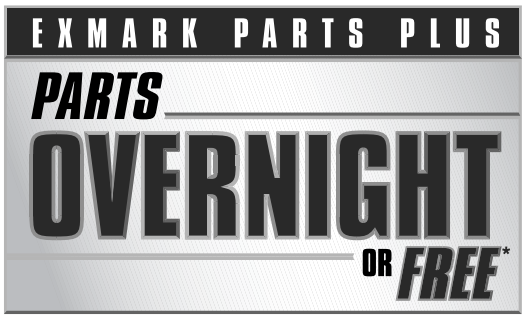
eXmark®



FR524/FR604/ FR724

Parts Manual

For Serial Nos.
720,000 & Higher
Part No. 4500-231 Rev. A



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.)

⚠ WARNING

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

TABLE OF CONTENTS

Description	Page
Decal Group	9
Deck Group	4-5
Front Frame Group	6-7
Gearbox Components	8

FR524, FR604, FR724 DECK GROUP

Item	Part No.	Description	Qty.
1	1-303334	Washer, Spring Disc 5/16	1
2	323-20	Screw, HH 3/8-16 x 3-1/4	2
3	1-322110	Wld, Belt Guide	1
4	1-323385	Knob, 3 Prong	4
5	1-373034	Washer	2
6	98-5975	Washer, Spring Disc 3/8	3
7	32120-10	Ring, Retaining	2
8	1-602913 -01	Wld, Baffle Discharge	1
9	1-603805	Sheave, Idler	1
10	109-2796	Sheave, Flat Idler	2
11	1-633366	Belt, Blade Drive (52”)	1
	1-633127	Belt, Blade Drive (60”)	1
	1-643052	Belt, Blade Drive (72”)	1
12	109-2985	Strip, Seal, 2”	2
13	103-3900	Spacer, Strut	4
14	1-633456	Bushing, Idler	2
15	103-2916	Guard, Top	1
16	103-3330	Spring, Extension	1
17	103-3504	Bearing, Spherical	2
18	98-5961	Screw, HH 3/8-16 x 4 Gr8	1
19	103-3505	Seal, Double Lip	1
20	103-3506	Seal, Single Lip	1
21	103-5677	Spacer	1
22✖	103-5693	Asm, Deck Idler	1
23	63-8410	Washer	4
24	105-7699	Strip-Seal, 3"	2
25	106-7159	O-Ring	2
27	302-40	Zerk, 90° 1/4-28	1
28	322-2	Screw, HH 5/16-18 x 5/8	5
29	322-6	Screw, HH 5/16-18 x 1 1/4	1
30	323-12	Screw, HH 3/8-16 x 2 1/2	3

