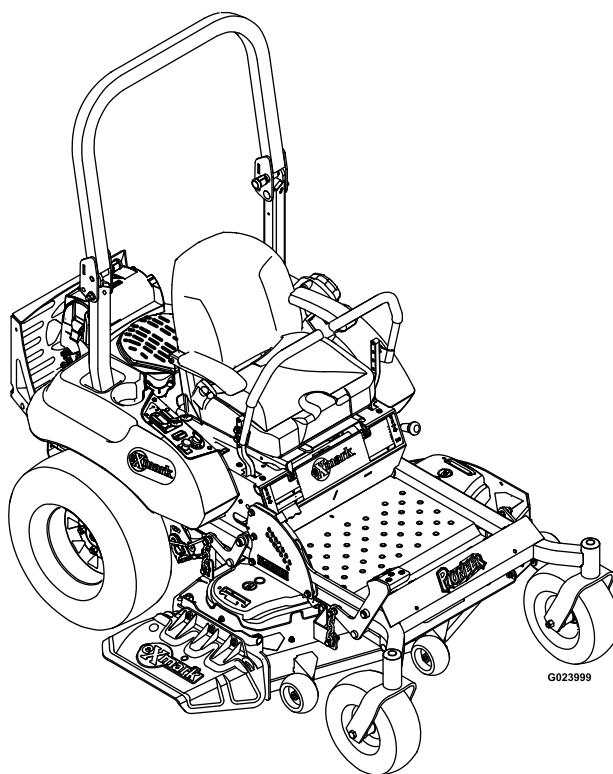




PIONEER® S-SERIES

Model No. PNS720GKC523A4—Serial No. 315000000 and Up

Picture below may not reflect actual product.



Parts Manual

Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustration and in parts lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

List of Abbreviations

AR: as required	HLH: hex lag head	PTH: phillips truss head
ASM: assembly	HOC: height-of-cut	PTO: power-take-off
BBC: blade brake control	HP: high pressure	RH: right hand
BHTF: button head thread forming	HSBH: hex socket button head	ROPS: roll-over protection system
CARR: carriage	HSFH: hex socket flat head	RRB: rear roller brush
CCW: counter clockwise	HSH: hex socket head	SFH: slotted fillister head
CW: clockwise	HWH: hex washer head	SHH: slotted hex head
DEG: degrees	HWHTF: hex washer head thread forming	SHWH: slotted hex washer head
DPA: Dual Point Adjustment	HYD: hydraulic	SPH: slotted pan head
ECM: electronic control module	LH: left hand	SQH: square head
EXT: external	LP: low pressure	SRH: slotted round head
FH: flat head	LPG: Liquefied Petroleum Gas	STD: standard
GA: gauge	NI: nylon insert	TAP: self tapping
HD: heavy-duty	NPTF: national pipe thread fine	TTH: torx truss head
HF: hex flange	PFH: phillips flat head	
HH: hex head	PPH: phillips pan head	
HHF: hex head flange	PPHTF: phillips pan head thread forming	
HHFTF: hex head flange thread forming	PRH: phillips round head	
HJ: hex jam		

Touch Up Paint

Exmark black touch up spray paint – gloss black.

