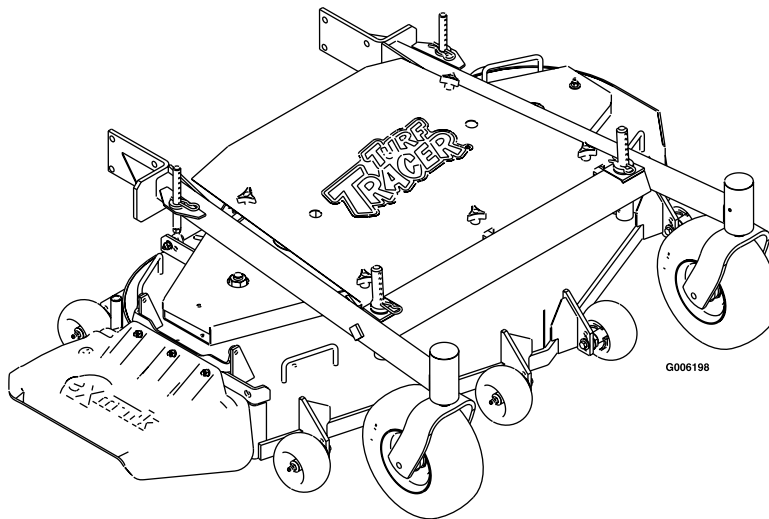




For Serial Nos.
720,000 & Higher

PARTS MANUAL



FMD524/FMD604

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

Model No. _____

Serial No. _____

Date Purchased _____

The Serial No. plate is located on the top of the deck in front of the right spindle. For ease of ordering and reference, we suggest that you record the information requested.

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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52" DECK GROUP FMD524

