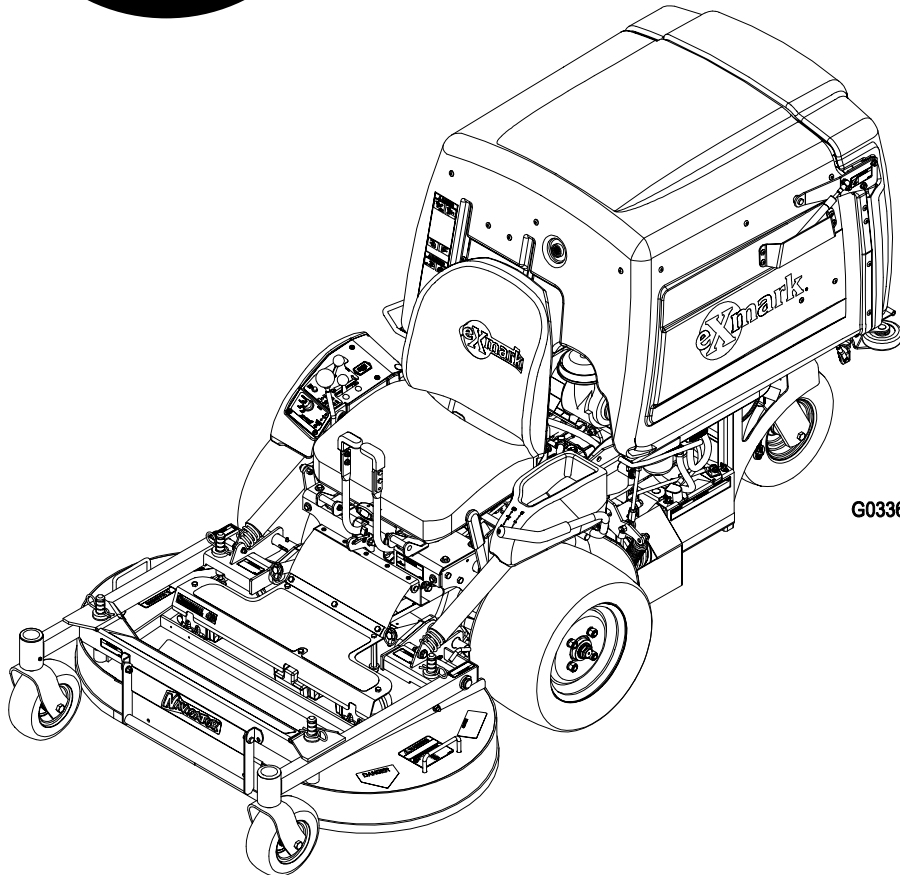


For Serial Nos.  
510,000 & Higher



# PARTS MANUAL

# NAVIGATOR

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 located at the rear of the machine under the hopper adjacent to the rear castor pivot. 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

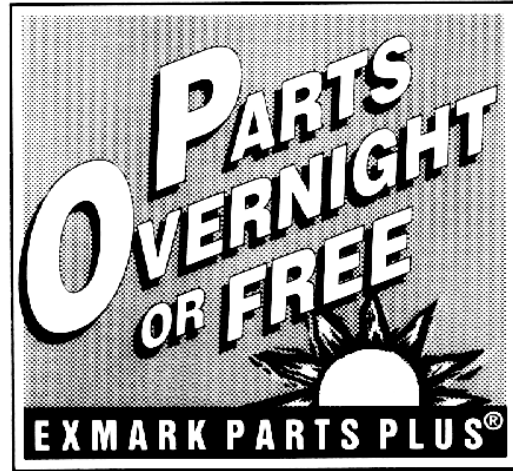
**EFFECTIVE DATE: September 1, 1995**

## **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

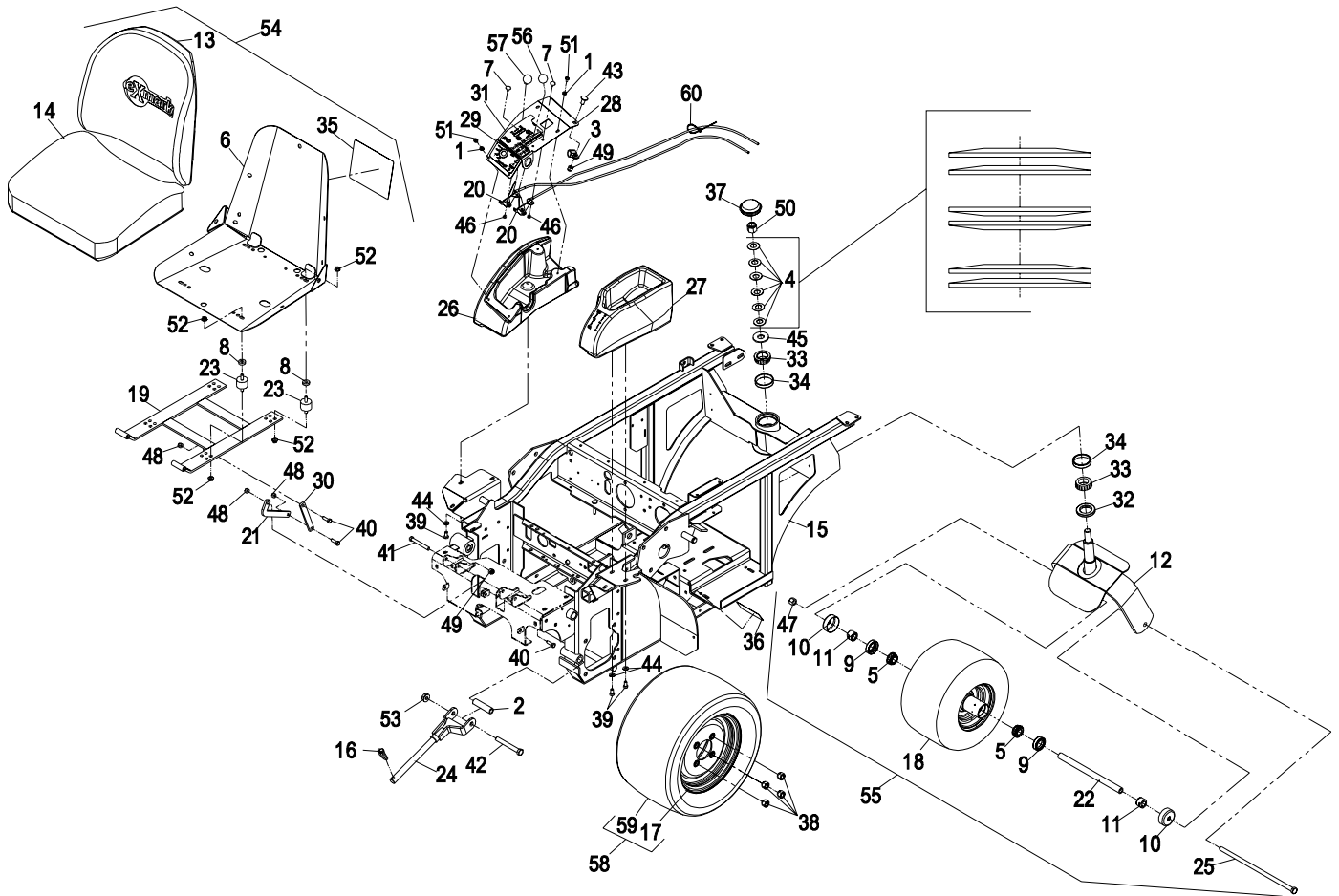
| Item | Part No.    | Description                         | Qty. |
|------|-------------|-------------------------------------|------|
| 1    | 1-303435    | Washer, Spring Disk 1/4 .....       | 4    |
| 2    | 1-633060    | Spacer .....                        | 2    |
| 3    | 1-633396    | Clip, Loom 5/8.....                 | 1    |
| 4    | 1-633508    | Washer, Spring Disk .....           | 6    |
| 5    | 1-633585    | Bearing, Cone Tapered Roller.....   | 2    |
| 6    | 103-9483    | Asm, Seat Frame W/Decal .....       | 1    |
| 7    | 1-807513    | Bolt, Carriage #10-24 x 1/2 .....   | 4    |
| 8    | 5-0652      | Spacer .....                        | 4    |
| 9    | 103-0063    | Seal, Double Lip.....               | 2    |
| 10   | 103-2768    | Guard, Seal.....                    | 2    |
| 11▲  | 103-3051    | Spacer, Nut.....                    | 2    |
| 12   | 103-3351-03 | Wld, Rear Caster Fork .....         | 1    |
| 13   | 103-3520    | Seat, Back .....                    | 1    |
| 14   | 103-3521    | Seat, Bottom.....                   | 1    |
| 15   | 103-9477    | Asm, Mainframe W/Decals .....       | 1    |
| 16   | 103-4155    | Pin, Lynch.....                     | 2    |
| 17   | 103-4318    | Wheel .....                         | 2    |
| 18   | 103-4325    | Asm, Wheel & Tire 13 x 8.00-6 ..... | 1    |
| 19   | 103-4362-03 | Wld, Seat Frame Std .....           | 1    |
| 20   | 103-5083    | Cable, Control.....                 | 2    |
| 21   | 103-5181    | Link, Lower Seat Stop.....          | 1    |
| 22   | 103-5302    | Axle, Caster .....                  | 1    |
| 23   | 103-5496    | Mount, Vibration Rubber .....       | 4    |
| 24   | 103-6596-03 | Wld, Push Rod.....                  | 2    |
| 25   | 103-7738    | Screw, HH 1/2-13 x 13 .....         | 1    |
| 26   | 103-8143    | Console, RH .....                   | 1    |
| 27   | 103-8146    | Console, LH .....                   | 1    |
| 28   | 103-9455    | Asm, Control Panel W/Decals.....    | 1    |
| 29   | 103-8451    | Decal, Ignition/Speed Control.....  | 1    |
| 30   | 103-8563    | Link, Seat.....                     | 1    |
| 31   | 103-8812    | Decal, Console .....                | 1    |

| Item | Part No. | Description                           | Qty. |
|------|----------|---------------------------------------|------|
| 32   | 103-9027 | Seal, Grease.....                     | 1    |
| 33   | 103-9028 | Cone, Bearing Taper Roller .....      | 2    |
| 34   | 103-9029 | Cup, Bearing Tapered Roller .....     | 2    |
| 35   | 103-9032 | Decal, Service Aid .....              | 1    |
| 36   | 103-9034 | Decal, Clutch Adjustment .....        | 1    |
| 37   | 103-9057 | Cap, Grease .....                     | 1    |
| 38   | 242-50   | Nut, Lug 1/2-20.....                  | 8    |
| 39   | 322-2    | Screw, HH 5/16-18 x 5/8.....          | 6    |
| 40   | 322-5    | Screw, HH 5/16-18 x 1.....            | 3    |
| 41   | 323-14   | Screw, HH 3/8-16 x 3.....             | 2    |
| 42   | 325-17   | Screw, HH 1/2-13 x 4.....             | 2    |
| 43   | 3231-27  | Bolt, Carriage 3/8-16 x 7/8 .....     | 1    |
| 44   | 3256-23  | Washer, 5/16 SAE .....                | 6    |
| 45   | 3256-8   | Washer.....                           | 1    |
| 46   | 3296-2   | Nut, Nyloc #10-24 .....               | 4    |
| 47   | 3296-23  | Nut, Nyloc 1/2-13 .....               | 1    |
| 48   | 3296-29  | Nut, Nyloc 5/16-18 .....              | 3    |
| 49   | 3296-39  | Nut, Nyloc 3/8-16 .....               | 3    |
| 50   | 3296-51  | Nut, Nyloc 3/4-10 .....               | 1    |
| 51   | 32122-30 | Screw, Truss HD #10-24 X 1/2 .....    | 4    |
| 52   | 32128-20 | Nut, Whizlock 5/16-18 .....           | 8    |
| 53   | 32128-49 | Nut, Whizlock 1/2-13 .....            | 2    |
| 54   | 103-9484 | Asm, Seat W/Decal .....               | 1    |
| 55   | 103-9494 | Asm, Rear Caster Wheel W/Axle.....    | 1    |
| 56   | 1-513592 | Knob, Ball Red.....                   | 1    |
| 57   | 1-513593 | Knob, Ball Black .....                | 1    |
| 58   | 103-4319 | Asm, Wheel & Tire 18 x 10.50-10 ..... | 2    |
|      | 103-4321 | Asm, Wheel & Tire 18 x 8.50-10 .....  | 2    |
| 59   | 105-1945 | Tire, 18 X 10.5-10 .....              | 2    |
|      | 103-4320 | Tire, 18 X 8.50-10 .....              | 2    |
| 60   | 1-303287 | Tie, Cable 5 1/2 (Small) .....        | 1    |

