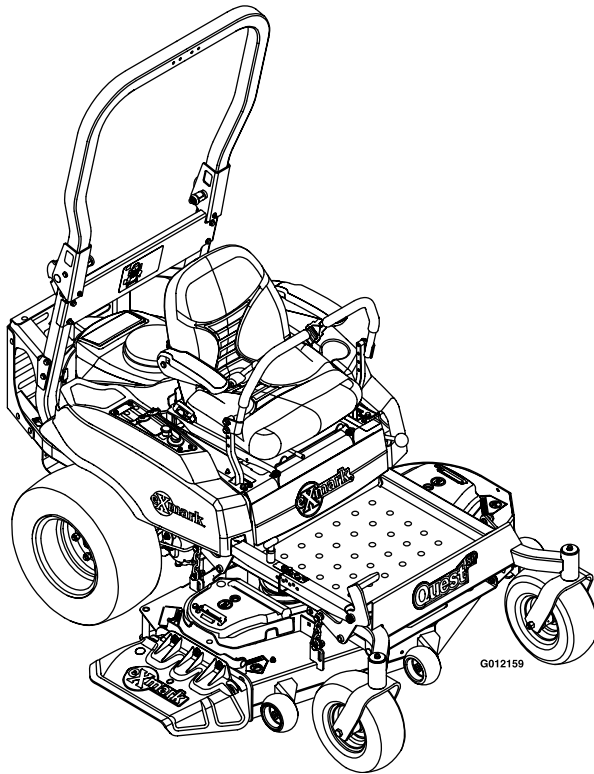




QUEST® SP MODELS

**For Serial Nos.
850,000 & Higher**
Part No. 4500-583 Rev. C

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.)

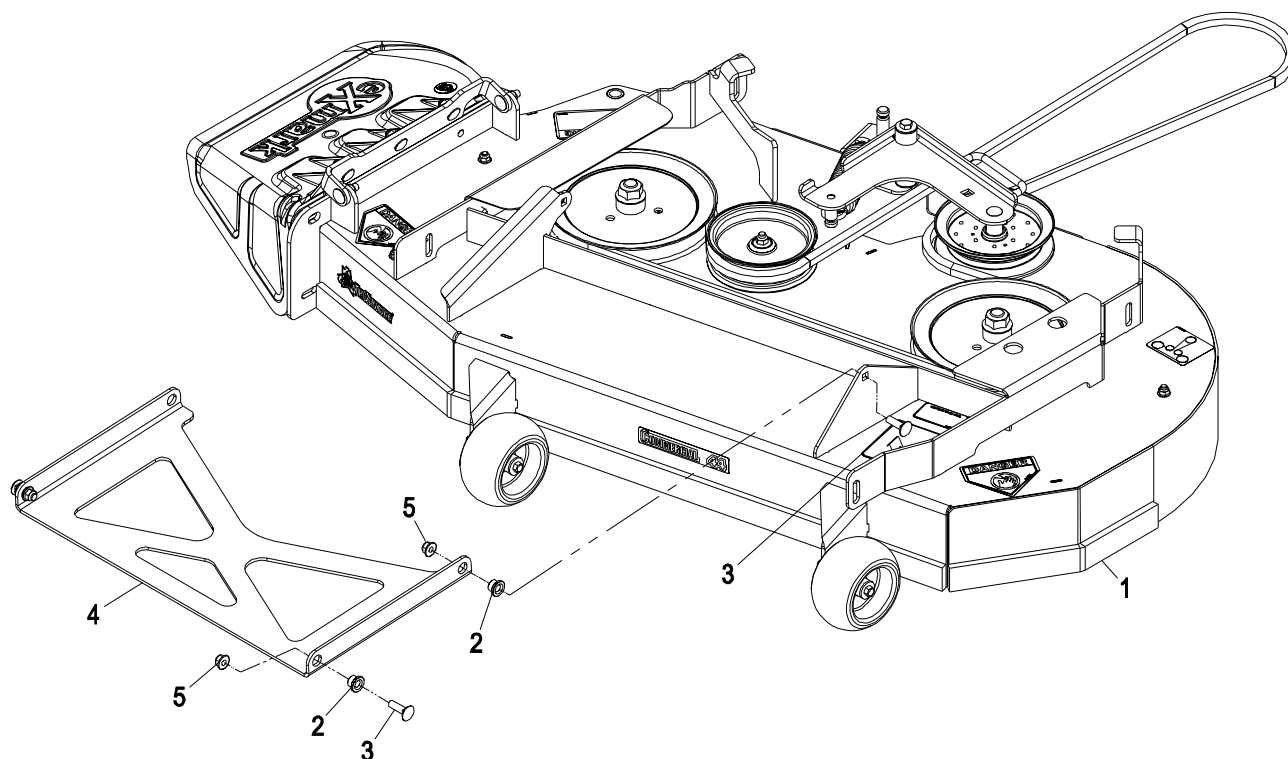


**READ OPERATOR'S MANUAL BEFORE
OPERATING OR SERVICING EXMARK EQUIPMENT**

TABLE OF CONTENTS

<u>Description</u>	<u>Page</u>
Deck Group	3-7
Decal Group	20
Electrical Diagram.....	22
Electrical Group	21
Electrical Logic Schematic	23
Engine Group	16-17
Frame Group	8-9
Fuel Group.....	15
Motion Control Group	11-12
ROPS Assembly	10
Seat Group	13-14
Transaxle Assembly	19
Transaxle Group	18

DECK GROUP

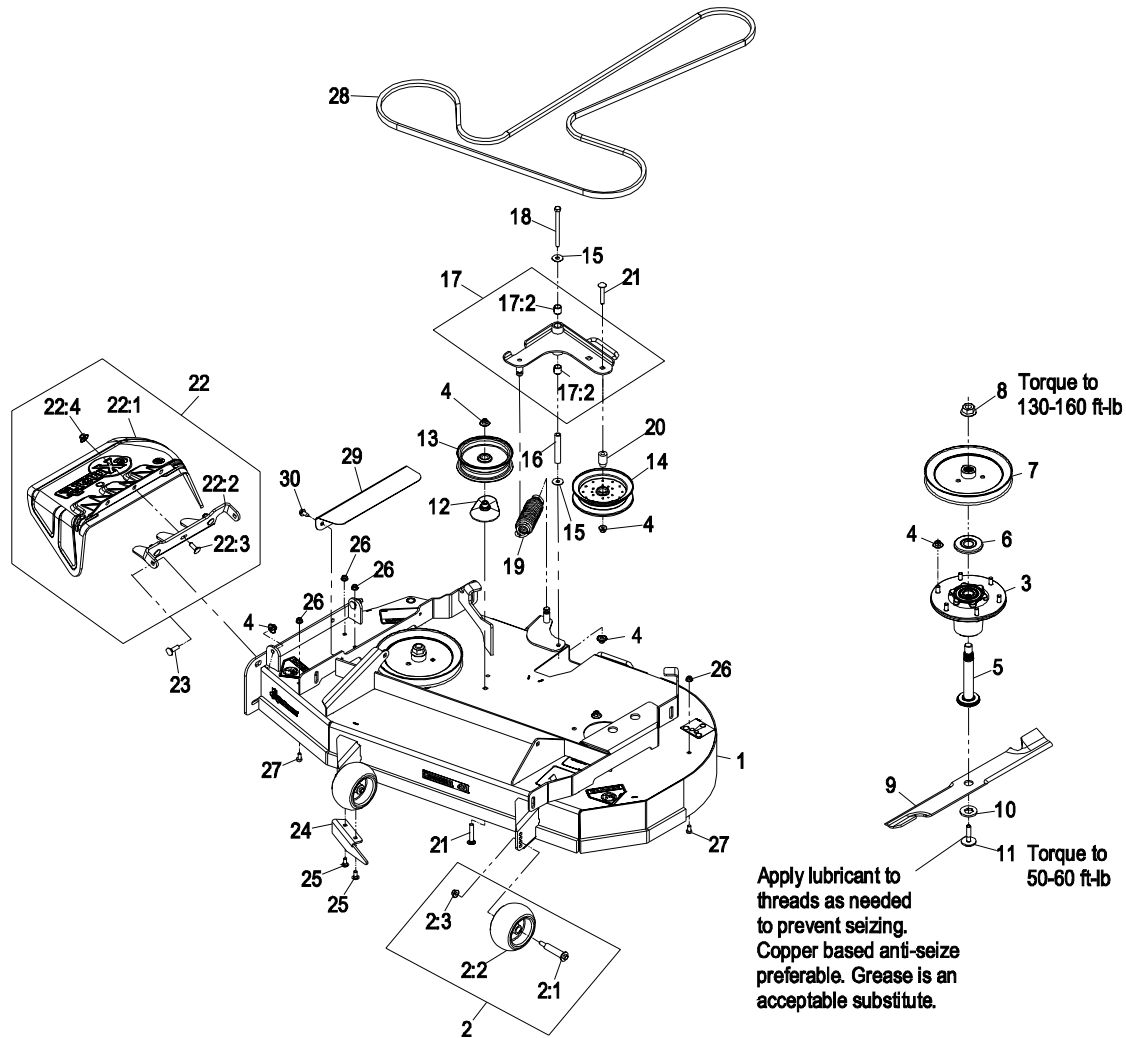


Item	Part No.	Description	Qty.
1	116-3126	Asm, Complete Deck 44"	1
	116-3127	Asm, Complete Deck 48"	1
	116-3128	Asm, Complete Deck 52"	1
2	109-8788	Bushing-Flanged	4

Item	Part No.	Description	Qty.
3	3231-25	Bolt, Carriage 3/8-16 x 1 1/4	4
4	109-3723-01	Strut-Deck	1
5	104-8301	Nut, Nyloc 3/8-16 Flg	4

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

44" DECK GROUP



Item	Part No.	Description	Qty.
1	116-1021	Deck Asm-W/Decals, 44	1
2	109-6388	Kit, Anti-Scalp Roller	2
2:1	112-3977	Bolt, Wheel	2
2:2	1-603299	Roller, Anti-Scalp	2
2:3	104-8301	Nut, Nyloc 3/8-16 Flg	2
3	116-1174	Kit, Cutter Housing.....	2
4	109-6658	Nut, Nyloc 3/8-16 Flg	17
5	116-0381	Spindle, Hex Pilot 5.5" Deck.....	2
6	116-1286	Guard, Bearing Top .989.....	2
7	116-1036	Sheave-Blade Drive, 8.40	2
8	104-0753	Nut, Hex 3/4-16 Flg Special	2
9	116-1037	Blade, Notched	2
●	116-1047	Blade, Mulch	2
10	109-7429	Washer, Blade Drive	2
11	116-0005	Bolt, Blade SEMS	2
12	109-2872	Spacer-Pulley.....	1
13	99-8912	Pulley-Idler, Flat.....	1
14	103-8743	Pulley-Idler, Flanged -5".....	1
15	52-2860	Washer	2
16	103-0040	Bushing-Tightener, Pivot.....	1

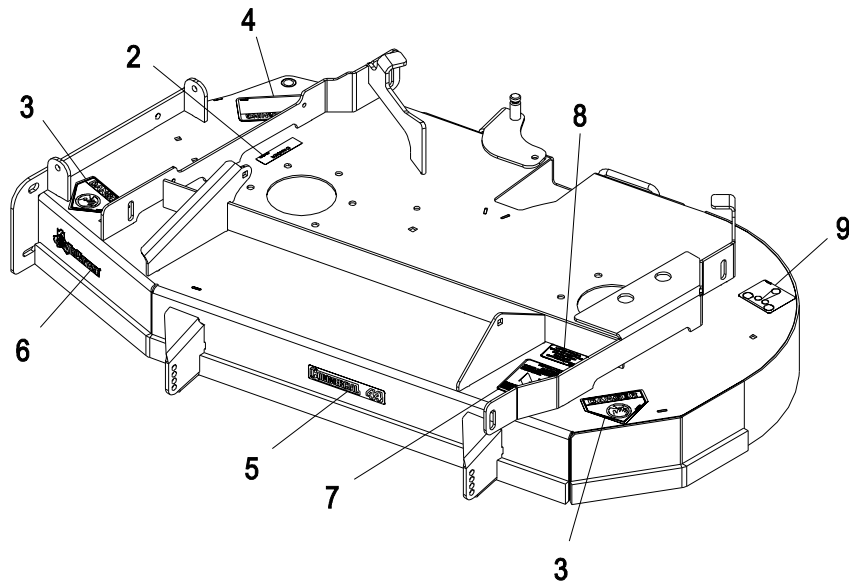
Item	Part No.	Description	Qty.
17	116-3248	Asm, Idler Arm W/Bearings.....	1
17:2	1-513034	Bearing, Sleeve	2
18	323-23	Screw, HH 3/8-16 x 4-1/2.....	1
19	116-0133	Extension-Spring	1
20	116-2980	Bushing, Idler.....	1
21	3231-40	Bolt, Carriage 3/8-16 x 2 1/4	2
22	109-7188	Asm, Discharge Deflector	1
22:1	109-2738	Deflector, Discharge	1
22:2	109-8675-01	Bracket, Discharge Deflector	1
22:3	3231-22	Bolt, Carriage 3/8-16 x 1	3
22:4	109-6658	Nut, Nyloc 3/8-16 Flg	3
23	3231-25	Bolt, Carriage 3/8-16 x 1 1/4	2
24	109-5498-03	Baffle-Discharge	1
25	3230-1	Bolt, Carriage 5/16-18 x 3/4	2
26	104-8300	Nut, Nyloc 5/16-18 Flg	4
27	322-2	Screw, HH 5/16-18 x 5/8.....	2
28	1-413093	Belt-V, B	1
29	116-2828-01	Cover, Belt.....	1
30	32144-70	Screw, HWH 5/16-18 x 3/4 TF	2

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).

● Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N 116-1108

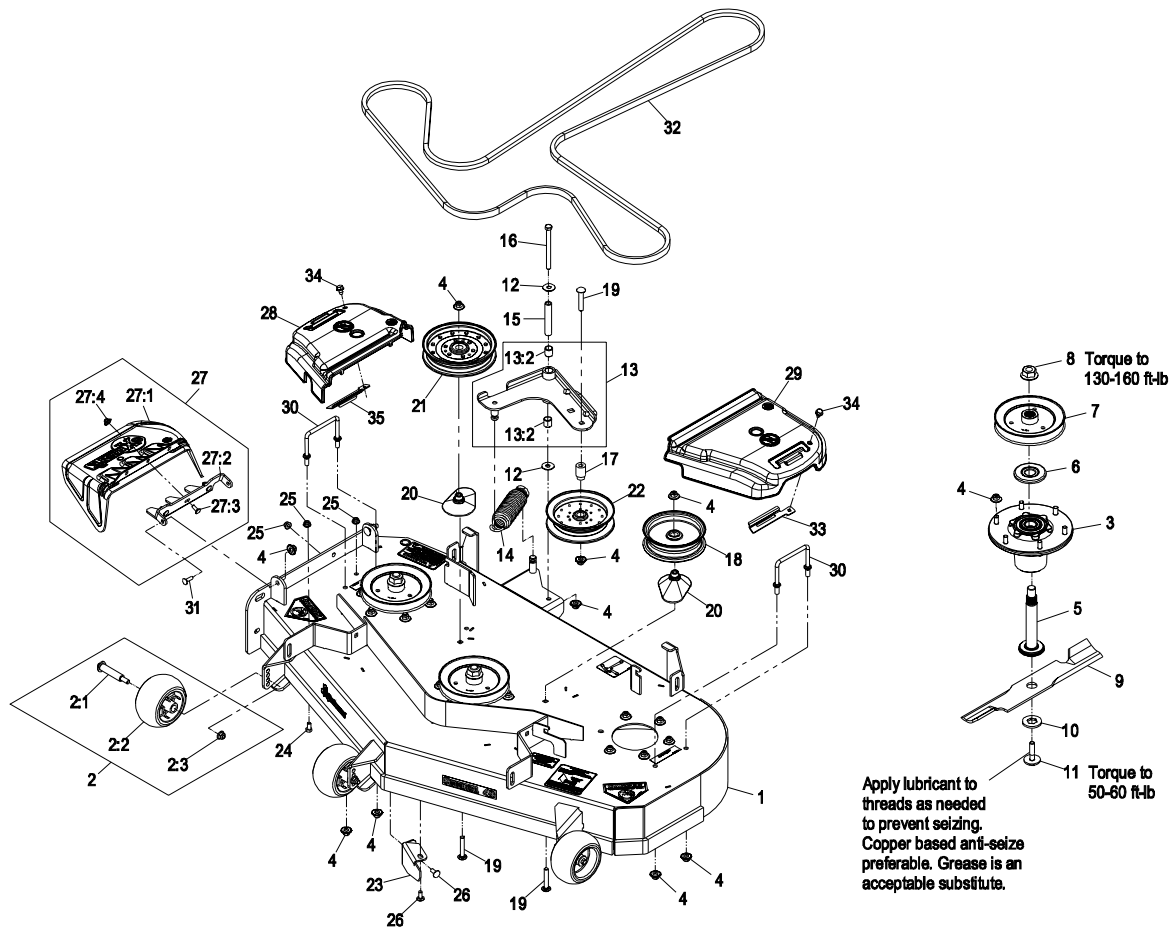
44" DECK W/DECALS – 116-1021



Item	Part No.	Description	Qty.
2	98-5954	Decal-Cover, Missing	1
3	1-403005	Decal-Danger	2
4	1-303508	Decal-Warning, Discharge	1
5	1-523417	Decal, Commercial 44	1

Item	Part No.	Description	Qty.
6	1-303520	Decal, Trivantage.....	1
7	1-633922	Decal, Antiscalp	1
8	109-3148	Decal, Bolt Torque	1
9	109-6014	Decal-Belt Routing.....	1

48" DECK GROUP



Item	Part No.	Description	Qty.
1	116-1067	Deck Asm-W/Decals, 48.....	1
2	109-6388	Anti-Scalp Roller Kit.....	3
2:1	112-3977	Bolt, Wheel.....	2
2:2	1-603299	Roller, Anti-Scalp.....	2
2:3	104-8301	Nut, Nyloc 3/8-16 Flg.....	2
3	116-0379	Asm, Cutter Housing W/Bearings.....	3
4	109-6658	Nut, Nyloc 3/8-16 Flg.....	28
5	116-0381	Spindle, Hex Pilot 5.5" Deck.....	3
6	116-1286	Guard, Bearing Top.....	3
7	116-3049	Sheave, Blade Drive 5.90.....	3
8	104-0753	Nut, Hex 3/4-16 Flg Special.....	3
9	103-6401	Blade, Notched.....	3
	103-6381	Blade, Solid.....	3
●	109-6389	Blade, Mulch.....	3
	103-6396	Blade, Extreme.....	3
10	109-7429	Washer, Blade Drive.....	3
11	116-0005	Bolt, Blade Sem.....	3
12	52-2860	Washer.....	2
13	116-3248	Asm-Idler Arm W/Bearings.....	1
13:2	1-513034	Bearing, Sleeve.....	2
14	116-0133	Extension-Spring.....	1
15	103-0040	Bushing-Tightener, Pivot.....	1
16	323-23	Screw, HH 3/8-16 x 4-1/2.....	1

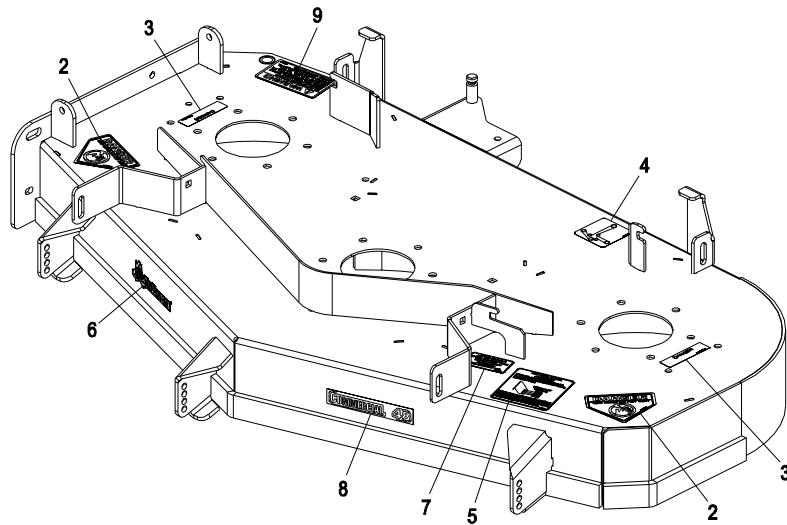
Item	Part No.	Description	Qty.
17	116-2980	Bushing, Idler.....	1
18	99-8912	Pulley-Idler, Flat.....	1
19	3231-40	Bolt, Carriage 3/8-16 x 2 1/4.....	3
20	109-2872	Spacer-Pulley.....	2
21	114-5895	Pulley-Idler, Flat.....	1
22	103-8743	Pulley-Idler, Flanged.....	1
23	116-0680-01	Baffle, Discharge 483.....	1
24	322-2	Screw, HH 5/16-18 x 5/8.....	1
25	104-8300	Nut, Nyloc 5/16-18 Flg.....	3
26	3230-23	Bolt, Carriage 5/16-18 x 3/4, short neck.....	2
27	109-7188	Asm, Discharge Chute.....	1
27:1	109-2738	Deflector, Discharge.....	1
27:2	109-8675-01	Bracket, Discharge Deflector.....	1
27:3	3231-22	Bolt, Carriage 3/8-16 x 1.....	3
27:4	109-6658	Nut, Nyloc 3/8-16 Flg.....	3
28	109-6935	Cover-Belt, RH.....	1
29	109-6936	Cover-Belt, LH.....	1
30	109-6982	Wireform-Cover.....	2
31	3231-25	Bolt, Carriage 3/8-16 x 1 1/4.....	2
32	116-3455	Belt-B154.88.....	1
33	116-2814-03	Retainer, Cover LH.....	1
34	9266934	Screw, HWH 5/16 x 1/2 TF.....	2
35	116-2813-03	Retainer, Cover RH.....	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).

- Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK483

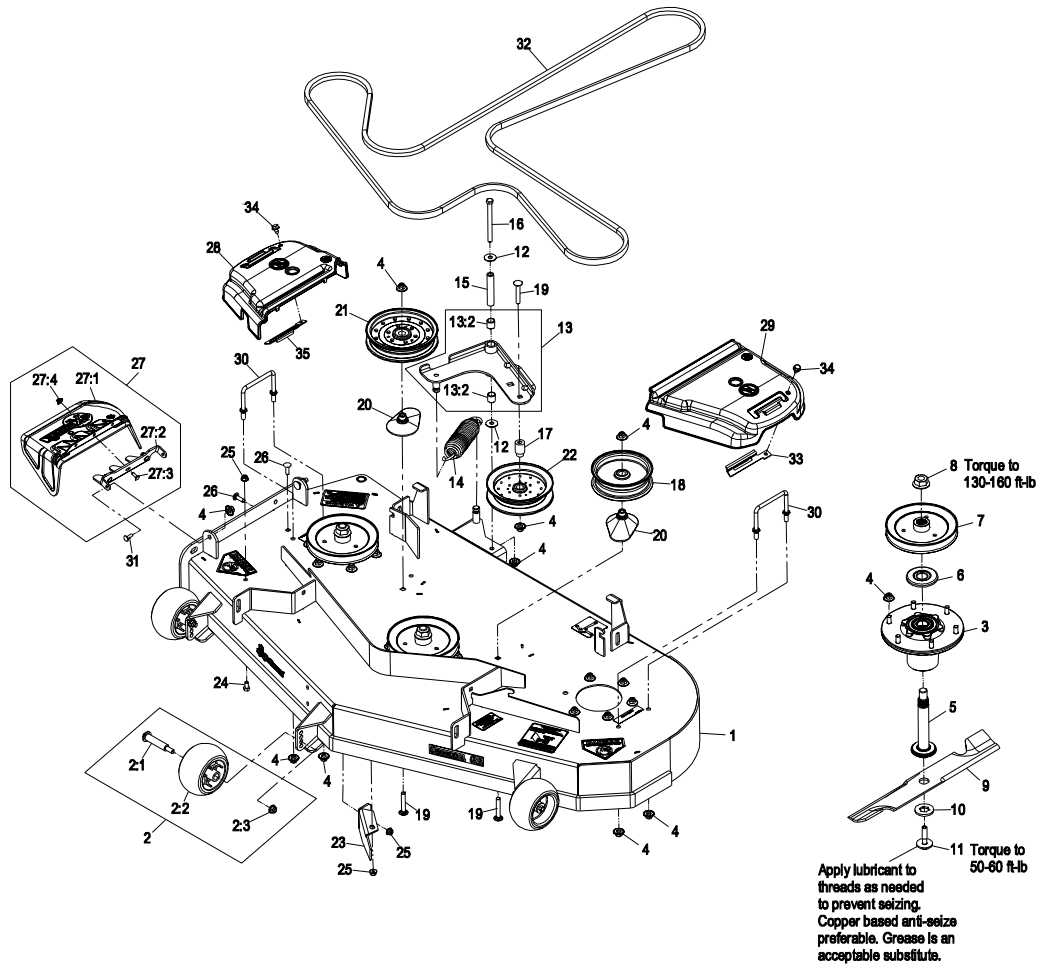
48" DECK W/DECALS – 116-1067



Item	Part No.	Description	Qty.
2	1-403005	Decal, Danger	2
3	98-5954	Decal, Cover, Missing	2
4	109-6035	Decal, Belt Routing	1
5	1-633922	Decal, Antiscalp	1

Item	Part No.	Description	Qty.
6	1-303520	Decal, Trivantage.....	1
7	109-3148	Decal, Bolt Torque	1
8	1-403131	Decal, Commercial 48.....	1
9	1-303508	Decal, Warning, Discharge	1

