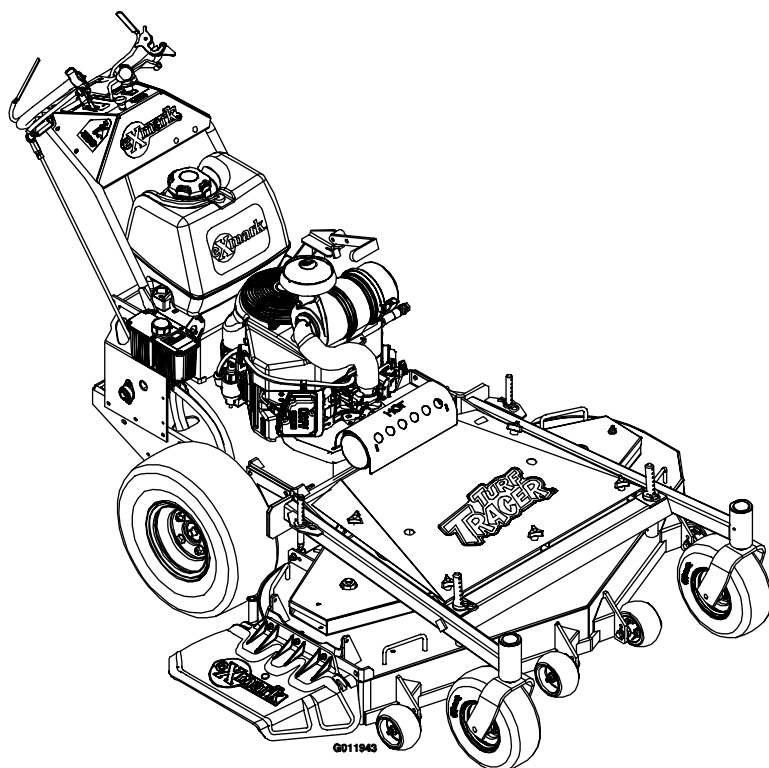




**FMD524/604**

**For Serial Nos.  
850,000 & Higher**  
Part No. 4500-675 Rev. A

# Parts Manual

**EXMARK PARTS PLUS**

***PARTS***

**OVERNIGHT**  
**OR *FREE*\***

If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark Dealer for details.)