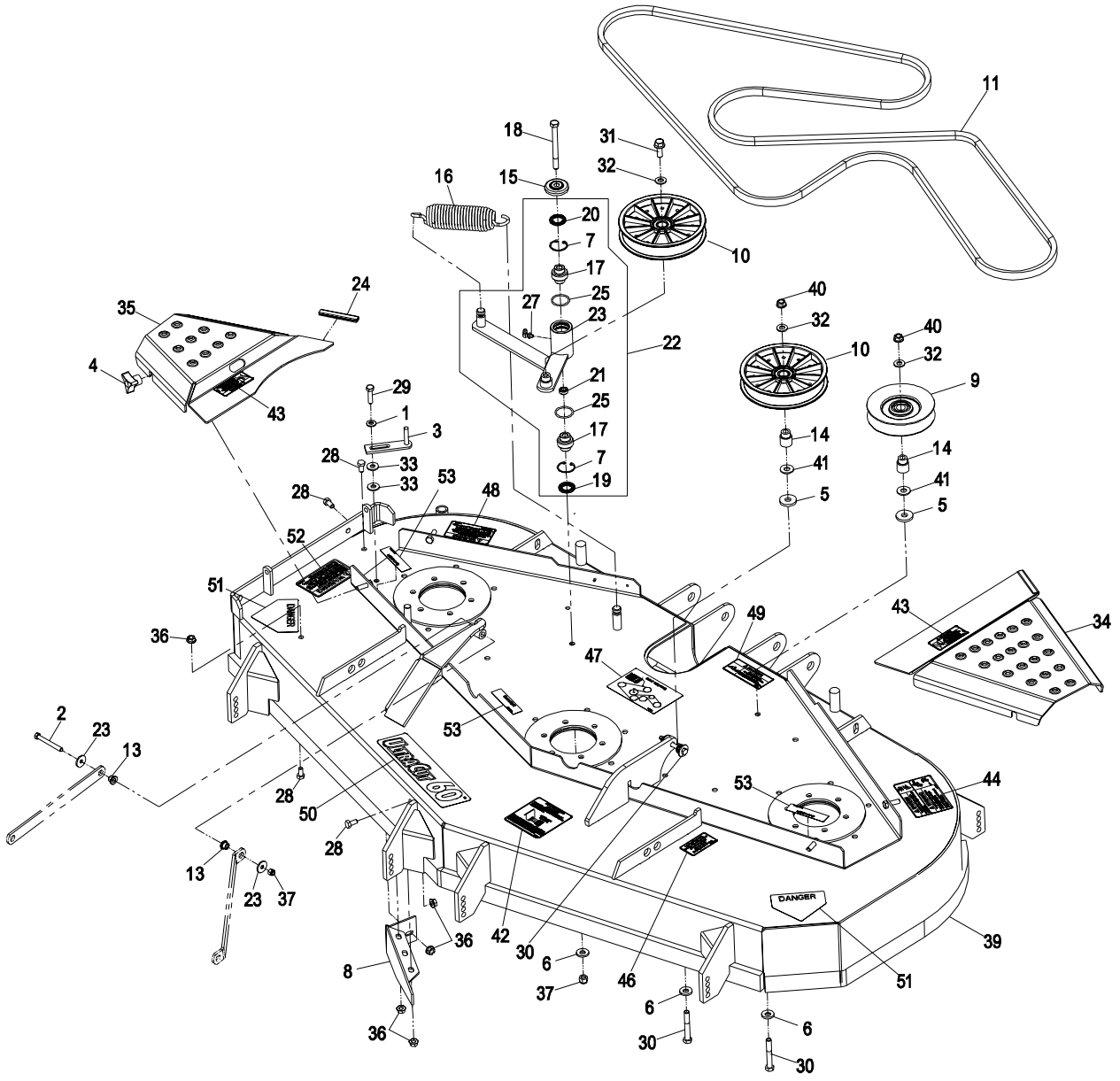
Item	Part No.	Description	Qty.
31	3234-11	Screw, HH FLG 3/8-16 x 1	1
32	3256-24	Washer, 3/8 SAE	3
33	3256-3	Washer, 5/16 Std	2
34	109-2392	Shield, Belt LH (60”)	1
	109-5405	Shield, Belt LH (72”)	1
35	109-2391	Shield, Belt RH (60”)	1
	109-5404	Shield, Belt RH (72”)	1
36	32128-20	Nut, Whizlock 5/16-18	6
37	3296-39	Nut, Nyloc 3/8-16	3
38	109-2393	Shield, Belt (52””)	2
39	109-4383	Asm, Deck W/Decals (52”)	1
	109-5393	Asm, Deck W/Decals (60”)	1
	109-5406	Asm, Deck W/ Decals (72”)	1
40	3290-357	Nut, Whizlock 3/8-16	2
41	3256-4	Washer, 3/8 Std	2
42	1-633922	Decal, Anti-Scalp	1
43	109-2354	Decal, Crushing Hazard	2
44	109-2359	Decal, Deck Warning	1
46	109-3148	Decal, Bolt Torque	1
47	1-643222	Decal, Belt Routing	1
48	109-2376	Decal, Crushing Hazard	1
49	103-8425	Decal, Driveline	1
50	103-1145	Decal, Ultracut (52”)	1
	103-1146	Decal, Ultracut (60”)	1
	103-1147	Decal, Ultracut (72”)	1
51	1-403005	Danger, Decal	2
52	1-303508	Decal, Discharge Warning	1
53	98-5954	Decal-Danger	3
54◆	109-4382	Asm, Deck Complete (52”)	1
	109-4380	Asm, Deck Complete (60”)	1
	109-5419	Asm, Deck Complete (72”)	1

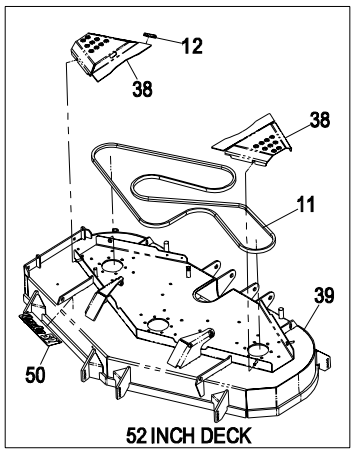
Exmark red touch up paint (spray paint - P/N 1-850337 - .6 oz liquid bottle - P/N 103-9140).

✖ Kit also includes items #2. & #37

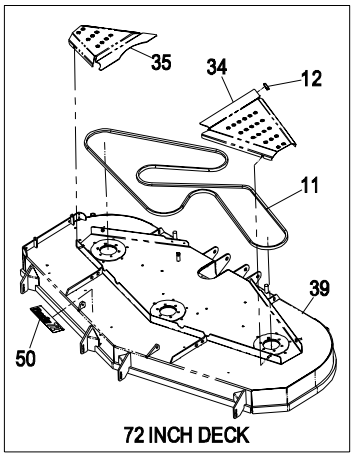
◆ Complete deck assembly includes all items from pages 4 & 6 except drive shaft assembly, drive shaft assembly hardware, deck chain, and deck chain hardware on page 5.