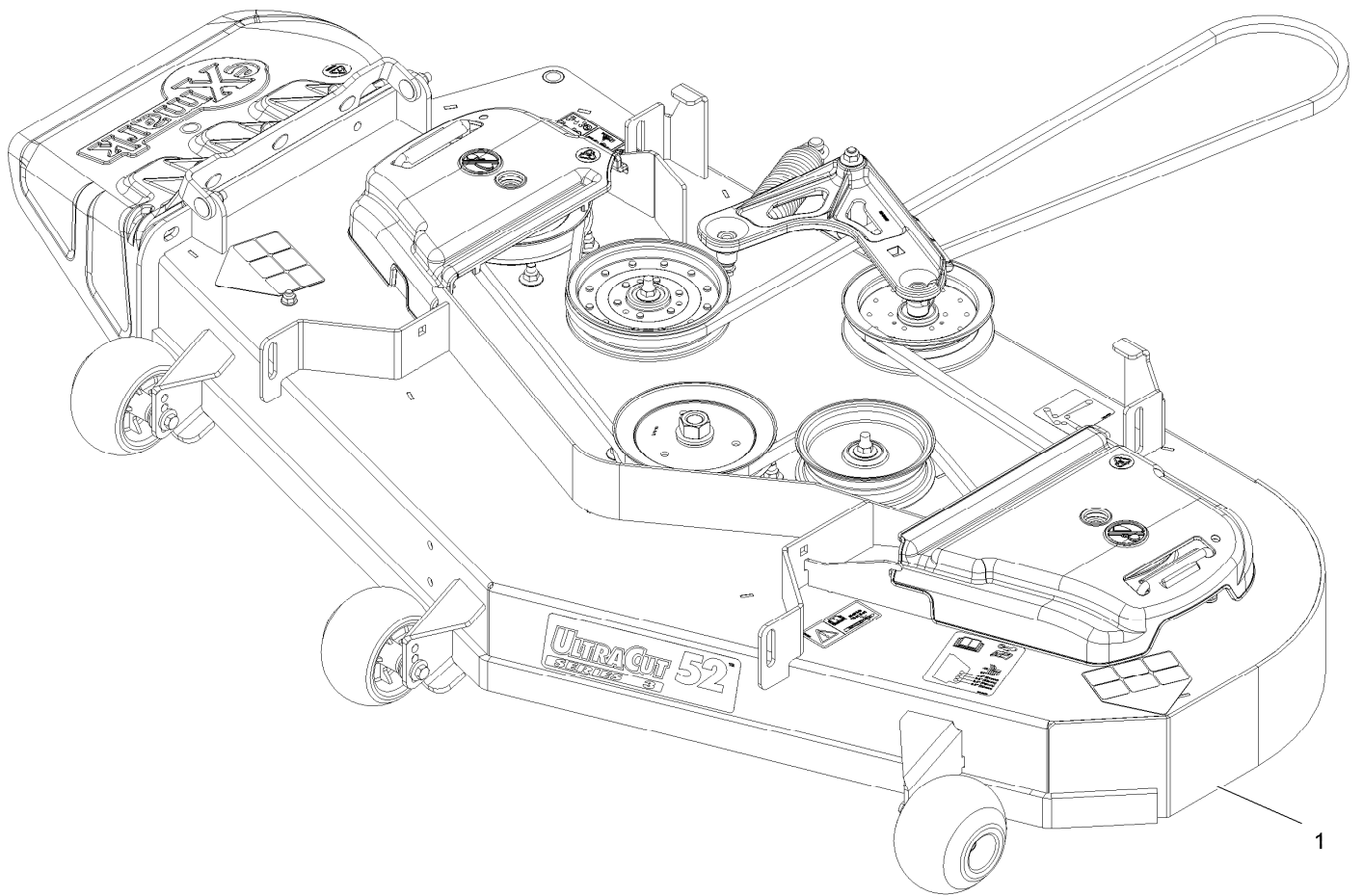
Exmark red touch up paint (spray paint – P/N 1-850337 - .6 oz liquid bottle – P/N 103-9140).



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.)