52" DECK GROUP



Item	Part No.	Description	Qty.
1	116-1068	Deck Asm-W/Decals, 52.....	1
2	109-6388	Anti-Scalp Roller Kit.....	3
2:1	112-3977	Bolt, Wheel	2
2:2	1-603299	Roller, Anti-Scalp	2
2:3	104-8301	Nut, Nyloc 3/8-16 Flg.....	2
3	116-0379	Asm, Cutter Housing W/Bearings	3
4	109-6658	Nut, Nyloc 3/8-16 Flg.....	28
5	116-0381	Spindle, Hex Pilot 5.5" Deck	3
6	116-1286	Guard, Bearing Top	3
7	116-2770	Sheave, Blade Drive 6.50	3
8	104-0753	Nut, Hex 3/4-16 Flg Special	3
9	103-6402	Blade-Notched 18.0.....	3
●	103-6382	Blade, Solid	3
	109-6390	Blade, Mulch.....	3
	103-6397	Blade, Extreme.....	3
10	109-7429	Washer, Blade Drive.....	3
11	116-0005	Bolt, Blade Sem.....	3
12	52-2860	Washer.....	2
13	116-3248	Asm-Idler Arm W/Bearings	1
13:2	1-513034	Bearing, Sleeve	2
14	116-0133	Extension-Spring	1
15	103-0040	Bushing-Tightener, Pivot	1
16	323-23	Screw, HH 3/8-16 x 4-1/2.....	1

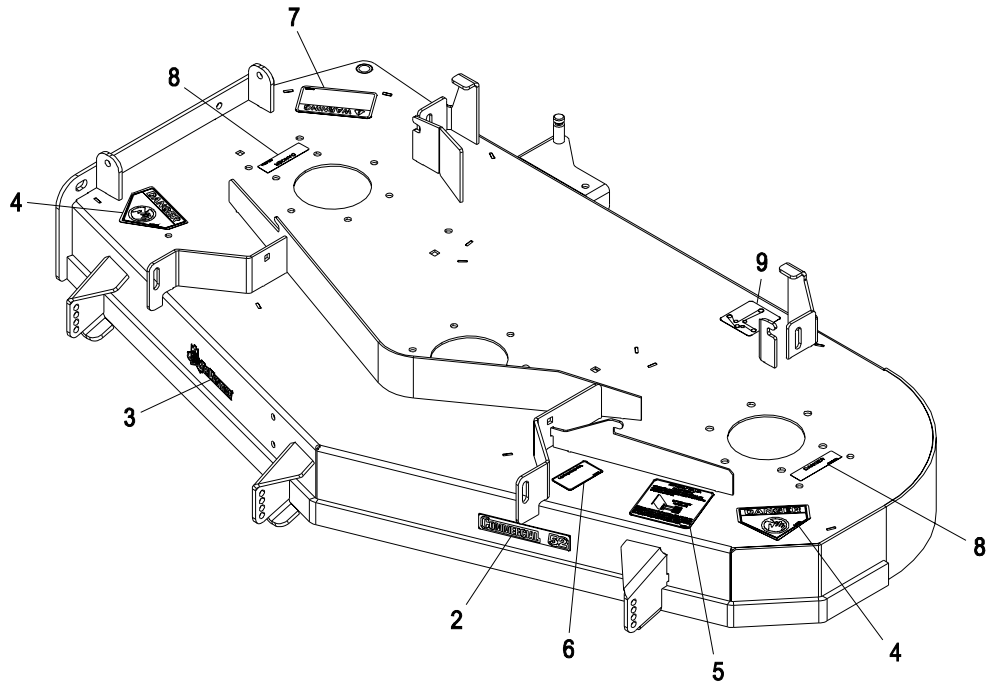
Item	Part No.	Description	Qty.
17	116-2980	Bushing, Idler	1
18	99-8912	Pulley-Idler, Flat	1
19	3231-40	Bolt, Carriage 3/8-16 x 2 1/4.....	3
20	109-2872	Spacer-Pulley.....	2
21	114-5895	Pulley-Idler, Flat 6"	1
22	103-8743	Pulley-Idler, Flanged 5"	1
23	109-9915-01	Baffle, Discharge 52/60 (Red)	1
24	322-2	Screw, HH 5/16-18 x 5/8	1
25	104-8300	Nut, Nyloc 5/16-18 Flg.....	3
26	3230-22	Bolt, Carriage 5/16-18 x 1 Sp	2
27	109-7188	Asm, Discharge Chute.....	1
27:1	109-2738	Deflector, Discharge	1
27:2	109-8675-01	Bracket, Discharge Deflector	1
27:3	3231-22	Bolt, Carriage 3/8-16 x 1.....	3
27:4	109-6658	Nut, Nyloc 3/8-16 Flg.....	3
28	109-6935	Cover-Belt, RH	1
29	109-6936	Cover-Belt, LH.....	1
30	109-6982	Wireform-Cover.....	2
31	3231-25	Bolt, Carriage 3/8-16 x 1 1/4.....	2
32	103-9273	Belt-B162.50	1
33	116-2814-03	Retainer, Cover LH.....	1
34	9266934	Screw, HWH 5/16 x 1/2 TF.....	2
35	116-2813-03	Retainer, Cover RH.....	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).

- Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK523.

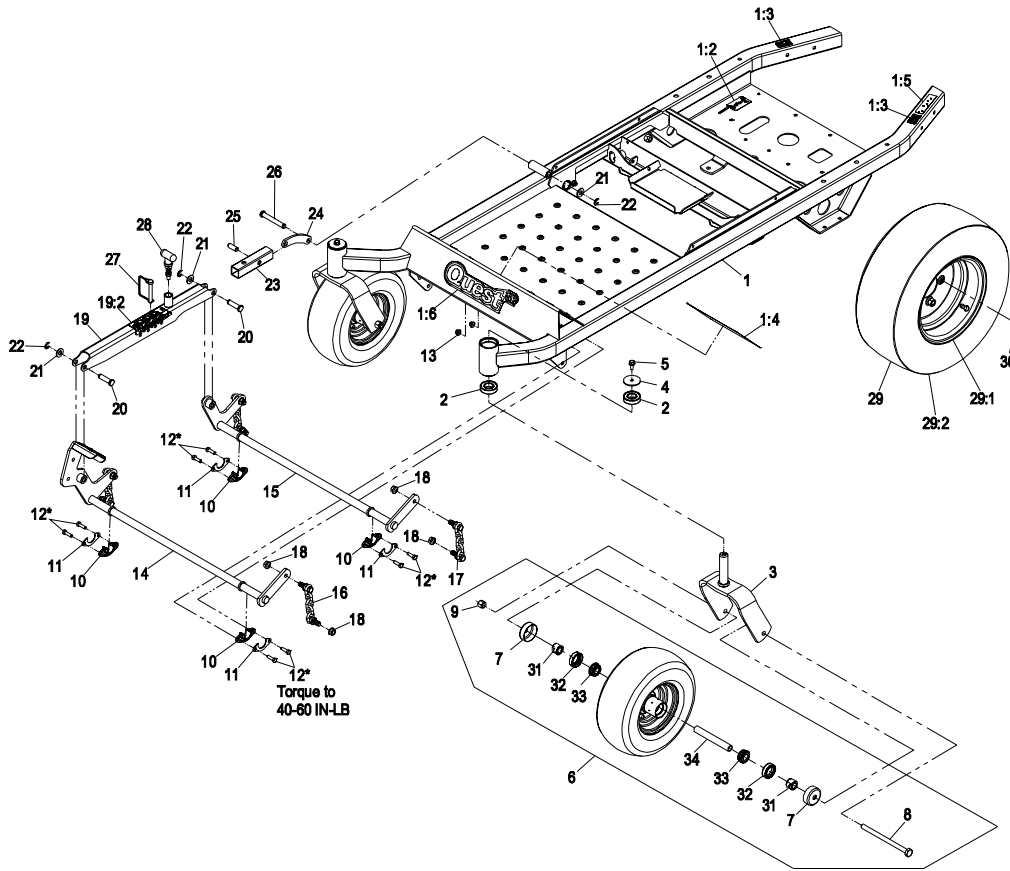
52" DECK W/DECALS – 116-1068



Item	Part No.	Description	Qty.
2	1-403132	Decal, Commercial 52.....	1
3	1-303520	Decal, Trivantage.....	1
4	1-403005	Decal-Danger.....	2
5	1-633922	Decal, Antiscalp	1

Item	Part No.	Description	Qty.
6	109-3148	Decal, Bolt Torque	1
7	1-303508	Decal-Warning, Discharge	1
8	98-5954	Decal-Cover, Missing.....	2
9	109-6035	Decal-Belt Routing.....	1

FRAME GROUP



Item	Part No.	Description	Qty.
1	116-0631	Asm-Frame W/ Decals (48" & 52")	1
	116-0946	Asm, Frame W/ Decals (44")	1
1:2	116-1121	Decal, Drive Release	2
1:3	103-2076	Decal, Caution Hot Surface	2
1:4	116-2834	Decal, Console	1
1:5	117-2718	Decal, Spark Arrester	1
1:6	116-2477	Decal, Quest SP	1
2	109-3678	Bearing, Ball	4
3	116-0611-01	Wld, Caster Fork (Red)	2
4	109-3724	Washer	2
5	3234-5	Screw, HH FLG 5/16-18 x 3/4	2
6	103-5189	Asm, Wheel And Bearing	2
7	103-2768	Guard, Seal	4
8	325-36	Screw, HH 1/2-13 x 7 1/2	2
9	3296-23	Nut, Nyloc 1/2-13	2
10	115-5065	Bushing-Flange	4
11	116-2887	Gusset- Deck Lift	4
12*	322-5	Screw, HH 5/16-18 x 1	8
13	104-8300	Nut, Nyloc 5/16-18 Flg	8
14	116-0713-03	Wld, Deck Lift Shaft Front	1
15	116-0718-03	Wld, Deck Lift Shaft Rear	1
16	103-9792	Deck Chain Asm	2
17	103-9817	Deck Chain Asm (44")	2
	103-9817	Deck Chain Asm (48" & 52")	4

Item	Part No.	Description	Qty.
18	32128-37	Nut, Whizlock 7/16-14	8
19	116-0372	Asm, Height Adjust W/ Decal	1
19:2	116-1118	Decal, Height of Cut	1
20	109-5819	Pin, Clevis	2
21	3256-26	Washer, 1/2 SAE	3
22	32120-47	Ring, Retaining	3
23	109-8755	Stop-Height Adjust	1
24	109-5814	Arm-Float Link	1
25	109-5818	Pin-Pivot	1
26	109-6172	Pin, Clevis	1
27	93-4696	Pin-Hitch	1
28	109-6177	Pin-Spring	1
29	116-2298	Wheel And Tire Asm-20X7-10 (44" & 48")	2
	116-2761	Wheel And Tire Asm-20 X 10 (52")	2
29:1	116-2299	Wheel (44" & 48")	1
	116-2762	Wheel (52")	1
29:2	116-2300	Tire (44" & 48")	1
	116-2763	Tire (52")	1
30	242-50	Nut, Lug 1/2-20	8
31+	103-3051	Spacer, Nut	4
32	103-0063	Seal, Bearing	4
33	1-633585	Bearing, Cone	4
34	103-3155	Axle, Caster	2

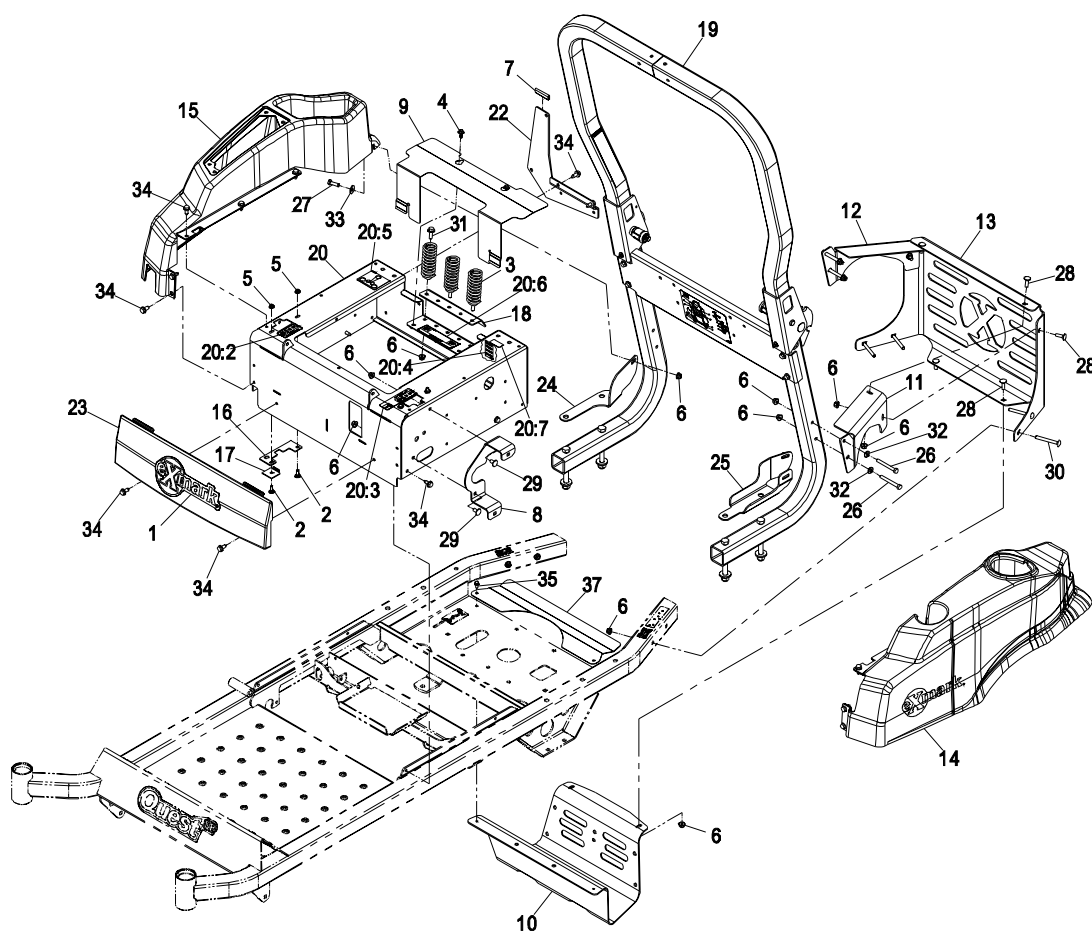
Exmark black touch up spray paint – gloss black.