FR524, FR604, FR724 DECK GROUP



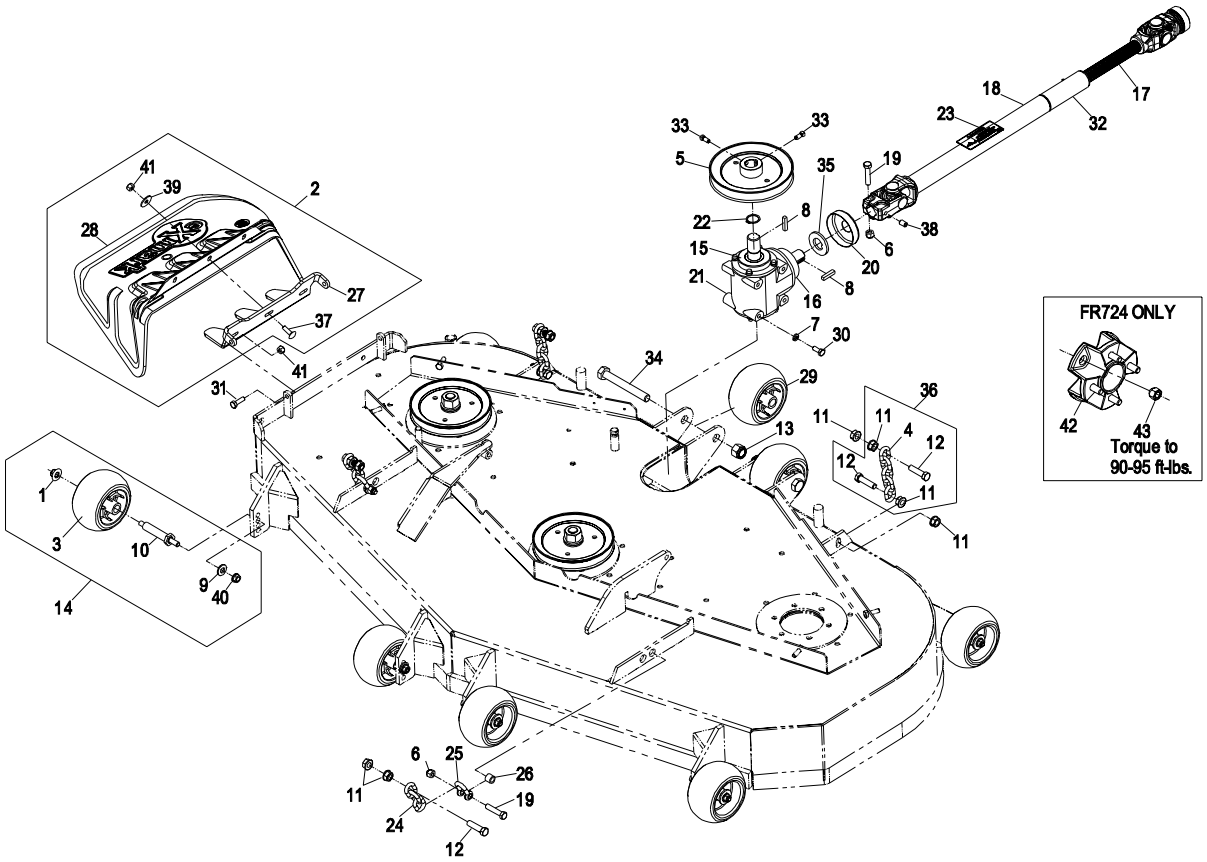


52 INCH DECK



72 INCH DECK

FR524, FR604, FR724 DECK GROUPS (cont.)