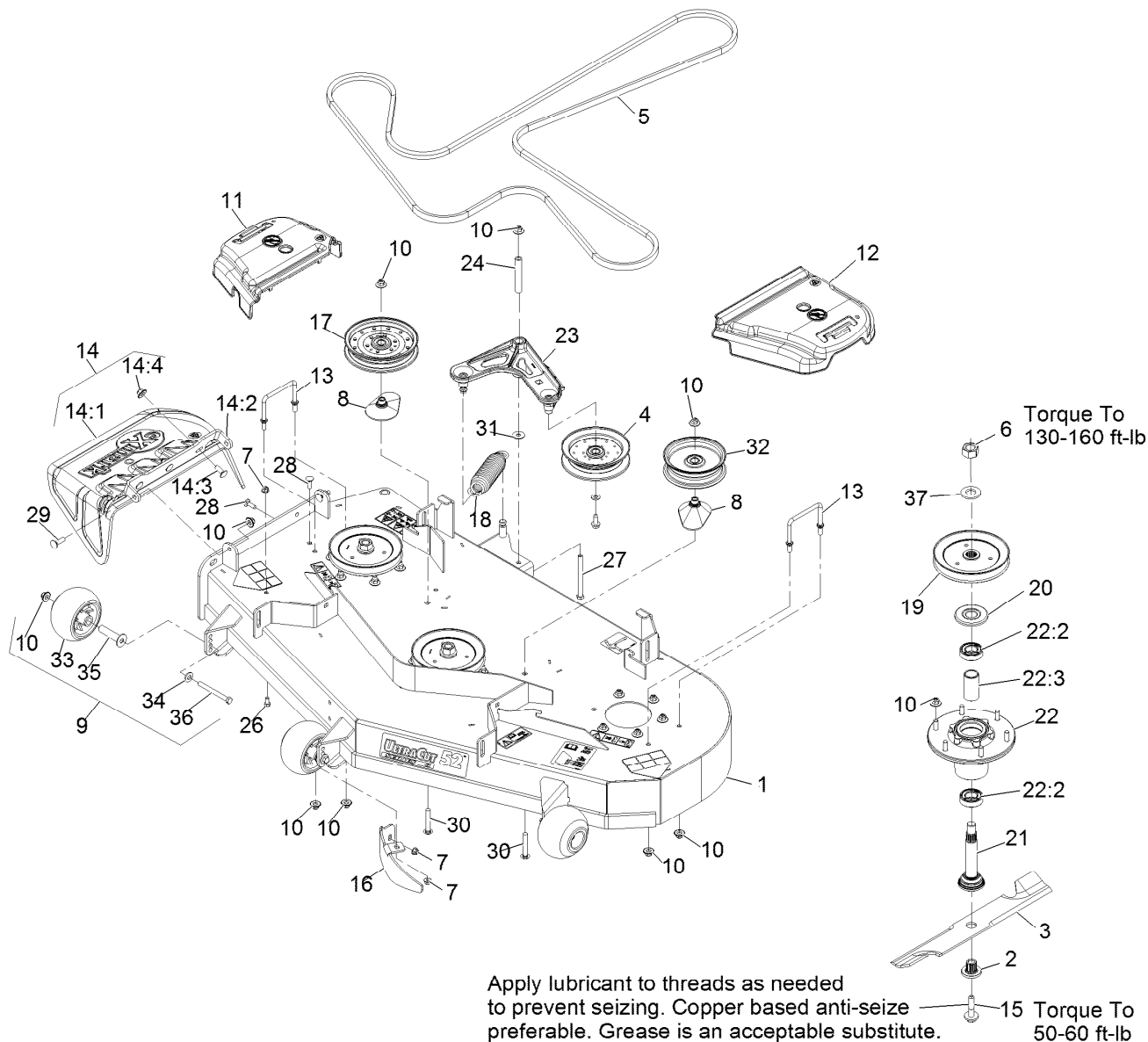
Contents

Complete Deck Assembly	4
Deck Assembly	5
Deck W/Decals Assembly No. 116-3196	7
Idler Arm W/Bearings Assembly	8
Main Frame Assembly	9
Main Frame W/Decals Assembly	10
Caster Wheel Assembly No. 103-5189	11
Roll-Over Protection System Assembly No. 116-3498	12
Deck Lift Assembly	13
Motion Control Assembly	14
LH Motion Control Assembly	16
RH Motion Control Assembly	17
Seat Assembly	18
Seat W/Tracks Assembly No. 126-2802	19
Controls Assembly	20
Fuel Tank Mounting Assembly	21
Fuel Tank Assembly No. 116-4610	22
Engine Assembly	23
Hydraulic Assembly	24
Transaxle Assembly	25
Electrical Assembly	26