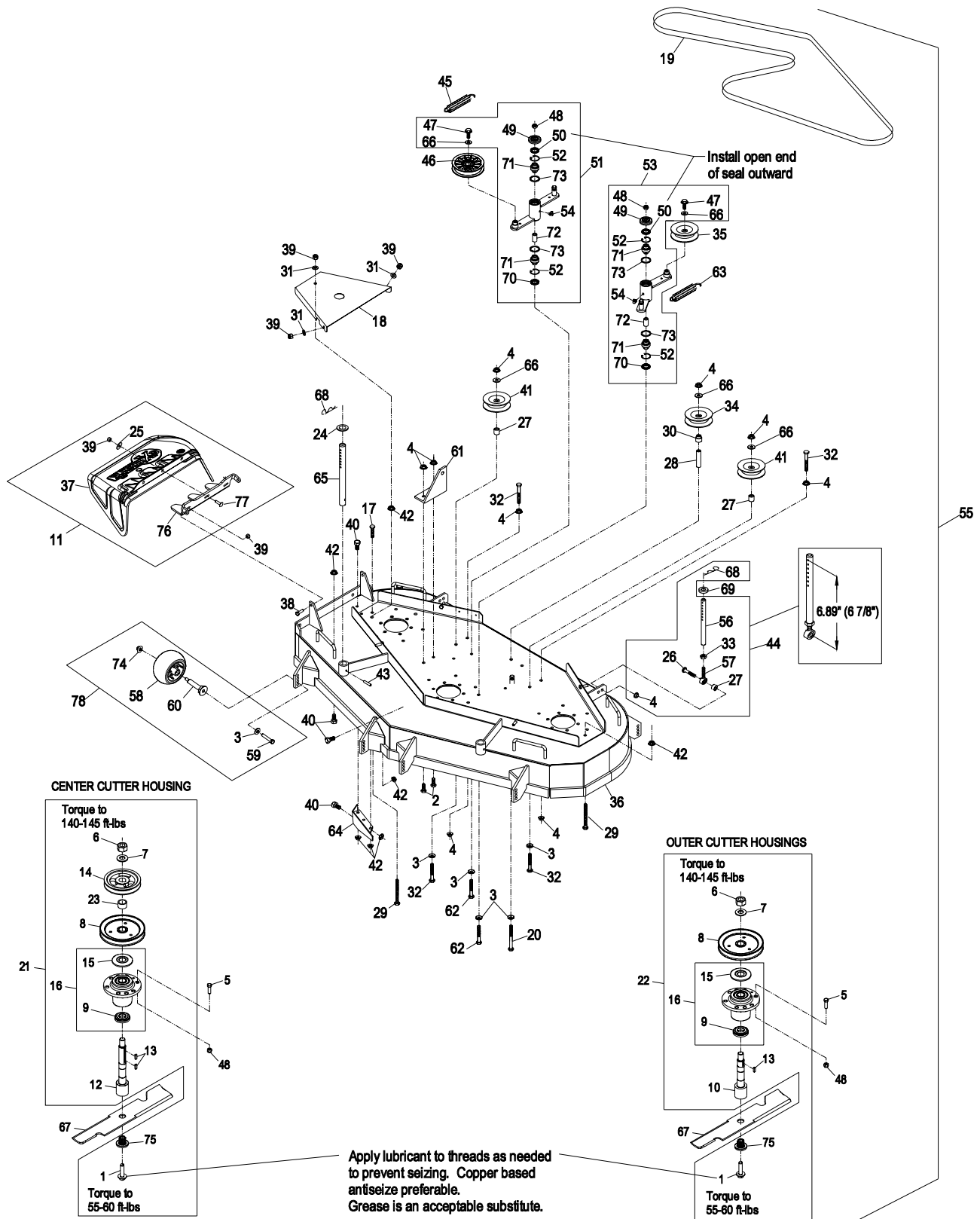
Item	Part No.	Description	Qty.
1	109-5958	Screw, Hex Flange 1/2-20.....	3
2	323-6	Screw, HH 3/8-16 x 1.....	2
3	98-5975	Washer, Spring Disk 3/8.....	11
4	3290-357	Nut, Whizlock 3/8-16.....	10
5	323-7	Screw, HH 3/8-16 x 1 1/4.....	18
6	3217-46	Nut, Hex 3/4-16 Heavy.....	3
7	103-2802	Washer, Spring Disk 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, (109-4633-01) 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	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.....	6
59	3211-46	Screw, HH 3/8-24 x 2 Gr8.....	6
60	103-5364	Axle, Anti-Scalp Roller.....	6
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	1-602913-01	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.....	6
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
78	103-7263	Kit, Anti Scalp.....	6
	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 MK524Q.
- Idler arm assembly also includes items #3 & #62.