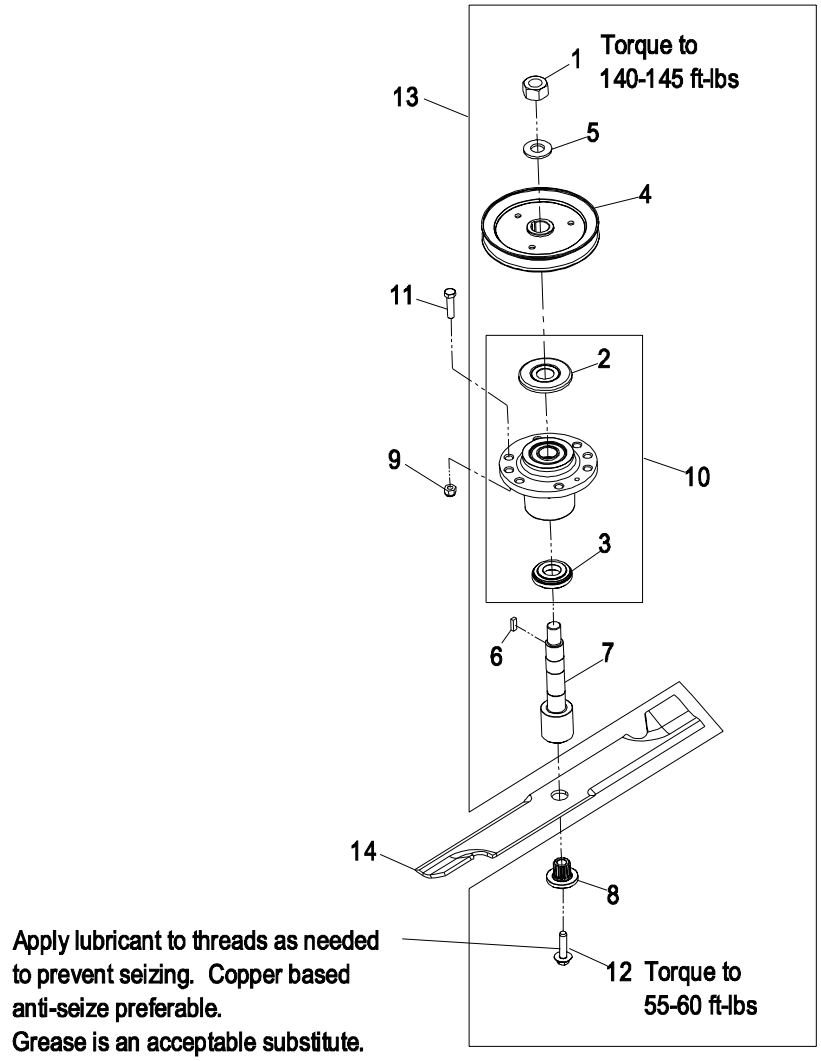
Item	Part No.	Description	Qty.
1	109-6658	Nut, Nyloc 3/8-16 Flg	6
2	109-2148	Asm, Discharge Chute	1
3	1-603299	Roller, Anti Scalp	6
4	1-633447	Chain, Deck Lift	2
5	109-2714	Sheave, Split Steel (52”)	1
	1-643292	Sheave, Split Steel (60” & 72”)	1
6	3296-39	Nut, Nyloc 3/8-16	3
7	1-805005	Washer, Lock 5/16 Heavy	4
8	13-2840	Key, Machine 1/4 x 1/4 x 1 1/4	2
9	98-5975	Washer, Spring Disc 3/8	6
10	99-2842	Spacer-Wheel	6
11	32128-37	Nut, Whizlock 7/16-14	12
12	103-1898	Screw, HH 7/16-20 x 1-5/8 Sp	6
13	3296-53	Nut, Nyloc 5/8-11	2
14	103-4051	Kit, Anti-scalp	6
15	100-4576	Seal, 1-1/2 X 1 X 1/4	1
16	100-4575	Seal, 2 X 1 X 1/4	1
17	109-4449	Driveshaft, Fr Splined Half	1
18	109-4448	Asm, Driveshaft Tube W/Decal	1
19	323-9	Screw, HH 3/8-16 x 1 3/4	3
20	109-4941	Guard, Seal	1
21	103-7959	Gearbox	1

Item	Part No.	Description	Qty.
22	32151-29	Ring, Retaining	1
23	103-8425	Decal, Driveline	1
24	103-9859	Chain, Decklift Front	2
25	103-9861	Shackle, Front Chain	2
26	103-9863	Bushing Shackle	2
27	109-0938-01	Bracket, Discharge Chute	1
28	109-2738	Chute, Discharge	1
29	109-2965	Roller, Full Hub	2
30	322-3	Screw, HH 5/16-18 x 3/4	4
31	322-5	Screw, HH 5/16-18 x 1	2
32	109-2767	Asm, Driveshaft	1
33●	1-803022	Setscrew, 5/16-18 x 5/8	2
34	327-12	Screw, HH 5/8-11 x 4 3/4	2
35	109-4492	Washer, Special	1
36	103-9792	Asm, Chain Deck	2
37	3230-22	Bolt, Carriage 5/16-18 x 1 Sp	3
38●	3247-4	Setscrew, HSH 3/8-16 x 5/8	1
39	3256-82	Washer	3
40	3290-357	Nut, Whizlock 3/8-16	6
41	3296-29	Nut, Nyloc 5/16-18	5
42	109-6207	Asm, Wheel Spacer	2
43	242-50	Nut, Lug	8

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 setscrews, items #33 and #38.

