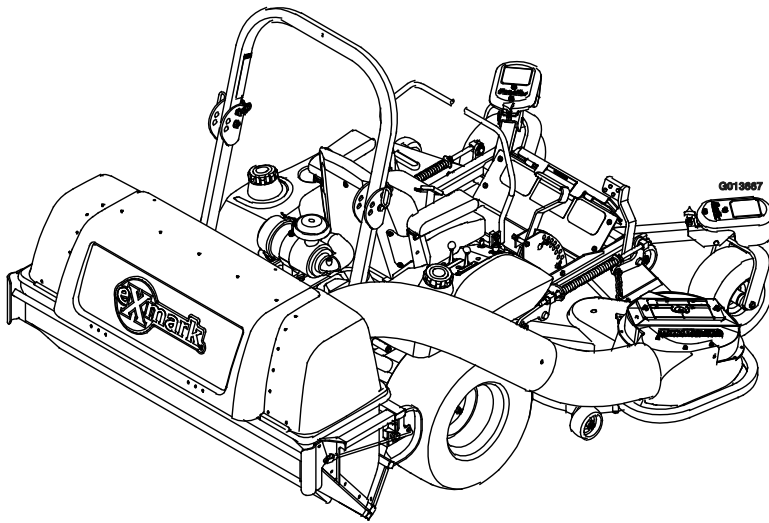
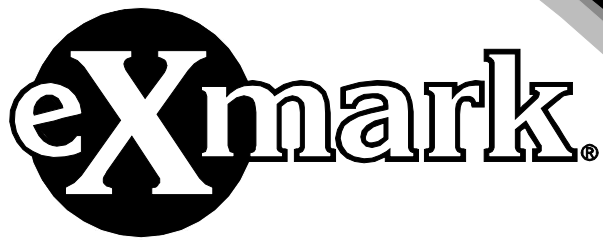




ULTRA VAC® QDS

**LAZER Z®, LAZER Z® AS, LAZER Z®
XP, LAZER Z® XS AND LAZER Z® DS
MODELS**

For Ultra Vac Serial Nos.
315,000,000 & Higher
(to fit Lazer Z (LZ), Lazer Z AS (LAS),
Lazer XP Units 352,000–789,999)
(to fit Lazer Z XS Units
352,000 & Higher)
(to fit Lazer Z DS Units
312,000,000 & Higher)
Part No. 4502-220 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**

TABLE OF CONTENTS

<u>Description</u>	<u>Page</u>
Blower Assembly	3-4
Decals	10
Hitch and Handle Assembly	9
Hopper Assembly	5-6
Weight and Belt Drive Components	7-8

BLOWER ASSEMBLY

Item	Part No.	Description	Qty.
1	109-1133-03	Wld, Blower Mount 60" & 72"	1
2	103-0455	Wld, Impeller	1
3:	1-653346	Bearing, SPH. OD	2
4	1-513013	Housing, Flange	4
5:	103-0456	Sheave, Blower	1
6	103-3593	Wld, Upper Housing (103-0457-03) With Decals	1
7	1-653331	Spring, Idler	1
8	3290-357	3/8-16 Whizlock Nut	8
9	114439	Rivet	3
10	323-11	Screw HH 3/8-16 x 2 1/4	4
11	3256-4	Washer, Flat .438 x 1.00 x .083	4
12σ	109-2954	Asm, Blower Chute	1
13	1-353054	Latch, Grass Catcher	1
14	3296-39	Nut, Nyloc 3/8-16	1
15	1-603044	Bushing, Idler Pivot	1
16	103-0458-01	Bumper	1
17	103-0448	Asm, Idler W/Bushings (103-0462-03) Zerk, & Decal	1
18	3230-18	Bolt, Carriage 5/16-18 x 5/8	6
19	1-513208	Washer, Spring Disk	1
20	3219-6	Nut, 5/8-18	1
21■	3220-5	Nut, Jam 1/2-20	1
22	1-513435	Washer, Spring Disk	1
23	103-0460	Spacer	1
24	32128-20	Nut, Whizlock 5/16-18	6
25	321-4	Screw, HH 1/4-20 x 3/4	2
26	321-3	Screw, HH 1/4-20 x 5/8	10
27	32128-33	Nut, Whizlock 1/4-20	17
28	1-303334	Washer, Spring Disk 5/16	1
29	3229-11	Bolt, Carriage 1/4-20 x 5/8	3
30	103-0126	Bushing, Locator	1
31	3257-32	Key, Woodruff #61 5/8 x 3/16	1
32	103-3583	Cover, Bearing (103-3584-03) With Decal	1