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

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## 52" DECK GROUP FMD524

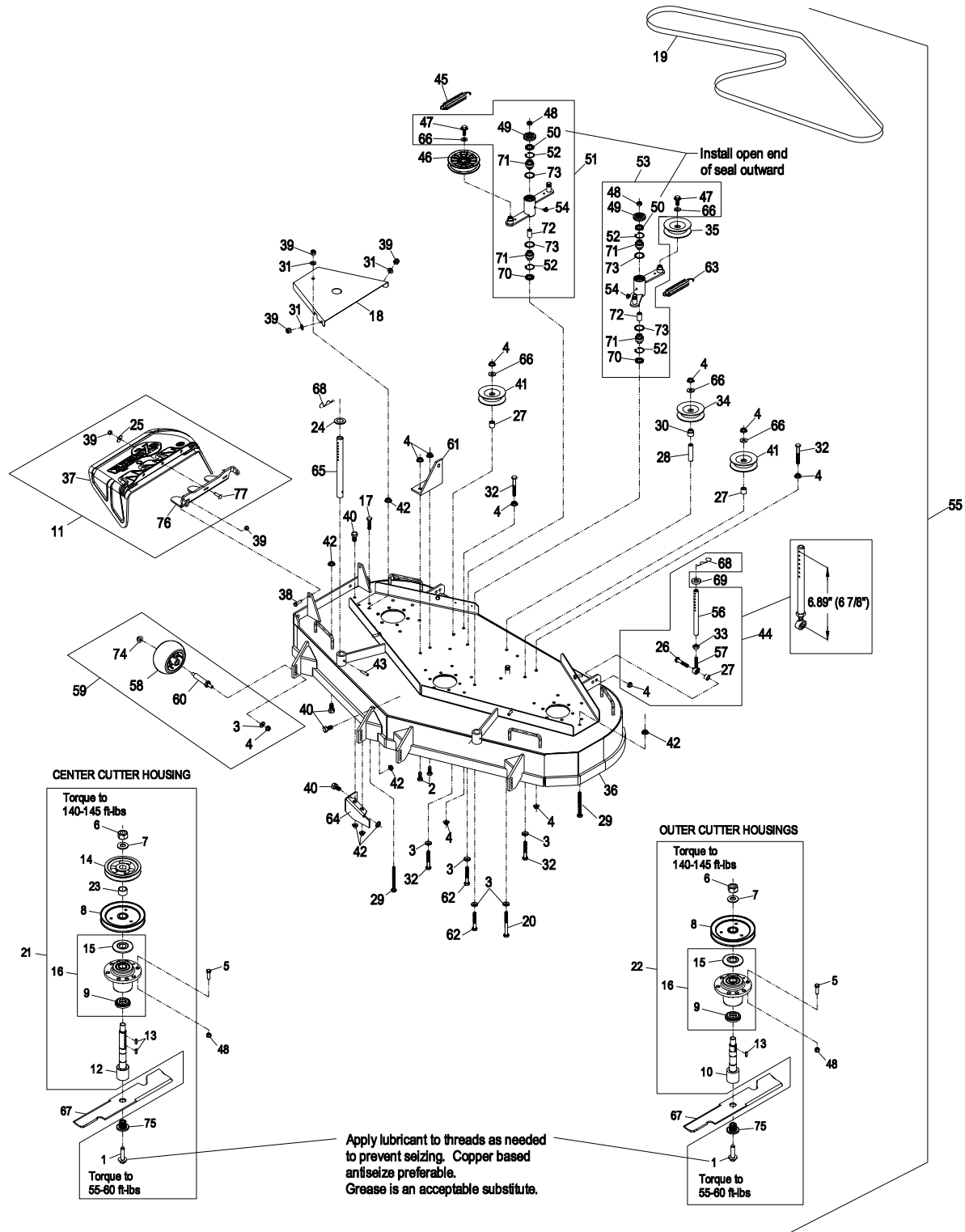
| Item | Part No.    | Description                            | Qty. |
|------|-------------|----------------------------------------|------|
| 1    | 109-5958    | Screw, Hex Flange 1/2-20.....          | 3    |
| 2    | 323-6       | Screw, HH 3/8-16 x 1.....              | 2    |
| 3    | 98-5975     | Washer, Spring Disc 3/8.....           | 9    |
| 4    | 3290-357    | Nut, Whizlock 3/8-16.....              | 15   |
| 5    | 323-7       | Screw, HH 3/8-16 x 1 1/4.....          | 18   |
| 6    | 3217-46     | Nut, Hex 3/4-16 Heavy.....             | 3    |
| 7    | 103-2802    | Washer, Spring Disc 3/4.....           | 3    |
| 8+   | 103-2794    | Sheave, Blade Drive.....               | 3    |
| 9    | 103-2535    | Spacer, Guard Bottom.....              | 3    |
| 10+  | 103-9086    | Kit, Outer Blade Spindle (Short).....  | 2    |
| 11   | 109-4722    | Asm, Discharge Chute.....              | 1    |
| 12+  | 103-9087    | Kit, Center Blade Spindle (Long).....  | 1    |
| 13   | 103-2982    | Key, Machine 1/4 x 3/16 x 3/4.....     | 4    |
| 14+  | 103-2793    | Sheave, Mower Drive.....               | 1    |
| 15+  | 103-1330    | Guard, Bearing Top.....                | 3    |
| 16+  | 103-8280    | Housing W/Bearings.....                | 3    |
| 17   | 322-3       | Screw, HH 5/16-18 x 3/4.....           | 1    |
| 18   | 103-2969-01 | Cover, Deck.....                       | 2    |
| 19   | 103-2329    | Belt, Blade Drive.....                 | 1    |
| 20   | 323-23      | Screw, HH 3/8-16 x 4-1/2.....          | 1    |
| 21   | 103-9084    | Housing, Cutter Complete (Center)..... | 1    |
| 22   | 103-9076    | Housing, Cutter Complete (Outer).....  | 2    |
| 23   | 103-3209    | Spacer, Tube.....                      | 1    |
| 24   | 1-413425    | Spacer.....                            | 2    |
| 25   | 3256-82     | Washer.....                            | 3    |
| 26   | 323-9       | Screw, HH 3/8-16 x 1 3/4.....          | 2    |
| 27   | 1-603050    | Spacer.....                            | 4    |
| 28   | 1-633988    | Spacer.....                            | 1    |
| 29   | 1-800017    | Bolt, HH 5/16-18 x 3 1/4 Tap.....      | 2    |
| 30   | 1-513791    | Bushing.....                           | 1    |
| 31   | 3256-3      | Washer, 5/16 Std.....                  | 6    |
| 32   | 323-12      | Screw, HH 3/8-16 x 2 1/2.....          | 4    |
| 33   | 3220-3      | Nut, Hex Jam 3/8-24.....               | 2    |
| 34   | 1-603805    | Idler.....                             | 1    |
| 35   | 1-613098    | Idler.....                             | 1    |
| 36   | 109-4652    | Deck, (116-3587-01) W/ Decals.....     | 1    |
| 37   | 109-2738    | Chute, Discharge.....                  | 1    |
| 38   | 322-5       | Screw, HH 5/16-18 x 1.....             | 2    |
| 39   | 3296-29     | Nut, Nyloc 5/16-18.....                | 8    |
| 40   | 322-2       | Screw, HH 5/16-18 x 5/8.....           | 5    |
| 41   | 1-303516    | Pulley, V-Idler.....                   | 2    |