SPINDLE ASSEMBLY

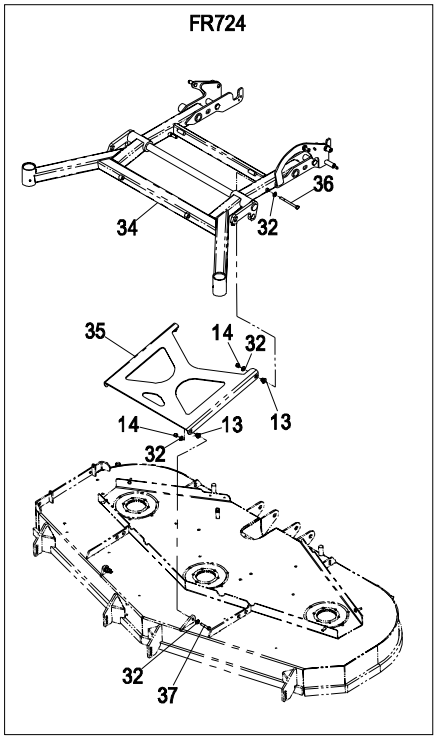


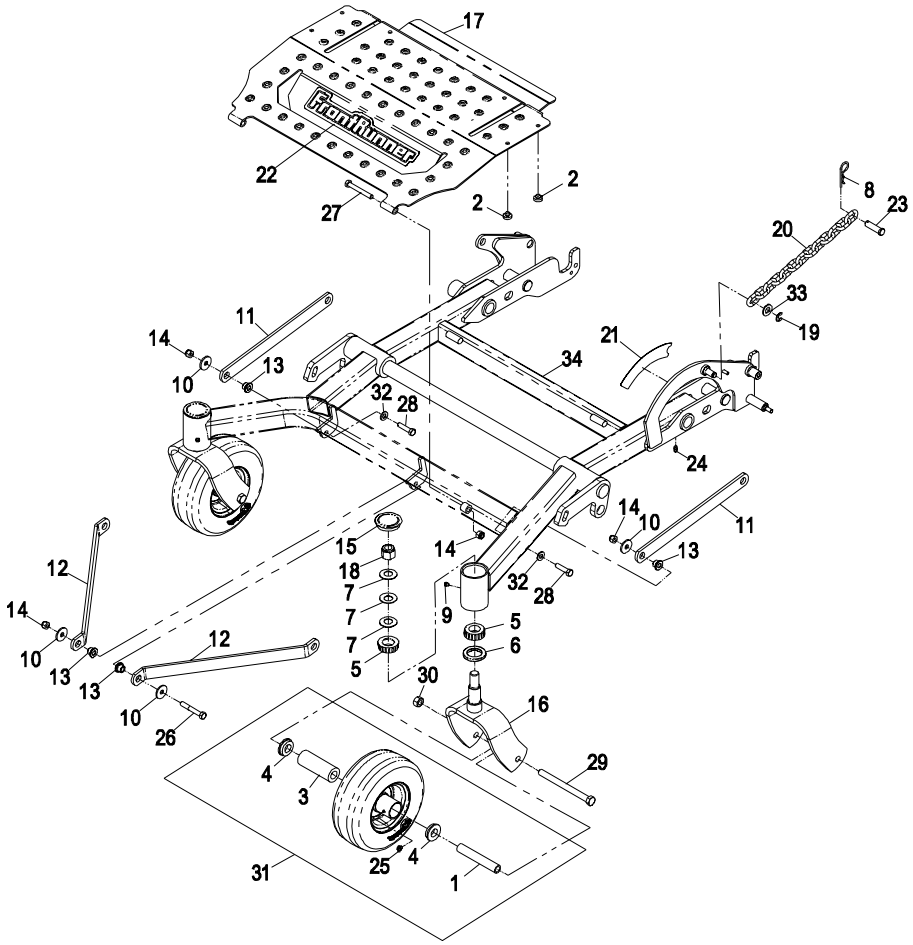
Item	Part No.	Description	Qty.
1●	3217-46	Nut, Hex 3/4-16 Heavy	3
2✚	103-1330	Guard, Bearing Top	3
3	103-2535	Spacer, Guard Bottom	3
4✚	103-2794	Sheave, Blade Drive (52" & 60")	3
	103-2795	Sheave ,Blade Drive (72")	3
5	103-2802	Washer, Spring Disc 3/4	3
6	103-2982	Key, Machine 1/4 x 3/16 x 3/4	3
7❒✚	103-9086	Kit, Spindle	3
8	103-3037	Bushing,Splined	3
9	3296-39	Nut, Nyloc 3/8-16	21
10	103-8280	Asm, Cutter Housing	3
11	323-8	Screw, HH 3/8-16 x 1 1/2 (60" & 72")	18
	323-7	Screw, HH 3/8-16 x 1 1/4 (52")	18
12	109-5958	Screw, HH 1/2-20 x 2	3
13	103-9076	Asm, Cutter Housing Complete (52"& 60")	3
	103-9074	Asm, Cutter Housing Complete (72")	3

Item	Part No.	Description	Qty.
14	103-6402	Blade, Notched (52")	3
	103-6387	Blade, Low Lift (52")	3
	103-6382	Blade, Solid (52")	3
	103-6397	Blade, Extreme (52")	3
◆	103-6392	Blade, Mulching (52")	3
	103-6403	Blade, Notched (60")	3
	103-6388	Blade, Low Lift (60")	3
	103-6383	Blade, Solid (60")	3
	103-6398	Blade, Extreme (60")	3
◆	103-6393	Blade, Mulching (60")	3
	103-6404	Blade, Notched (72")	3
	103-6389	Blade, Low Lift (72")	3
	103-6384	Blade, Solid (72")	3
	103-6399	Blade, Extreme (72")	3
◆	103-6394	Blade, Mulching (72")	3

◆ Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK524Q (52"), MK604Q (60") and MK724
❒ Kit includes items #1, #5, #6, #8, #12 & #13.
✚ 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.
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on nut, Item #13.