Item	Part No.	Description	Qty.
33	3296-47	Nut, Nyloc 5/16-18 (thin)	2
34	3256-3	Washer, Flat 5/16 x 7/8 OD	2
35	3274-18	Screw, Socket HD 5/16-18 x 1 1/4	1
36	1-803075	Screw, CRTH #10-24 x 3/4	3
37	3290-148	Nut, Whizlock #10-24	3
38	1-803076	Screw, CRTH 1/4-20 x 3/4	2
39	323-8	Screw HH 3/8-16 x 1 1/2	2
40	103-2898	Latch, Rubber	2
41	3217-6	Nut 5/16-18	1
42	103-0461-03	Plate, Blower Backing	1
43	323-4	Screw HH 3/8-16 x 3/4	3
44	302-19	Zerk, 1/8-28 Straight	1
45	103-0483	Idler	1
46	1-653367	Hub, Spacer	1
47	1-653600	Bearing	2
48	103-3093	Plate, Backing	2
49	103-0445-03	Wld, Mount Pin	1
50	32105-13	Screw, HWH #10-24 x 3/4	10
51	109-1974	Tube, Lower	1
52	109-3525	Tube, Upper 60"	1
	109-1968	Tube, Upper 66" & 72"	1
53	103-2897	Latch, Catch	2
54	3256-61	Washer, Flat .216 x .75 x .05	6
55	3296-2	Nut, Nyloc #10-24	10
56	321-6	Screw, HH 1/4-20 x 1	2
57	103-3079	Plate, Backing	2
58	1-353005-03	Handle	1
59	3296-42	Nut, Nyloc 1/4-20	4
60	3256-55	Washer, Flat .26 x 1.25	2
61	3229-1	Bolt, Carriage 1/4-20 x 3/4	2
62	109-1986	Asm, Blower (Includes Items 1-49, 61 & Decals)	1
63	103-4751-03	Plate, Reinforcement	1
64	3256-26	Washer-1/2 SAE	1
65	3296-28	Nut-Nyloc	1

Exmark black touch up spray paint – gloss black

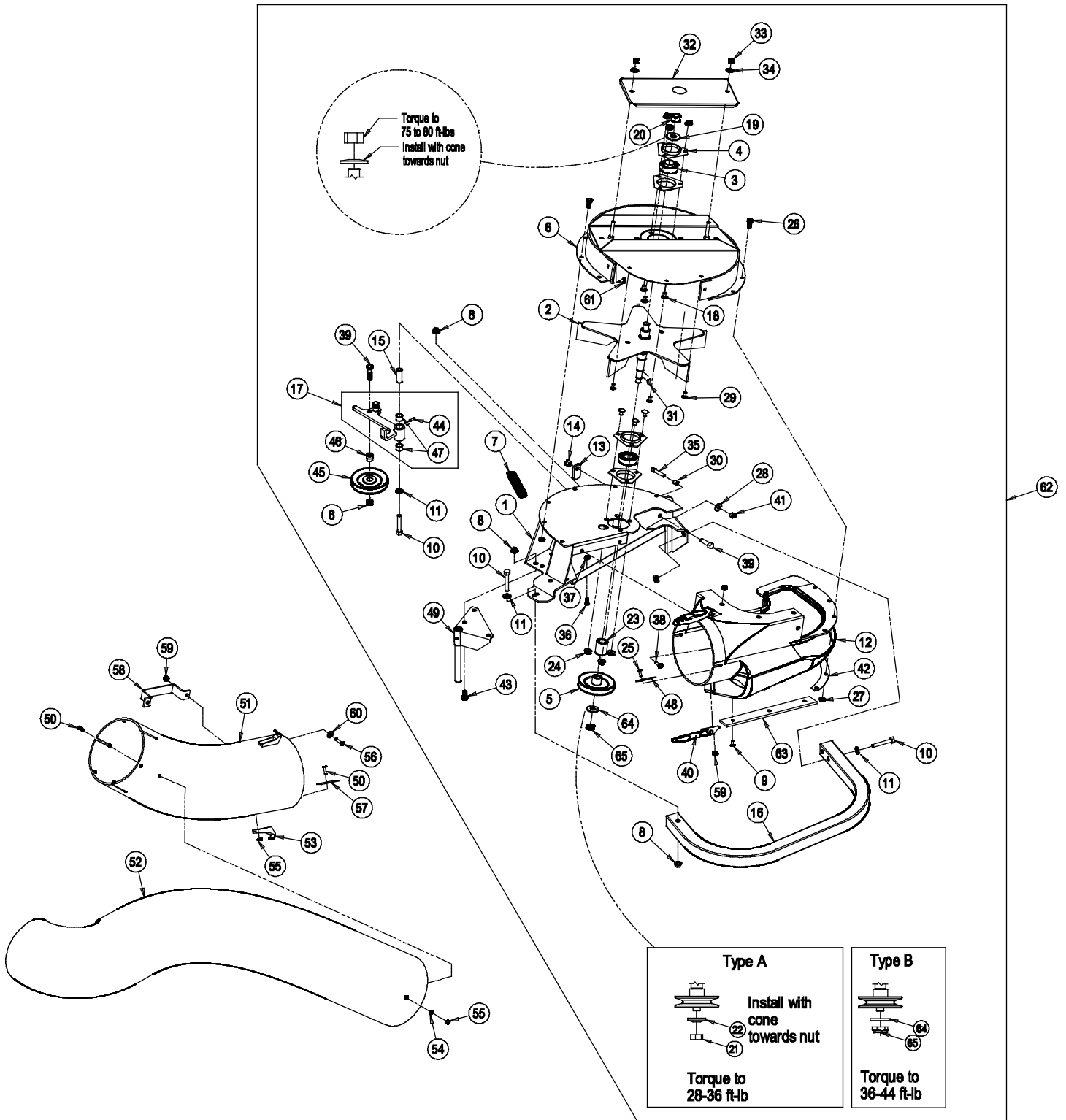
Exmark red touch up paint (spray paint – P/N 1-850337 - .6 oz liquid bottle – P/N 103-9140)

