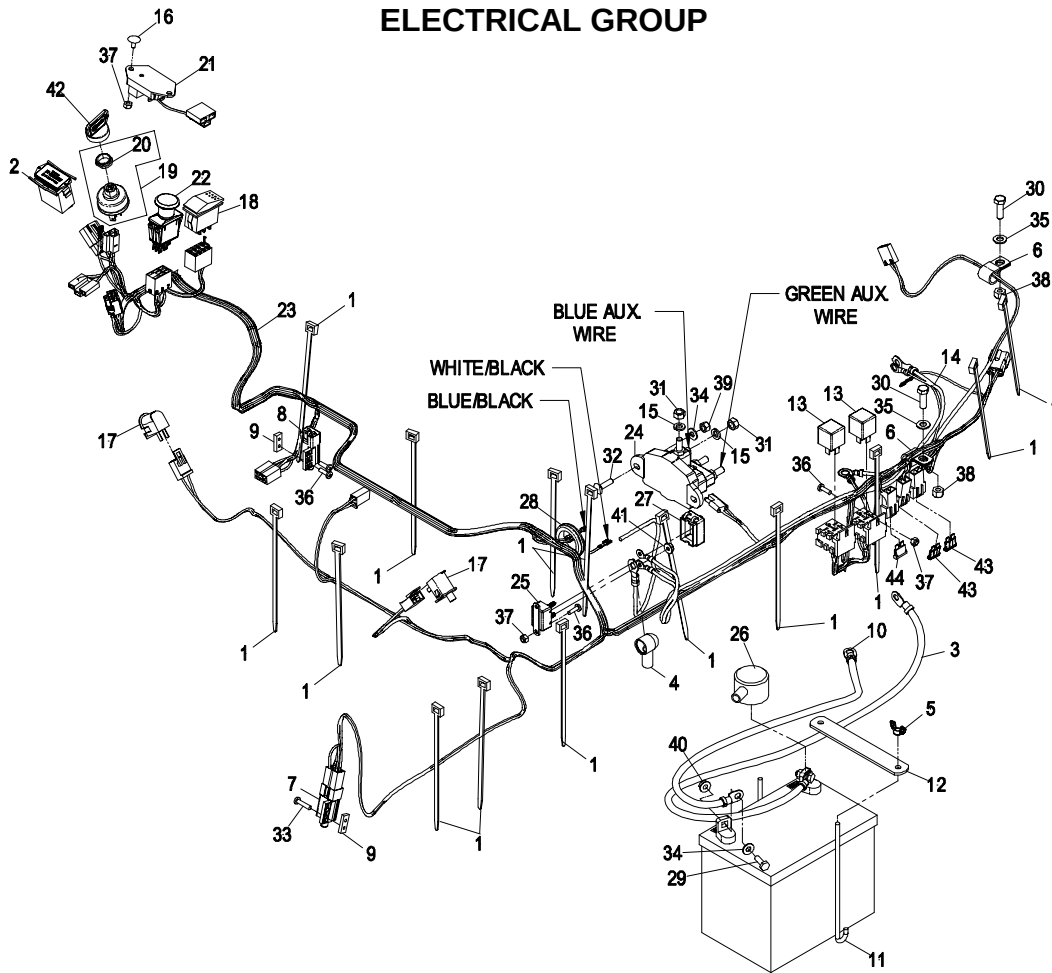
| Part No. | Description                       | Qty. |
|----------|-----------------------------------|------|
| 109-2863 | Bearing, Input Shaft PR .....     | 1    |
| 109-2864 | Kit, Cylinder Block 12CC PR ..... | 1    |
| 109-2865 | Bearing, Thrust PR .....          | 1    |
| 109-2866 | Kit, Overhaul Seal PR .....       | 1    |
| 109-2867 | Plate, Valve PR .....             | 1    |
| 103-7488 | Fan, Pump Cooling .....           | 1    |
| 103-7489 | Guard, Pump Fan .....             | 1    |

| + Hydro Pump Service Kits 27HP |  |  |
|--------------------------------|--|--|
|--------------------------------|--|--|