FRONT FRAME GROUP



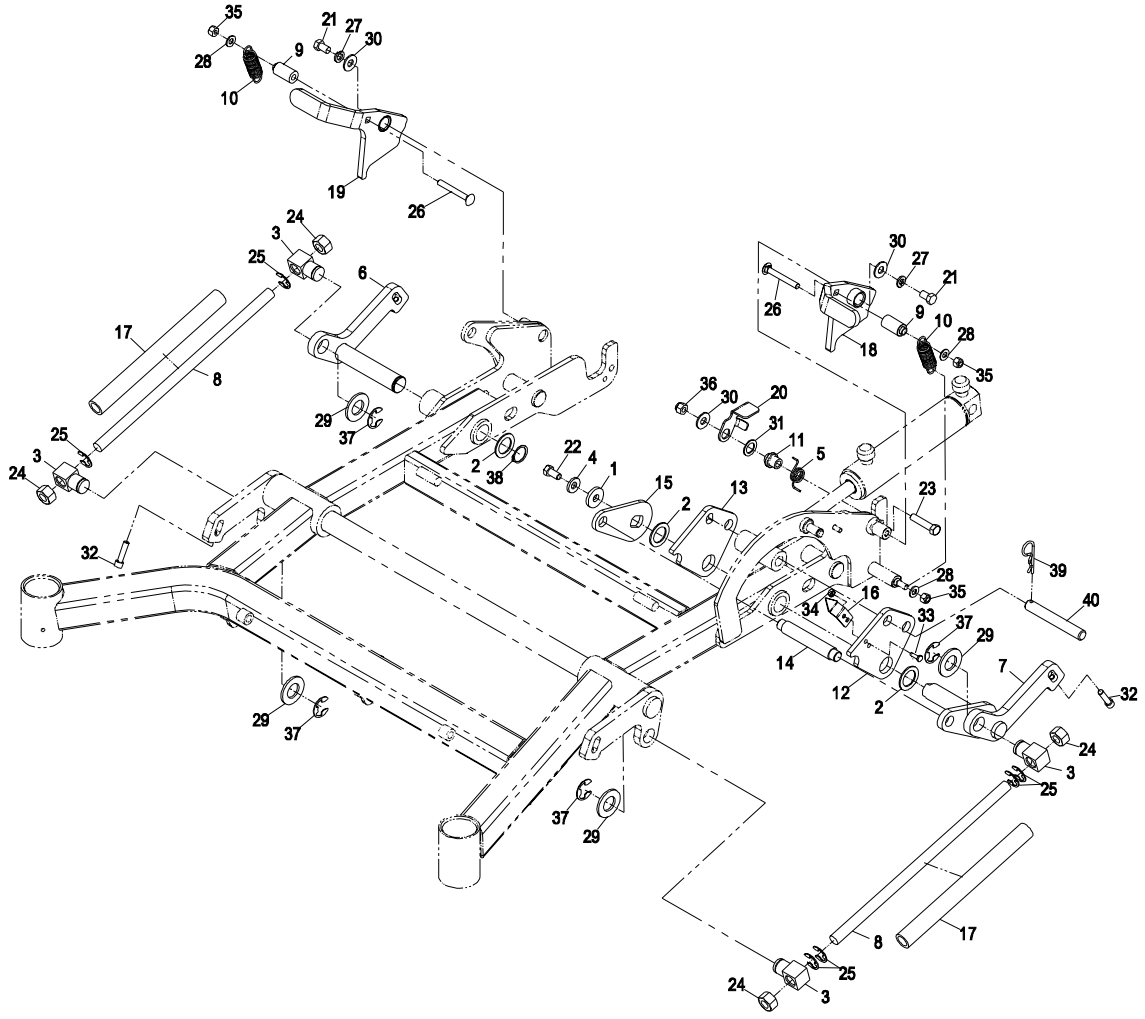


Item	Part No.	Description	Qty.
1	1-513547	Spacer, Front Caster	2
2	1-513658	Bumper	6
3	1-513809	Bearing, Roller	2
4	1-513810	Bushing, Flanged	4
5	1-543509	Cone, Bearing Tapered Roller	4
6	1-543511	Seal, Grease	2
7	1-633508	Washer, Spring Disc	6
8	1-806005	Hairpin, Cotter	2
9	1-811010	Plug	2
10	63-8410	Washer	4
11	103-3898	Flat, Strut	2
12	103-3899	Flat, Strut Angle	2
13	103-3900	Spacer, Strut	4
14	3296-39	Nut, Nyloc 3/8-16 (52" & 60")	5
	3296-39	Nut, Nyloc 3/8-16 (72")	11
15	103-4882	Cap, Grease	2
16	103-9712-01	Wld, Caster Fork	2
17	109-2379	Asm, Front Cover W/Decal	1
18	3296-51	Nut, Nyloc 3/4-10	2
19	32120-47	Ring, Retaining	2