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

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

* Torque to 40-60 in-lb

FRAME GROUP (cont.)



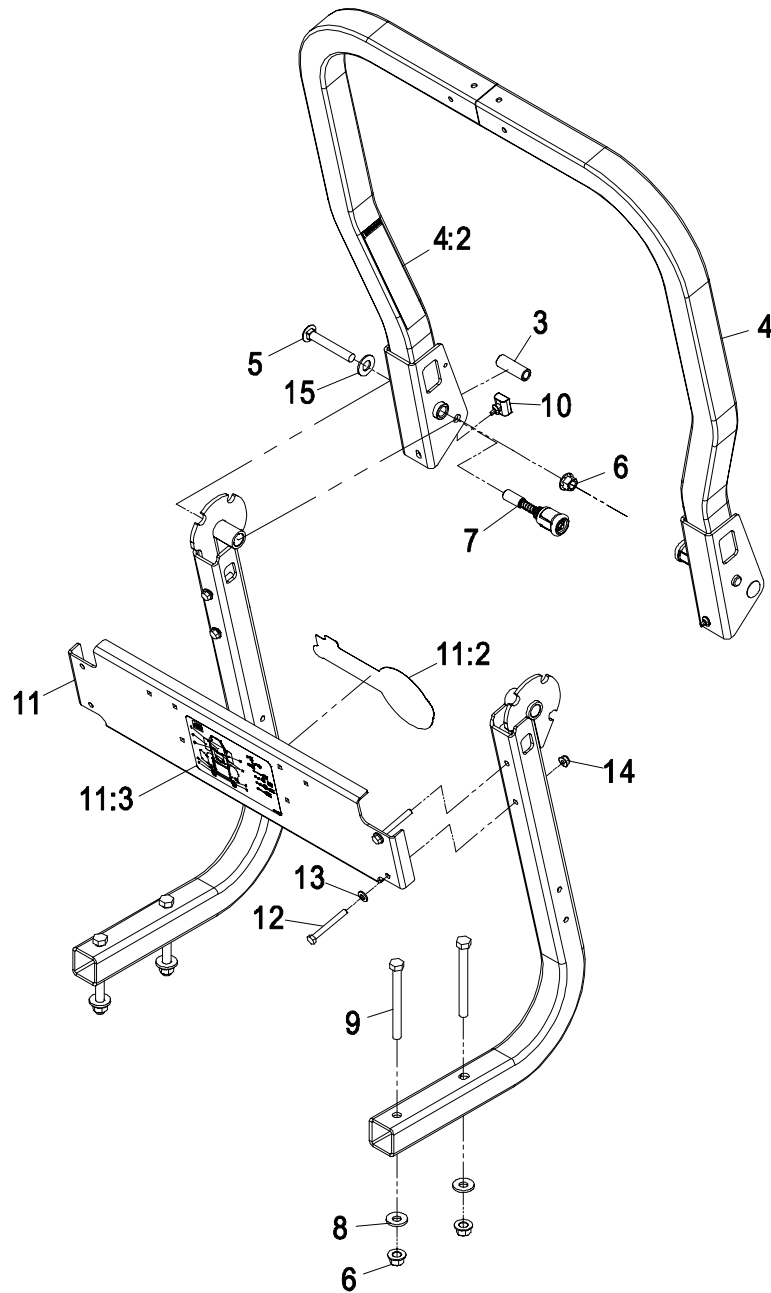
Item	Part No.	Description	Qty.
1	1-653546	Decal, Exmark Logo.....	1
2	1-807512	Bolt, Carriage 1/4-20 x 3/4, short neck	4
3	92-7054	Spring-Compression	3
4	99-6810	Screw, HH 1/4-20 x 5/8	2
5	104-7201	Nut, Nyloc 1/4-20 Flg	4
6	104-8300	Nut, Nyloc 5/16-18 Flg	21
7	109-2985	Trim	1
8	109-6045-03	Bracket-Tank Mount (Black).....	1
9	109-6190-03	Cover-Hydro Fan (Black).....	1
10	116-2961-03	Guard-Muffler (Black).....	1
11	116-0596-03	Panel-Side Styling, LH (Black)	1
12	116-0597-03	Panel, Side Styling RH (Black)	1
13	116-0598-03	Panel-Styling, Rear (Black)	1
14	116-0828	Fender, Exmark LH	1
15	116-0829	Fender, Exmark RH	1
16	116-0834	Plate, Neutral	2
17	116-0835	Plate, Tracking	2
18	116-0871	Catch, Seat Latch	1
19	116-0956	Asm, ROPS	1
20	116-1134	Seat Box Asm-W/ Decals	1
20:2	109-9182	Decal, Motion Control.....	1

Item	Part No.	Description	Qty.
20:3	109-9173	Decal, Control Brake.....	1
20:4	116-1496	Decal, Fuse Block.....	1
20:5	109-6014	Decal, Belt Routing.....	1
20:6	116-1119	Decal, Belt Drive.....	1
20:7	103-3270	Decal, RPM	1
22	116-2470-03	Bracket, Fender Support (Black).....	1
23	116-2562	Panel-Front (Black).....	1
24	116-2607-03	Bracket, Cover RH (Black)	1
25	116-2608-03	Bracket, Cover LH (Black)	1
26	322-13	Screw, HH 5/16-18 x 2 3/4.....	4
27	322-5	Screw, HH 5/16-18 x 1.....	2
28	3230-2	Bolt, Carriage 5/16-18 x 1	6
29	3230-18	Bolt, Carriage 5/16-18 x 5/8	2
30	3230-9	Bolt, Carriage 5/16-18 x 2 3/4	4
31	3234-29	Screw, HH FLG 5/16-18 x 1.....	3
32	1-303334	Washer, Spring Disc 5/16	4
33	3256-3	Washer, 5/16 Std.....	2
34	32144-70	Screw, HWH 5/16-18 x 3/4 TF	18
35	9266714	Screw, HWH 1/4-20 x .50	2
37	116-3231-03	Shield-Heat (Black).....	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).

ROPS ASSEMBLY – 116-0956



Item	Part No.	Description	Qty.
3	109-6653	Spacer	2
4	116-1337	Upper Rops Asm- W/ Decal	1
4:2	107-2102	Decal, Warning Folding ROPS	1
5	3233-10	Bolt, Carriage 1/2-13 x 3 1/2	2
6	99-5107	Nut, Lock 1/2-13.....	6
7	116-0104	Spring Pin Asm	2
8	1-513435	Washer, Spring Disc 1/2.....	4
9	325-19	Screw, HH 1/2-13 x 5	4

Item	Part No.	Description	Qty.
10	109-5337	Bumper-Rops	2
11	116-1357	Antirack Brkt Asm W/ Decal.....	1
11:2	1-653546	Decal, Exmark Logo	1
11:3	109-6016	Decal, Service Aid	1
12	322-13	Screw, HH 5/16-18 x 2 3/4.....	4
13	1-303334	Washer, Spring Disc 5/16	4
14	104-8300	Nut, Nyloc 5/16-18 Flg.....	4
15	3256-27	Washer, 5/8 SAE	2

This diagram is an exploded view of a mechanical assembly, showing various components and their assembly relationships. The parts are numbered as follows:

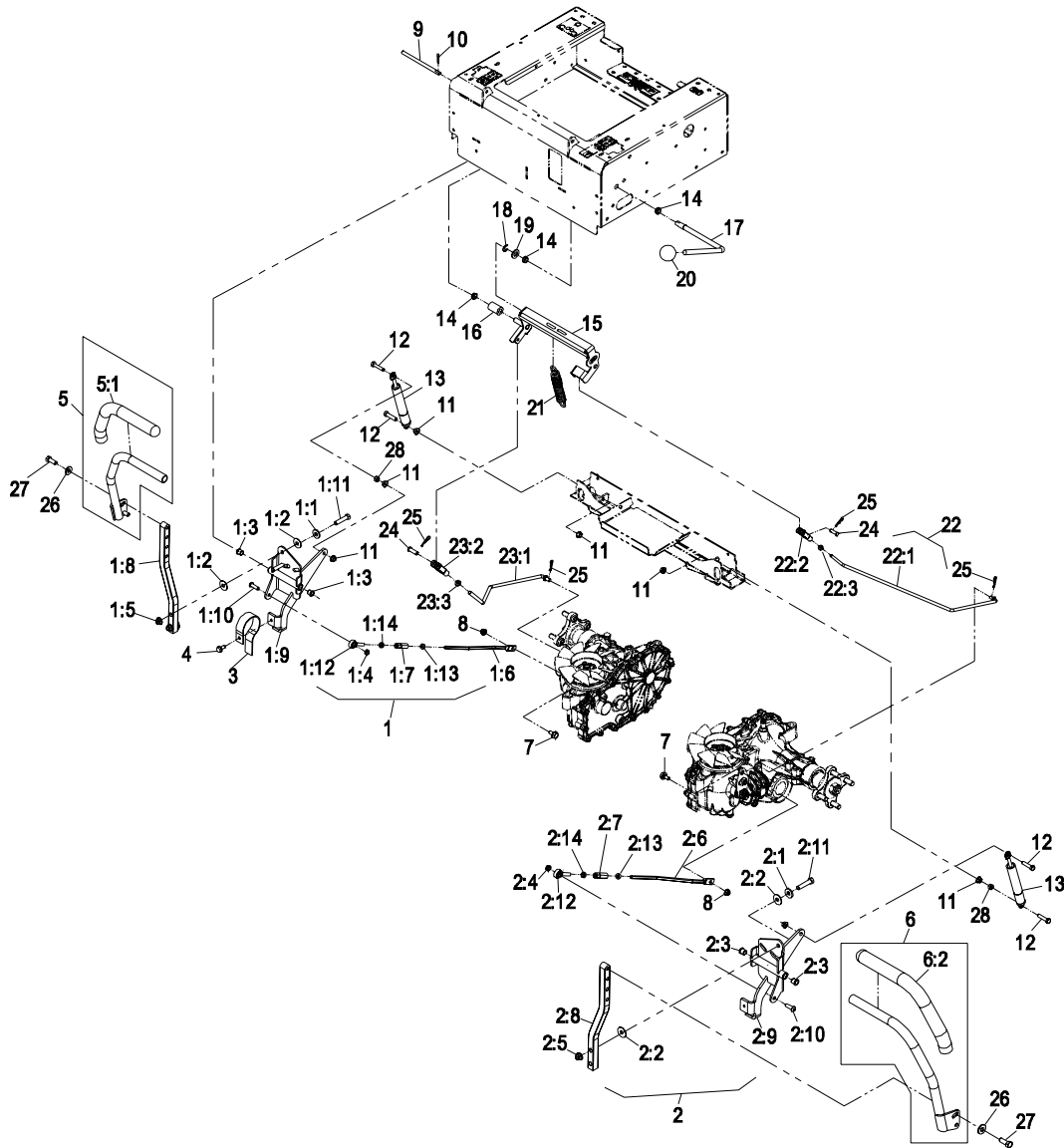
- Top Housing/Frame:** 9, 10, 14, 17, 18, 19, 20
- Internal Components:** 11, 12, 13, 14, 15, 16, 21
- Left Side Assembly (Group 1):** 1, 1:1, 1:2, 1:3, 1:4, 1:5, 1:6, 1:7, 1:8, 1:9, 1:10, 1:11, 1:12, 1:13, 1:14, 2, 2:1, 2:2, 2:3, 2:4, 2:5, 2:6, 2:7, 2:8, 2:9, 2:10, 2:11, 2:12, 2:13, 2:14
- Right Side Assembly (Group 2):** 22, 22:1, 22:2, 22:3, 23, 23:1, 23:2, 23:3, 24, 25, 26, 27
- Other Components:** 3, 4, 5, 5:1, 6, 6:2, 7, 8

Dashed lines indicate the assembly paths and alignment of the parts. The diagram shows a complex arrangement of mechanical components, including what appears to be a pump or motor assembly (7) and various structural frames (1, 2).