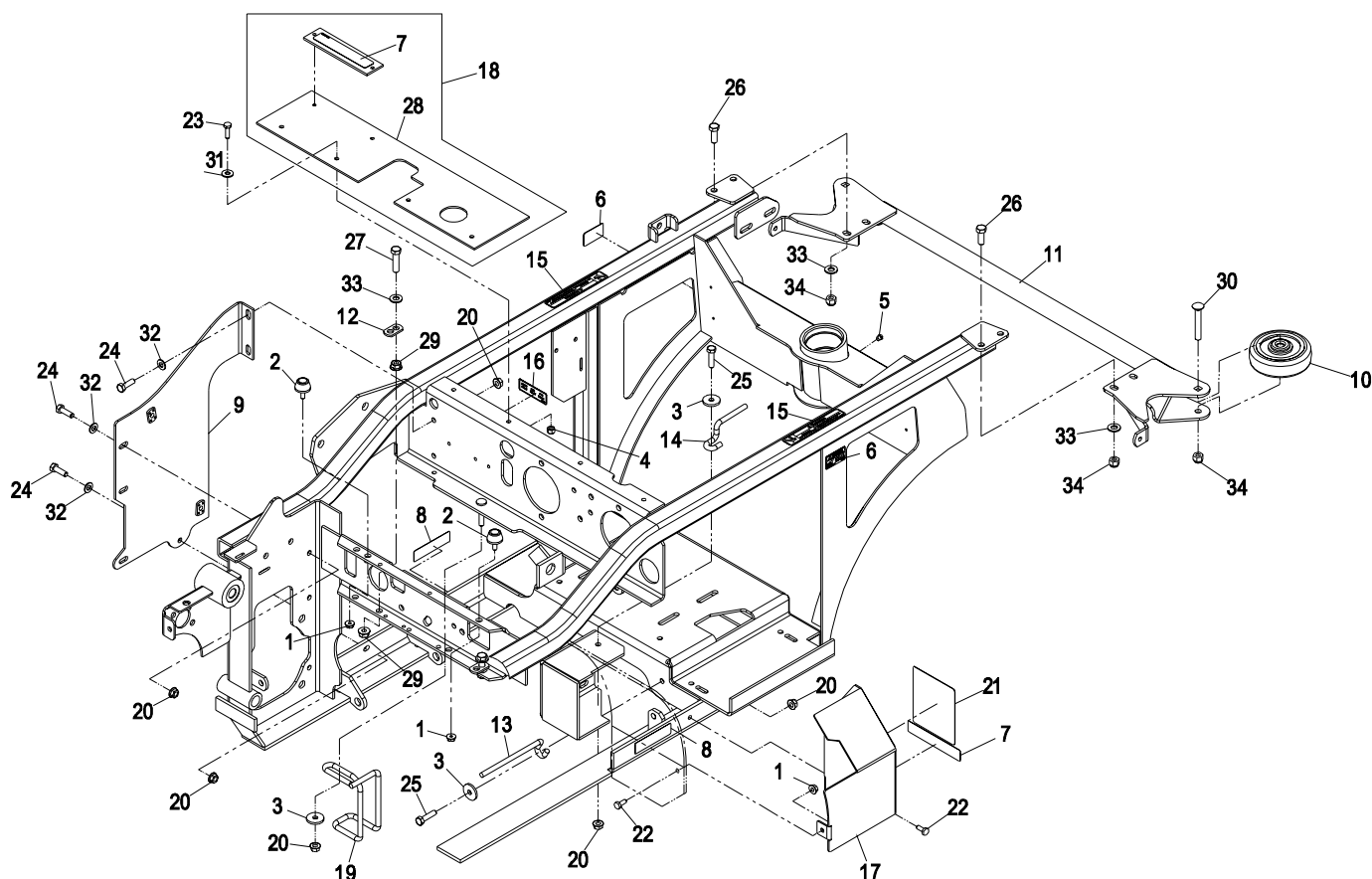
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▲ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on spacer nut, item #11.

# MAIN FRAME GROUP



## MAINFRAME GROUP (cont.)

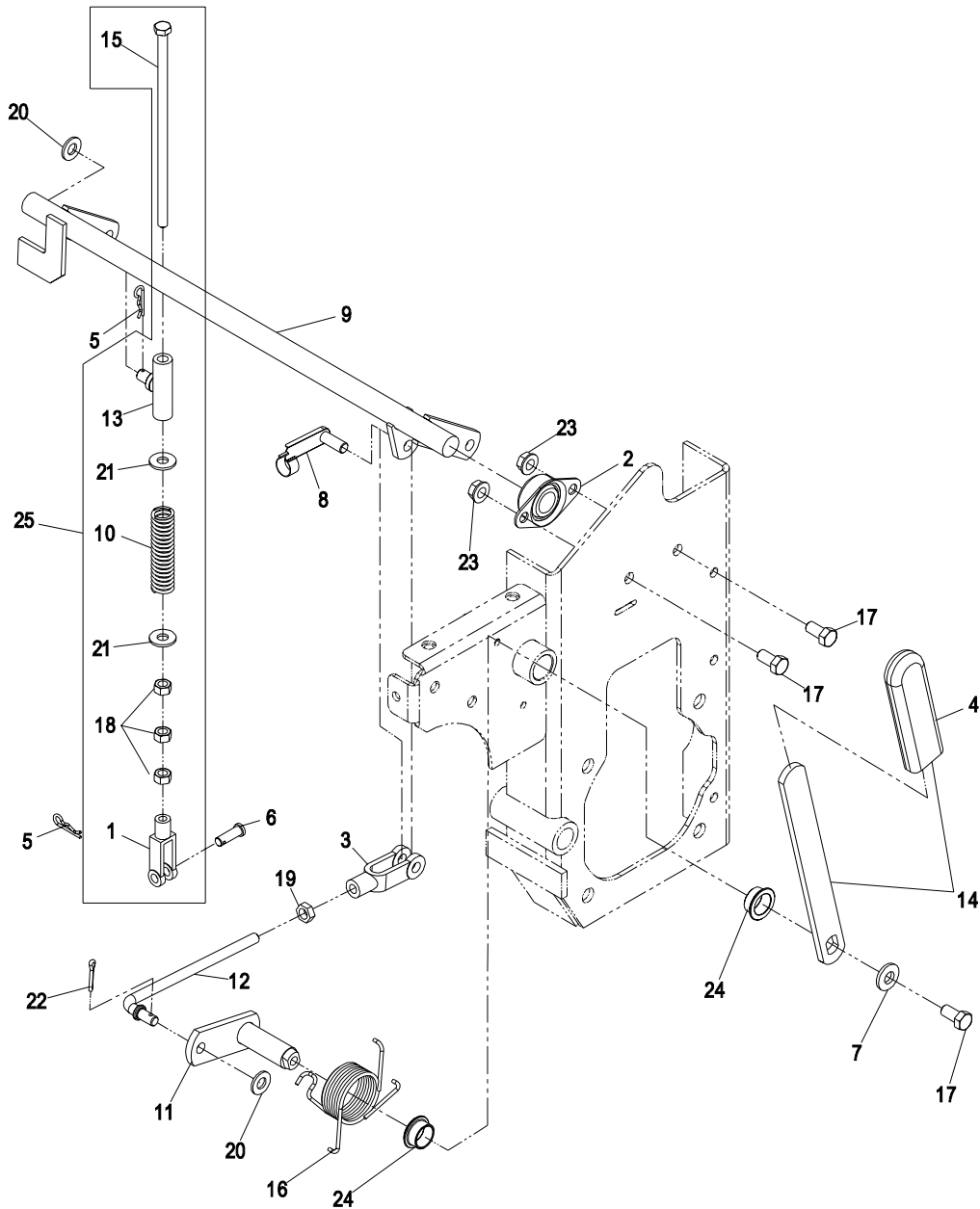


| Item | Part No.    | Description               | Qty. |
|------|-------------|---------------------------|------|
| 1    | 32128-33    | Nut, Whizlock 1/4-20..... | 4    |
| 2    | 1-523420    | Bumper .....              | 2    |
| 3    | 1-613235    | Washer .....              | 3    |
| 4    | 3296-42     | Nut, Nyloc 1/4-20 .....   | 4    |
| 5    | 1-811010    | Plug .....                | 1    |
| 6    | 65-2690     | Decal, Hot Surface.....   | 2    |
| 7    | 98-4361     | Decal, Warning .....      | 2    |
| 8    | 98-5954     | Decal, Danger .....       | 2    |
| 9    | 103-4306-03 | Wld, Fender .....         | 1    |
| 10   | 103-5408    | Wheel .....               | 2    |
| 11   | 103-5416-03 | Wld, Bumper Rear .....    | 1    |
| 12   | 103-6537    | Tab, Spring Anchor .....  | 2    |
| 13   | 103-8333    | Guide, Belt .....         | 1    |
| 14   | 103-8349    | Guide, Belt .....         | 1    |
| 15   | 103-8495    | Decal, Pinch Point .....  | 2    |
| 16   | 103-8611    | Decal, Relay .....        | 1    |
| 17   | 103-9475    | Asm Drive, Shield .....   | 1    |

| Item | Part No. | Description                         | Qty. |
|------|----------|-------------------------------------|------|
| 18   | 103-9476 | Asm, Shield W/Decal.....            | 1    |
| 19   | 103-9022 | Guide, Belt.....                    | 1    |
| 20   | 32128-20 | Nut, Whizlock 5/16-18 .....         | 9    |
| 21   | 103-9274 | Decal, Belt Routings .....          | 1    |
| 22   | 321-3    | Screw, HH 1/4-20 x 5/8.....         | 2    |
| 23   | 321-5    | Screw, HH 1/4-20 x 7/8.....         | 4    |
| 24   | 322-5    | Screw, HH 5/16-18 x 1.....          | 6    |
| 25   | 322-6    | Screw, HH 5/16-18 x 1 1/4.....      | 2    |
| 26   | 323-6    | Screw, HH 3/8-16 x 1.....           | 4    |
| 27   | 323-8    | Screw, HH 3/8-16 x 1 1/2.....       | 2    |
| 28   | 103-8819 | Guard, Flap.....                    | 1    |
| 29   | 3290-357 | Nut, Whizlock 3/8-16 .....          | 4    |
| 30   | 3231-31  | Bolt, Carriage 3/8-16 x 2 1/2 ..... | 2    |
| 31   | 3256-2   | Washer, 1/4 Std.....                | 4    |
| 32   | 3256-23  | Washer, 5/16 SAE .....              | 6    |
| 33   | 3256-24  | Washer, 3/8 SAE.....                | 6    |
| 34   | 3296-39  | Nut, Nyloc 3/8-16 .....             | 6    |

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## PARK BRAKE GROUP



| Item | Part No.    | Description                   | Qty. |
|------|-------------|-------------------------------|------|
| 1    | 1-303105    | Yoke, Adjustable.....         | 2    |
| 2    | 1-633102    | Bearing, Side Flange .....    | 2    |
| 3    | 1-633131    | Yoke, Brake Linkage.....      | 1    |
| 4    | 1-633268    | Grip, Brake Lever.....        | 1    |
| 5    | 1-806003    | Hairpin, Cotter.....          | 4    |
| 6    | 1-808280    | Pin, Clevis 5/16 x 1 .....    | 2    |
| 7    | 98-5975     | Washer, Spring Disk 3/8 ..... | 1    |
| 8    | 103-2399    | Pin, Clevis Spring 3/8.....   | 1    |
| 9    | 103-4383-03 | Wld, Brakeshaft .....         | 1    |
| 10   | 103-4388    | Spring, Brake .....           | 2    |
| 11   | 103-4390    | Wld, Brake Pivot .....        | 1    |
| 12   | 103-4399    | Rod, Linkage Brake .....      | 1    |
| 13   | 103-6576    | Wld, Swivel Brake.....        | 2    |

| Item | Part No. | Description                         | Qty. |
|------|----------|-------------------------------------|------|
| 14   | 103-9469 | Asm, Park Brake Handle W/Grip ..... | 1    |
| 15   | 103-7377 | Screw, HH 5/16-24 x 7 3/4.....      | 2    |
| 16   | 103-9915 | Spring, Torsion RH .....            | 1    |
| 17   | 323-4    | Screw, HH 3/8-16 x 3/4.....         | 5    |
| 18   | 3219-2   | Nut, Hex 5/16-24.....               | 6    |
| 19   | 3219-3   | Nut, Hex 3/8-24.....                | 1    |
| 20   | 3256-24  | Washer, 3/8 SAE.....                | 3    |
| 21   | 3256-3   | Washer, 5/16 Std.....               | 4    |
| 22   | 3272-10  | Pin, Cotter 1/8 x 3/4 .....         | 1    |
| 23   | 3290-357 | Nut, Whizlock 3/8-16 .....          | 4    |
| 24   | 108519   | Bushing, Bronze .....               | 2    |
| 25   | 109-0714 | Asm, Brake Linkage .....            | 1    |