Item	Part No.	Description	Qty.
20	109-0636	Chain, Weight Transfer	2
21	109-2993	Decal, Cutting Height	1
22	109-2114	Decal, FrontRunner	1
23	283-40	Pin, Clevis 1/2 x 1 3/4	2
24	302-19	Zerk, 1/4-28 Str	4
25	302-61	Zerk, 45° 1/4-28	2
26	323-12	Screw, HH 3/8-16 x 2 1/2	1
27	323-13	Screw, HH 3/8-16 x 2 3/4	2
28	323-8	Screw, HH 3/8-16 x 1 1/2	2
29	325-20	Screw, HH 1/2-13 x 6	2
30	3296-45	Nut, Hex 1/2-13	2
31	103-2171	Kit, Tire & Wheel Asm W/ Spacer	2
32	3256-24	Washer, 3/8 SAE	2
33	3256-26	Washer, 1/2 SAE	2
34	109-4574	Asm, Front Frame W/Decal FR524	1
	109-4575	Asm, Front Frame W/Decal FR604	1
	109-5408	Asm, Front Frame W/Decal FR724	1
35	109-4455-01	Strut, Deck FR724	1
36	323-16	Screw, HH 3/8-16 x 4	2
37	323-9	Screw, HH 3/8-16 x 1 3/4	2

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

FRONT FRAME GROUP (cont.)