Complete Deck Assembly

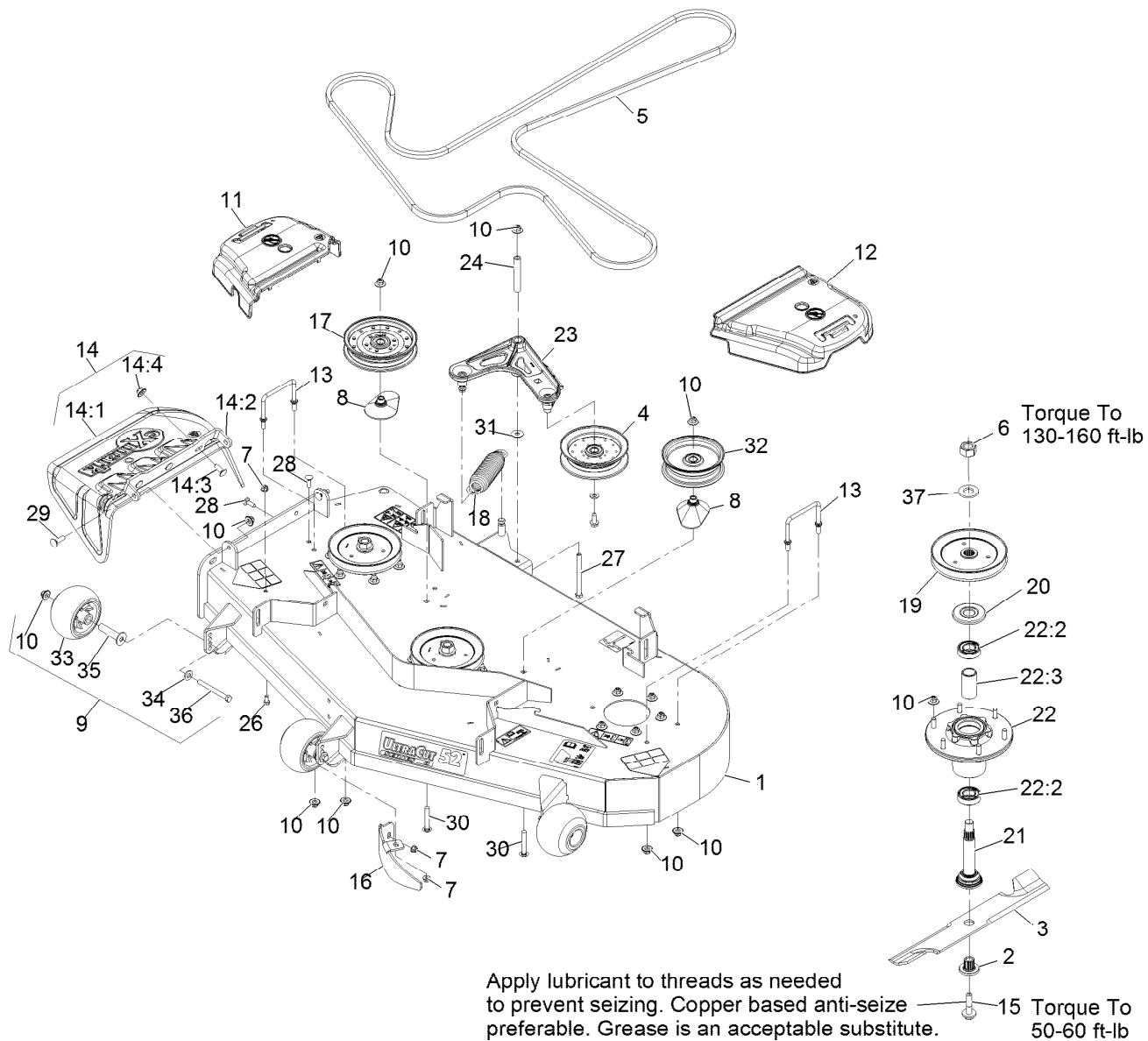
Ref.	Part Number	Qty.	Description
1	116-4812	1	ASM-Deck Complete 523