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## SPEED CONTROLS GROUP

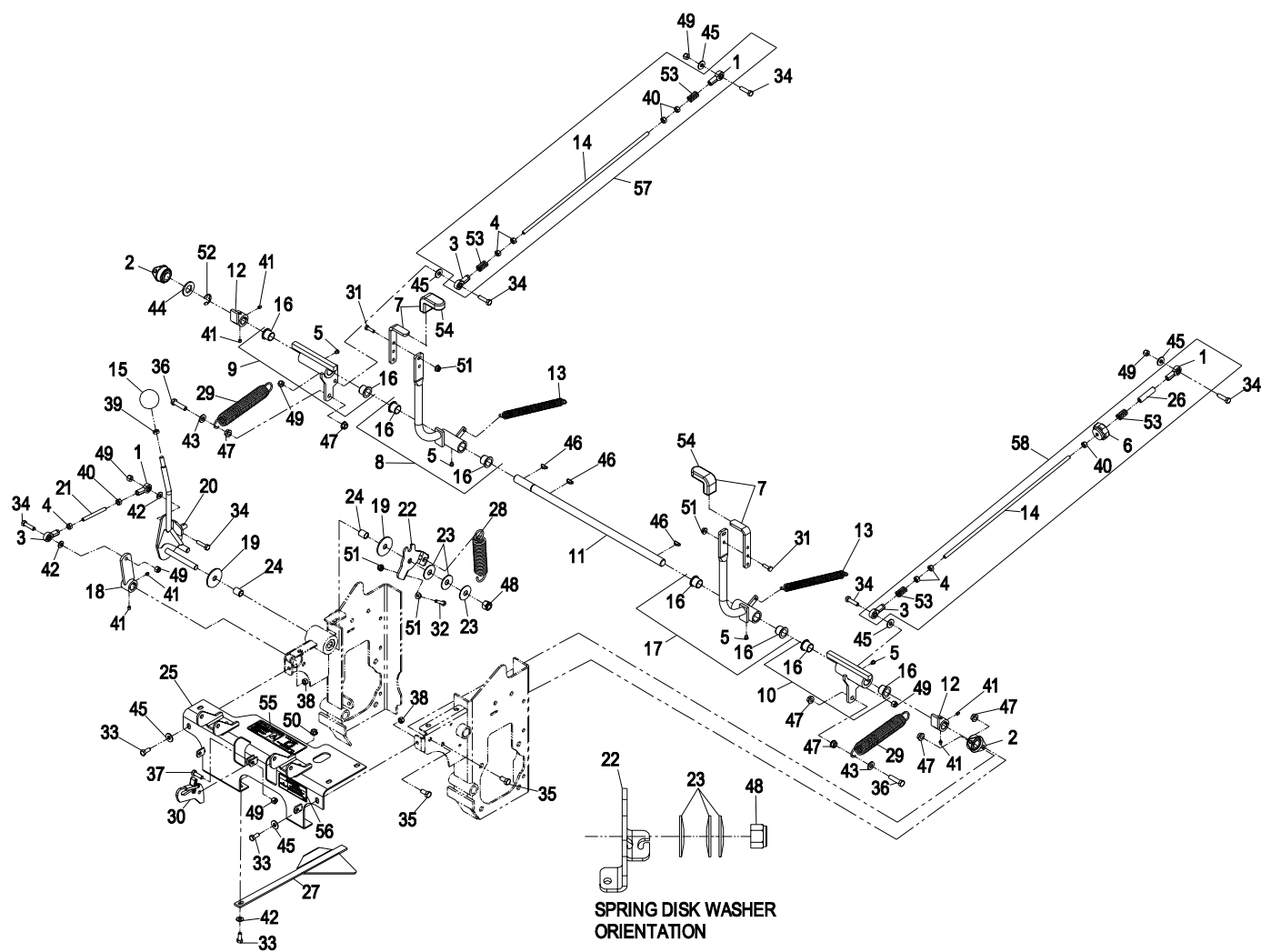
| Item | Part No.    | Description                            | Qty. |
|------|-------------|----------------------------------------|------|
| 1    | 1-543017    | Ball Joint, (RH).....                  | 3    |
| 2    | 1-633102    | Bearing, Side Flange .....             | 2    |
| 3    | 1-633152    | Ball Joint, (LH) .....                 | 3    |
| 4    | 1-804524    | Nut, Hex 5/16-24 (LH) .....            | 5    |
| 5    | 1-811010    | Plug .....                             | 4    |
| 6    | 103-3060    | Knob, Tracking.....                    | 1    |
| 7    | 103-9468    | Asm, Handle W/Grip .....               | 2    |
| 8    | 103-9730    | Asm, Steering Lever W/Bearings (RH)... | 1    |
| 9    | 103-9731    | Asm, Actuator W/Bearings (RH) .....    | 1    |
| 10   | 103-9732    | Asm, Actuator W/Bearings (LH) .....    | 1    |
| 11   | 103-4278    | Shaft, Speed Control.....              | 1    |
| 12   | 103-4342-03 | Wld, Hub Speed Control .....           | 2    |
| 13   | 103-4373    | Spring, Extension.....                 | 2    |
| 14   | 103-4377    | Linkage, Rod Steering (LH).....        | 2    |
| 15   | 103-4397    | Knob, Speed Control.....               | 1    |
| 16   | 103-4398    | Bearing, Flange Iglide .....           | 8    |
| 17   | 103-9733    | Asm, Steering Lever W/Bearings (LH) .. | 1    |
| 18   | 103-5008    | Wld, Control Arm .....                 | 1    |
| 19   | 103-5009    | Disc, Friction .....                   | 2    |
| 20   | 103-5013    | Wld, Speed Control Lever .....         | 1    |
| 21   | 103-5016    | Rod, Threaded Control Link .....       | 1    |
| 22   | 103-5017    | Plate, Speed Control Friction .....    | 1    |
| 23   | 103-5018    | Washer, Spring Disk .....              | 3    |
| 24   | 103-5064    | Bearing, Plastic 1/2 .....             | 2    |
| 25   | 103-9473    | Asm, Console W/Decals .....            | 1    |
| 26   | 103-5945    | Spacer .....                           | 1    |
| 27   | 103-5993-03 | Guide, Plenum .....                    | 1    |
| 28   | 103-6078    | Spring, Extension.....                 | 1    |
| 29   | 103-6532    | Spring, Extension.....                 | 2    |

| Item | Part No. | Description                       | Qty. |
|------|----------|-----------------------------------|------|
| 30   | 103-8494 | Hook .....                        | 1    |
| 31   | 321-5    | Screw, HH 1/4-20 x 7/8.....       | 4    |
| 32   | 321-8    | Screw, HH 1/4-20 x 1 1/4.....     | 1    |
| 33   | 322-3    | Screw, HH 5/16-18 x 3/4.....      | 6    |
| 34   | 322-6    | Screw, HH 5/16-18 x 1 1/4.....    | 6    |
| 35   | 323-4    | Screw, HH 3/8-16 x 3/4.....       | 4    |
| 36   | 323-8    | Screw, HH 3/8-16 x 1 1/2.....     | 2    |
| 37   | 322-5    | Screw, HH 5/16-18 x 1.....        | 1    |
| 38   | 3217-6   | Nut, Hex 5/16-18.....             | 2    |
| 39   | 3218-3   | Nut, Jam 3/8-16 .....             | 1    |
| 40   | 3219-2   | Nut, Hex 5/16-24.....             | 4    |
| 41   | 3245-1   | Setscrew, 1/4-20 x 1/4 .....      | 6    |
| 42   | 3256-23  | Washer, 5/16 SAE .....            | 3    |
| 43   | 3256-24  | Washer, 3/8 SAE .....             | 2    |
| 44   | 3256-28  | Washer, 3/4 SAE .....             | 1    |
| 45   | 3256-3   | Washer, 5/16 Std.....             | 9    |
| 46   | 3257-5   | Key, Woodruff #9 3/4 x 3/16 ..... | 3    |
| 47   | 3290-357 | Nut, Whizlock 3/8-16 .....        | 8    |
| 48   | 3296-19  | Nut, Nyloc 1/2-20 .....           | 1    |
| 49   | 3296-29  | Nut, Nyloc 5/16-18 .....          | 7    |
| 50   | 32128-20 | Nut, Whizlock 5/16-18 .....       | 1    |
| 51   | 32128-33 | Nut, Whizlock 1/4-20 .....        | 6    |
| 52   | 32151-48 | E-Ring .....                      | 1    |
| 53   | 1-323245 | Spring, Compression .....         | 4    |
| 54   | 103-5994 | Grip, Steering Handle .....       | 2    |
| 55   | 103-8416 | Decal, Wheel Motor/Mercury .....  | 1    |
| 56   | 103-8425 | Decal, Driveline .....            | 1    |
| 57   | 103-9493 | Asm, Pump Linkage (RH) .....      | 1    |
| 58   | 103-9492 | Asm, Pump Linkage (LH).....       | 1    |

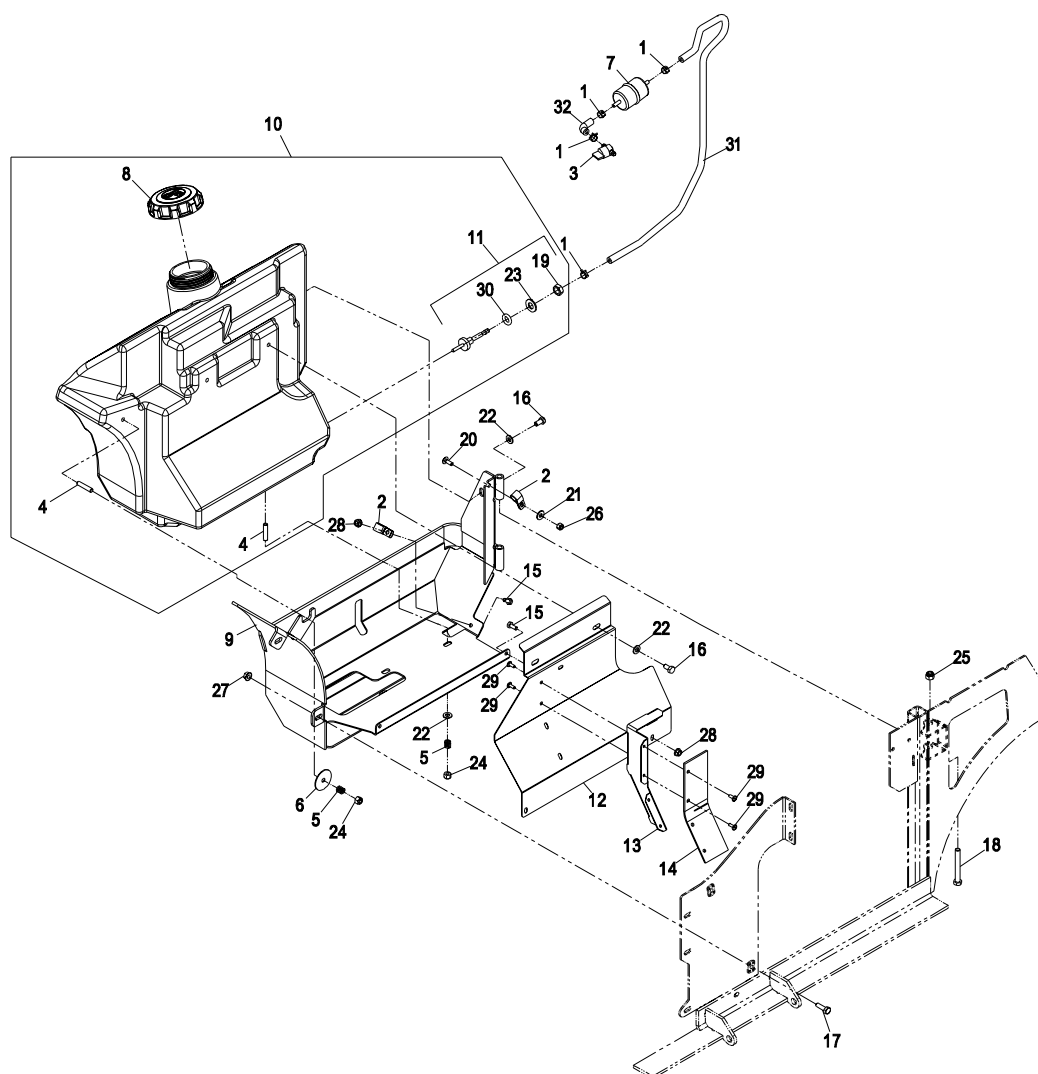
Exmark black touch up spray paint – Gloss black.



# SPEED CONTROLS GROUP



## FUEL GROUP



| Item | Part No.      | Description                          | Qty. |
|------|---------------|--------------------------------------|------|
| 1    | 1-303077      | Clamp-Line, Fuel.....                | 4    |
| 2    | 1-513762      | Clip, Loom 1/2.....                  | 2    |
| 3    | 1-603770      | Valve, Fuel.....                     | 1    |
| 4■   | 1-633023      | Stud, Fuel Tank .....                | 3    |
| 5    | 1-633349      | Spring, Compression .....            | 3    |
| 6    | 1-653036      | Washer .....                         | 1    |
| 7+   | <b>Kohler</b> | Part No. 2405002 Fuel Filter .....   | 1    |
| 8    | 103-3536      | Cap, Fuel .....                      | 1    |
| 9    | 103-5765-03   | Wld, Tank Frame .....                | 1    |
| 10   | 103-9454      | Asm, Tank Fuel.....                  | 1    |
| 11▲  | 103-6057      | Fitting, Fuel Bulkhead W/Screen..... | 1    |
| 12   | 103-6074-03   | Panel, Tank Shield.....              | 1    |
| 13   | 103-7095-03   | Deflector, Air .....                 | 1    |
| 14   | 103-9658      | Flap, Rubber .....                   | 1    |
| 15   | 321-3         | Screw, HH 1/4-20 x 5/8 .....         | 3    |
| 16   | 322-2         | Screw, HH 5/16-18 x 5/8 .....        | 3    |

|     |          |                                   |   |
|-----|----------|-----------------------------------|---|
| 17■ | 322-5    | Screw, HH 5/16-18 x 1 .....       | 2 |
| 18  | 323-14   | Screw, HH 3/8-16 x 3 .....        | 2 |
| 19  | 3220-5   | Nut, Jam 1/2-20 .....             | 1 |
| 20  | 3229-1   | Bolt, Carriage 1/4-20 x 3/4 ..... | 1 |
| 21  | 3256-2   | Washer, 1/4 Std.....              | 1 |
| 22  | 3256-23  | Washer, 5/16 SAE .....            | 5 |
| 23  | 3256-26  | Washer, 1/2 SAE .....             | 1 |
| 24  | 3296-47  | Nut, Nyloc 5/16-18 Thin .....     | 3 |
| 25  | 3296-39  | Nut, Nyloc 3/8-16 .....           | 2 |
| 26  | 3296-42  | Nut, Nyloc 1/4-20 .....           | 1 |
| 27  | 32128-20 | Nut, Whizlock 5/16-18 .....       | 2 |
| 28  | 32128-33 | Nut, Whizlock 1/4-20 .....        | 3 |
| 29  | 114439   | Rivet .....                       | 9 |
| 30  | 103-2784 | O-Ring .....                      | 1 |
| 31  | 103-4970 | Hose, Fuel Line 29" .....         | 1 |
| 32  | 1-603776 | Hose, Fuel Line 2 1/2" .....      | 1 |