| Item | Part No.    | Description                        | Qty. |
|------|-------------|------------------------------------|------|
| 42   | 32128-20    | Nut, Whizlock 5/16-18.....         | 8    |
| 43   | 1-806332    | Rollpin 1/4 x 1 1/2.....           | 2    |
| 44*  | 1-411532    | Kit, Support Link W/Pin.....       | 2    |
| 45   | 1-603413    | Spring, Extension.....             | 1    |
| 46   | 109-4077    | Pulley, Idler.....                 | 1    |
| 47   | 3234-11     | Screw, HH FLG 3/8-16 x 1.....      | 2    |
| 48   | 3296-39     | Nut, Nyloc 3/8-16.....             | 20   |
| 49   | 103-2916    | Guard, Top.....                    | 2    |
| 50   | 103-3506    | Seal, Single Lip.....              | 2    |
| 51■  | 103-8072    | Kit, Idler Arm W/Bearings.....     | 1    |
| 52   | 32120-10    | Ring, Retaining.....               | 4    |
| 53■  | 103-8071    | Kit, Idler Arm W/Bearings.....     | 1    |
| 54   | 302-40      | Zerk, 90° 1/4-28.....              | 2    |
| 55   | 103-2327    | Asm, Complete Deck.....            | 1    |
| 56   | 1-413525    | Link, Rear Deck Support.....       | 2    |
| 57   | 1-613204    | Balljoint.....                     | 2    |
| 58   | 1-603299    | Roller, Anti Scalp.....            | 4    |
| 59   | 103-4051    | Kit, Anti Scalp.....               | 4    |
| 60   | 99-2842     | Axle, Anti-Scalp Roller.....       | 4    |
| 61   | 1-603620-01 | Bracket, Spring Anchor.....        | 1    |
| 62   | 98-5961     | Screw, HH 3/8-16 x 4 Gr8.....      | 2    |
| 63   | 1-603414    | Spring, Extension.....             | 1    |
| 64   | 116-2072-01 | Baffle.....                        | 1    |
| 65   | 1-603001    | Rod, Deck Support.....             | 2    |
| 66   | 3256-24     | Washer, 3/8 SAE.....               | 5    |
| 67   | 103-6402    | Blade, Notched.....                | 3    |
|      | 103-6382    | Blade, Solid.....                  | 3    |
|      | 103-6387    | Blade, Low Lift.....               | 3    |
| ▲    | 103-6392    | Blade, Mulching.....               | 3    |
|      | 103-6397    | Blade, Extreme.....                | 3    |
| 68   | 1-806009    | Hairpin, Cotter #206.....          | 4    |
| 69   | 1-323539    | Spacer, Blade Drive.....           | 2    |
| 70   | 103-3505    | Seal, Double, Lip.....             | 2    |
| 71   | 103-3504    | Bearing, Spherical.....            | 4    |
| 72   | 1-413088    | Spacer.....                        | 2    |
| 73   | 106-7159    | O-Ring.....                        | 4    |
| 74   | 109-6658    | Nut, Nyloc 3/8-16 Flg.....         | 4    |
| 75   | 103-3037    | Bushing, Splined.....              | 3    |
| 76   | 109-4573-01 | Bracket, Discharge Chute.....      | 1    |
| 77   | 3230-22     | Bolt, Carriage 5/16-18 x 1 Sp..... | 3    |
|      | 103-5828    | Kit, Decal.....                    |      |

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

- ✚ Apply Mobil HTS grease (P/N 103-5217 1.5 oz packet) (or a food-grade anti-seize) between the spindles & bearings and spindles & sheaves and under top bearing guard. DO NOT use a copper or nickel based anti-seize.
- \* Link assembly nominal length is 6.89" (or approx. 6 7/8") between center of ball joint & center of furthest hole. See diagram on next page. Initially adjust both links to this dimension, then adjust to where both links are equally supporting rear of mower deck by lengthening one link and shortening the other by an equal amount.
- ▲ Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK526.
- Idler arm assembly also includes items #3 & #62.