Deck Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	116-3196	1	ASM-Deck W/Decals, 52	14:2	109-8675-01	1	Bracket, Discharge Chute
2	103-3037	3	Bushing, Splined	14:3	3231-22	3	Bolt-Carriage 3/8-16 X 1
3	103-6382	3	Blade, Solid	14:4	109-6658	3	Nut-Nyloc 3/8-16 Flg
3	103-6387	3	Blade, Low Lift	15	109-9220	3	Screw-Sems 1/2-20 X 2.19
3	103-6392	3	Blade, Mulching ●	16	116-5835-01	1	Baffle-Dogleg, Lze-Pns-52
3	103-6402	3	Blade-Notched	17	116-4670	1	Pulley-Idler, Flat
3	116-5175	3	Blade-Extreme 2, 18.00"	18	116-6317	1	Spring-Extension
4	116-4668	1	Idler-Pulley, Flanged	19	116-0675	3	Sheave, Blade Drive 6.50
5	103-9273	1	Belt, Deck Drive (60")	20	116-1286	3	Guard, Bearing Top .989
6	116-7306	3	Nut-Hex	21	116-3342	3	ASM-Spindle And Seal
7	104-8300	3	Nut-Nyloc 5/16-18 Flg	22	116-3344	3	ASM-Cutter Hsg With Bearings
8	109-2872	2	Spacer-Pulley	22:2	116-0720	2	Bearing-Ball
9	116-9981	3	Kit, Anti-Scalp Roller	22:3	116-3312	1	Spacer-Bearing
10	109-6658	30	Nut-Nyloc 3/8-16 Flg	23	126-0976	1	ASM-Idler Arm W/Bearings
11	109-6935	1	Cover-Belt, RH	24	116-5111	1	Bushing
12	109-6936	1	Cover-Belt, LH	26	322-2	1	Screw-HH 5/16-18 X 5/8
13	109-6982	2	Wireform-Cover	27	323-23	1	Screw-HH 3/8-16 X 4-1/2
14	109-7188	1	ASM-Discharge Chute	28	3230-2	2	Bolt-Carriage 5/16-18 X 1
14:1	109-2738	1	Chute, Discharge				