52" DECK GROUP FMD 524



60" DECK GROUP FMD604

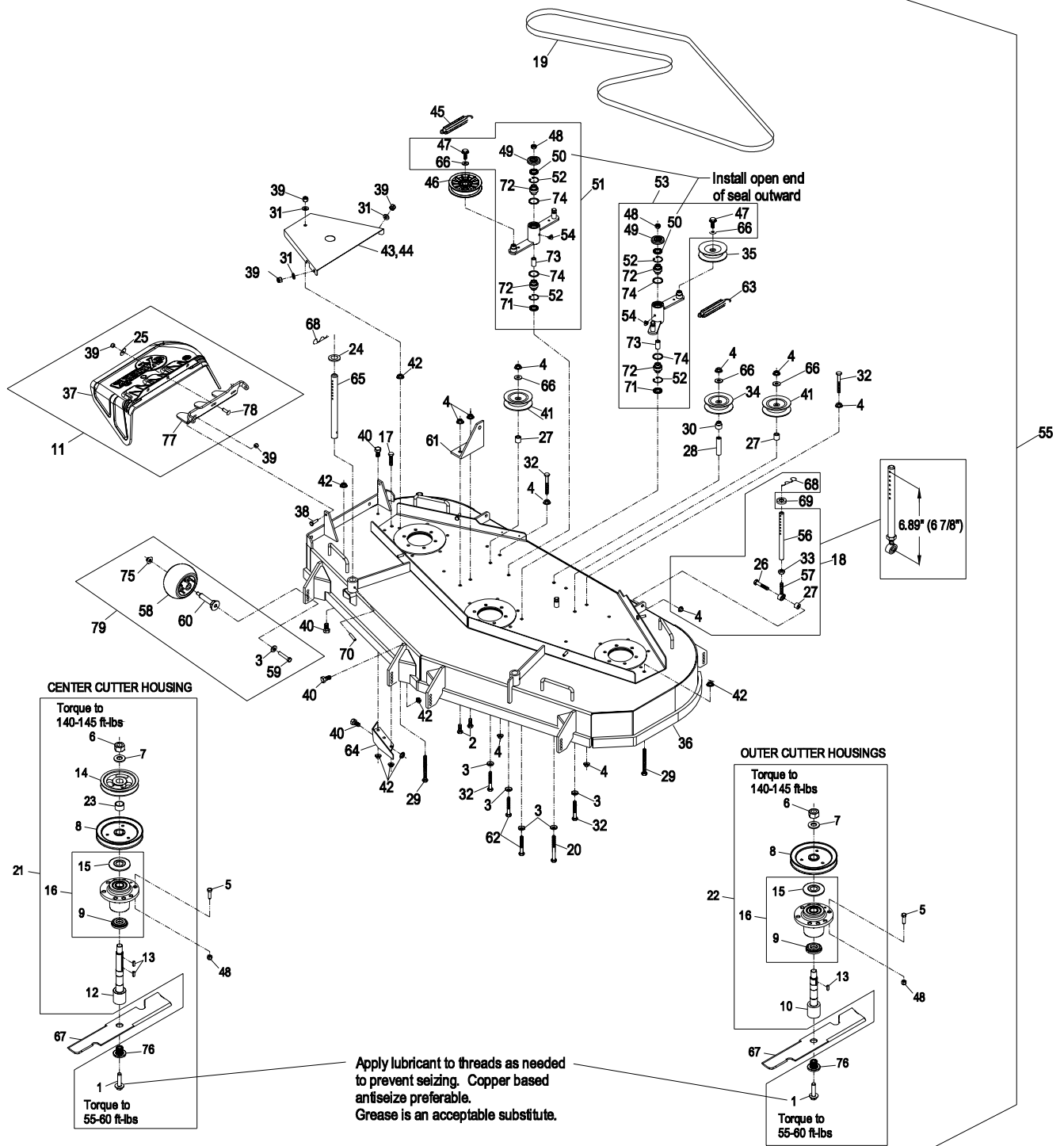
Item	Part No.	Description	Qty.
1	109-5958	Screw, Hex Flange 1/2-20.....	3
2	323-6	Screw, HH 3/8-16 x 1.....	2
3	98-5975	Washer, Spring Disk 3/8.....	11
4	3290-357	Nut, Whizlock 3/8-16.....	10
5	323-8	Screw, HH 3/8-16 x 1 1/2.....	18
6	3217-46	Nut, Hex 3/4-16 Heavy.....	3
7	103-2802	Washer, Spring Disk 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, (109-4635-01) 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.....	6
59	3211-46	Screw, HH 3/8-24 x 2 Gr8.....	6
60	103-5364	Axle, Anti-Scalp Roller.....	6
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	1-602913-01	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.....	6
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
79	103-7263	Kit, Anti Scalp.....	6
	103-5828	Kit, Decal.....	