Item	Part No.	Description	Qty.
1		Asm, Motion Control RH.....	1
1:1	5-0838	Washer	2
1:2	52-2900	Washer-Poly	4
1:3	103-9928	Bearing	2
1:4	3296-47	Nut, Nyloc 5/16-18 Thin.....	1
1:5	104-8301	Nut, Nyloc 3/8-16 Flg	2
1:6	116-2543	Link, Motion Control	1
1:7	109-3728	Nut, Rod Adjustment	1
1:8	116-2726	Arm, Motion Control	1
1:9	116-2688	Asm, Motion Control Pivot LH	1
1:10	3274-104	Screw, Button Head 5/16-18 X 1	1
1:11	323-9	Screw, HH 3/8-16 x 1 3/4	2
1:12	2411-53	Balljoint LH.....	1
1:13	3220-2	Nut, Jam 5/16-24	1
1:14	3220-20	Nut, Jam 5/16-24	1
2		Asm, Motion Control LH	1
2:1	5-0838	Washer	2

Item	Part No.	Description	Qty.
2:2	52-2900	Washer-Poly	4
2:3	103-9928	Bearing	2
2:4	3296-47	Nut, Nyloc 5/16-18 Thin	1
2:5	104-8301	Nut, Nyloc 3/8-16 Flg	2
2:6	116-2543	Link, Motion Control.....	1
2:7	109-3728	Nut, Rod Adjustment.....	1
2:8	116-2726	Arm, Motion Control.....	1
2:9	116-2689	Asm, Motion Control Pivot RH	1
2:10	3274-104	Screw, Button Head 5/16-18 X 1.....	1
2:11	323-9	Screw, HH 3/8-16 x 1 3/4.....	2
2:12	2411-53	Balljoint LH	1
2:13	3220-2	Nut, Jam 5/16-24	1
2:14	3220-20	Nut, Jam 5/16-24	1
3	109-5575	Spring-Leaf (Rtn)	2
4	32144-70	Screw, HWH 5/16-18 x 3/4 TF	2
5	117-5339	Asm, RH Control Handle.....	1

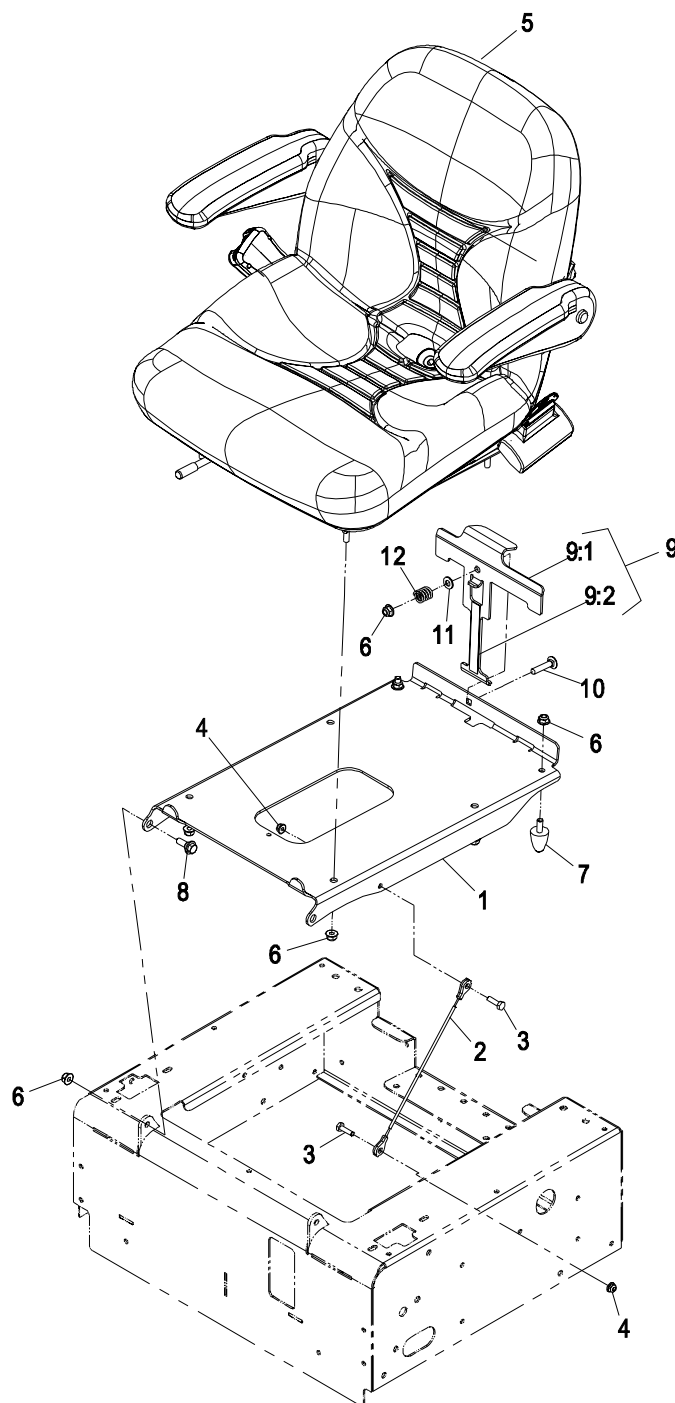
MOTION CONTROL GROUP (cont.)



Item	Part No.	Description	Qty.
6	117-5338	Handle Asm, LH.....	1
	108-6187	Grip, Control Lever.....	1
7	117-5339	Handle Asm, RH	1
	108-6187	Grip, Control Lever.....	1
8	104-8300	Nut, Nyloc 5/16-18 Flg	2
9	109-3705	Pin-Control Pivot	2
10	3272-10	Pin, Cotter 1/8 x 3/4	2
11	32128-20	Nut, Whizlock 5/16-18	8
12	1-403180	Screw, HH 5/16-18 x 1 1/4 Sp.....	4
13	109-5957	Damper-Motion Control.....	2
14	116-1393	Bushing, Snap.....	3
15	116-1177	Wld, Brake Center Arm	1
16	109-5010	Spacer	1

Item	Part No.	Description	Qty.
17	116-1169	Handle, Brake.....	1
18	32120-47	Ring, Retaining	1
19	106-9888	Washer-Flat	1
20	233-48	Knob	1
21	88-6130	Spring-Deck, Engagement.....	1
22	116-1165	Brake Linkage Asm-LH	1
23	116-1166	Brake Linkage Asm-RH	1
24	1-808280	Pin, Clevis 5/16 x 1 49/64	2
25	1-806003	Hairpin, Cotter	4
26	98-5975	Washer, Spring Disc 3/8	4
27	323-6	Screw, HH 3/8-16 x 1.....	4
28	3217-6	Nut, Hex 5/16-18.....	4

SEAT GROUP

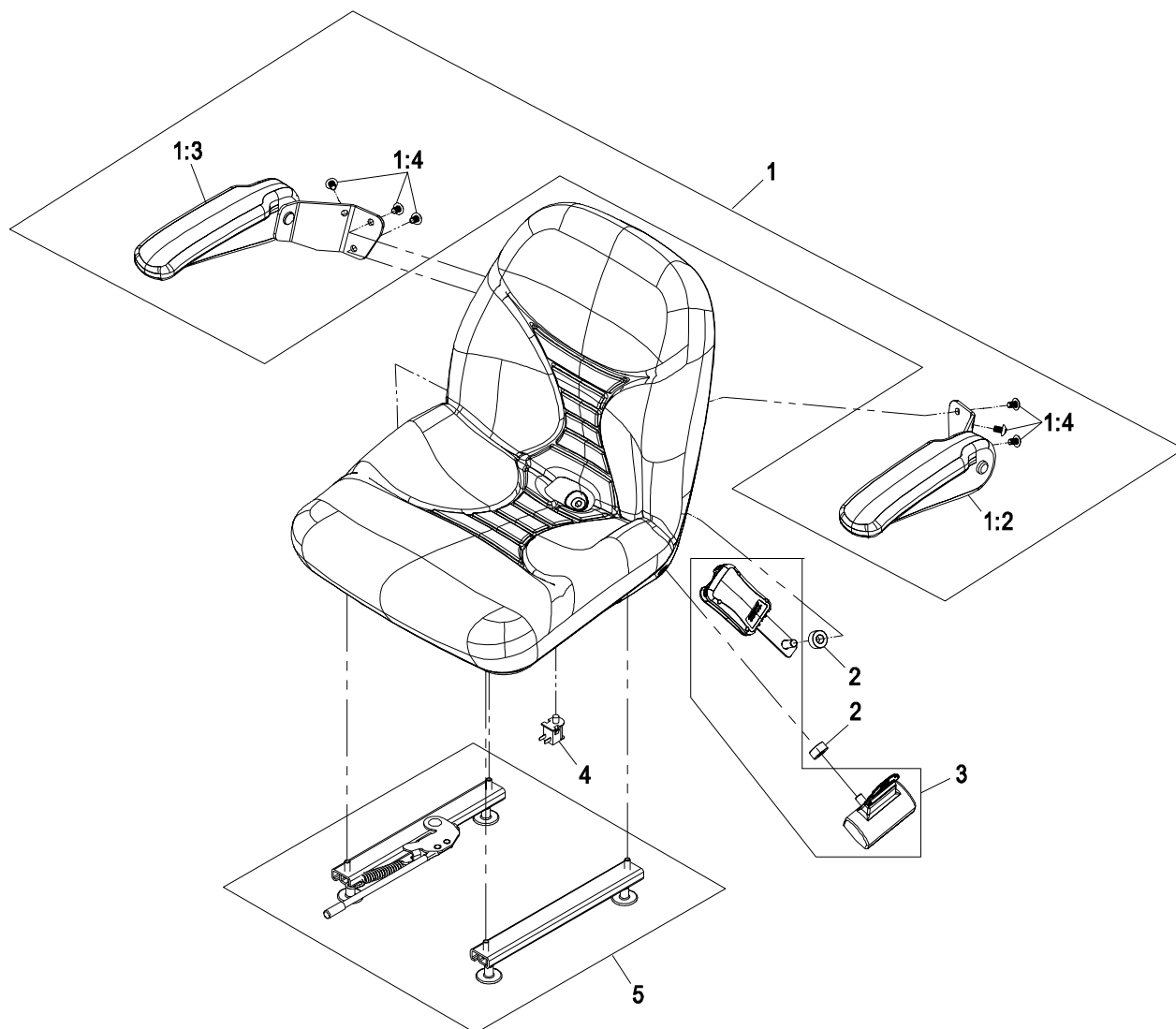


Item	Part No.	Description	Qty.
1	116-0869-03	Plate, Seat	1
2	109-2628	Cable-Stop, Seat.....	1
3	321-5	Screw, HH 1/4-20 x 7/8	2
4	104-7201	Nut, Nyloc 1/4-20 Flg	2
5	116-2943	Asm- Service Seat	1
6	104-8300	Nut, Nyloc 5/16-18 Flg	9
7	103-9376	Bumper-Seat.....	2

Item	Part No.	Description	Qty.
8	116-1297	Screw, Shoulder	2
9	116-3121	Asm-Seat Latch	1
9:1	116-0870	Latch, Seat	1
9:2	116-3120	Strip, Poly wear.....	1
10	3230-4	Bolt, Carriage 5/16-18 x 1 1/2	1
11	3256-23	Washer, 5/16 SAE	1
12	107-3017	Spring-Compression.....	1

Exmark black touch up spray paint – gloss black.