# HYDRAULIC GROUP



## ELECTRICAL GROUP



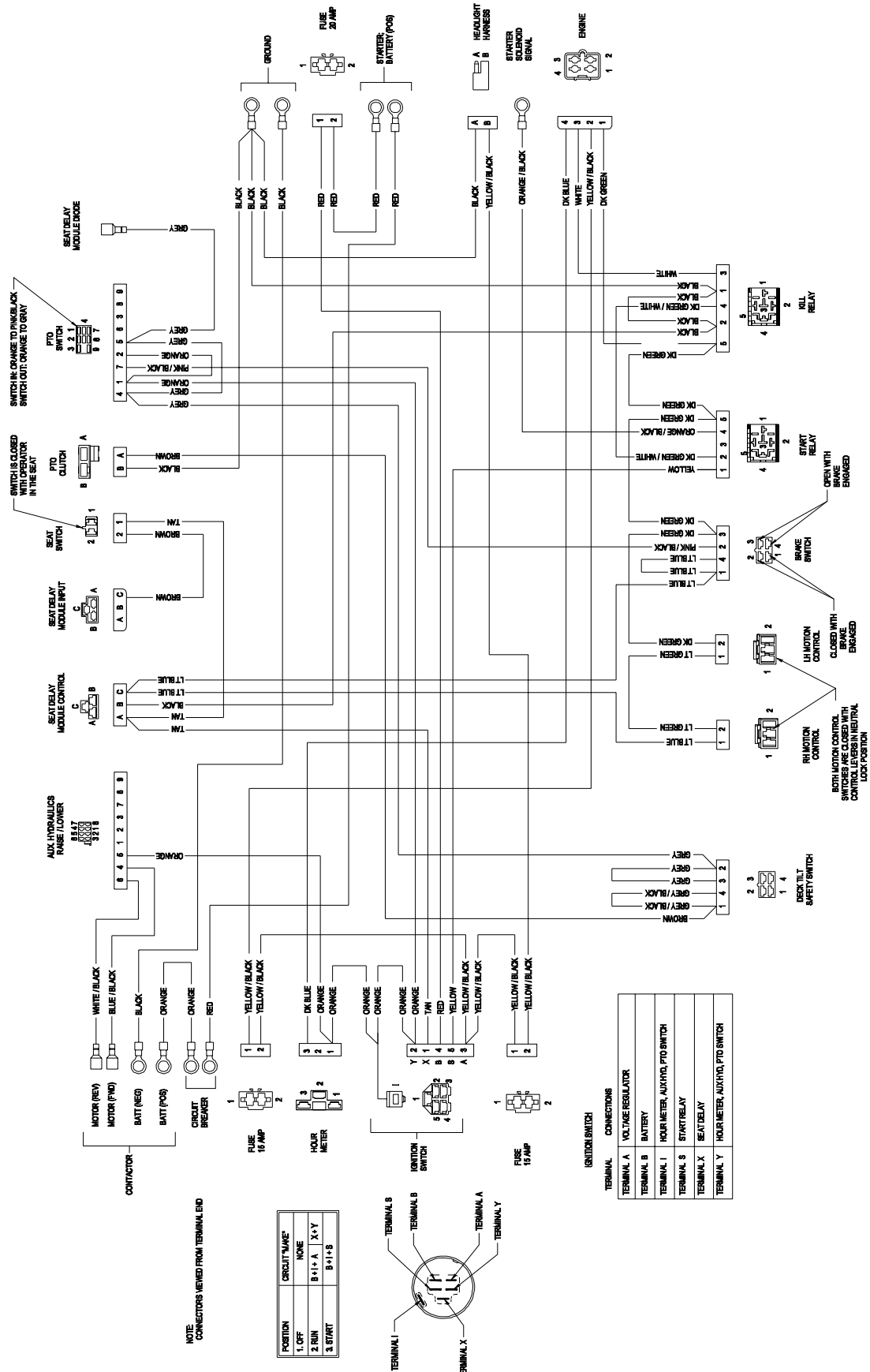
| Item | Part No.    | Description                        | Qty. |
|------|-------------|------------------------------------|------|
| 1    | 1-303335    | Tie, Cable 7 5/16 (Large) .....    | 14   |
| 2    | 1-513374    | Meter, Engine Hours .....          | 1    |
| 3    | 1-523279    | Cable, Battery (+).....            | 1    |
| 4    | 1-543393    | Insulator, Solenoid .....          | 2    |
| 5    | 1-543792    | Wingnut, Nyloc 1/4-20.....         | 2    |
| 6    | 1-603727    | Clip, Loom .....                   | 2    |
| 7    | 1-633110    | Switch .....                       | 1    |
| 8    | 1-633111    | Switch .....                       | 1    |
| 9    | 1-633181    | Plate, Tapped .....                | 2    |
| 10   | 1-633307    | Cable, Ground (-).....             | 1    |
| 11   | 1-633651    | Bolt Battery Hold Down .....       | 2    |
| 12   | 107-9277-03 | Strap, Battery Hold Down.....      | 1    |
| 13   | 1-643275    | Relay, 12VDC 40 Amp .....          | 2    |
| 14   | 109-2589    | Harness, Auxiliary Hydraulics..... | 1    |
| 15   | 1-805005    | Washer, Lock 5/16 Heavy.....       | 4    |
| 16   | 1-807513    | Bolt, Carriage #10-24 x 1/2 .....  | 2    |
| 17   | 82-2190     | Switch .....                       | 2    |
| 18   | 109-4813    | Switch .....                       | 1    |
| 19   | 109-4736    | Asm, Switch W/Nut.....             | 1    |
| 20   | 103-0498    | Nut, Ignition.....                 | 1    |
| 21   | 103-5218    | Module, Seat Delay.....            | 1    |
| 22   | 103-5221    | Switch, PTO.....                   | 1    |