: Apply Mobil HTS grease (P/N 103-5217 1.5 oz packet) (or a food-grade antisieze) on bore of sheave and bearings.
Kit 103-0583 is available to add or repair the welded-on accessory mounting tube on all 44"-72" decks.

σ Includes items 9 and 63.

■ Use Pro-Lock retaining type, Part no. 1-840023 (.5cc tube) on threads.

BLOWER ASSEMBLY



HOPPER ASSEMBLY

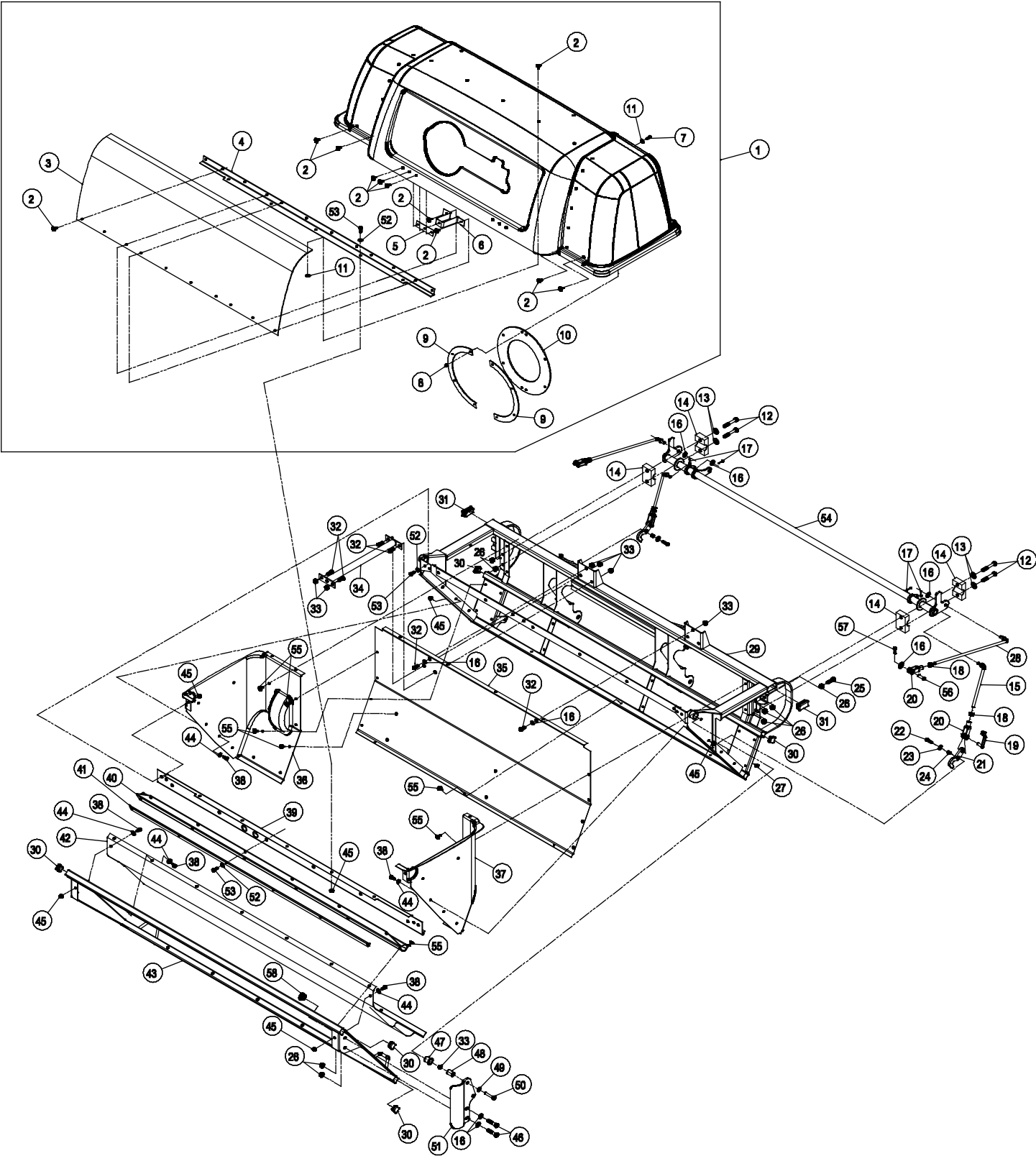
Item	Part No.	Description	Qty.
1:	103-2736	Asm, Hood Dump	1
2	114439	Rivet, Pop 3/16 x 1/2	33
3	103-0440	Screen, Bagger	1
4	103-2662-03	Support, Screen	1
5	103-0376	Plate, Latch Reinforce	2
6	103-0379	Bracket, Mount.....	2
7	3250-27	Screw, #10-24 x 3/4 CRTH.....	8
8	3296-2	Nut, Nyloc #10-24	8
9	103-0378	Clamp, Seal	2
10	103-0439	Seal, Tube	1
11	3256-61	Washer, Flat .216 x .750.....	23
12	323-12	Screw, HH 3/8-16 x 2 1/2.....	4
13	3256-4	Washer, Flat 7/16 x 2.....	4
14	103-2409	Bearing, Block Half	4
15	103-2413	Linkage, Handle	2
16	3256-24	Washer, Flat .406 x .813.....	12
17	3272-10	Pin, Cotter 1/8 x 3/4	4
18	3219-3	Nut, HH 3/8-24	4
19	103-2399	Pin, Spring Clevis 3/8	2
20	1-633131	Yoke, Brake Linkage.....	4
21	103-3191-03	Latch	2
22	321-6	Screw, HH 1/4-20 x 1.....	2
23	3256-55	Washer, Flat 1/4	2
24	1-633545	Spacer, Gomet.....	2
25	323-53	Bolt, Tap 3/8-16 x 1 3/4	2
26	3290-357	Nut, HHF 3/8-16.....	12
27	3296-42	Nut, Nyloc 1/4-20	2
28	103-2365	Link, Hinge	2
29	103-4742-03	Wld, Upright	1
30	103-3202	Cap, Tube 1 x 1	6