SEAT W/TRACKS ASSEMBLY – 116-2943

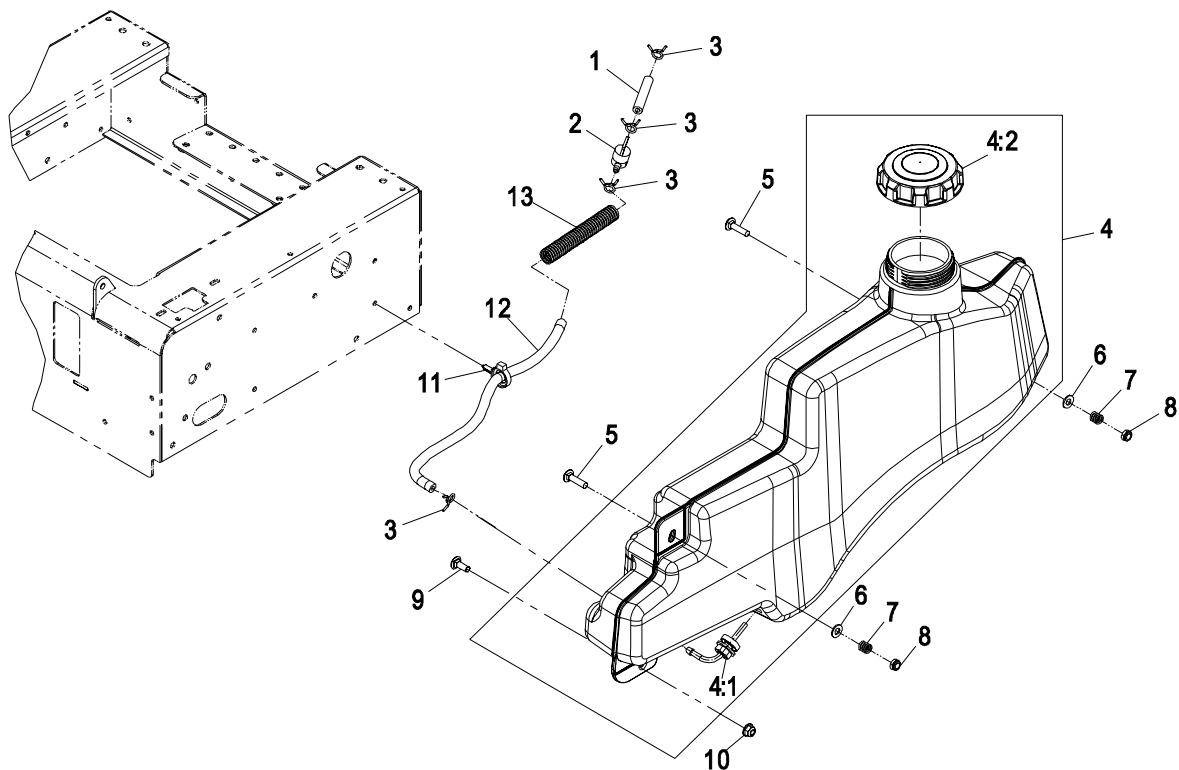


Item	Part No.	Description	Qty.
1	108-6163	Kit, Armrest	1
1:2	110-6569	Kit, Armrest LH.....	1
1:3	110-6570	Kit, Armrest RH.....	1
1:4	108-6179	Screw, Button Head 5/16-18 x 1/2.....	6

Item	Part No.	Description	Qty.
2	116-0882	Spacer	2
3♦	109-9805	Kit, Seatbelt	1
4	82-2190	Switch, Bail	1
5	107-1880	Kit, Seat Tracks	1

♦ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on seatbelt screws

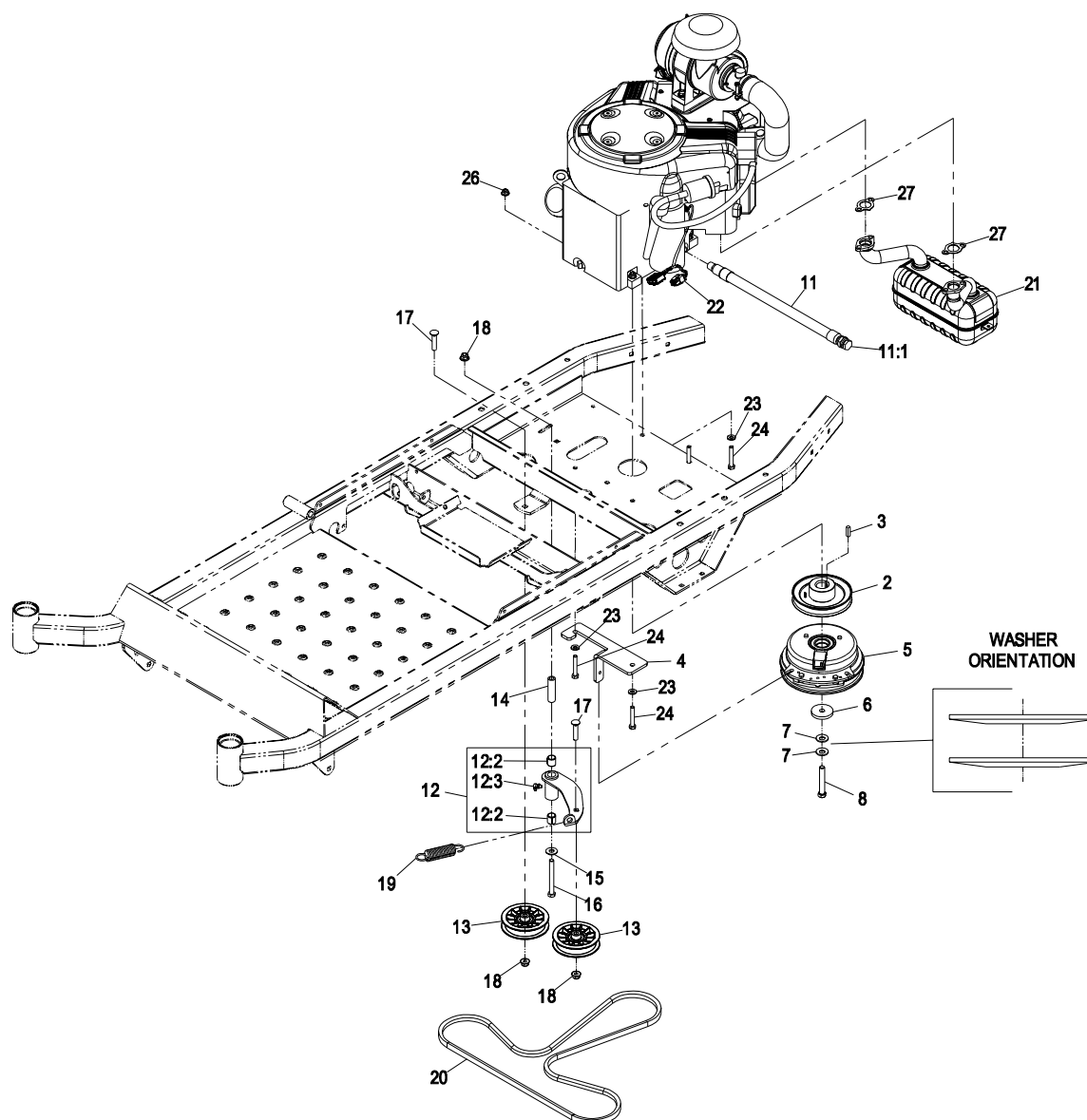
FUEL GROUP



Item	Part No.	Description	Qty.
1	109-0304	Hose, Fuel Line 2 1/2"	1
2	1-603770	Valve, Fuel.....	1
3	1-303077	Clamp, Fuel Line.....	4
4	109-5510	Asm, Fuel Tank.....	1
4:1	103-2605	Fitting, Fuel Bulkhead W/Strainer	1
	103-2784	O-Ring	1
4:2	109-0346	Cap, Fuel	1
5	3230-3	Bolt, Carriage 5/16-18 x 1 1/4.....	2

Item	Part No.	Description	Qty.
6	3256-23	Washer, 5/16 SAE	2
7	1-633349	Spring, Compression	2
8	3296-47	Nut, Nyloc 5/16-18 Thin	2
9	3230-16	Bolt, Carriage 5/16-18 x 7/8	1
10	104-8300	Nut, Nyloc 5/16-18 Flg	1
11	105-1853	Clamp-Hose (Hydro).....	1
12	109-0296	Hose, Fuel Line 15"	1
13	114-8224	Conduit-Fuel Line	1

ENGINE GROUP – 20HP BRIGGS & STRATTON



Item	Part No.	Description	Qty.
2	116-2742	Sheave, Pump Drive 1 In	1
3	1-807259	Key, Machine 1/4 x 1/4 x 1	1
4	116-2743-03	Anchor, Clutch	1
5	116-2983	Clutch, 200 Spot Brake 1.00	1
6	109-6919	Washer-Clutch	1
7	1-603610	Washer, Spring Disc 7/16.....	2
8♦	109-9761	Screw, HH 7/16-20 x 1 1/2 W/Loctite.....	1
11▼	116-0013	Oil Drain Hose Asm W/ Plug	1
11:1	109-1012	Plug	1
12	116-2934	Asm, Idler Arm	1
12:2	1-513034	Bearing, Sleeve.....	2
12:3	302-40	Zerk	1
13	116-2456	Pulley-Flat, 3.50 Dia.....	2

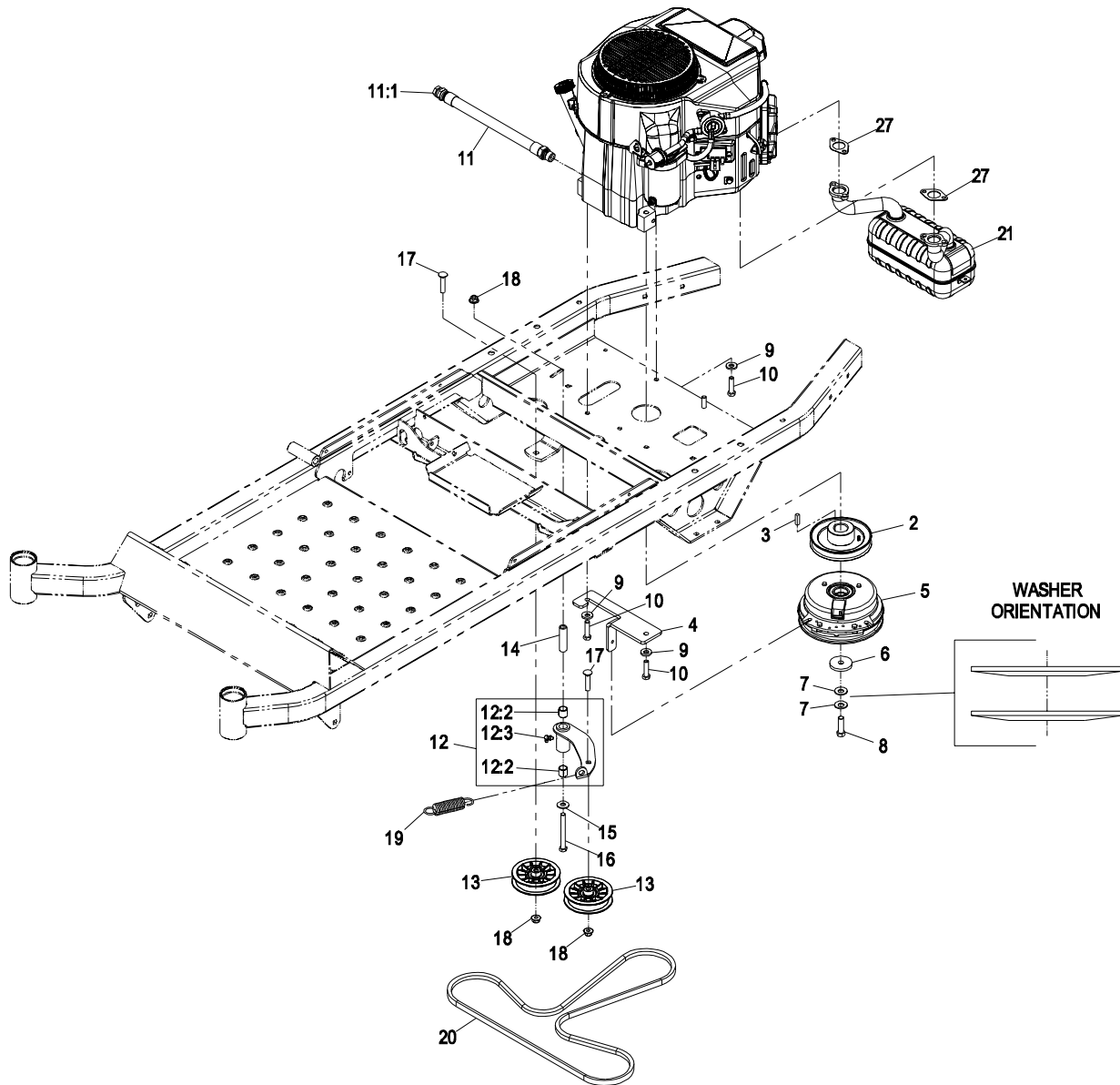
Item	Part No.	Description	Qty.
14	1-603384	Bushing-Pivot, Idler.....	1
15	3256-4	Washer, 3/8 Std.....	1
16	323-15	Screw, HH 3/8-16 x 3 1/2.....	1
17	3231-5	Bolt, Carriage 3/8-16 x 1 3/4	2
18	104-8301	Nut, Nyloc 3/8-16 Flg.....	3
19	1-603402	Spring-Extension	1
20	115-9613	V-Belt.....	1
21	116-2740	Muffler	1
22	116-1019	Harness, Adapter Briggs.....	1
23	1-303334	Washer, Spring Disc 5/16	4
24	322-10	Screw, HH 5/16-18 x 2.....	4
26	104-8300	Nut, Nyloc 5/16-18 Flg	4
27	103-8361	Gasket, Exhaust	2

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 clutch bolt.