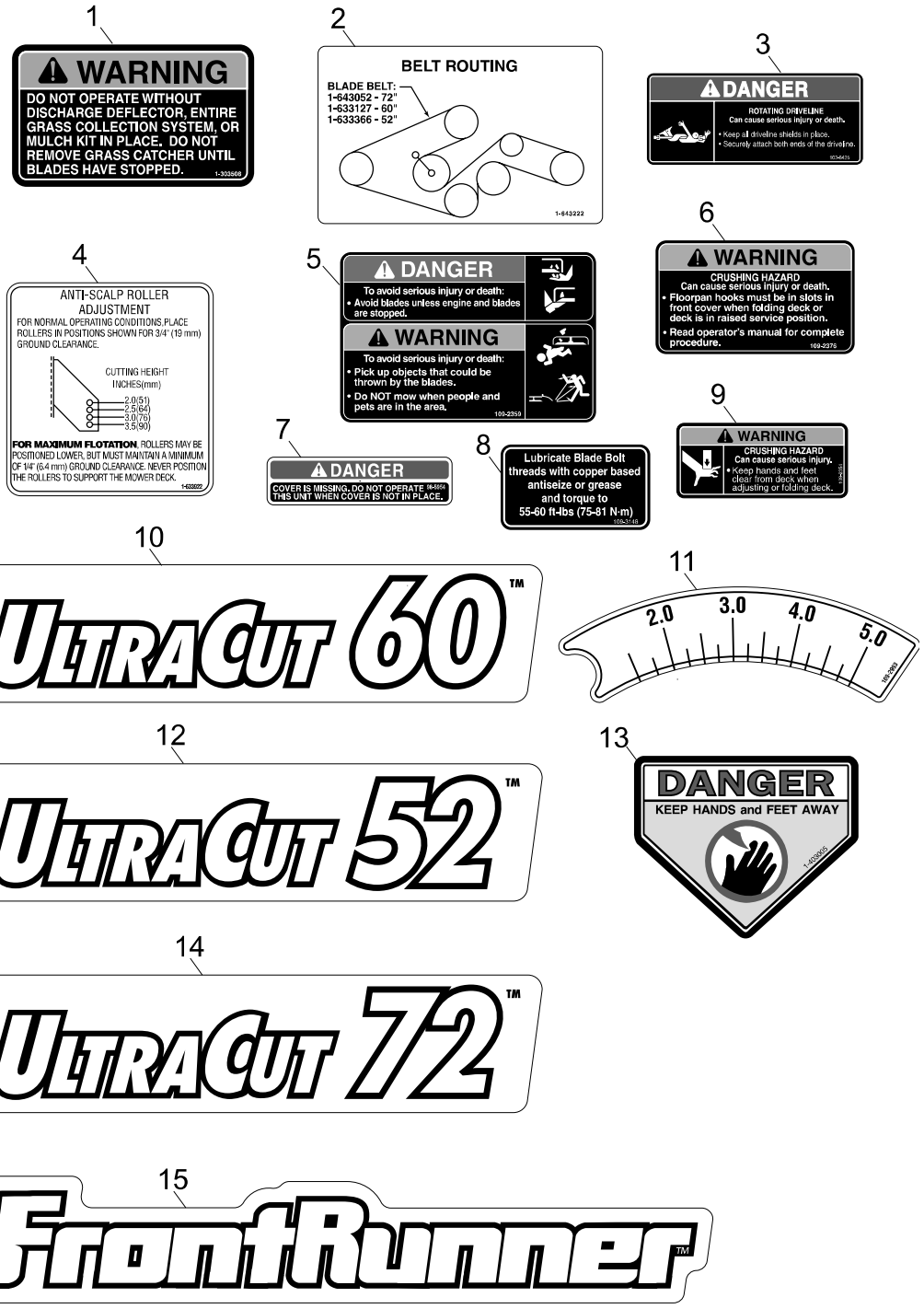


Item	Part No.	Description	Qty.
1	1-373034	Washer	1
2	1-523157	Washer	3
3	1-633441	Swivel, Deck Mount Rear	4
4	98-5975	Washer, Spring Disk 3/8	1
5	103-8316	Spring, Torsion	1
6	103-9699-01	Wld, Decklift Arm	1
7	103-9708-01	Wld, Decklift Arm	1
8	103-9710	Rod, Decklift	2
9	103-9714	Spacer, Spring Anchor	2
10	105-1210	Spring-Extension	2
11	107-0075	Bushing	1
12	109-3013-01	Plate, Cylinder Mount	1
13	109-3014-01	Plate, Cylinder Mount	1
14	109-0047	Pin, Decklift Stop	1
15	109-0340-01	Arm, Deck Lift	1
16	109-1896	Arm, Height Indicator	1
17	109-2065	Tube, Decklift Rod	2
18	109-2205	Wld, Lock Lever LH	1
19	109-2206	Wld, Lock Lever RH	1
20	109-2760	Arm, PTO Switch	1

Item	Part No.	Description	Qty.
21	323-34	Screw, HH 3/8-16 x 5/8	2
22	323-4	Screw, HH 3/8-16 x 3/4	1
23	323-9	Screw, HH 3/8-16 x 1 3/4	1
24	3217-11	Nut, Hex 5/8-11	4
25	32151-48	E-Ring	6
26	3230-8	Bolt, Carriage 5/16-18 x 2 1/2	2
27	3253-5	Washer, Lock 3/8	2
28	3256-23	Washer, 5/16 SAE	4
29	3256-29	Washer, 7/8 SAE	4
30	3256-4	Washer, 3/8 Std	3
31	3256-69	Washer-Flat	1
32	3274-18	Screw, SH 5/16-18 x 1 1/4	4
33	3290-500	Screw, PPH #10-24 x 5/8	2
34	3296-2	Nut, Nyloc #10-24	2
35	3296-29	Nut, Nyloc 5/16-18	4
36	3296-39	Nut, Nyloc 3/8-16	1
37	32151-103	E-Ring	4
38	32151-29	Ring, Retaining	1
39	1-806005	Hairpin, Cotter	1
40	109-0045	Pin, Cylinder Mount	1

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

DECAL GROUP



Item	Part No.	Description	Qty.
1	1-303508	Decal, Discharge Warning	1
2	1-643222	Decal, Belt Routing	1
3	103-8425	Decal, Driveline	2
4	1-633922	Decal, Antiscalp	1
5	109-2359	Decal, Deck Warning	1
6	109-2376	Decal, Crushing Hazard	1
7	98-5954	Decal, Missing Cover	3
8	109-3148	Decal, Bolt Torque	1

Item	Part No.	Description	Qty.
9	109-2354	Decal, Crushing Hazard	2
10	103-1146	Decal, Ultracut 60	1
11	109-2993	Decal, Deck Height	1
12	103-1145	Decal, Ultracut 52	1
13	1-403005	Decal, Danger	2
14	103-1147	Decal, Ultracut 72	1
15	109-2114	Decal, FrontRunner	1
	109-3062	Decal Kit	

SERVICE RECORD

Date	Description of Work Done	Service Done By

SEE EXMARK'S COMPLETE LINE OF ACCESSORIES

MID-MOUNT RIDING ACCESSORIES

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

OUT-FRONT RIDING ACCESSORIES

CUSTOM RIDE SEAT SUSPENSION SYSTEM
DUAL-TAIL WHEEL
FLOOR PAN EXTENDER
HITCH KIT
LIGHT KIT
MICRO-MULCH SYSTEM
ROLL OVER PROTECTION SYSTEM (ROPS)
ROTARY BROOM
SNOW BLADE
SNOWBLOWER
SUN SHADE
TRASH CONTAINER
ULTRA VAC COLLECTION SYSTEM
ULTRA VAC QUICK DISPOSAL SYSTEM
WEATHER CAB

WALK-BEHIND ACCESSORIES

GRASS CATCHER
LAZERLOCKER
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 _____

© 2005—2008 Exmark Mfg. Co., Inc.
All Rights Reserved

Industrial Park Box 808
Beatrice, NE 68310
(402) 223-6300
Fax (402) 223-5489

Part No. 4500-231 Rev. A
Printed In USA.

www.exmark.com