Item	Part No.	Description	Qty.
31	103-3201	Cap, Tube 1 x 2	2
32	322-3	Screw, HH 5/16-18 x 3/4	6
33	32128-20	Nut, Whizlock 5/16-18	8
34	103-2414-03	Wld, Rear Crossmember	1
35	103-2404-03	Sheet, Wall	1
36	103-7826	Panel, Bagger LH	1
37	103-7827	Panel, Bagger RH.....	1
38	321-3	Screw, HH 1/4-20 x 5/8	32
39	103-2710	Asm, Rear Crossmember	1
40	103-2360	Seal, Door Hinge	1
41	103-3010-03	Strap, Hold Down	1
42	103-2383	Asm, Bag & Bottom Panel.....	1
43	103-2737	Asm, Door Frame	1
44	3256-2	Washer, Flat .312 x .750	32
45	32128-33	Nut, Whizlock 1/4-20	36
46	323-6	Screw, HH 3/8-16 x 1	4
47	103-2377	Bushing.....	2
48	103-2361	Pin, Hinge Pivot.....	2
49	3256-23	Washer, Flat .344 x .688	2
50	322-9	Screw, HH 5/16-18 x 1 3/4	2
51	103-3332-03	Arm, Hinge LH	1
	103-3331-03	Arm, Hinge RH (Not Shown)	1
52	3256-22	Washer, 1/4 SAE.....	22
53	321-4	Screw, HH 1/4-20 x 3/4	22
54	103-2412-03	Wld, Intermediate Link.....	1
55	114439	Rivet, Pop 3/16 x 1/2	23
56	1-808285	Pin, Clevis.....	2
57	1-806003	Pin, Hair.....	2
58	103-8018	Dome, Plug.....	2

Exmark black touch up spray paint – gloss black

: Includes items 2 through 11 and large Exmark decal.