ENGINE GROUP – 20-22HP KAWASAKI



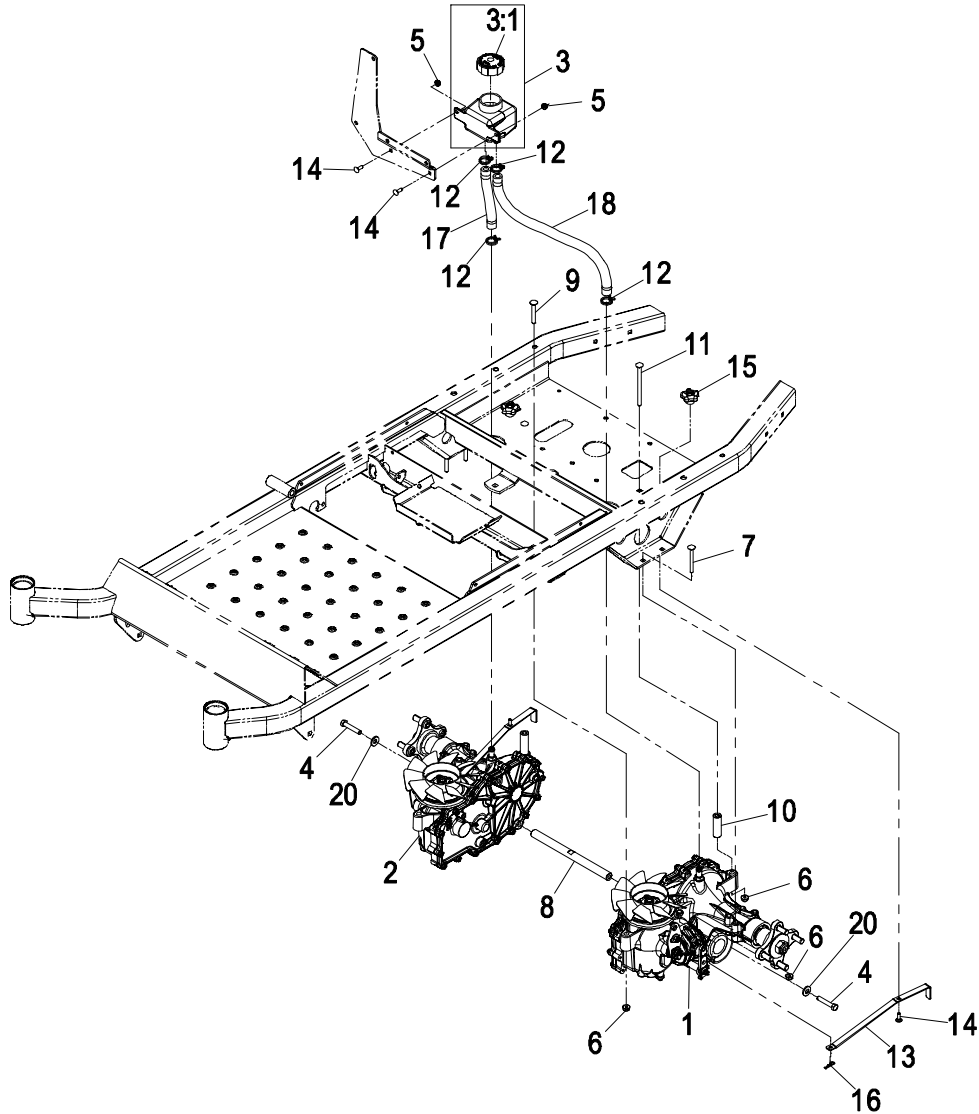
Item	Part No.	Description	Qty.
2	116-1946	Sheave, Pump Drive	1
3	1-807259	Key, Machine 1/4 x 1/4 x 1	1
4	116-2743-03	Anchor, Clutch	1
5	116-1604	Clutch, 200 Spot Brake 1.13	1
6	109-6919	Washer-Clutch	1
7	1-603610	Washer, Spring Disc 7/16.....	2
8♦	109-9761	Screw, HH 7/16-20 x 1 1/2 W/Loctite.....	1
9	98-5975	Washer, Spring Disc 3/8.....	4
10	323-8	Screw, HH 3/8-16 x 1 1/2	4
11	109-4490	Asm, Oil Drain Hose W/Plug	1
11:1	109-1012	Plug	1
12	116-2934	Asm, Idler Arm	1
12:2	1-513034	Bearing, Sleeve.....	2

Item	Part No.	Description	Qty.
12:3	302-40	Zerk	1
13	116-2456	Pulley-Flat, 3.50 Dia.....	2
14	1-603384	Bushing-Pivot, Idler.....	1
15	3256-4	Washer, 3/8 Std.....	1
16	323-15	Screw, HH 3/8-16 x 3 1/2.....	1
17	3231-5	Bolt, Carriage 3/8-16 x 1 3/4	2
18	104-8301	Nut, Nyloc 3/8-16 Fig.....	3
19	1-603402	Spring-Extension	1
20	115-9613	V-Belt.....	1
21	116-2450	Muffler, 20HP.....	1
	117-7256	Muffler, 22HP.....	1
27	1-653313	Gasket-Exhaust	2

Exmark black touch up spray paint – gloss black.

♦ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on clutch bolt.

TRANSAXLE GROUP

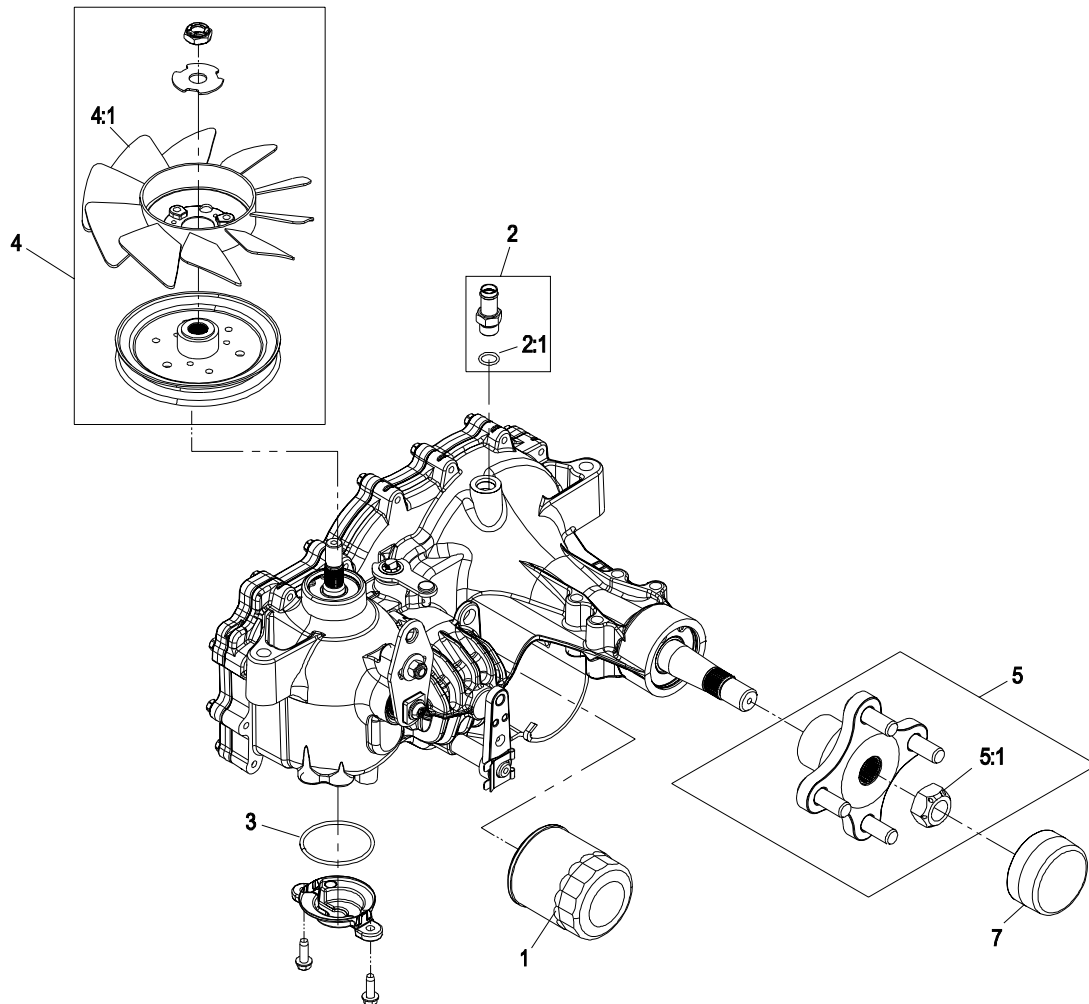


Item	Part No.	Description	Qty.
1	116-2488	Transaxle Asm (LH)	1
2	116-2489	Transaxle Asm (RH).....	1
3	109-2250	Vent, Tank, Hydro	1
3:1	109-3320	Cap	1
4	323-10	Screw, HH 3/8-16 x 2	2
5	104-7201	Nut, Nyloc 1/4-20 Flg	2
6	104-8300	Nut, Nyloc 5/16-18 Flg	8
7	3230-9	Bolt, Carriage 5/16-18 x 2 3/4.....	4
8	116-2052	Shaft, Spacer	1
9	3230-7	Bolt, Carriage 5/16-18 x 2 1/4.....	2

Item	Part No.	Description	Qty.
10	116-2803	Spacer-Hydro	2
11	3230-30	Bolt, Carriage 5/16-18 x 4 1/2	2
12	109-3322	Clamp, Hose.....	4
13	109-5395	Arm, Hydro Bypass.....	2
14	3229-1	Bolt, Carriage 1/4-20 x 3/4	4
15	108-6402	Knob, Handle.....	2
16	1-806003	Hairpin, Cotter	2
17	109-5577	Hose, Hydraulic	1
18	109-5578	Hose, Hydraulic	1
20	98-5975	Washer, Spring Disc 3/8	2

Exmark black touch up spray paint – gloss black.

TRANSAXLE ASSEMBLY



Item	Part No.	Description	Qty.
1	109-3321	Filter, Hydraulic.....	1
2	109-3278	Adapter, Straight.....	1
2:1	1-603921	O-Ring, SAE #6	1
3	109-3540	O-Ring, Charge Seal Cover (48" & 52" Only)	1
4	109-5938	Kit, Fan And Pulley.....	1

Item	Part No.	Description	Qty.
4:1	114-8453	Fan, Hydro.....	1
5	109-5939	Kit, Hub.....	1
5:1	109-3536	Nut, Hub	1
6■	109-3537	Kit, Complete Seal	1
7	115-5057	Cover, Nut	1

Note: The above numbers can be used on both right and left hand transaxle assemblies.