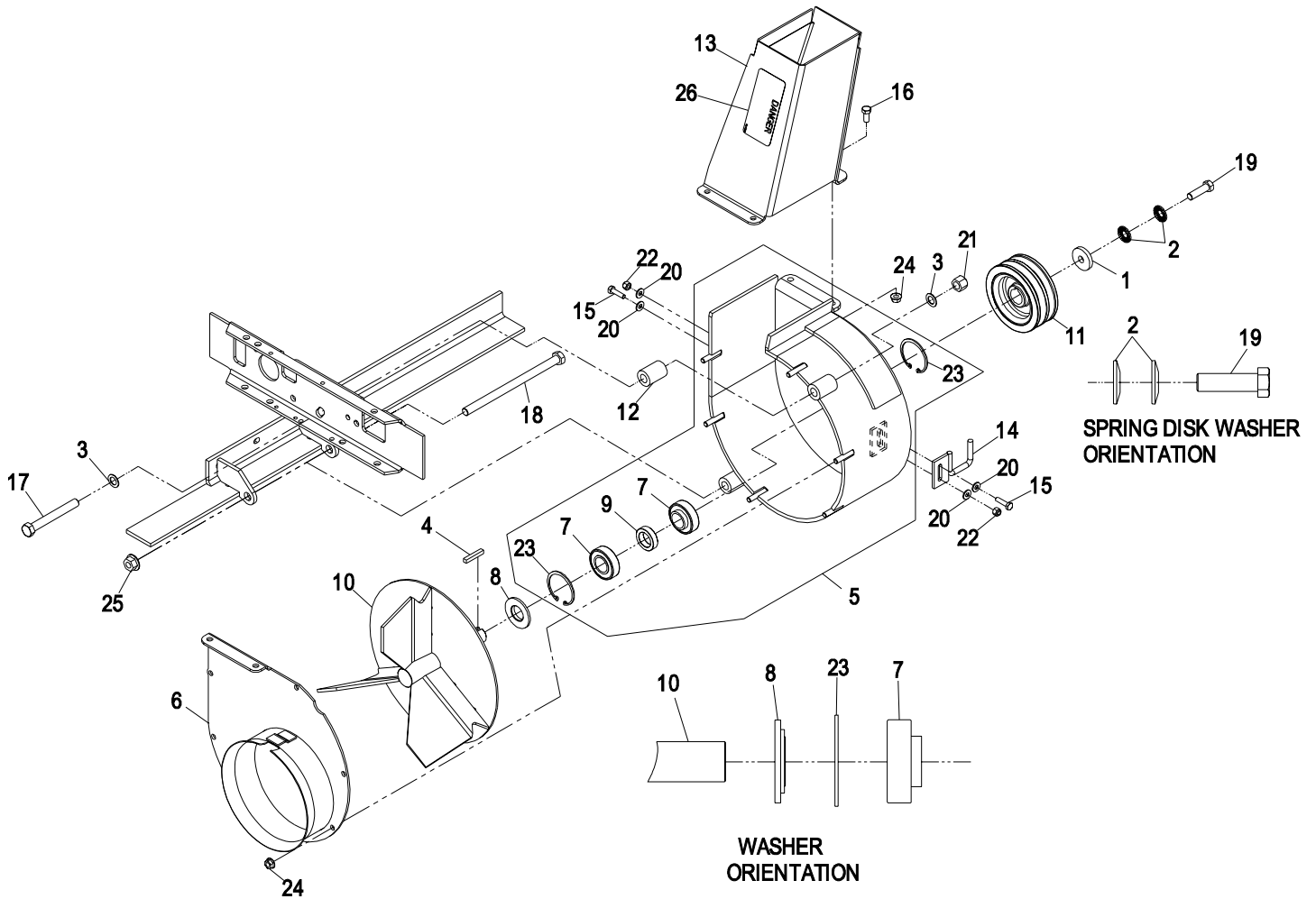
Exmark black touch up spray paint – Gloss black

■ Use Pro-Lock, Retaining Type (P/N 1-840023, .5ml tube) on stud threads, item #4 going into tank and on threads at the head of screw, item #17.

▲ 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).

## BLOWER GROUP



| Item | Part No.    | Description                          | Qty. |
|------|-------------|--------------------------------------|------|
| 1    | 1-543610    | Washer .....                         | 1    |
| 2    | 1-603610    | Washer, Spring Disk 7/16 .....       | 2    |
| 3    | 18-9810     | Washer, Thrust .....                 | 2    |
| 4    | 67-7490     | Key, Machine 1/4 x 1/4 x 1 1/2 ..... | 1    |
| 5    | 109-0183    | Asm, Blower Housing W/Brgs .....     | 1    |
| 6    | 103-3370-03 | Wld, Blower Cover Assembly .....     | 1    |
| 7    | 103-3540    | Bearing, Ball .....                  | 2    |
| 8    | 103-3894    | Spacer, Blower .....                 | 1    |
| 9    | 103-4921    | Spacer, Bearing .....                | 1    |
| 10   | 103-5194    | Wld, Impeller .....                  | 1    |
| 11   | 103-6733    | Sheave, Blower .....                 | 1    |
| 12   | 103-6999    | Spacer, Mount .....                  | 1    |
| 13   | 103-9474    | Asm, Discharge Chute W/Decal .....   | 1    |
| 14   | 103-9167-03 | Wld, Guide .....                     | 1    |

| Item | Part No. | Description                     | Qty. |
|------|----------|---------------------------------|------|
| 15   | 321-6    | Screw, HH 1/4-20 x 1 .....      | 2    |
| 16   | 322-3    | Screw, HH 5/16-18 x 3/4 .....   | 4    |
| 17   | 325-17   | Screw, HH 1/2-13 x 4 .....      | 1    |
| 18   | 325-42   | Screw, HH 1/2-13 x 8 .....      | 1    |
| 19▲  | 3212-6   | Screw, HH 7/16-20 x 1 1/2 ..... | 1    |
| 20   | 3256-22  | Washer, 1/4 SAE .....           | 4    |
| 21   | 3296-23  | Nut, Nyloc 1/2-13 .....         | 1    |
| 22   | 3296-42  | Nut, Nyloc 1/4-20 .....         | 2    |
| 23   | 32120-8  | Ring, Retaining .....           | 2    |
| 24   | 32128-20 | Nut, Whizlock 5/16-18 .....     | 10   |
| 25   | 32128-49 | Nut, Whizlock 1/2-13 .....      | 1    |
| 26   | 79-0360  | Decal, Danger .....             | 1    |
| 27●  | 109-0184 | Asm, Blower Complete .....      | 1    |

Exmark black touch up spray paint – Gloss black.

▲ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on screw, item #19.

● Complete blower assembly contains all items shown except blower sheave, item #11.

## JACKSHAFT GROUP

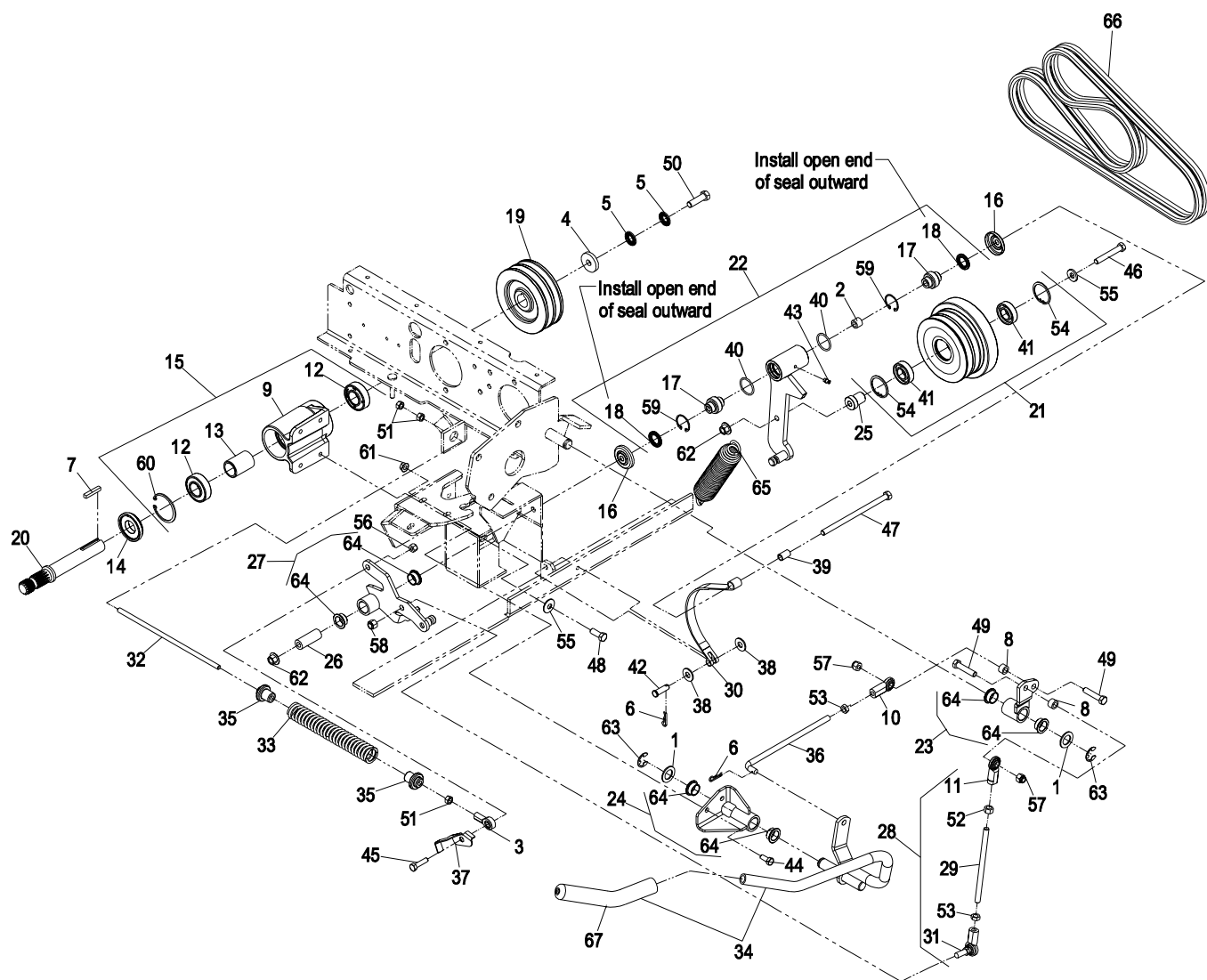
| Item | Part No. | Description                          | Qty. |
|------|----------|--------------------------------------|------|
| 1    | 1-303007 | Washer .....                         | 2    |
| 2    | 1-413088 | Spacer .....                         | 1    |
| 3    | 1-543017 | Ball Joint (RH).....                 | 1    |
| 4    | 1-543610 | Washer .....                         | 1    |
| 5    | 1-603610 | Washer, Spring Disk 7/16 .....       | 2    |
| 6    | 1-806003 | Hairpin, Cotter.....                 | 2    |
| 7    | 67-7490  | Key, Machine 1/4 x 1/4 x 1 1/2 ..... | 1    |
| 8    | 92-9025  | Spacer .....                         | 2    |
| 9    | 103-0280 | Housing, Jackshaft .....             | 1    |
| 10   | 103-0608 | Ball Joint (RH).....                 | 1    |
| 11   | 103-1167 | Ball Joint (LH) .....                | 1    |
| 12   | 103-2477 | Bearing, Ball .....                  | 2    |
| 13   | 103-2534 | Spacer, Bearing .....                | 1    |
| 14   | 103-2535 | Spacer, Guard Bottom .....           | 1    |
| 15   | 103-2544 | Asm, Jackshaft Housing .....         | 1    |
| 16   | 103-2916 | Guard, Top.....                      | 2    |
| 17   | 103-3504 | Bearing, Spherical.....              | 2    |
| 18   | 103-3506 | Seal, Single Lip.....                | 2    |
| 19   | 103-6732 | Sheave .....                         | 1    |
| 20   | 103-6735 | Jackshaft .....                      | 1    |
| 21   | 103-9439 | Asm, Idler Sheave .....              | 1    |
| 22   | 103-8253 | Asm, Idler Pivot.....                | 1    |
| 23   | 103-9295 | Asm, Pivot W/Bushing .....           | 1    |
| 24   | 103-9297 | Asm, Arm W/Bushing .....             | 1    |
| 25   | 103-7350 | Spacer, Idler .....                  | 1    |
| 26   | 103-7382 | Bushing.....                         | 1    |
| 27   | 103-9296 | Asm, Arm W/Bushing .....             | 1    |
| 28   | 103-7392 | Asm, Link Clutching .....            | 1    |
| 29   | 103-7393 | Linkage, Rod.....                    | 1    |
| 30   | 103-7697 | Band, Brake .....                    | 1    |
| 31   | 103-7994 | Ball Joint (RH).....                 | 1    |
| 32   | 103-7996 | Linkage, PTO Brake Rod .....         | 1    |
| 33   | 103-7997 | Spring, Brake .....                  | 1    |
| 34   | 103-9486 | Asm, PTO Handle W/Grip.....          | 1    |