HOPPER ASSEMBLY



WEIGHT AND BELT DRIVE COMPONENTS

Ref No.	Part No.	Description	LAZER below SN 600,000 & all AS 789,999 and Lower		LAZER above SN 600,000- 789,999			LAZER XP		LAZER XS below SN 600,000		LAZER XS & LAZER DS above SN 600,000		
			60"	72"	60"	66"	72"	60"	72"	60"	72"	60"	66"	72"
1	109-3458	Pin, Chute Pivot	1	1	1	1	1	1	1	1	1	1	1	1
2	1-806003	Hairpin, Cotter	1	1	1	1	1	1	1	1	1	1	1	1
3	103-2792	Sheave, Jackshaft LZUV 60	1					1		1				
	103-2796	Sheave, Jackshaft LZUV 72		1					1		1			
	103-2797	Sheave, Jackshaft, LZUV 52												
	109-1164	Sheave, 60 Triton & Series 5			1							1		
	109-1216	Sheave 66 Triton				1							1	
	109-1231	Sheave 72 Triton & Series 5					1							1
4	1-653438	Belt, Blower Drive 52												
	103-0866	Belt, Blower Drive 60	1					1		1				
	103-0867	Belt, Blower Drive		1		1			1		1		1	
	109-1242	Belt, Blower Drive 60 Triton & Series 5			1							1		
	109-1244	Belt, Blower Drive 72 Triton & Series 5					1							1
5 λ	103-0899	Weight, 70lb w/ 1.5" bracket	1											
	103-0900	Weight, 70lb w/ 2.0" bracket	1		2					2		2		
	103-0901	Weight, 43lb w/ 1.5" bracket												
	103-0902	Weight, 43lb w/ 2.0" bracket		2		2	2	2	2		2		2	2
6	103-2180-01	Wld, Weight Bracket 2.0	1	2	2	2	2	2	2	2	2	2	2	2
	103-2181-01	Wld, Weight Bracket 1.5	1											
7	283-69	Pin, Clevis	2	2	2	2	2	2	2	2	2	2	2	2
8	1-806005	Hairpin, Cotter	2	2	2	2	2	2	2	2	2	2	2	2
9	3290-357	Nut, Whizlock 3/8-16	4	4	4	4	4	4	4	4	4	4	4	4
10	103-2500	Screw, Sq Head 3/8-16 x 2 1/2		4		4	4	4	4		4		4	4
	103-2189	Screw, Sq Head 3/8-16 x 4	4		4					4		4		
11	103-1425-01	Plate, Weight	4	4				4	4	4	4	4+	4+	4+
12	322-9	Screw, HH 5/16 -18 x 1 3/4	4	4				4	4	4	4	4**	4**	4**
13	3256-23	Washer, 5/16 SAE	4	4				4	4	4	4	4**	4**	4**
14	32128-20	Nut, Whizlock 5/16-18	4	4				4	4	4	4	4**	4**	4**
15	103-1028	Stud, Belt Shield	1	1	1	1	1	1	1	1	1	1	1	1
16	1-603610	Washer, Spring Disc 7/16	2		2			2		2		2		
17	1-633545	Spacer, Grommet	1		1			1		1		1		
18	3256-27	Washer, 5/8 SAE			1	1	1					1	1	1
19	103-0734	Belt Cover 52"												
	103-0735	Belt Cover 60"	1					1		1				
	103-0736	Belt Cover 72"		1					1		1			
	109-1171	Belt Cover 60" Triton & Series 5			1							1		
	109-1172	Belt Cover 66" Triton				1							1	
	109-1173	Belt Cover 72" Triton & Series 5					1							1
20	103-2187	Knob	2	2	2	2	2	2	2	2	2	2	2	2
21	3256-24	Washer	2	2	2	2	2	2	2	2	2	2	2	2
22	103-2188	Spring	2	2	2	2	2	2	2	2	2	2	2	2
23	103-1279	Plug	1	1	1	1	1	1	1	1	1	1	1	1
24	103-5856-01	Plate, Weight Mounting	2	2				2	2	2	2			
25	103-5866	Asm, Weight Plate W/Decals	1	1				1	1	1	1			
26	9335124	Hairpin, Cotter	2	2				2	2	2	2			
27 Γ	103-5865	Template, Drill	1	1				1	1	1	1	1**	1**	1**
28	109-2977-01	Deflector			1	1	1					1	1	1