|     |          |                                     |   |
|-----|----------|-------------------------------------|---|
| 23◆ | 103-9268 | Harness, Wiring.....                | 1 |
| 24  | 109-0742 | Contactor, Reversing Polarity ..... | 1 |
| 25  | 109-2398 | Breaker, Circuit 40A.....           | 1 |
| 26  | 109-2407 | Insulator, Battery (+) .....        | 1 |
| 27  | 109-2571 | Cover, Circuit Breaker .....        | 1 |
| 28  | 240-3    | Grommet .....                       | 1 |
| 29  | 321-4    | Screw, HH 1/4-20 x 3/4.....         | 2 |
| 30  | 322-5    | Screw, HH 5/16-18 x 1.....          | 2 |
| 31  | 3219-2   | Nut, Hex 5/16-24.....               | 4 |
| 32  | 3229-2   | Bolt, Carriage 1/4-20 x 1 .....     | 2 |
| 33  | 3250-27  | Screw, PPH #10-24 x 7/8.....        | 2 |
| 34  | 3256-22  | Washer, 1/4 SAE.....                | 4 |
| 35  | 3256-23  | Washer, 5/16 SAE.....               | 2 |
| 36  | 3290-500 | Screw, PPH #10-24 x 5/8.....        | 6 |
| 37  | 3296-2   | Nut, Nyloc #10-24 .....             | 6 |
| 38  | 3296-29  | Nut, Nyloc 5/16-18 .....            | 2 |
| 39  | 3296-42  | Nut, Nyloc 1/4-20 .....             | 2 |
| 40  | 32128-33 | Nut, Whizlock 1/4-20 .....          | 2 |
| 41  | 32149-8  | Nut, Keps 10-32 Unf YZ.....         | 2 |
| 42  | 103-2106 | Key, Exmark Logo .....              | 1 |
| 43  | 1-816001 | Fuse, 20 Amp .....                  | 2 |
| 44  | 109355   | Fuse, 15 Amp .....                  | 1 |