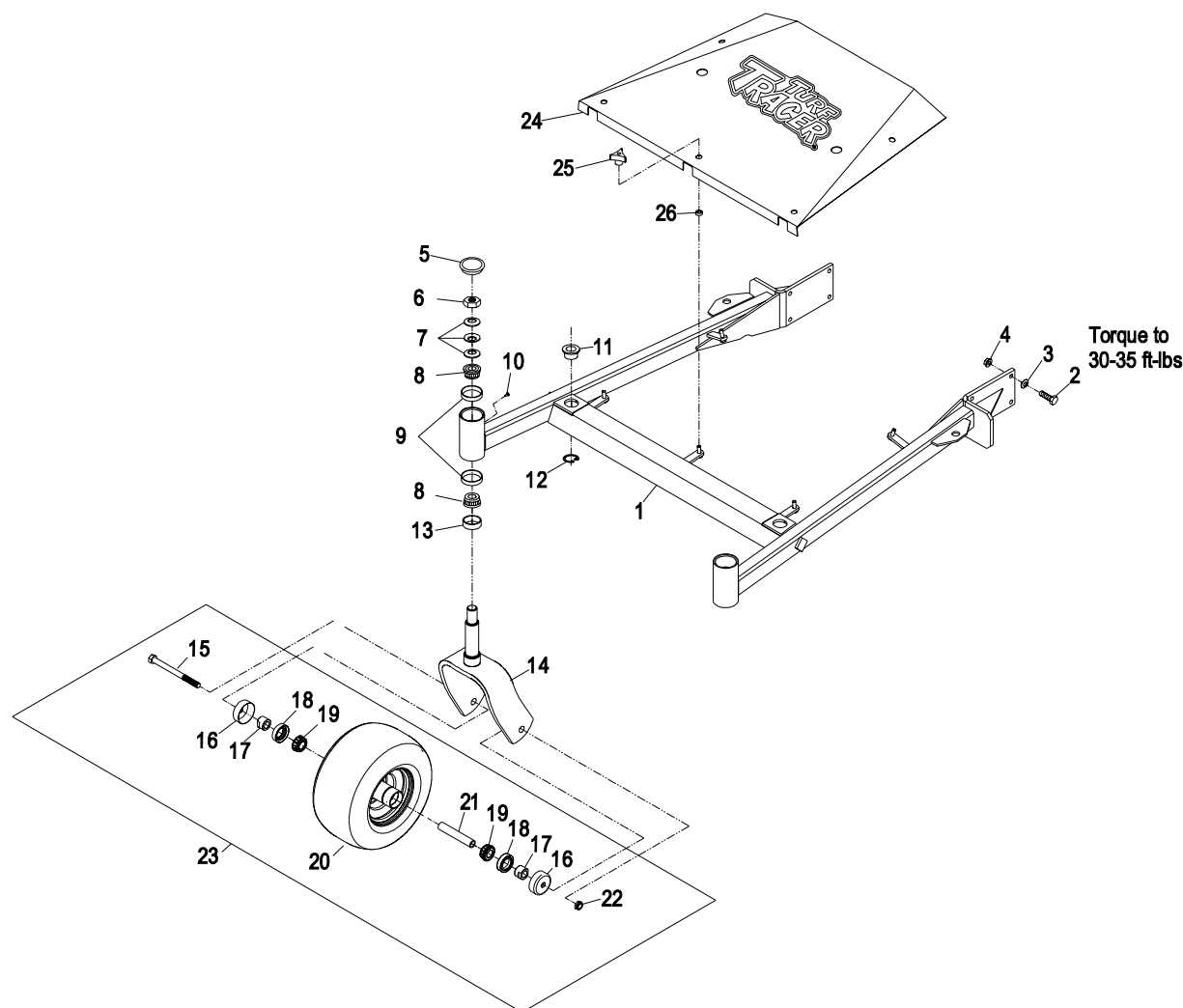
Exmark red touch up paint (spray paint - P/N 1-850337 - .6 oz liquid bottle - P/N 103-9140).

- ✚ 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-sieze.
- * 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 th other by an equal amount.
- ▲ Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK604Q.
- 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 Disk 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 Disk	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	103-2332	Shield, Belt (103-2319-01)	
		W/Decal (52")	1
	103-2275	Shield, Belt (103-2273-01)	
		W/Decal (60")	1
25	1-323385	Knob, 3 Prong	5
26	1-323417	Washer, Belt Shield	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.

NOTES

NOTES

SERVICE RECORD

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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

**Check Us Out On The Web:
www.exmark.com**