λ Includes items 6, 9, 10, 19, 20, 21 weight and decal

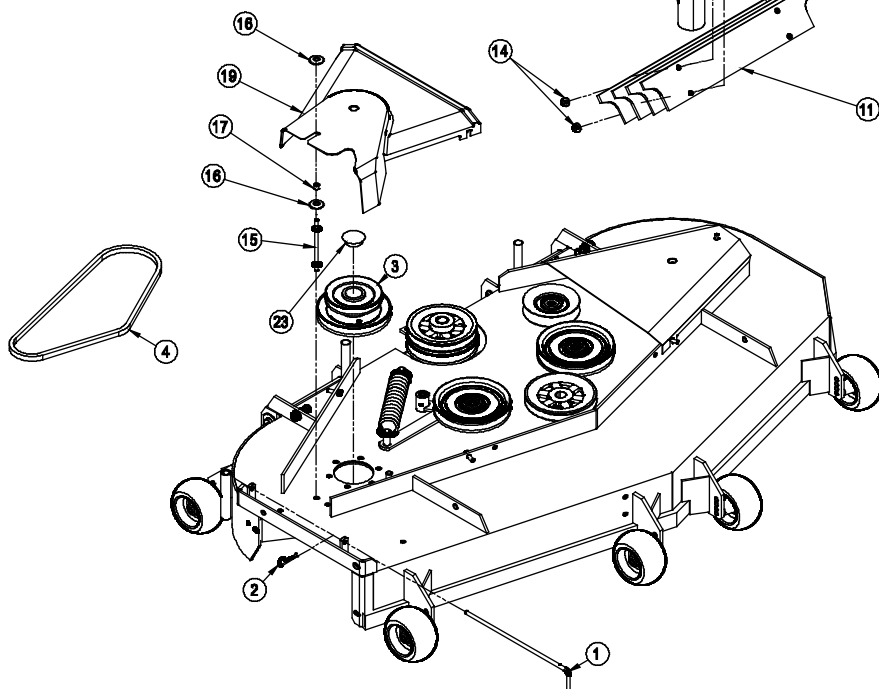
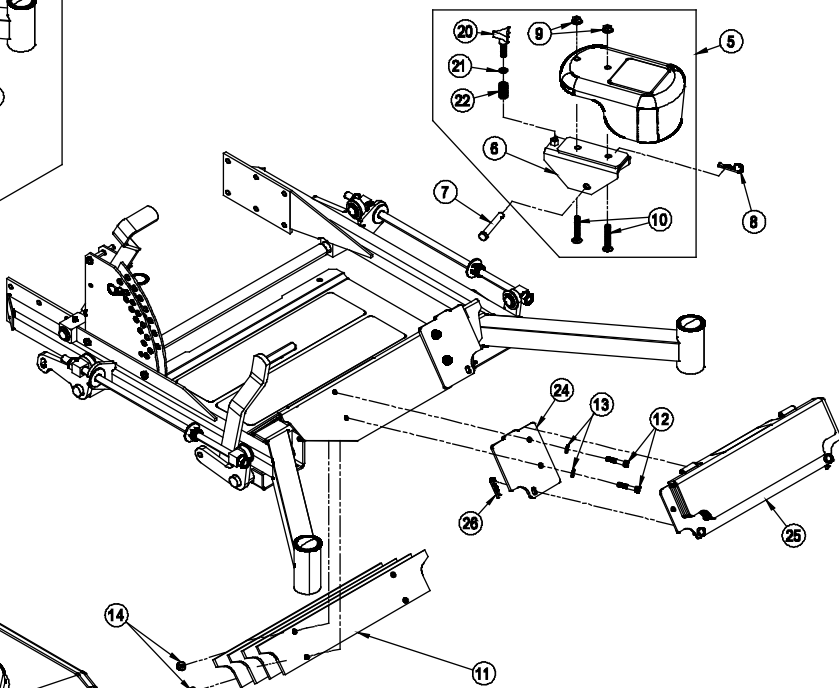
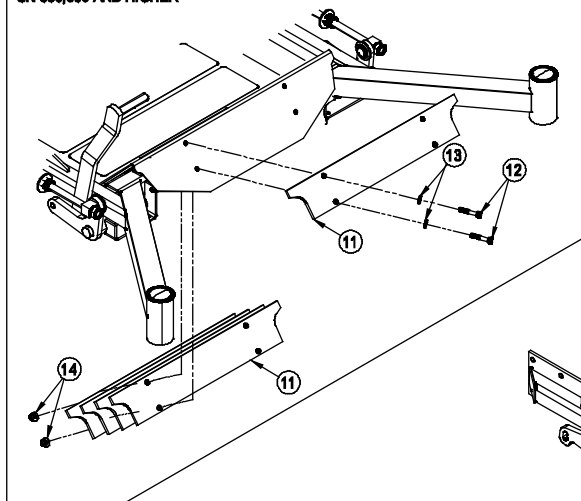
** Liquid cooled units only