# 52" DECK GROUP FMD 524



## 60" DECK GROUP FMD604

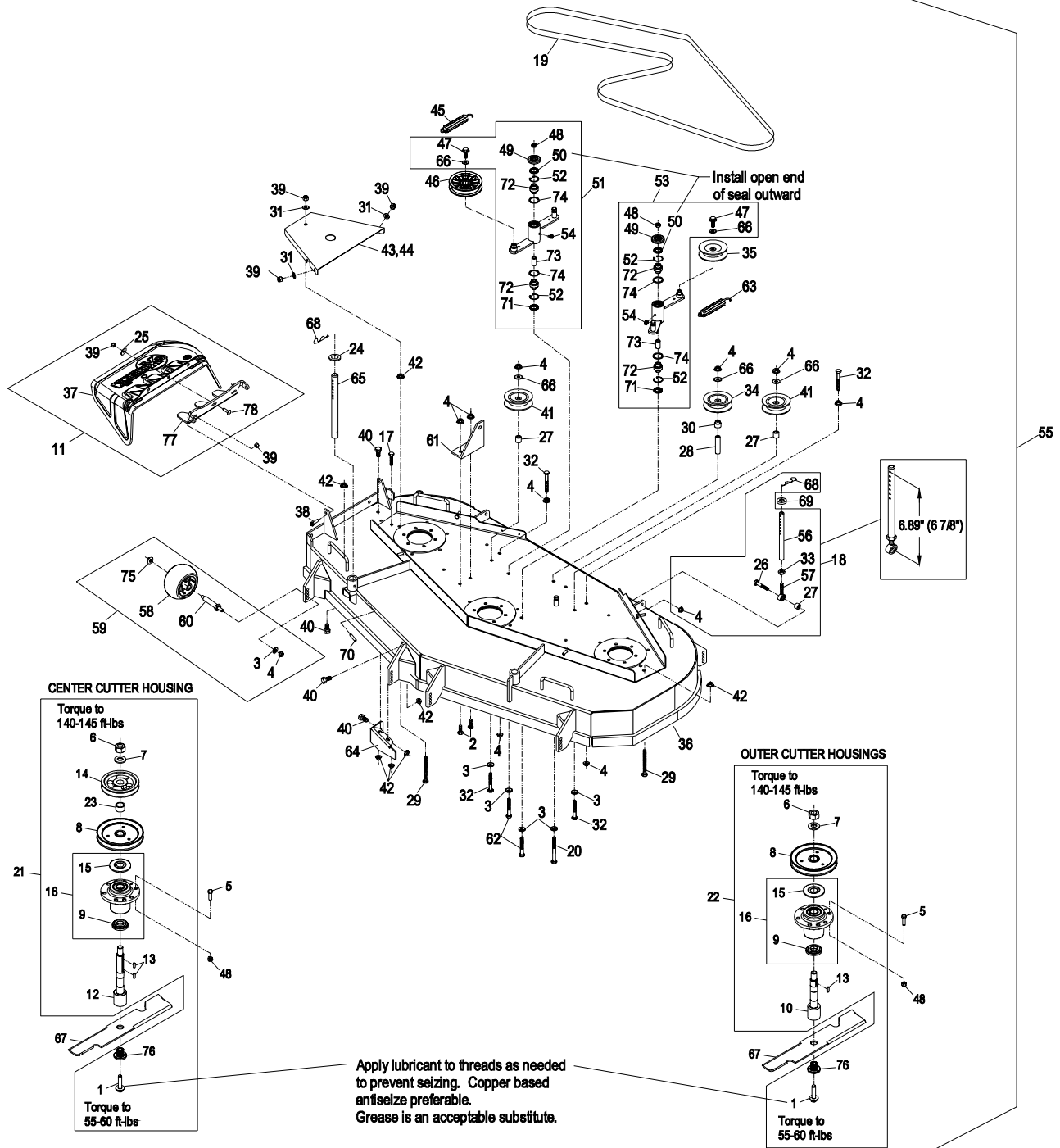
| Item | Part No. | Description                            | Qty. |
|------|----------|----------------------------------------|------|
| 1    | 109-5958 | Screw, Hex Flange 1/2-20.....          | 3    |
| 2    | 323-6    | Screw, HH 3/8-16 x 1.....              | 2    |
| 3    | 98-5975  | Washer, Spring Disc 3/8.....           | 10   |
| 4    | 3290-357 | Nut, Whizlock 3/8-16.....              | 16   |
| 5    | 323-8    | Screw, HH 3/8-16 x 1 1/2.....          | 18   |
| 6    | 3217-46  | Nut, Hex 3/4-16 Heavy.....             | 3    |
| 7    | 103-2802 | Washer, Spring Disc 3/4.....           | 3    |
| 8+   | 103-2794 | Sheave, Blade Drive.....               | 3    |
| 9    | 103-2535 | Spacer, Guard Bottom.....              | 3    |
| 10+  | 103-9086 | Kit, Outer Blade Spindle (Short).....  | 2    |
| 11   | 109-4722 | Asm, Discharge Chute.....              | 1    |
| 12+  | 103-9087 | Kit, Center Blade Spindle (Long).....  | 1    |
| 13   | 103-2982 | Key, Machine 1/4 x 3/16 x 3/4.....     | 4    |
| 14+  | 103-2791 | Sheave, Mower Drive.....               | 1    |
| 15+  | 103-1330 | Guard, Bearing Top.....                | 3    |
| 16+  | 103-8280 | Housing W/Bearings.....                | 3    |
| 17   | 322-3    | Screw, HH 5/16-18 x 3/4.....           | 1    |
| 18*  | 1-411532 | Kit, Support Link W/Pin.....           | 2    |
| 19   | 1-633173 | Belt, Blade Drive.....                 | 1    |
| 20   | 323-23   | Screw, HH 3/8-16 x 4-1/2.....          | 1    |
| 21   | 103-9083 | Housing, Cutter Complete (Center)..... | 1    |
| 22   | 103-9076 | Housing, Cutter Complete (Outer).....  | 2    |
| 23   | 103-3209 | Spacer, Tube.....                      | 1    |
| 24   | 1-413425 | Spacer.....                            | 2    |
| 25   | 3256-82  | Washer.....                            | 3    |
| 26   | 323-9    | Screw, HH 3/8-16 x 1 3/4.....          | 2    |
| 27   | 1-603050 | Spacer.....                            | 4    |
| 28   | 1-633988 | Spacer.....                            | 1    |
| 29   | 1-800017 | Bolt, HH 5/16-18 x 3 1/4 Tap.....      | 2    |
| 30   | 1-513791 | Bushing.....                           | 1    |
| 31   | 3256-3   | Washer, 5/16 Std.....                  | 6    |
| 32   | 323-12   | Screw, HH 3/8-16 x 2 1/2.....          | 4    |
| 33   | 3220-3   | Nut, Hex Jam 3/8-24.....               | 2    |
| 34   | 1-603805 | Idler.....                             | 1    |
| 35   | 1-613098 | Idler.....                             | 1    |
| 36   | 109-4653 | Deck, (116-3586-01) W/ Decals.....     | 1    |
| 37   | 109-2738 | Chute, Discharge.....                  | 1    |
| 38   | 322-5    | Screw, HH 5/16-18 x 1.....             | 2    |
| 39   | 3296-29  | Nut, Nyloc 5/16-18.....                | 8    |
| 40   | 322-2    | Screw, HH 5/16-18 x 5/8.....           | 5    |
| 41   | 1-303516 | Pulley, V-Idler.....                   | 2    |
| 42   | 32128-20 | Nut, Whizlock 5/16-18.....             | 8    |