| Item | Part No.    | Description                     | Qty. |
|------|-------------|---------------------------------|------|
| 35   | 103-8254    | Bushing, Spring .....           | 2    |
| 36   | 103-8277    | Link, Handle.....               | 1    |
| 37   | 103-8716-03 | Flag, Switch .....              | 1    |
| 38   | 3256-24     | Washer, 3/8 SAE.....            | 2    |
| 39   | 103-9816    | Spacer .....                    | 1    |
| 40   | 106-7159    | O-Ring [1.174 x .103].....      | 2    |
| 41   | 251-347     | Bearing, Ball Deep Groove ..... | 2    |
| 42   | 283-2       | Pin, Clevis 3/8 x 1 1/6 .....   | 1    |
| 43   | 302-19      | Zerk, 1/4-28 Str.....           | 1    |
| 44   | 322-3       | Screw, HH 5/16-18 x 3/4.....    | 2    |
| 45   | 322-6       | Screw, HH 5/16-18 x 1 1/4 ..... | 1    |
| 46   | 323-12      | Screw, HH 3/8-16 x 2 1/2.....   | 1    |
| 47   | 323-26      | Screw, HH 3/8-16 x 6 1/2.....   | 1    |
| 48   | 323-6       | Screw, HH 3/8-16 x 1.....       | 4    |
| 49   | 323-9       | Screw, HH 3/8-16 x 1 3/4.....   | 2    |
| 50▲  | 3212-6      | Screw, HH 7/16-20 x 1 1/2.....  | 1    |
| 51   | 3219-2      | Nut, Hex 5/16-24.....           | 3    |
| 52   | 3219-20     | Nut, Hex 3/8-24 LH.....         | 1    |
| 53   | 3219-3      | Nut, Hex 3/8-24.....            | 2    |
| 54   | 32151-13    | Ring, Retaining .....           | 2    |
| 55   | 98-5975     | Washer, Spring Disk 3/8.....    | 5    |
| 56   | 3296-29     | Nut, Nyloc 5/16-18.....         | 1    |
| 57   | 3296-39     | Nut, Nyloc 3/8-16.....          | 2    |
| 58   | 3296-6      | Nut, Nyloc 3/8-24.....          | 1    |
| 59   | 32120-10    | Ring, Retaining .....           | 2    |
| 60   | 32120-8     | Ring, Retaining .....           | 1    |
| 61   | 32128-20    | Nut, Whizlock 5/16-18 .....     | 2    |
| 62   | 32128-43    | Nut, Whizlock 3/8-16 .....      | 2    |
| 63   | 32151-48    | E-Ring .....                    | 2    |
| 64   | 108519      | Bushing, Bronze .....           | 6    |
| 65   | 109-0148    | Spring, Extension.....          | 1    |
| 66   | 103-6737    | Belt, Matched Pair .....        | 1    |
| 67   | 103-8153    | Grip, Control Lever .....       | 1    |

Exmark black touch up spray paint - gloss black.

▲ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on sheave bolt, item #50.

# JACKSHAFT GROUP



## ENGINE GROUP

| Item | Part No.    | Description                          | Qty. |
|------|-------------|--------------------------------------|------|
| 1    | 32120-10    | Ring, Retaining .....                | 2    |
| 2    | 1-303428    | Elbow, 90 .....                      | 1    |
| 3+   | 1-323326    | Nipple, Pipe 3/8 NPT .....           | 1    |
| 4    | 1-543610    | Washer .....                         | 1    |
| 5    | 1-603610    | Washer, Spring Disk 7/16 .....       | 2    |
| 6    | 1-653291    | Gasket, Exhaust Manifold .....       | 2    |
| 7    | 1-653331    | Spring, Extension.....               | 1    |
| 8    | 1-805005    | Washer, Lock 5/16 Heavy.....         | 4    |
| 9    | 67-7490     | Key, Machine 1/4 x 1/4 x 1 1/2 ..... | 1    |
| 10   | 98-5975     | Washer, Spring Disk 3/8 .....        | 8    |
| 11   | 32128-20    | Nut, Whizlock 5/16-18.....           | 4    |
| 12   | 33014-00    | Nut, Hex M8-1.25.....                | 4    |
| 13+  | 103-1965    | Valve, Oil Drain.....                | 1    |
| 14   | 103-2916    | Guard, Top.....                      | 1    |
| 15   | 103-3504    | Bearing, Spherical.....              | 2    |
| 16   | 103-3506    | Seal, Single Lip.....                | 2    |
| 17   | 103-3695-03 | Bracket, Air Filter .....            | 1    |
| 18   | 32128-43    | Nut, Whizlock 3/8-16.....            | 3    |
| 19   | 103-3953    | Pulley, Idler Flat .....             | 2    |

| Item | Part No.    | Description                     | Qty. |
|------|-------------|---------------------------------|------|
| 20   | 103-4244    | Belt .....                      | 1    |
| 21   | 103-7349    | Asm, Short Idler.....           | 1    |
| 22   | 103-6731    | Sheave, Engine .....            | 1    |
| 23   | 103-6961    | Hose, Air Intake.....           | 1    |
| 24   | 103-7444    | Muffler .....                   | 1    |
| 25   | 109-0181-03 | Shield, Exhaust.....            | 1    |
| 26   | 106-5574    | Spacer .....                    | 1    |
| 27   | 106-7159    | O-Ring .....                    | 2    |
| 28   | 302-11      | Zerk, 45° 1/4-28.....           | 1    |
| 29   | 322-3       | Screw, HH 5/16-18 x 3/4.....    | 4    |
| 30   | 323-12      | Screw, HH 3/8-16 x 2 1/2 .....  | 1    |
| 31   | 323-20      | Screw, HH 3/8-16 x 3-1/4.....   | 1    |
| 32   | 323-9       | Screw, HH 3/8-16 x 1 3/4.....   | 5    |
| 33   | 2412-42     | Clamp, Hose.....                | 2    |
| 34▲  | 3212-6      | Screw, HH 7/16-20 x 1 1/2 ..... | 1    |
| 35   | 3256-24     | Washer, 3/8 SAE.....            | 2    |
| 36   | 3290-357    | Nut, Whizlock 3/8-16 .....      | 4    |
| 37   | 323-4       | Screw, HH 3/8-16 x 3/4.....     | 4    |

Exmark black touch up spray paint – gloss black.

✚ Use a Teflon Pipe Sealant or equivalent on threads.

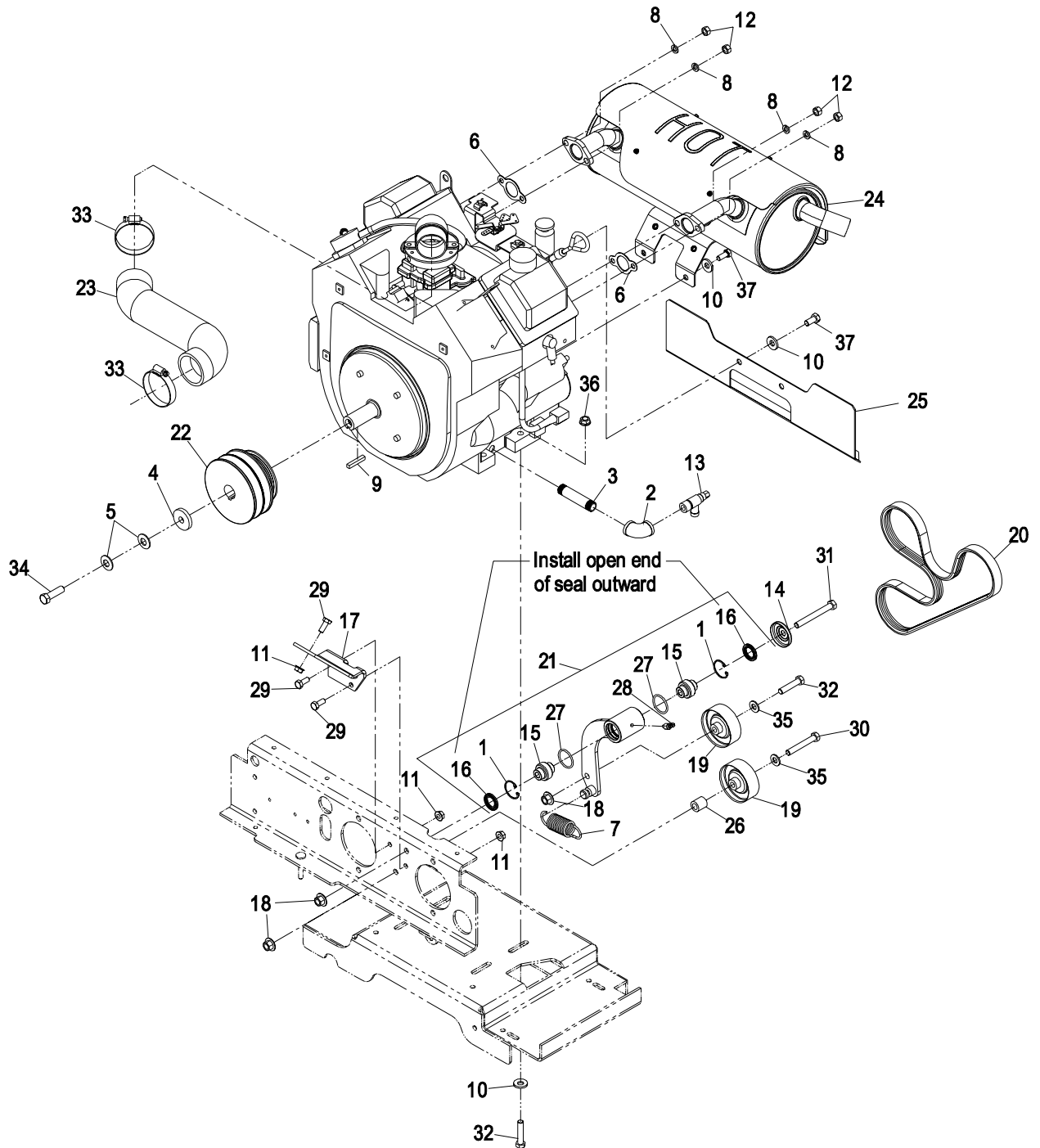
▲ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on sheave screw, item #34.

### **Kohler Replacement Parts List**

(Refer to Engine Owner's Manual)

| <u>Description</u>      | <u>Kohler Part</u> |
|-------------------------|--------------------|
| Engine Oil Filter ..... | 5205002            |
| Engine Air Filter ..... | 2508301            |
| Safety Filter .....     | 2508304            |

# ENGINE GROUP



## HYDRAULIC GROUP

| Item | Part No. | Description                            | Qty. |
|------|----------|----------------------------------------|------|
| 1    | 1-523552 | Decal, Hydraulic Tank .....            | 1    |
| 2    | 1-543286 | Grommet.....                           | 2    |
| 3    | 1-603990 | Adapter, Straight.....                 | 8    |
|      | 1-603920 | O-Ring .....                           | 1    |
|      | 1-603992 | O-Ring .....                           | 1    |
| 4    | 1-632208 | Arm, Pump Control .....                | 2    |
| 5    | 1-633396 | Clip, Loom 5/8.....                    | 2    |
| 6    | 1-803022 | Setscrew, 5/16-18 x 5/8 .....          | 2    |
| 7    | 1-803310 | Setscrew, 5/16-18 x 3/8 .....          | 4    |
| 8    | 1-805004 | Washer, Lock 1/4 Heavy .....           | 2    |
| 9    | 1-807272 | Key, 5mm x 5mm x 25mm .....            | 2    |
| 10   | 97-1271  | Clamp, Hose .....                      | 11   |
| 11   | 103-1828 | Adapter, Running Tee .....             | 1    |
|      | 1-603921 | O-Ring .....                           | 1    |
| 12   | 103-1912 | Adapter, Straight.....                 | 2    |
|      | 1-603921 | O-Ring .....                           | 1    |
| 13   | 103-1947 | Asm, Hydraulic Reservoir W/Decal ..... | 1    |
| 14   | 103-1948 | Cap, Hydraulic Reservoir .....         | 1    |
| 15   | 103-1949 | Gasket, Reservoir Cap.....             | 1    |
| 16●  | 103-3406 | Motor, Wheel (LH).....                 | 1    |
| 17   | 103-3765 | Spacer, Wheel Motor .....              | 8    |
| 18   | 103-4246 | Sheave .....                           | 2    |
| 19●  | 103-4612 | Motor, Wheel (RH).....                 | 1    |
| 20   | 103-5469 | Adapter, Tee Special .....             | 1    |
|      | 1-603921 | O-Ring .....                           | 1    |
| 21■  | 103-7442 | Pump, Hydro.....                       | 2    |

| Item | Part No. | Description                    | Qty. |
|------|----------|--------------------------------|------|
| 22   | 103-7706 | Grommet .....                  | 2    |
| 23   | 103-8631 | Bracket, Clamp .....           | 1    |
| 24   | 103-9914 | Hose, Hydraulic .....          | 1    |
| 25   | 104-7836 | Filter, Head .....             | 1    |
| 26   | 109-0071 | Element, Filter 25 Micron..... | 1    |
| +    | 1-523541 | Element, Filter (Winter).....  | 1    |
| 27   | 321-3    | Screw, HH 1/4-20 x 5/8.....    | 2    |
| 28   | 321-6    | Screw, HH 1/4-20 x 1.....      | 2    |
| 29   | 323-4    | Screw, HH 3/8-16 x 3/4.....    | 2    |
| 30   | 323-5    | Screw, HH 3/8-16 x 7/8.....    | 1    |
| 31   | 323-7    | Screw, HH 3/8-16 x 1 1/4.....  | 4    |
| 32   | 325-22   | Screw, HH 1/2-13 x 5 1/2.....  | 8    |
| 33   | 354-135  | Adapter, 90° .....             | 5    |
|      | 1-603921 | O-Ring .....                   | 1    |
| 34   | 3256-22  | Washer, 1/4 SAE.....           | 2    |
| 35   | 32128-33 | Nut, Whizlock 1/4-20 .....     | 2    |
| 36   | 32128-43 | Nut, Whizlock 3/8-16 .....     | 7    |
| 37   | 32128-49 | Nut, Whizlock 1/2-13 .....     | 8    |
| 38   | 103-6586 | Hose, Hydraulic .....          | 1    |
| 39   | 103-6585 | Hose, Hydraulic .....          | 1    |
| 40   | 103-5583 | Hose, Hydraulic .....          | 1    |
| 41   | 103-5584 | Hose, Hydraulic .....          | 1    |
| 42   | 103-7833 | Hose, Hydraulic .....          | 1    |
| 43   | 103-5477 | Hose, Hydraulic .....          | 1    |
| 44   | 103-5452 | Hose, Hydraulic .....          | 1    |
| 45   | 103-8617 | Hose, Hydraulic .....          | 1    |

Exmark black touch up spray paint – gloss black.