Γ Item not shown. Use to drill holes for floorpan weights

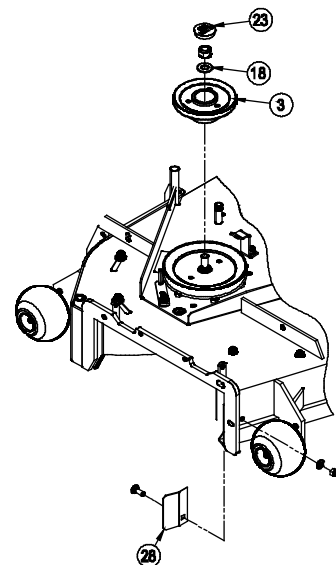
+ Liquid cooled units need 5 plates

WEIGHT AND BELT DRIVE COMPONENTS

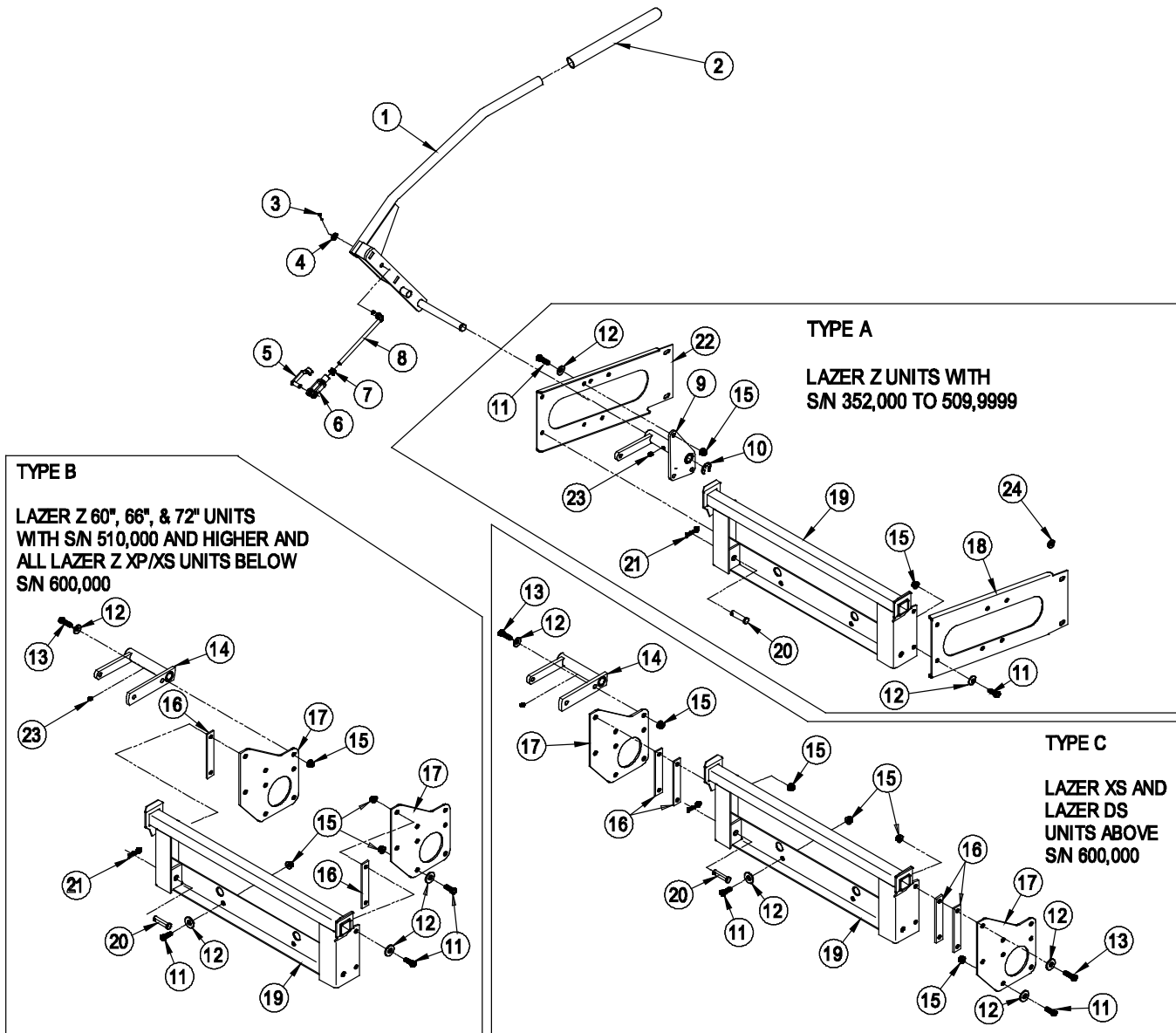
LAZER XS LIQUID COOLED
AND LAZER DS
SN 600,000 AND HIGHER



LAZER, LAZER XS, LAZER DS
ABOVE SN 600,000



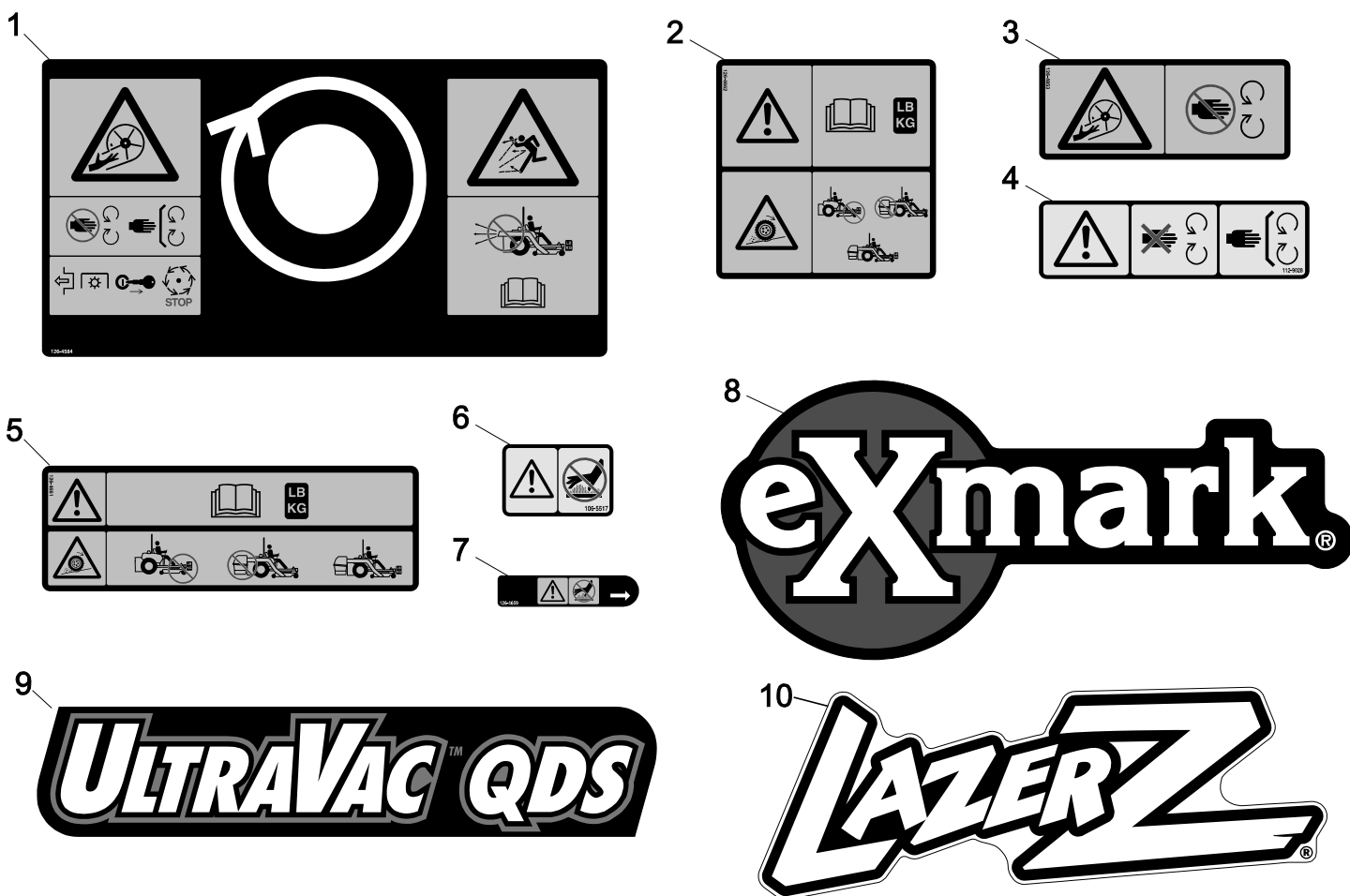
HITCH and HANDLE ASSEMBLY



Item	Part No.	Description	Qty.
1	103-4745	Asm, Handle W/Grip	1
2	103-3005	Grip, Handle	1
3	3272-10	Pin, Cotter .125 x .75	1
4	3256-24	Washer, Flat .406 x .813	1
5	103-2399	Pin, Spring Clevis 3/8.....	1
6	1-633131	Yoke, Linkage Brake.....	1
7	3219-3	Nut, HH 3/8-24	1
8	103-2413	Link, Handle	1
9	103-5615-03	Wld, Handle Mount (Type A).....	1
10	32151-48	E-Ring.....	1
11	323-6	Screw, HH 3/8-16x1 (Type A)	11
	323-6	Screw, HH 3/8-16x1 (Type B)	14
	323-6	Screw, HH 3/8-16x1 (Type C).....	10
12	98-5975	Washer, Spring Disc (Type A)	11
	98-5975	Washer, Spring Disc (Type B & C)	16

13	323-7	Screw, HH 3/8-16x1.25 (Type B).....	2
	323-7	Screw, HH 3/8-16x1.25 (Type C)	6