| Item | Part No.    | Description                        | Qty. |
|------|-------------|------------------------------------|------|
| 43   | 103-2967-01 | Shield, Belt RH.....               | 1    |
| 44   | 103-2968-01 | Shield, Belt LH.....               | 1    |
| 45   | 1-603413    | Spring, Extension.....             | 1    |
| 46   | 109-4077    | Pulley, Idler.....                 | 1    |
| 47   | 3234-11     | Screw, HH FLG 3/8-16 x 1.....      | 2    |
| 48   | 3296-39     | Nut, Nyloc 3/8-16.....             | 20   |
| 49   | 103-2916    | Guard, Top.....                    | 2    |
| 50   | 103-3506    | Seal, Single Lip.....              | 2    |
| 51■  | 103-8072    | Kit, Idler Arm W/Bearings.....     | 1    |
| 52   | 32120-10    | Ring, Retaining.....               | 4    |
| 53■  | 103-8071    | Kit, Idler Arm W/Bearings.....     | 1    |
| 54   | 302-40      | Zerk, 90° 1/4-28.....              | 2    |
| 55   | 103-2279    | Complete Deck Assy.....            | 1    |
| 56   | 1-413525    | Link, Rear Deck Support.....       | 2    |
| 57   | 1-613204    | Balljoint.....                     | 2    |
| 58   | 1-603299    | Roller, Anti Scalp.....            | 5    |
| 59   | 103-4051    | Kit, Anti Scalp.....               | 5    |
| 60   | 99-2842     | Axle, Anti-Scalp Roller.....       | 5    |
| 61   | 1-603620-01 | Bracket, Spring Anchor.....        | 1    |
| 62   | 98-5961     | Screw, HH 3/8-16 x 4 Gr8.....      | 2    |
| 63   | 1-603414    | Spring, Extension.....             | 1    |
| 64   | 116-2072-01 | Baffle.....                        | 1    |
| 65   | 1-603001    | Rod, Deck Support.....             | 2    |
| 66   | 3256-24     | Washer, 3/8 SAE.....               | 5    |
| 67   | 103-6403    | Blade, Notched.....                | 3    |
|      | 103-6383    | Blade, Solid.....                  | 3    |
|      | 103-6388    | Blade, Low Lift.....               | 3    |
| ▲    | 103-6393    | Blade, Mulching.....               | 3    |
|      | 103-6398    | Blade, Extreme.....                | 3    |
| 68   | 1-806009    | Hairpin, Cotter #206.....          | 4    |
| 69   | 1-323539    | Spacer, Blade Drive.....           | 2    |
| 70   | 1-806332    | Rollpin 1/4 x 1 1/2.....           | 2    |
| 71   | 103-3505    | Seal, Double, Lip.....             | 2    |
| 72   | 103-3504    | Bearing, Spherical.....            | 4    |
| 73   | 1-413088    | Spacer.....                        | 2    |
| 74   | 106-7159    | O-Ring.....                        | 4    |
| 75   | 109-6658    | Nut, Nyloc 3/8-16 Flg.....         | 5    |
| 76   | 103-3037    | Bushing, Splined.....              | 3    |
| 77   | 109-4573-01 | Bracket, Discharge Chute.....      | 1    |
| 78   | 3230-22     | Bolt, Carriage 5/16-18 x 1 Sp..... | 3    |
|      | 103-5828    | Kit, Decal.....                    |      |