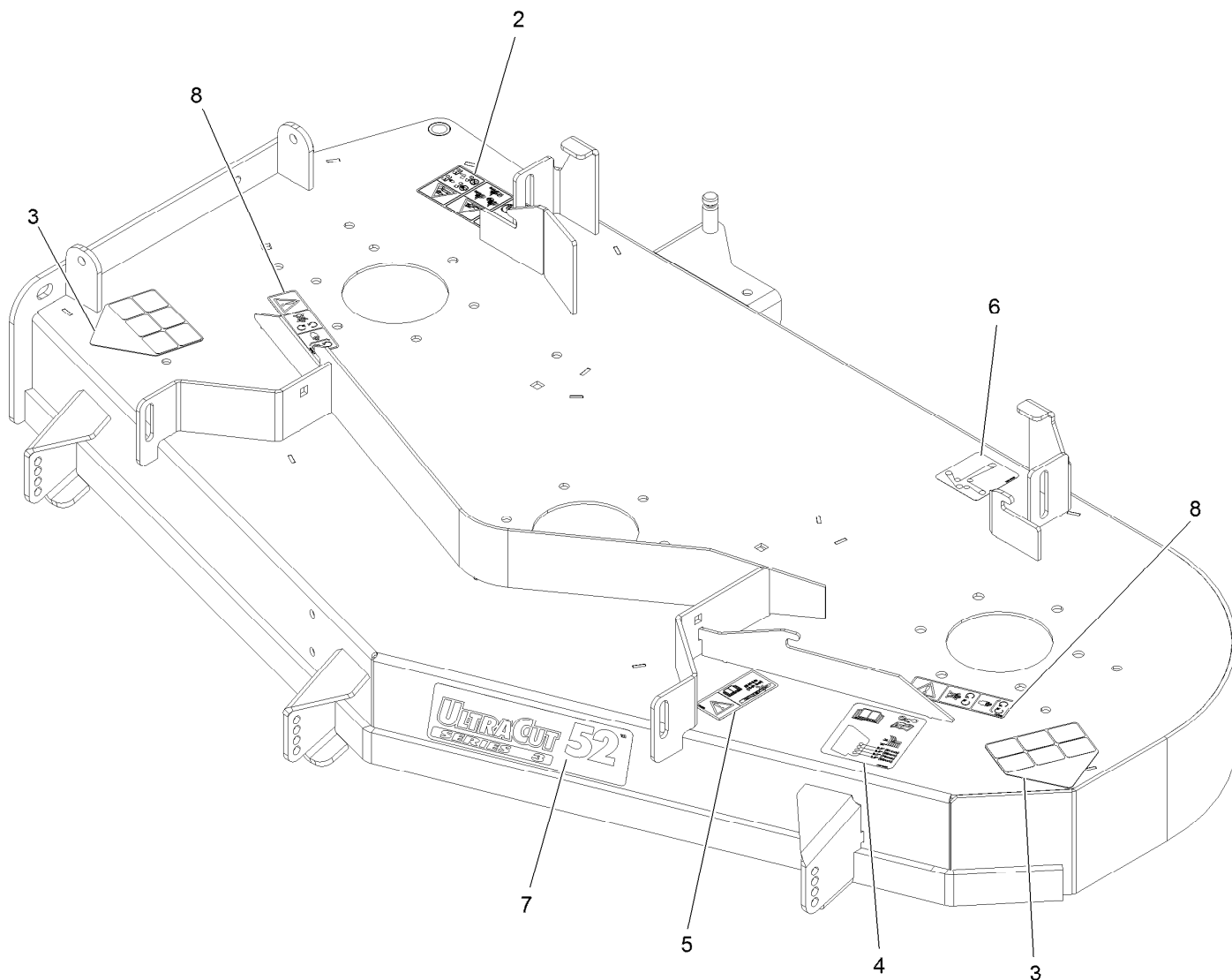
● Requires installation of mulch kit for proper mulching. See your Exmark dealer for details.



Deck Assembly (continued)