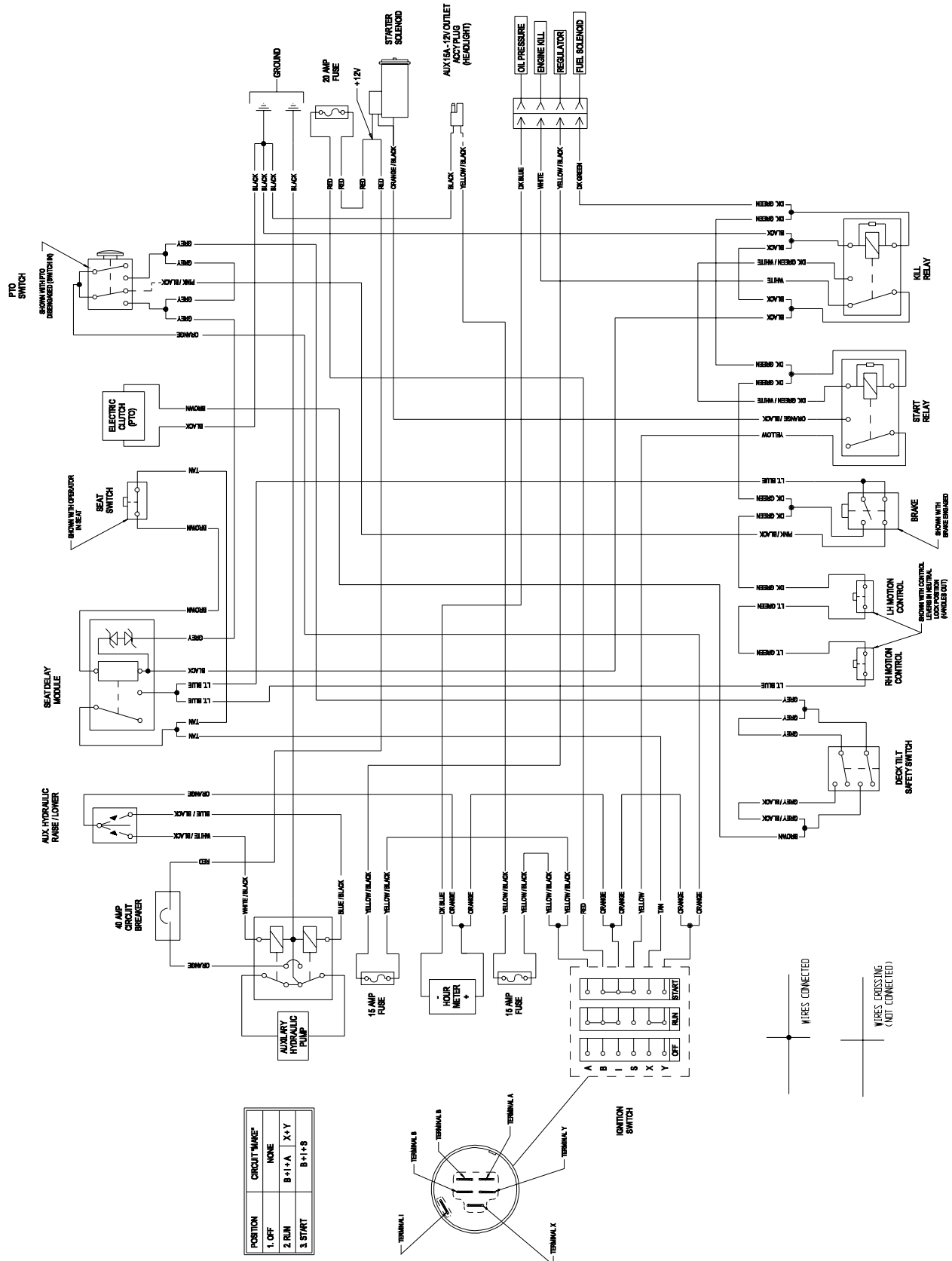
Exmark black touch up spray paint – gloss black.

◆ Use dielectric grease on all wiring harness connectors.