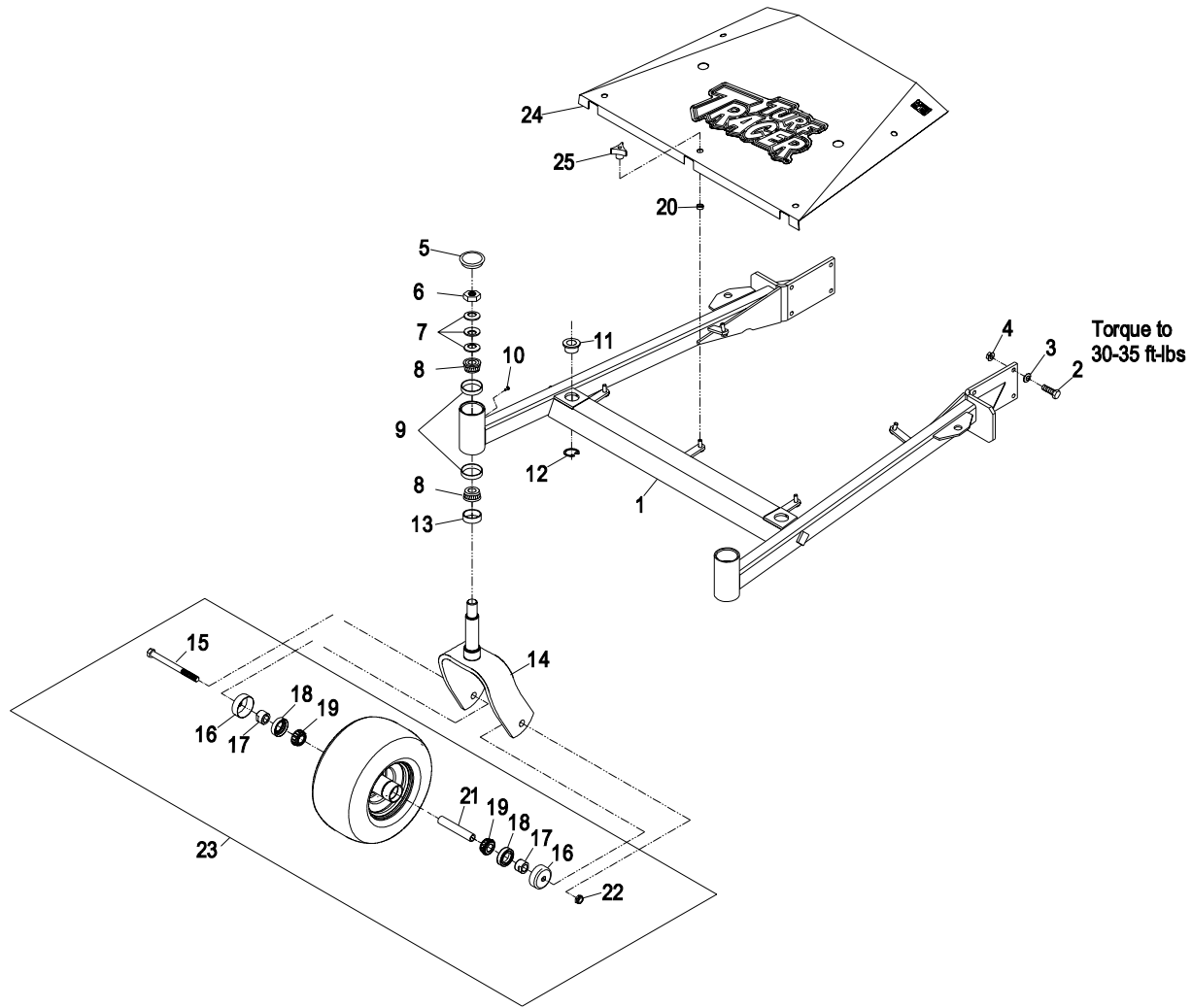
Exmark red touch up paint (spray paint - P/N 1-850337 - .6 oz liquid bottle - P/N 103-9140).