▲ Use Prolock, Nut Type (P/N 1-840022, .5ml tube) on setscrews, items #6 & #7.

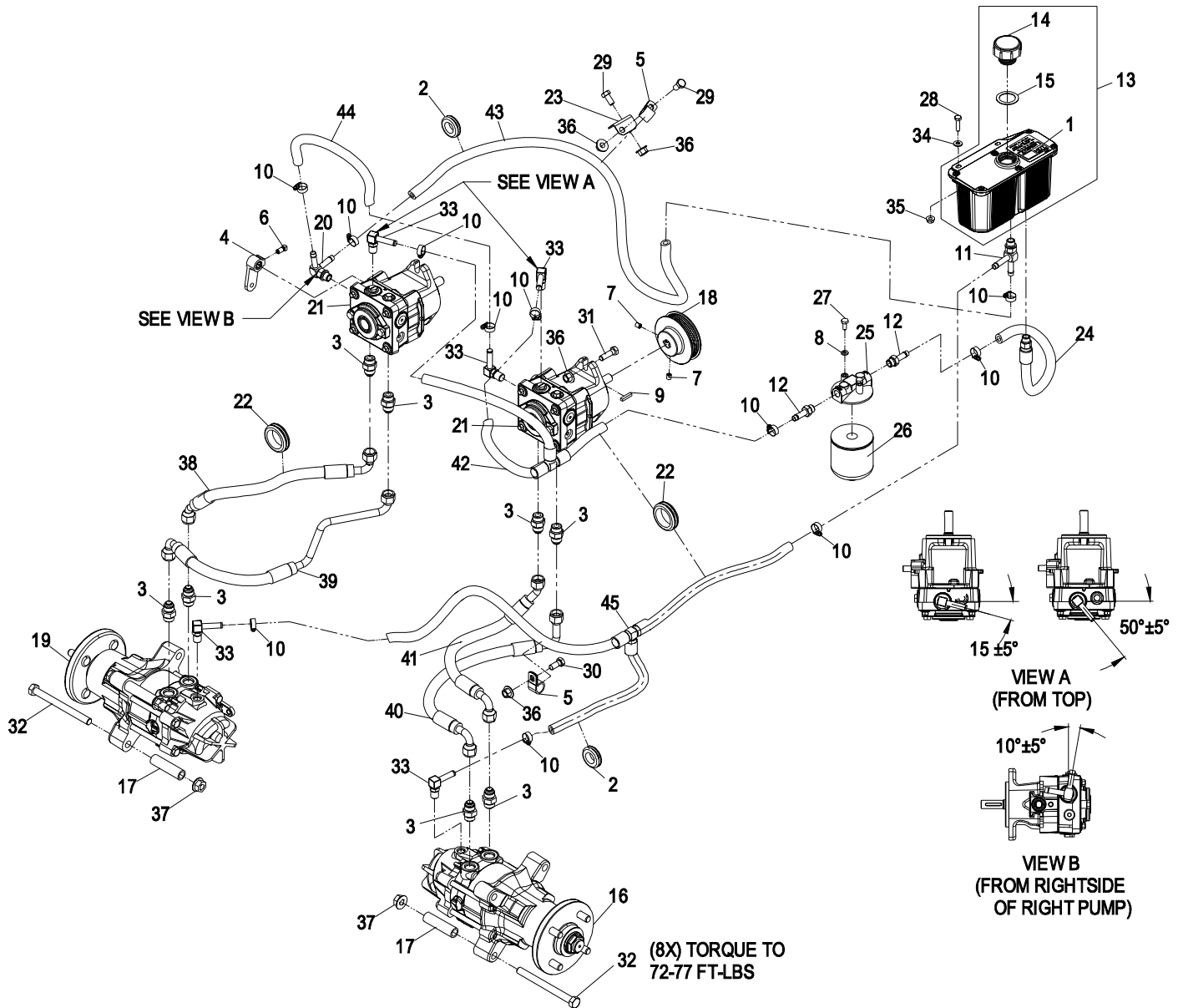
+ Use only for operation below 32°F (0°C).

| ● Wheel Motor Service Kits |                                    |      |
|----------------------------|------------------------------------|------|
| Part No.                   | Description                        | Qty. |
| 103-9762                   | Kit, Seal .....                    | 1    |
| 103-9763                   | Handle, Actuating.....             | 1    |
| 103-9764                   | Clip, Retaining.....               | 1    |
| 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 |                               |      |
|---------------------------|-------------------------------|------|
| Part No.                  | Description                   | Qty. |
| 103-7441                  | Bearing, Input Shaft.....     | 1    |
| 103-7443                  | Kit, Cylinder Block 12CC..... | 1    |
| 103-8448                  | Bearing, Thrust.....          | 1    |
| 105-6184                  | Kit, Overhaul Seal.....       | 1    |



# HYDRAULIC GROUP



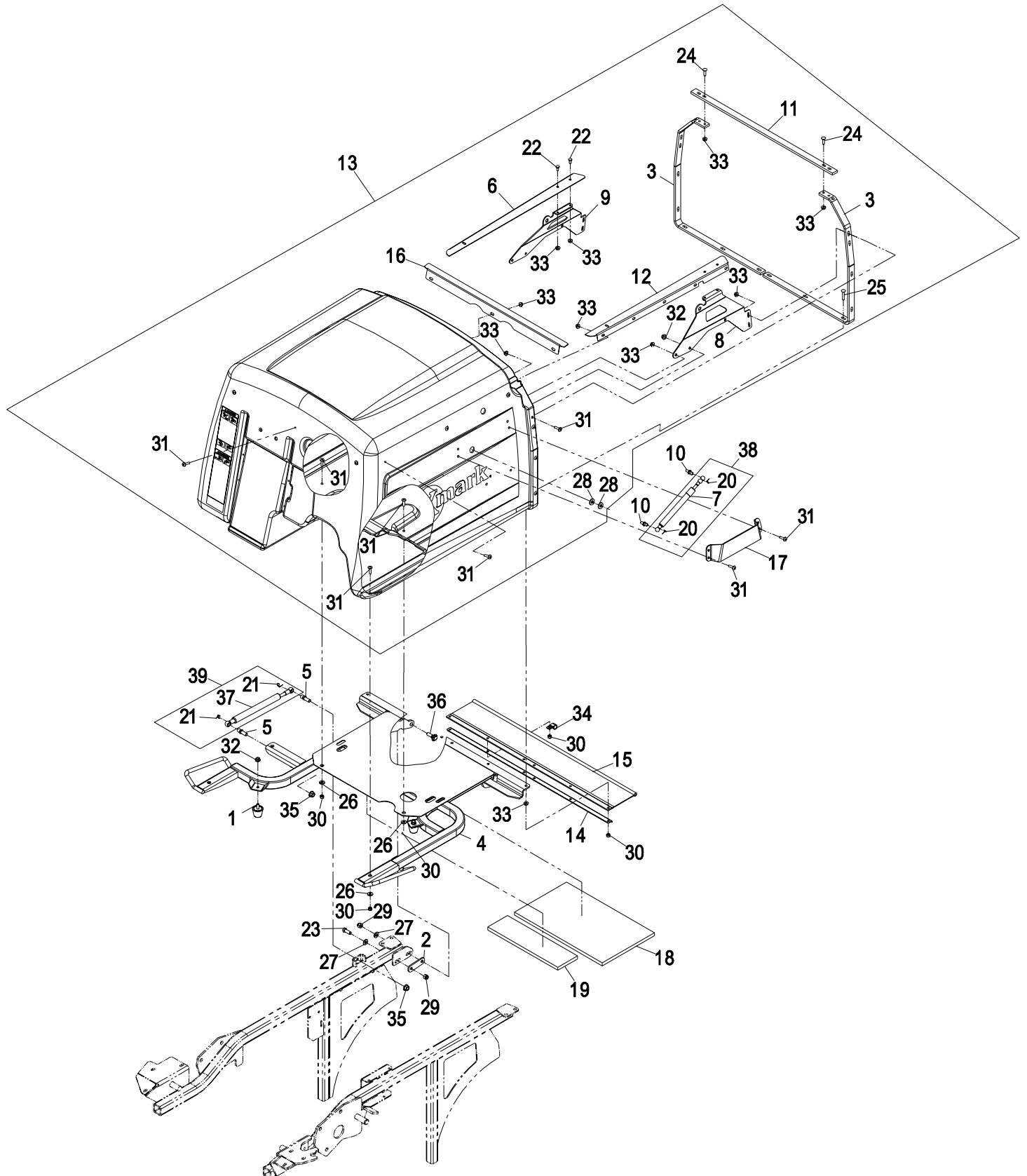
## HOPPER GROUP

| Item | Part No.    | Description                     | Qty. |
|------|-------------|---------------------------------|------|
| 1    | 1-543963    | Bumper, Rubber.....             | 2    |
| 2    | 1-633068    | Spacer .....                    | 2    |
| 3    | 103-5045-03 | Brace, Side .....               | 2    |
| 4    | 103-9458    | Asm, Hopper Frame.....          | 1    |
| 5    | 103-5426    | Stud, Ball 13mm .....           | 2    |
| 6    | 103-5736-03 | Channel, Screen (RH).....       | 1    |
| 7    | 103-5746    | Shock, Gas Tension.....         | 2    |
| 8    | 103-5749-03 | Panel, Hinge (LH) .....         | 1    |
| 9    | 103-5751-03 | Panel, Hinge (RH).....          | 1    |
| 10   | 103-5752    | Stud, Ball 10mm .....           | 4    |
| 11   | 103-5772-03 | Brace, Top .....                | 1    |
| 12   | 103-5774-03 | Channel, Screen (LH) .....      | 1    |
| 13*  | 103-9457    | Asm, Hopper.....                | 1    |
| 14   | 103-6022-03 | Channel, Hopper Frame.....      | 1    |
| 15   | 103-6025    | Shield, Trailing .....          | 1    |
| 16   | 103-7035-03 | Channel, Screen Front.....      | 1    |
| 17   | 103-7086    | Guard, Damper .....             | 2    |
| 18   | 103-7824    | Insulation, Foam Pad Rear ..... | 1    |
| 19   | 103-7825    | Insulation, Foam Pad Front..... | 1    |
| 20   | 103-8324    | Clip, Retainer-10mm.....        | 4    |

| Item | Part No. | Description                         | Qty. |
|------|----------|-------------------------------------|------|
| 21   | 103-8325 | Clip, Retainer-13mm.....            | 2    |
| 22   | 321-2    | Screw, HH 1/4-20 x 1/2.....         | 4    |
| 23   | 323-6    | Screw, HH 3/8-16 x 1.....           | 2    |
| 24   | 3229-2   | Bolt, Carriage 1/4-20 x 1.....      | 4    |
| 25   | 3229-4   | Bolt, Carriage 1/4-50 x 1 1/2 ..... | 6    |
| 26   | 3256-2   | Washer, 1/4 Std.....                | 5    |
| 27   | 3256-24  | Washer, 3/8 SAE.....                | 4    |
| 28   | 3256-3   | Washer, 5/16 Std.....               | 4    |
| 29   | 3296-39  | Nut, Nyloc 3/8-16.....              | 2    |
| 30   | 3296-42  | Nut, Nyloc 1/4-20.....              | 11   |
| 31   | 32105-31 | Screw, Truss HD 1/4-20 x 1.....     | 30   |
| 32   | 32128-20 | Nut, Whizlock 5/16-18 .....         | 4    |
| 33   | 32128-33 | Nut, Whizlock 1/4-20 .....          | 39   |
| 34   | 1-513762 | Clip, Loom 1/2 .....                | 1    |
| 35   | 33005-00 | Nut, Hex M10-1.5 Flg.....           | 2    |
| 36   | 614672   | Screw, Shoulder 3/8-16 x 1.295..... | 2    |
| 37   | 103-5425 | Shock, Gas Compression .....        | 1    |
| 38   | 109-0715 | Kit, Damper W/Clips .....           | 2    |
| 39   | 109-0716 | Kit, Damper W/Clips .....           | 1    |

\* Reference page 20 for remainder of items included in hopper assembly.