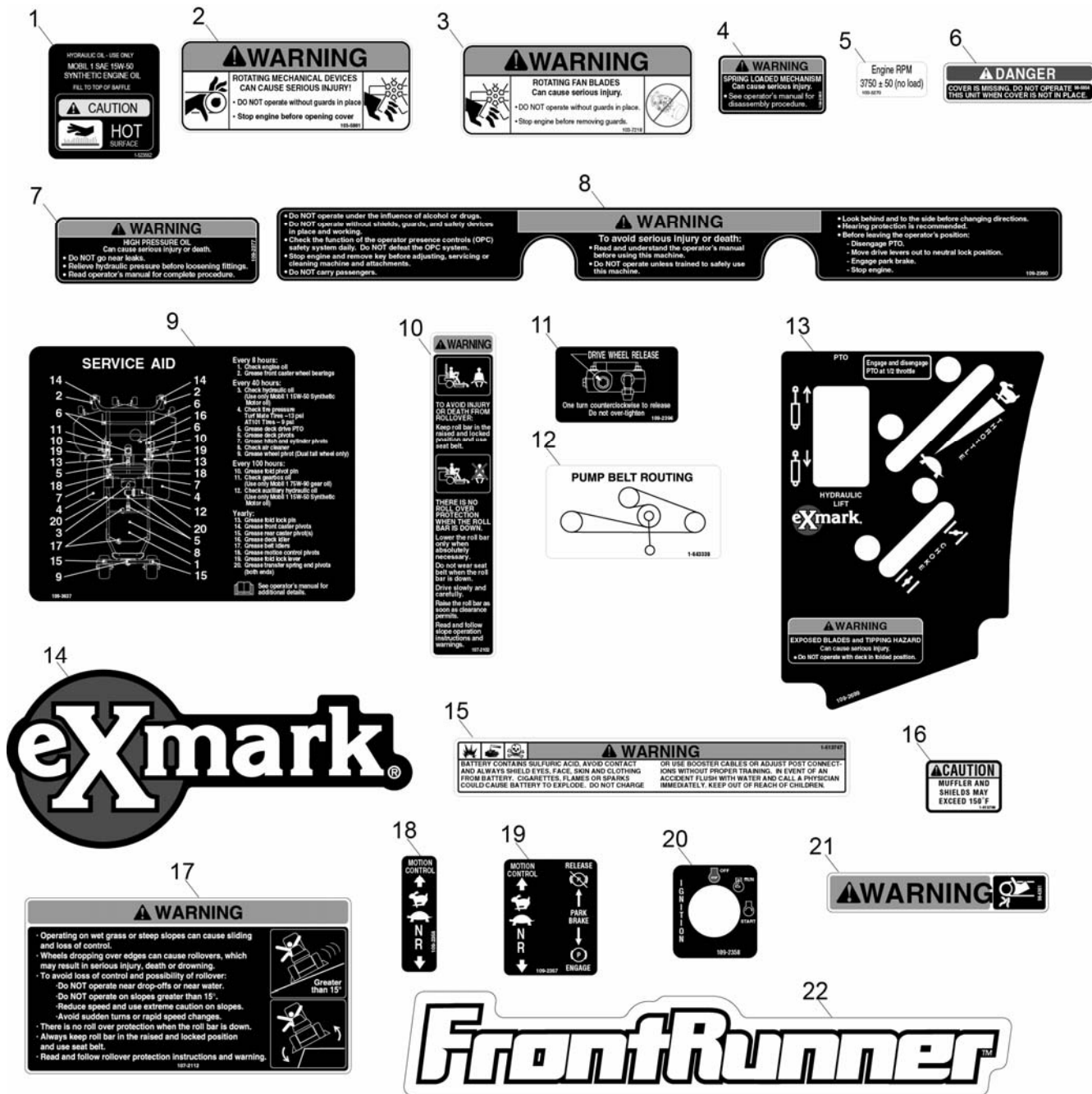
# ELECTRICAL DIAGRAM



## ELECTRICAL LOGIC SCHEMATIC



## DECALS GROUP



| Item | Part No. | Description                       | Qty. |
|------|----------|-----------------------------------|------|
| 1    | 1-523552 | Decal, Hydraulic Tank .....       | 1    |
| 2    | 103-5881 | Decal, Rotating Devices .....     | 2    |
| 3    | 103-7218 | Decal, Pump Fan Warning .....     | 1    |
| 4    | 109-2355 | Decal, Spring Loaded .....        | 2    |
| 5    | 103-3270 | Decal, 3750 Rpm .....             | 1    |
| 6    | 98-5954  | Decal, Missing Cover .....        | 1    |
| 7    | 109-2377 | Decal, High Pressure Oil .....    | 1    |
| 8    | 109-2360 | Decal, Top Console .....          | 1    |
| 9    | 109-3637 | Decal, Service Aid .....          | 1    |
| 10   | 107-2102 | Decal, Folding Rops Warning ..... | 1    |
| 11   | 109-2396 | Decal, Pump Drive Release .....   | 1    |
| 12   | 1-643339 | Decal, Routing Belt .....         | 1    |

| Item | Part No. | Description                       | Qty. |
|------|----------|-----------------------------------|------|
| 13   | 109-2699 | Decal, Console .....              | 1    |
| 14   | 103-2882 | Decal, Exmark Logo .....          | 2    |
| 15   | 1-513747 | Decal, Battery .....              | 1    |
| 16   | 1-513746 | Decal, Muffler .....              | 2    |
| 17   | 107-2112 | Decal, Warning .....              | 1    |
| 18   | 109-2356 | Decal, Motion Control .....       | 1    |
| 19   | 109-2357 | Decal, Motion Cntl/Park Brk ..... | 1    |
| 20   | 109-2358 | Decal, Ignition .....             | 1    |
| 21   | 98-4361  | Decal, Warning .....              | 2    |
| 22   | 109-2114 | Decal, Frontrunner .....          | 2    |
|      | 109-2851 | Kit, Decal                        |      |

## SERVICE RECORD

[illegible]

## NOTES

## **SEE EXMARK'S COMPLETE LINE OF ACCESSORIES**

### **RIDING ACCESSORIES**

CUSTOM RIDE SEAT SUSPENSION SYSTEM  
DECK LIFT ASSIST KIT  
HITCH KIT  
LIGHT KIT  
MICRO-MULCH SYSTEM  
ROLL OVER PROTECTION SYSTEM (ROPS)  
SNOW BLADE  
SUN SHADE  
TRASH CONTAINER  
TURF STRIPER  
ULTRA VAC COLLECTION SYSTEM  
ULTRA VAC QUICK DISPOSAL SYSTEM

### **WALK BEHIND ACCESSORIES**

GRASS CATCHER  
MICRO-MULCH SYSTEM  
STEERABLE SULKY  
SULKY HITCH KIT  
TURF STRIPER  
STANDON

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