- ✚ Apply Mobil HTS grease (P/N 103-5217 1.5 oz packet) (or a food-grade anti-seize) between the spindles & bearings and spindles & sheaves and under top bearing guard. DO NOT use a copper or nickel based anti-seize.
- \* Link assembly nominal length is 6.89" (or approx. 6 7/8") between center of ball joint & center of furthest hole. See diagram on next page. Initially adjust both links to this dimension, then adjust to where both links are equally supporting rear of mower deck by lengthening one link and shortening the other by an equal amount.
- ▲ Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK606.
- Idler arm assembly also includes items #3 & #62.

# 60" DECK GROUP FMD604



## 52" and 60" DECK SUPPORT GROUP FMD524 and FMD604



| Item | Part No.    | Description                       | Qty. |
|------|-------------|-----------------------------------|------|
| 1▲   | 103-1895    | Support, Deck (103-4959-01) (52") | 1    |
| ▲    | 103-1896    | Support, Deck (103-4960-01) (60") | 1    |
| 2    | 323-7       | Screw, HH 3/8-16 x 1 1/4          | 8    |
| 3    | 98-5975     | Washer, Spring Disc 3/8           | 8    |
| 4    | 3290-357    | Nut, Whizlock 3/8-16              | 8    |
| 5    | 103-4882    | Cap, Grease                       | 2    |
| 6    | 3296-51     | Nut, Nyloc 3/4-10                 | 2    |
| 7    | 1-633508    | Washer, Spring Disc               | 6    |
| 8    | 1-543509    | Cone, Bearing Tapered Roller      | 4    |
| 9    | 1-543508    | Cup, Bearing Tapered Roller       | 4    |
| 10   | 1-811010    | Plug                              | 2    |
| 11   | 1-513336    | Bushing, Deck Support             | 2    |
| 12   | 32120-33    | Ring, Retaining                   | 2    |
| 13   | 1-543511    | Seal, Grease                      | 2    |
| 14   | 103-1891-01 | Fork, Caster                      | 2    |

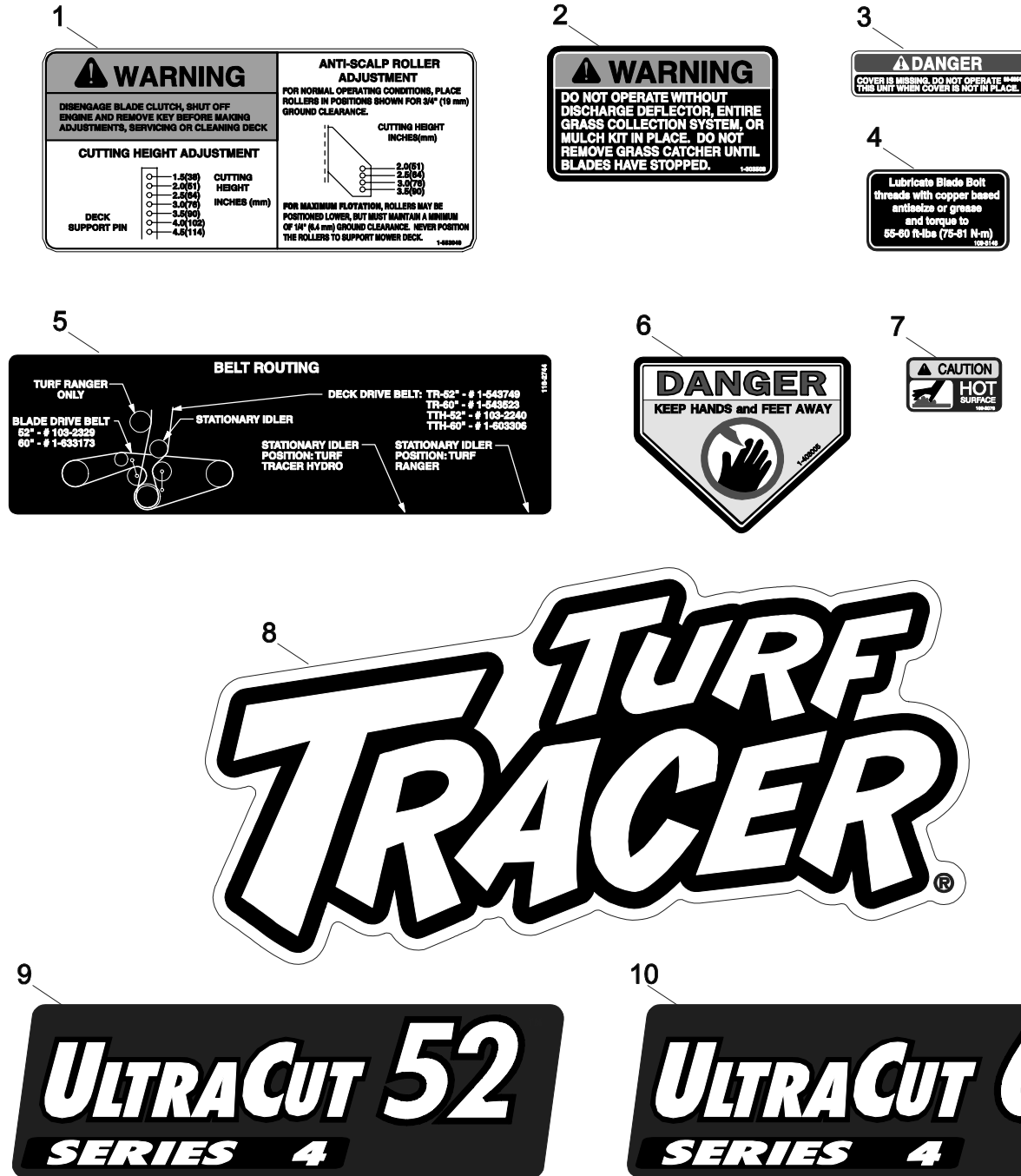
| Item | Part No. | Description                  | Qty. |
|------|----------|------------------------------|------|
| 15   | 325-20   | Screw, HH 1/2-13 x 6         | 2    |
| 16   | 103-2768 | Guard, Seal                  | 4    |
| 17+  | 103-3051 | Spacer, Nut                  | 4    |
| 18   | 103-0063 | Seal, Double Lip             | 4    |
| 19   | 1-633585 | Bearing, Cone Tapered Roller | 4    |
| 20   | 1-323417 | Washer, Belt Shield          | 5    |
| 21   | 103-3157 | Axle, Caster                 | 2    |
| 22   | 3296-45  | Nut, Nyloc 1/2-13 Thin       | 2    |
| 23   | 109-3524 | Asm, Wheel & Tire With Axle  | 2    |
| 24   | 116-2708 | Shield, Belt (103-2319-01)   |      |
|      |          | W/Decal (52")                | 1    |
|      | 116-2709 | Shield, Belt (103-2273-01)   |      |
|      |          | W/Decal (60")                | 1    |
| 25   | 1-323385 | Knob, 3 Prong                | 5    |