# HOPPER GROUP



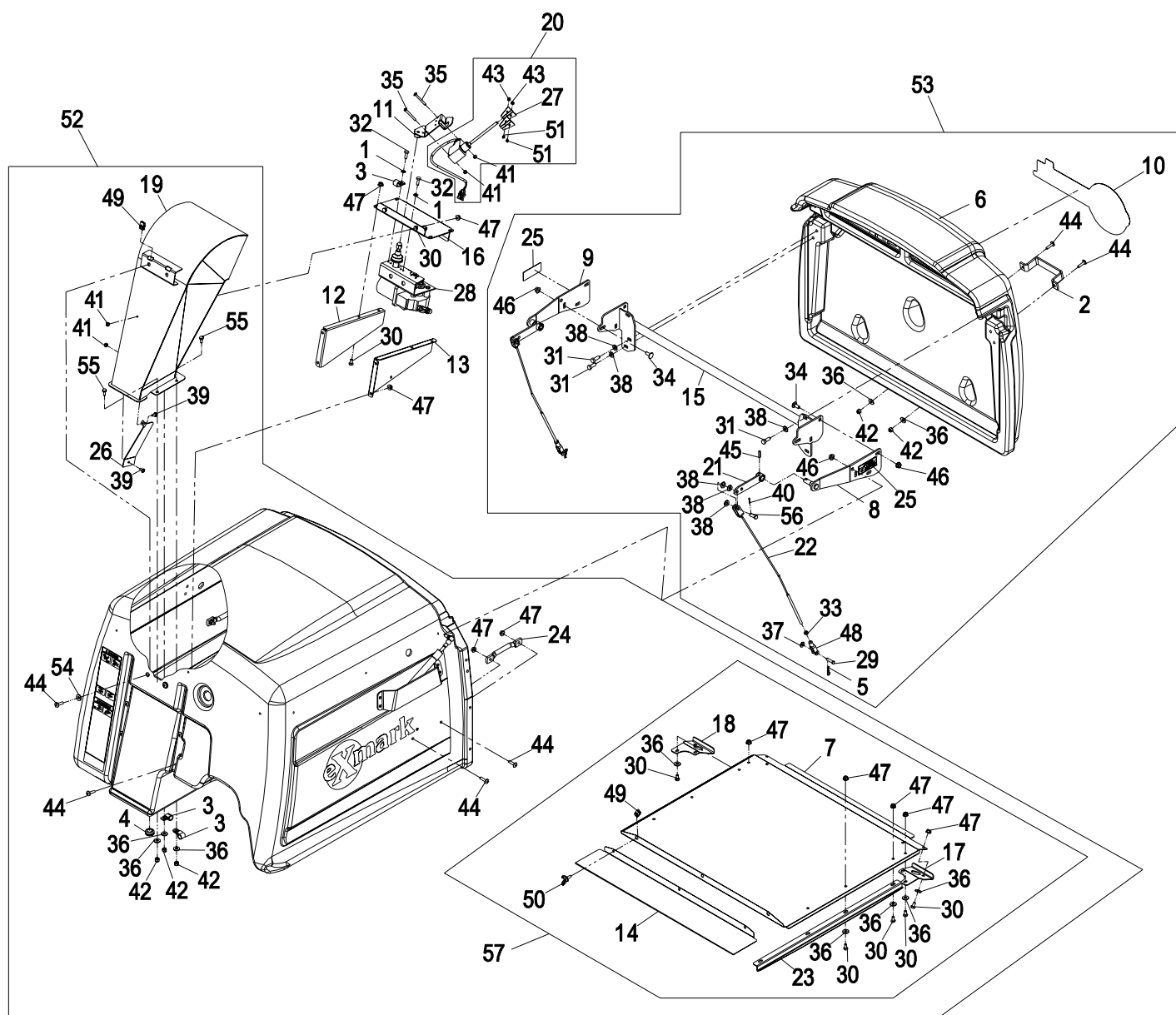
## HOPPER GROUP (cont.)

| Item | Part No.    | Description                      | Qty. |
|------|-------------|----------------------------------|------|
| 1    | 1-303435    | Washer, Spring Disk 1/4 .....    | 3    |
| 2    | 1-353005-03 | Handle, Hopper.....              | 1    |
| 3    | 1-513762    | Clip, Loom 1/2.....              | 4    |
| 4    | 1-543296    | Grommet.....                     | 1    |
| 5    | 1-806003    | Hairpin, Cotter.....             | 2    |
| 6    | 103-5043    | Door, 9.5 Bushel Hopper.....     | 1    |
| 7    | 103-5745-03 | Panel, Hopper Screen.....        | 1    |
| 8    | 103-6004    | Wld, Door Pivot (LH).....        | 1    |
| 9    | 103-6005    | Wld, Door Pivot (RH) .....       | 1    |
| 10   | 103-6024    | Decal, Exmark Logo.....          | 1    |
| 11   | 103-6064-03 | Wld, Switch Mount.....           | 1    |
| 12   | 103-6067-03 | Bracket, Motor (LH).....         | 1    |
| 13   | 103-6068-03 | Bracket, Motor (RH) .....        | 1    |
| 14   | 103-7048-03 | Panel, Screen Extend .....       | 1    |
| 15   | 103-7076-03 | Wld, Door Support .....          | 1    |
| 16   | 103-7085-03 | Plate, Switch.....               | 1    |
| 17   | 103-7098-03 | Handle, Screen (LH) .....        | 1    |
| 18   | 103-7099-03 | Handle, Screen (RH).....         | 1    |
| 19   | 103-8158-03 | Wld, Diffuser .....              | 1    |
| 20   | 103-9466    | Asm, Fill Sensor.....            | 1    |
| 21   | 103-8190    | Wld, Door Arm .....              | 2    |
| 22   | 103-8194    | Asm, Cable .....                 | 2    |
| 23   | 103-8203-03 | Guide, Screen.....               | 2    |
| 24   | 103-8209    | Guide, Cable.....                | 2    |
| 25   | 103-8444    | Decal, Pinch Point .....         | 2    |
| 26   | 103-8680    | Deflector, Discharge Chute ..... | 1    |
| 27   | 103-8789    | Flag, Fill Sensor.....           | 2    |
| 28   | 103-9121    | Motor .....                      | 1    |
| 29   | 283-26      | Pin, Clevis 1/4 x 1 .....        | 2    |

| Item | Part No. | Description                        | Qty. |
|------|----------|------------------------------------|------|
| 30   | 321-2    | Screw, HH 1/4-20 x 1/2.....        | 18   |
| 31   | 322-4    | Screw, HH 5/16-18 x 7/8.....       | 6    |
| 32   | 329-4    | Screw, HH 1/4-28 x 3/4.....        | 3    |
| 33   | 3220-1   | Nut, Jam 1/4-28.....               | 2    |
| 34   | 3230-23  | Bolt, Carriage 5/16-18 x 3/4 ..... | 6    |
| 35   | 3250-48  | Screw, PPH #10-24 x 1 3/4.....     | 2    |
| 36   | 3256-2   | Washer, 1/4 Std.....               | 19   |
| 37   | 3256-22  | Washer, 1/4 SAE.....               | 2    |
| 38   | 3256-23  | Washer, 5/16 SAE .....             | 12   |
| 39   | 32122-30 | Screw, Truss HD #10-24 X 1/2 ..... | 2    |
| 40   | 3272-5   | Pin, Cotter 3/32 x 1/2 .....       | 2    |
| 41   | 3296-2   | Nut, Nyloc #10-24 .....            | 4    |
| 42   | 3296-42  | Nut, Nyloc 1/4-20 .....            | 7    |
| 43   | 3296-9   | Nut, Nyloc #6-32 Thin .....        | 2    |
| 44   | 32105-31 | Screw, Truss HD 1/4-20 x 1.....    | 12   |
| 45   | 32121-6  | Rollpin, 3/16 x 1 1/4 .....        | 2    |
| 46   | 32128-20 | Nut, Whizlock 5/16-18.....         | 8    |
| 47   | 32128-33 | Nut, Whizlock 1/4-20 .....         | 26   |
| 48   | 103509   | Yoke, Door Linkage .....           | 2    |
| 49   | 107069   | Nut, Retainer-Panel 1/4-20 .....   | 5    |
| 50   | 606733   | Screw, Wing 1/4-20 x 3/4.....      | 3    |
| 51   | 9107622  | Screw, PPH #6-32 x 5/8.....        | 2    |
| 52   | 103-9457 | Asm, Hopper.....                   | 1    |
| 53   | 103-9456 | Asm, Door Hopper .....             | 1    |
| 54   | 1-613235 | Washer.....                        | 2    |
| 55   | 321-4    | Screw, HH 1/4-20 x 3/4 .....       | 5    |
| 56   | 1-808280 | Pin,Clevis .....                   | 2    |
| 57   | 109-0717 | Asm, Hopper Screen .....           | 1    |

Reference page 18 for remainder of items included in hopper assembly.

# HOPPER GROUP (cont.)



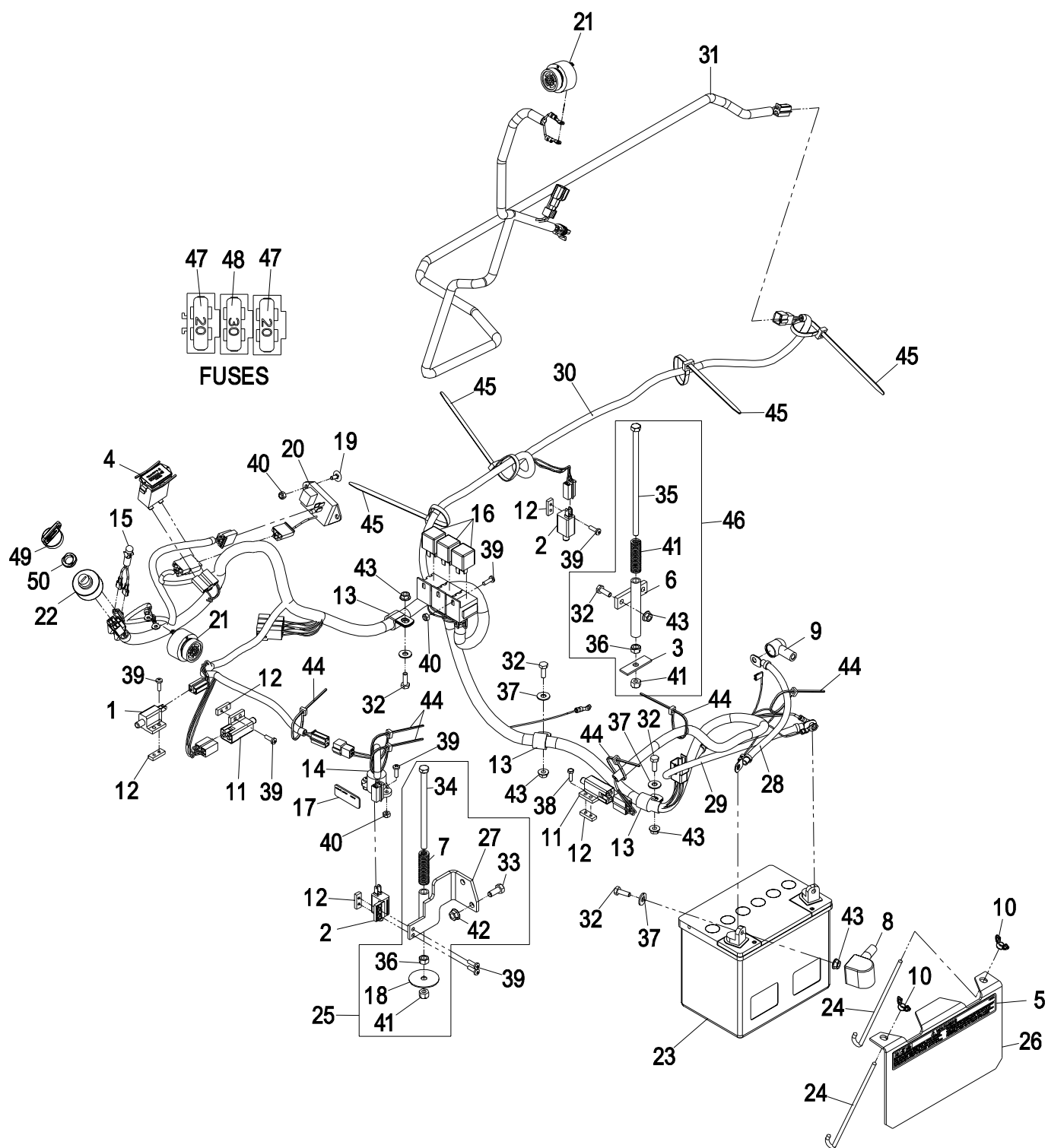
## ELECTRICAL GROUP

| Item | Part No.    | Description                          | Qty. |
|------|-------------|--------------------------------------|------|
| 1    | 1-513051    | Switch, N.O.....                     | 1    |
| 2    | 1-513152    | Switch, N.C. ....                    | 2    |
| 3    | 1-513180    | Plate, Switch .....                  | 1    |
| 4    | 1-513374    | Meter, Hour .....                    | 1    |
| 5    | 1-513747    | Decal, Battery .....                 | 1    |
| 6    | 1-522424-03 | Wld, Mount Seat Spring .....         | 1    |
| 7    | 1-523415    | Spring .....                         | 2    |
| 8    | 1-543391    | Insulator, Battery.....              | 1    |
| 9    | 1-543393    | Insulator, Solenoid .....            | 1    |
| 10   | 1-543792    | Wingnut, Nyloc 1/4-20.....           | 2    |
| 11   | 1-633111    | Switch, N.C. ....                    | 2    |
| 12   | 1-633181    | Plate, Tapped .....                  | 5    |
| 13   | 1-633396    | Clip, Loom 5/8.....                  | 3    |
| 14   | 1-644427    | Switch, Tilt .....                   | 1    |
| 15   | 1-643267    | Indicator, Red Led.....              | 1    |
| 16   | 1-643275    | Relay, 12VDC 40 Amp .....            | 3    |
| 17   | 1-643401    | Decal, Mercury Switch .....          | 1    |
| 18   | 1-653036    | Washer .....                         | 1    |
| 19   | 1-807513    | Bolt, Carriage #10-24 x 1/2 .....    | 2    |
| 20   | 100-6186    | Module, Seat Delay.....              | 1    |
| 21   | 103-0205    | Alarm, Dual Tone 12VDC.....          | 2    |
| 22   | 103-0206    | Switch, Key .....                    | 1    |
| 23   | 103-0293    | Battery, Wet 12VDC .....             | 1    |
| 24   | 103-1312    | Bolt, Hold Down .....                | 2    |
| 25   | 103-3758    | Asm, Seat Switch.....                | 1    |
| 26   | 103-9470    | Asm, Battery Hold Down W/Decal ..... | 1    |