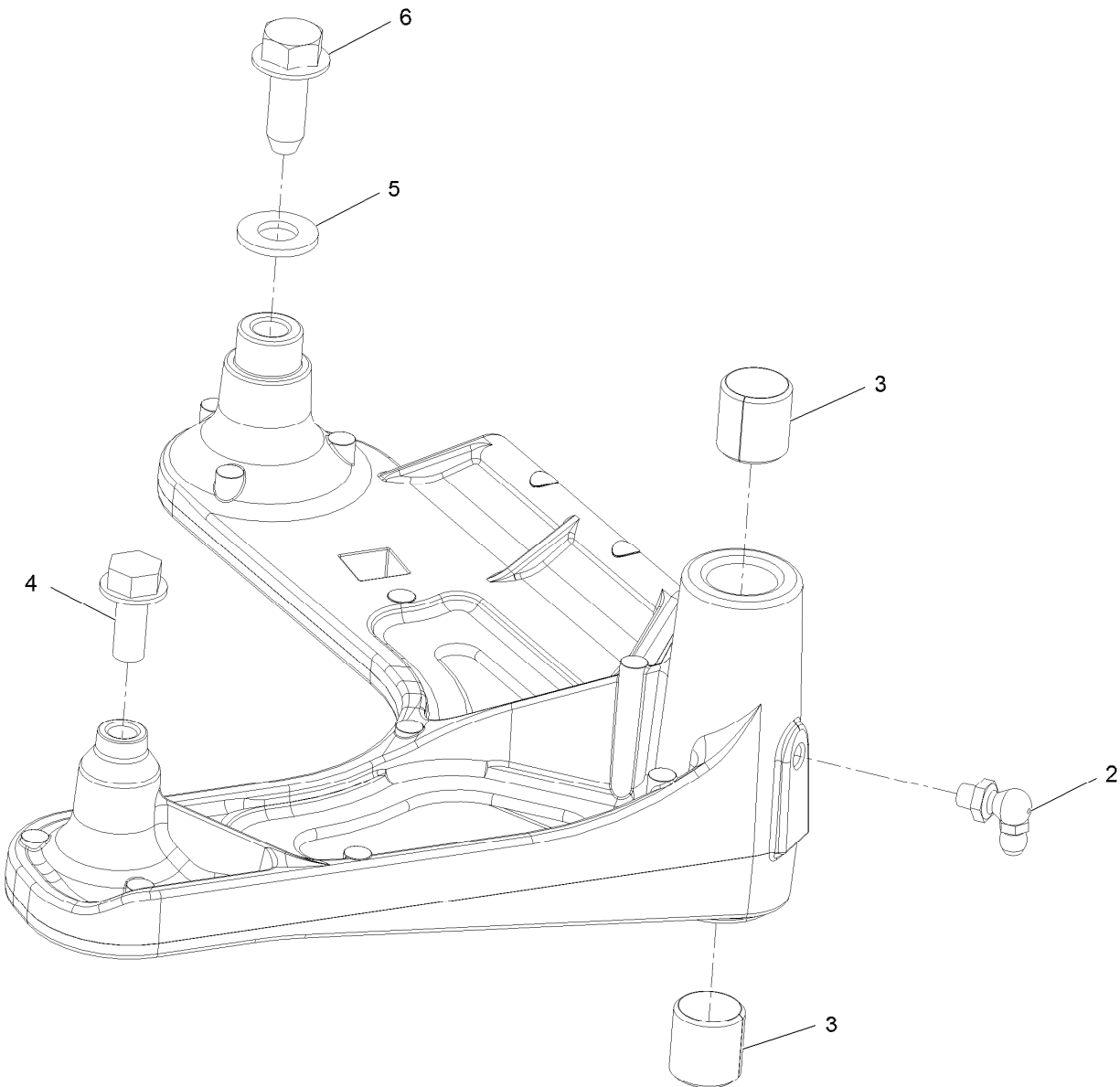
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
29	3231-25	2	Bolt-Carriage 3/8-16 X 1 1/4	34	98-5975	3	Washer-Spring Disc 3/8
30	3231-44	2	Bolt-Carriage 3/8-16 X 2 1/2	35	116-8131	3	Axle, Roller
31	52-2860	1	Washer	36	116-9362	3	Screw-HH 3/8-16 X 3 3/4 Gr 8
32	116-4669	1	Pulley-Idler Flat	37	103-2802	3	Washer-Spring Disc 3/4
33	103-8415	3	Roller-Anti-Scalp				

● Requires installation of mulch kit for proper mulching. See your Exmark dealer for details.