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

✚ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on spacer nut, Item #17.

▲ Includes frame weldment plus items #5, #9, #10, #11, #12 and #13.

## DECALS



| Item | Part No. | Description                    | Qty. |
|------|----------|--------------------------------|------|
| 1    | 1-553049 | Decal, Anti Scalp .....        | 1    |
| 2    | 1-303508 | Decal, Warning Discharge ..... | 1    |
| 3    | 98-5954  | Decal, Cover Missing .....     | 3    |
| 4    | 109-3148 | Decal, Bolt Torque .....       | 1    |
| 5    | 116-2744 | Decal, Belt Routing .....      | 1    |
| 6    | 1-403005 | Decal, Danger .....            | 2    |

| Item | Part No. | Description                       | Qty. |
|------|----------|-----------------------------------|------|
| 7    | 103-2076 | Decal, Hot Surface .....          | 1    |
| 8    | 103-3013 | Decal, Turf Tracer .....          | 1    |
| 9    | 116-0034 | Decal, UltraCut 52 Series 4 ..... | 1    |
| 10   | 116-0025 | Decal, UltraCut 60 Series 4 ..... | 1    |
|      | 103-5828 | Kit, Decal.....                   | 1    |

## NOTES

## SERVICE RECORD

[illegible]

## SEE EXMARK'S COMPLETE LINE OF ACCESSORIES AND OPTIONS

### MID-MOUNT RIDING ACCESSORIES AND OPTIONS

#### CUSTOM RIDE SEAT SUSPENSION SYSTEM

FULL SUSPENSION SEAT

DECK LIFT ASSIST KIT

HITCH KIT

LIGHT KIT

12V POWER PORT

MICRO-MULCH SYSTEM

#### OPERATOR CONTROLLED DISCHARGE

ROLL OVER PROTECTION SYSTEM (ROPS)

SUN SHADE

TRASH CONTAINER

TURF STRIPER

ULTRA VAC COLLECTION SYSTEM

ULTRA VAC QUICK DISPOSAL SYSTEM

### OUT-FRONT RIDING ACCESSORIES AND OPTIONS

#### CUSTOM RIDE SEAT SUSPENSION SYSTEM

DUAL-TAIL WHEEL

FLOOR PAN EXTENDER

HITCH KIT

LIGHT KIT

MICRO-MULCH SYSTEM

ROLL OVER PROTECTION SYSTEM (ROPS)

SNOW BLADE

SNOWBLOWER

SUN SHADE

TRASH CONTAINER

ULTRA VAC COLLECTION SYSTEM

ULTRA VAC QUICK DISPOSAL SYSTEM

WEATHER CAB

### WALK-BEHIND ACCESSORIES AND OPTIONS

GRASS CATCHER

MICRO-MULCH SYSTEM

TURF STRIPER

STANDON

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

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

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

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

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Fax (402) 223-5489  
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