14	103-2980-03	Wld, Handle Mount (Type B & C)	1
15	3290-357	Nut, Whizlock 3/16-16 (Type A).....	11
	3290-357	Nut, Whizlock 3/16-16 (Type B & C).....	16
16	103-1155-03	Spacer (Type B)	2
	103-1155-03	Spacer (Type C)	4
17	103-2975-03	Plate, Bagger Mount (Type B & C)	2
18	103-0399-03	Bracket, Frame RH (Type A)	1
19	103-0429-03	Wld, Bagger Mount.....	1
20	283-69	Pin, Clevis.....	2
21	1-806005	Pin, Hair	2
22	103-5612-03	Bracket, Frame LH (Type A).....	1
23	302-19	Zerk, 1/4-28 Straight.....	1
24	71-9310	Spacer (Type A)	6

DECALS



Item	Part No.	Description	Qty.
1	126-4584	Decal-Warning Blower.....	1
2	126-4662	Decal-Warning Traction.....	1
3	126-4853	Decal-Blower Impeller Hazard.....	1
4	112-9028	Decal-Cover Missing	1
5	126-4661	Decal-Warning Weight	3

Item	Part No.	Description	Qty.
6	106-5517	Decal-Hot Surface.....	1
7	126-4659	Decal-Hot Pulley	1
8	103-0438	Decal-Exmark (60 & 72).....	1
9	103-3302	Decal, Ultra Vac QDS	1
10	103-3113	Decal, Lazer	1

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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