■ Not shown

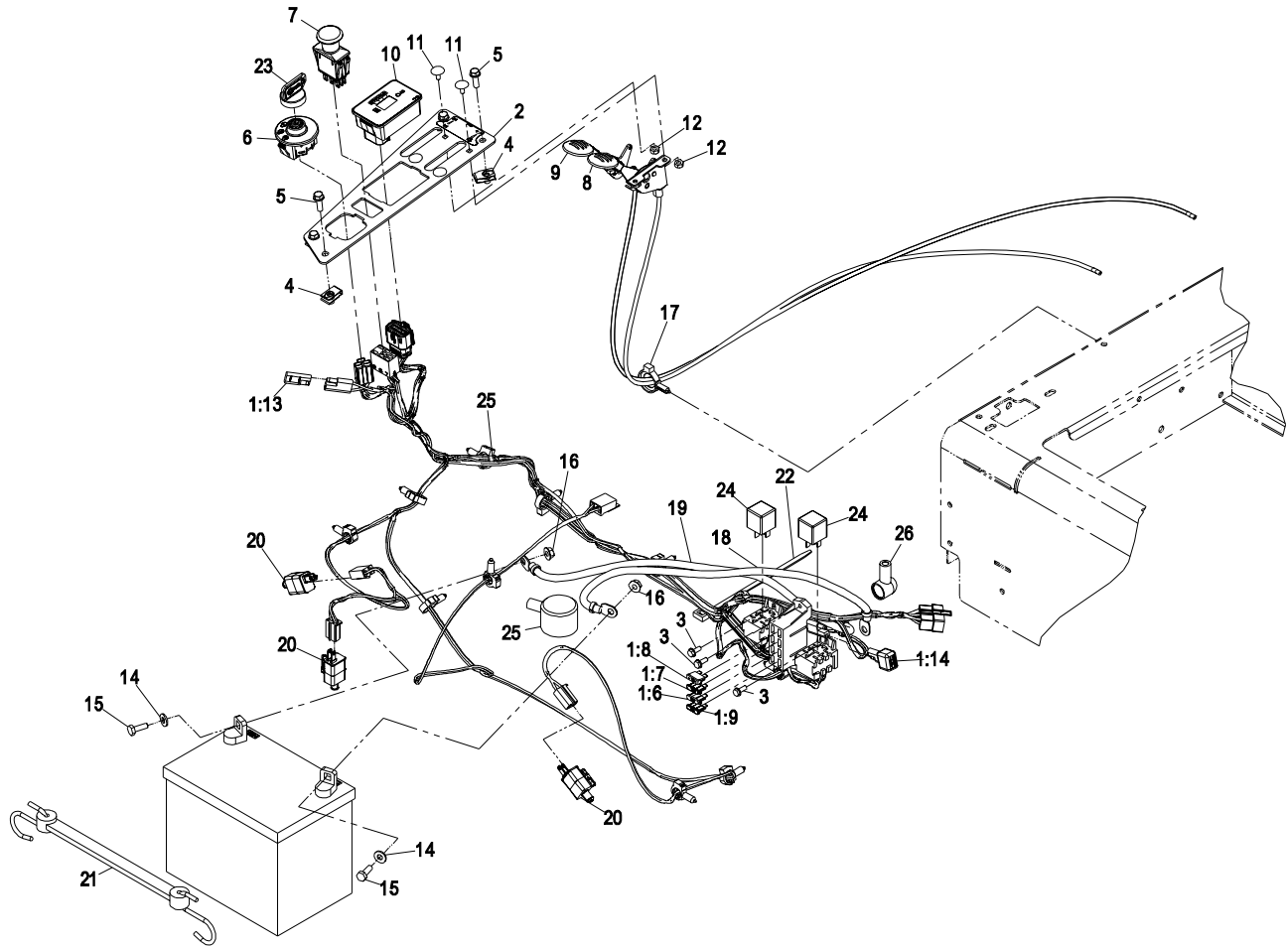
DECAL GROUP



Item	Part No.	Description	Qty.
1	116-2834	Decal, Console.....	1
2	1-403005	Decal, Danger.....	2
3	116-1119	Decal, Belt Drive.....	1
4	107-2102	Decal, Warning Folding ROPS.....	1
5	98-5954	Decal, Cover Missing.....	2
6	1-303508	Decal, Warning Discharge.....	1
7	103-2076	Decal, Caution Hot Surface.....	2
8	117-2718	Decal, Spark Arrester.....	1
9	109-6014	Decal, Belt Routing (44").....	2
	109-6014	Decal, Belt Routing (48" & 52").....	1
10	112-8651	Decal, Hour Meter.....	1
11	109-3148	Decal, Bolt Torque.....	1
12	116-2577	Decal, Throttle.....	1
13	103-3270	Decal, 3750 RPM.....	1

Item	Part No.	Description	Qty.
14	109-6016	Decal, Service Aid.....	1
15	1-633922	Decal, Anti-Scalp.....	1
16	109-9173	Decal, Control Brake.....	1
17	116-1118	Decal, Height of Cut.....	1
18	109-9182	Decal, Motion Control.....	1
19	116-1121	Decal, Drive Wheel Release.....	2
20	116-1496	Decal, Fuse.....	1
21	109-6035	Decal, Deck Belt Routing.....	1
22	1-303520	Decal, Trivantage.....	1
23	1-403132	Decal, Commercial 52.....	1
24	1-403131	Decal, Commercial 48.....	1
25	1-523417	Decal, Commercial 44.....	1
26	116-2477	Decal, Quest SP.....	1
27	1-653546	Decal, Exmark Logo.....	1

ELECTRICAL GROUP



Item	Part No.	Description	Qty.
1♦	116-3304	Asm, Harness.....	1
1:6	109102	Fuse, 25 Amp.....	1
1:7	1-816001	Fuse, 20 Amp.....	1
1:8	109355	Fuse, 15 Amp.....	1
1:9	218-578	Fuse-10 Amp	1
1:13	116-0053	Cap, Plug	1
1:14	109-9186	Diode, TVS.....	1
2	116-1015	Asm, Control Panel W/Decal	1
3	32144-1	Screw, HWH #10-24 x 1/2 Taptite.....	4
4	107069	Nut, Retainer-Panel 1/4-20	4
5	32105-15	Screw, Machine 1/4-20 x 3/4	4
6	117-2221	Switch-Ignition	1
7	103-5221	Switch, PTO	1
8	109-3987	Control-Throttle	1
9	109-8747	Control, Choke	1
10	112-8650	Hour Meter Asm	1
11	1-807513	Bolt, Carriage #10-24 x 1/2.....	4

Item	Part No.	Description	Qty.
12	3296-2	Nut, Nyloc #10-24	4
14	3256-22	Washer, 1/4 SAE.....	2
15	321-4	Screw, HH 1/4-20 x 3/4	2
16	32128-33	Nut, Whizlock 1/4-20	2
17	105-1853	Clamp-Hose (Hydro)	1
18	109-7621	Asm, Positive Battery Cable (Briggs & Stratton).....	1
	109-7653	Asm, Positive Battery Cable (Kawasaki)...	1
19	103-0705	Cable-Ground, Negative.....	1
20	110-6765	Switch-Single Pole No.....	3
21	104-2466	Holddown-Battery.....	1
22	1-303335	Tie, Cable 7 15/16 (Large).....	1
23	103-2106	Key, Exmark Logo	1
	1-603511	Key, Ignition	1
24	1-643275	Relay, 12VDC 40 Amp	2
25	109-2407	Insulator	1
26	1-543393	Insulator, Solenoid +	1

♦ Use dielectric grease on all wiring harness connectors

ACCESSORY

B A

ENGINE

1 2 3 4 5 6

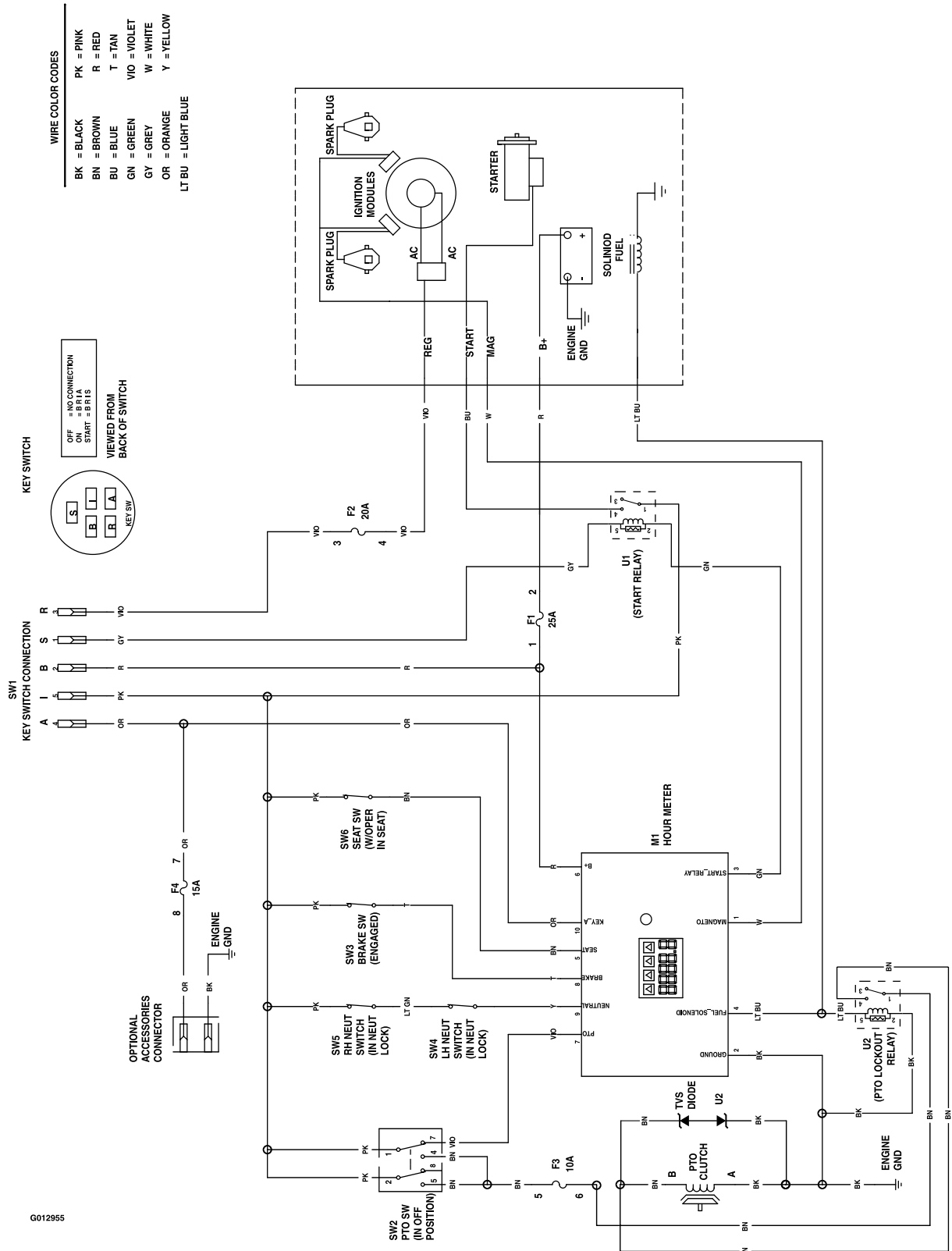
PTO LOCKOUT RELAY

1 2 3 4 5

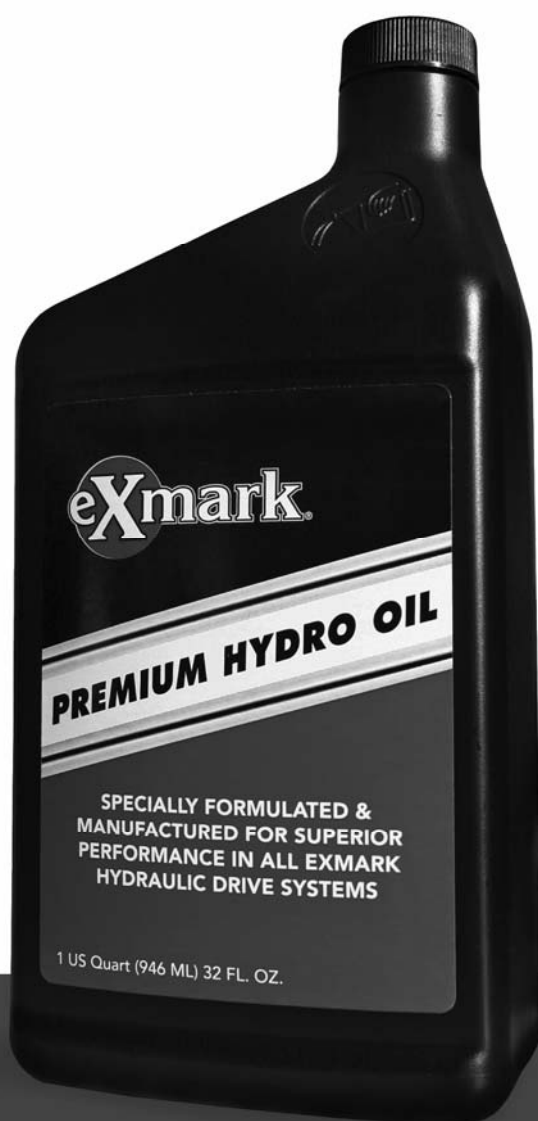
GROUND



ELECTRICAL LOGIC SCHEMATIC



NEW EXMARK PREMIUM HYDRO OIL



BENEFITS

- Designed & manufactured with superior anti-wear protection
- Superior thermal stability
- Consistent hydro performance
- Superior shear resistance under heavy loads
- Field tested & proven performance
- Twice the shear stability of competing oils
- Enhanced control performance
- Specially formulated for any Exmark hydraulic system

**NOW AVAILABLE
FOR PURCHASE**

Part No. 109-9828



SEE EXMARK'S COMPLETE LINE OF ACCESSORIES AND OPTIONS

MID-MOUNT RIDING ACCESSORIES AND OPTIONS

CUSTOM RIDE SEAT SUSPENSION SYSTEM	OPERATOR CONTROLLED DISCHARGE
FULL SUSPENSION SEAT	ROLL OVER PROTECTION SYSTEM (ROPS)
DECK LIFT ASSIST KIT	SUN SHADE
HITCH KIT	TRASH CONTAINER
LIGHT KIT	TURF STRIPER
12V POWER PORT	ULTRA VAC COLLECTION SYSTEM
MICRO-MULCH SYSTEM	ULTRA VAC QUICK DISPOSAL SYSTEM

OUT-FRONT RIDING ACCESSORIES AND OPTIONS

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

WALK-BEHIND ACCESSORIES AND OPTIONS

GRASS CATCHER	TURF STRIPER
MICRO-MULCH SYSTEM	STANDON

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

Model No. _____

Serial No. _____

Date Purchased _____

Engine Model No. and Spec. No. _____

Engine Serial No. (E/No) _____

© 2010 Exmark Mfg. Co., Inc.
Industrial Park Box 808
Beatrice, NE 68310
All Rights Reserved

Part No. 4500-583 Rev. C
(402) 223-6300
Fax (402) 223-5489
Printed In USA



www.exmark.com