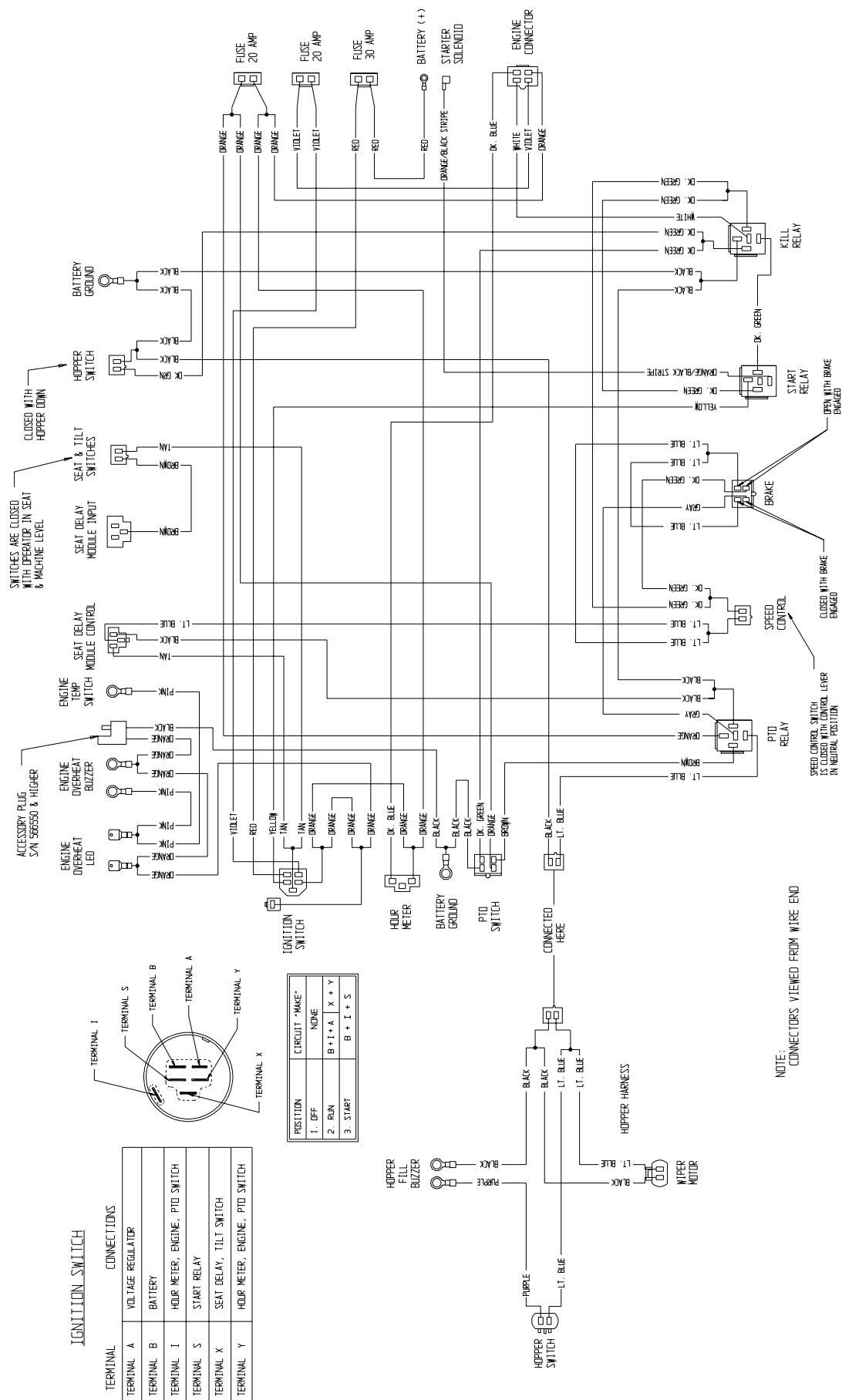
| Item | Part No.    | Description                        | Qty. |
|------|-------------|------------------------------------|------|
| 27   | 103-5514-03 | Wld, Switch Bracket.....           | 1    |
| 28   | 103-8354    | Cable, Battery (+) .....           | 1    |
| 29   | 103-8355    | Cable, Ground (-).....             | 1    |
| 30♦  | 103-8479    | Harness, Wiring.....               | 1    |
| 31♦  | 103-8800    | Harness, Hopper Wire .....         | 1    |
| 32   | 321-4       | Screw, HH 1/4-20 x 3/4.....        | 7    |
| 33   | 322-3       | Screw, HH 5/16-18 x 3/4.....       | 2    |
| 34   | 322-49      | Screw, HH 5/16-18 x 5 1/2.....     | 1    |
| 35   | 322-50      | Screw, HH 5/16-18 x 7 1/2.....     | 1    |
| 36   | 3217-6      | Nut, Hex 5/16-18.....              | 2    |
| 37   | 3256-2      | Washer, 1/4 Std.....               | 5    |
| 38   | 3290-134    | Screw, HH Machine 10-24 x 5/8..... | 2    |
| 39   | 3290-500    | Screw, PPH #10-24 x 5/8.....       | 12   |
| 40   | 3296-2      | Nut, Nyloc #10-24 .....            | 6    |
| 41   | 3296-29     | Nut, Nyloc 5/16-18 .....           | 2    |
| 42   | 32128-20    | Nut, Whizlock 5/16-18 .....        | 2    |
| 43   | 32128-33    | Nut, Whizlock 1/4-20 .....         | 7    |
| 44   | 1-303287    | Tie, Cable 5 1/2 (Small) .....     | 6    |
| 45   | 1-303335    | Tie, Cable 7 15/16 (Large).....    | 4    |
| 46   | 103-8528    | Asm, Hopper Switch Actuator.....   | 1    |
| 47   | 1-816001    | Fuse, 20 Amp .....                 | 2    |
| 48   | 1-816003    | Fuse, 30 Amp .....                 | 1    |
| 49   | 103-2106    | Key, Exmark Logo .....             | 1    |
|      | 1-603511    | Key, Ignition.....                 | 1    |
| 50   | 103-0498    | Nut, Ignition .....                | 1    |

♦ Use dielectric grease on all wiring harness connectors.

# ELECTRICAL GROUP



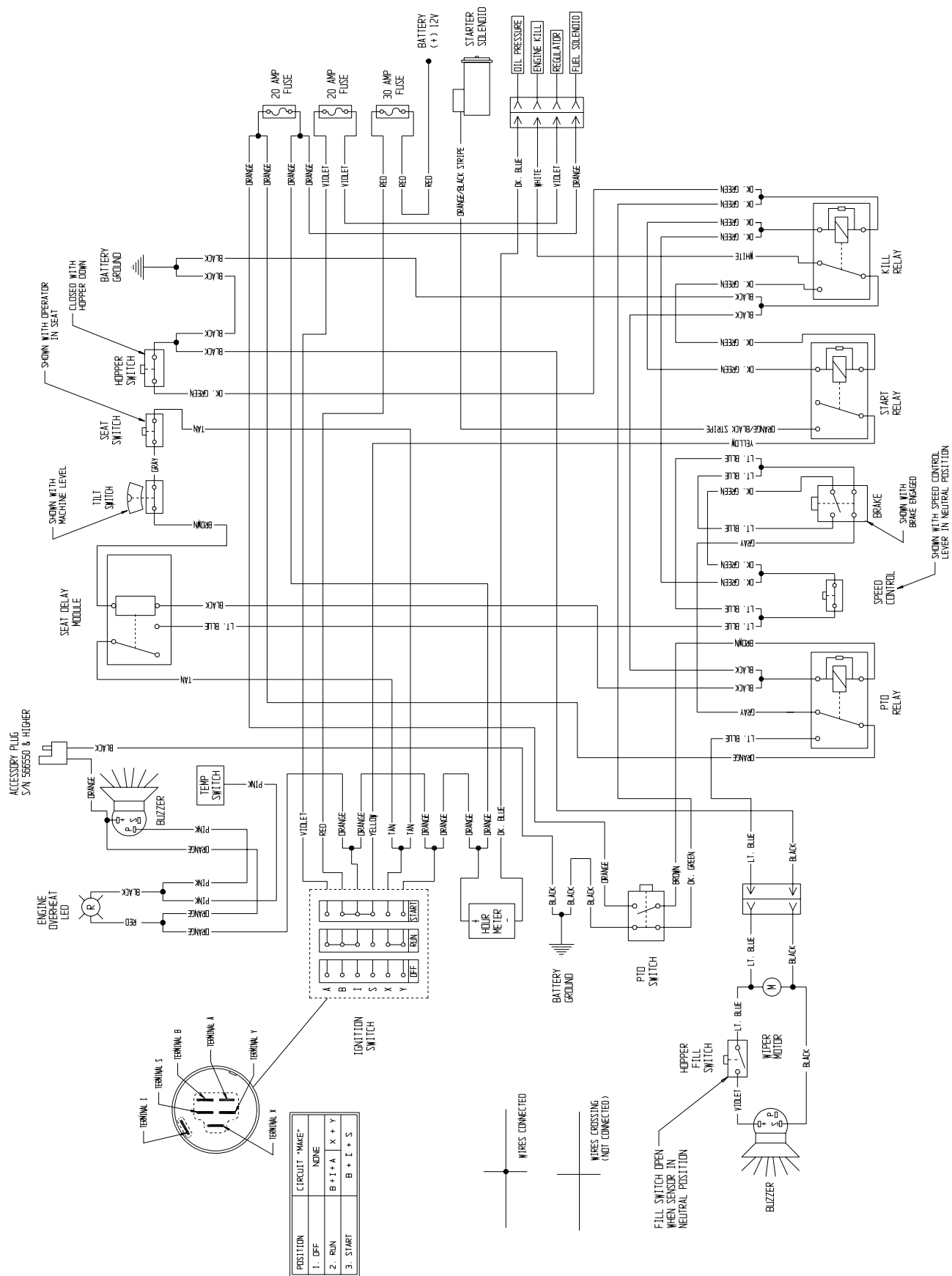
## ELECTRICAL DIAGRAM



NOTE:  
CONNECTORS VIEWED FROM WIRE END



ELECTRICAL LOGIC SCHEMATIC



## DECALS GROUP



| Item | Part No. | Description                     | Qty. |
|------|----------|---------------------------------|------|
| 1    | 103-8416 | Decal, Wheel Motor/Mercury..... | 1    |
| 2    | 79-0360  | Decal, Danger.....              | 1    |
| 3    | 103-9274 | Decal, Belt Routing .....       | 1    |
| 4    | 98-5954  | Decal, Missing Cover .....      | 2    |
| 5    | 103-8611 | Decal, Relay .....              | 1    |
| 6    | 1-643401 | Decal, Mercury Switch .....     | 1    |
| 7    | 1-523552 | Decal, Hydraulic Tank.....      | 1    |
| 8    | 98-4361  | Decal, Warning.....             | 2    |
| 9    | 1-513747 | Decal, Battery .....            | 1    |
| 10   | 65-2690  | Decal, Hot Surface.....         | 2    |

| Item | Part No. | Description                         | Qty. |
|------|----------|-------------------------------------|------|
| 11   | 103-8425 | Decal, Driveline .....              | 1    |
| 12   | 103-8444 | Decal, Pinch Point .....            | 2    |
| 13   | 103-8495 | Decal, pinch Point.....             | 2    |
| 14   | 103-6024 | Decal, Exmark Logo .....            | 1    |
| 15   | 103-9034 | Decal, Clutch Adjustment .....      | 1    |
| 16   | 103-9032 | Decal, Service Aid Navigator .....  | 1    |
| 17   | 103-8812 | Decal, Instrument Panel .....       | 1    |
| 18   | 103-8451 | Decal, Ignition/Speed Control ..... | 1    |
|      | 103-9502 | Kit, Decal                          |      |

## SERVICE RECORD

[illegible]

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