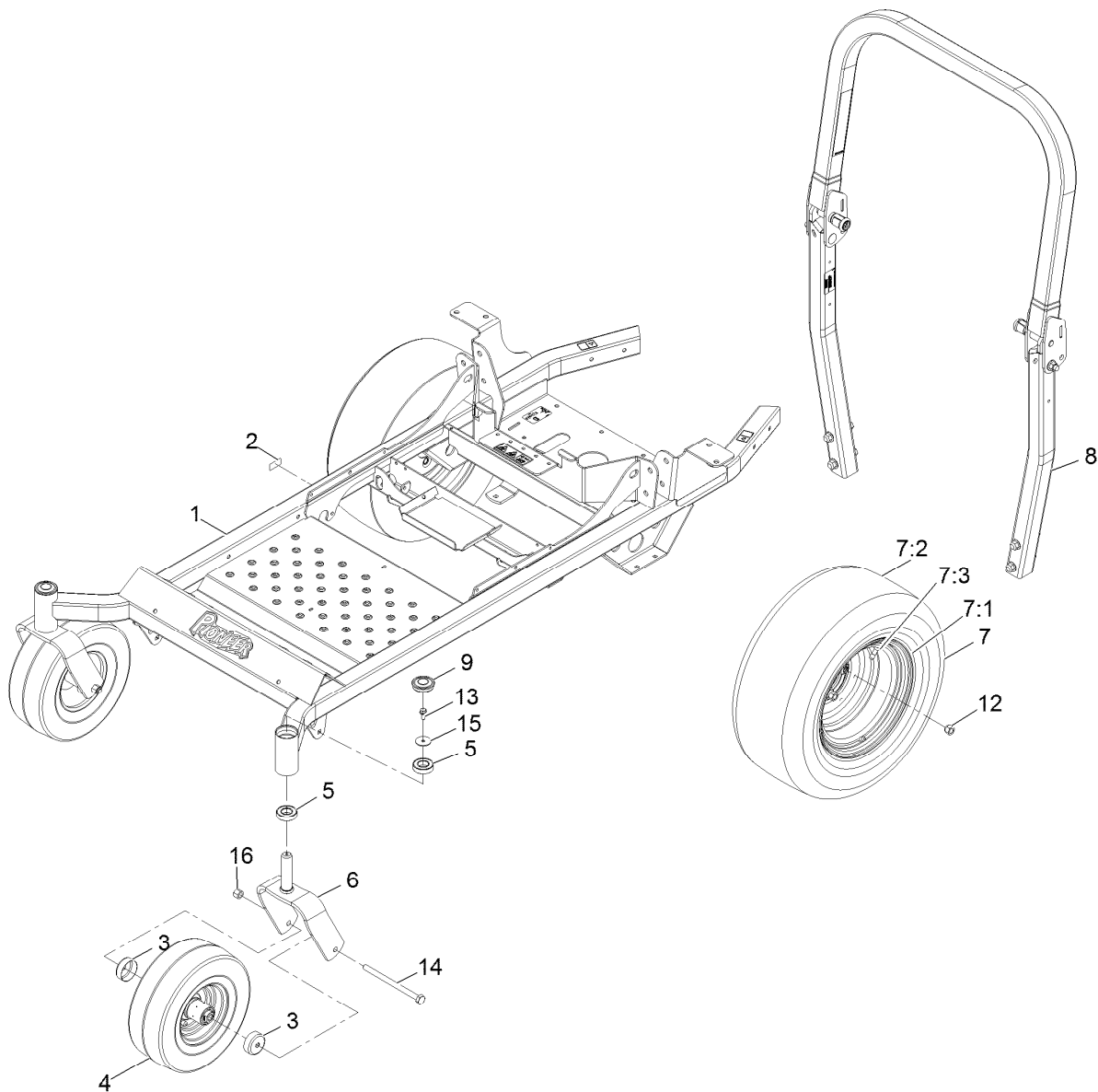
Deck W/Decals Assembly No. 116-3196

Ref.	Part Number	Qty.	Description
2	117-3848	1	Decal-Danger
3	93-7316	2	Decal-Danger
4	109-6036	1	Decal-Roller, Anti-Scalp
5	116-8283	1	Decal-Bolt Torque
6	109-6035	1	Decal-Belt Routing
7	116-4699	1	Decal-Ultracut 52 Series 3
8	112-9028	2	Decal-Cover Missing



Idler Arm W/Bearings Assembly

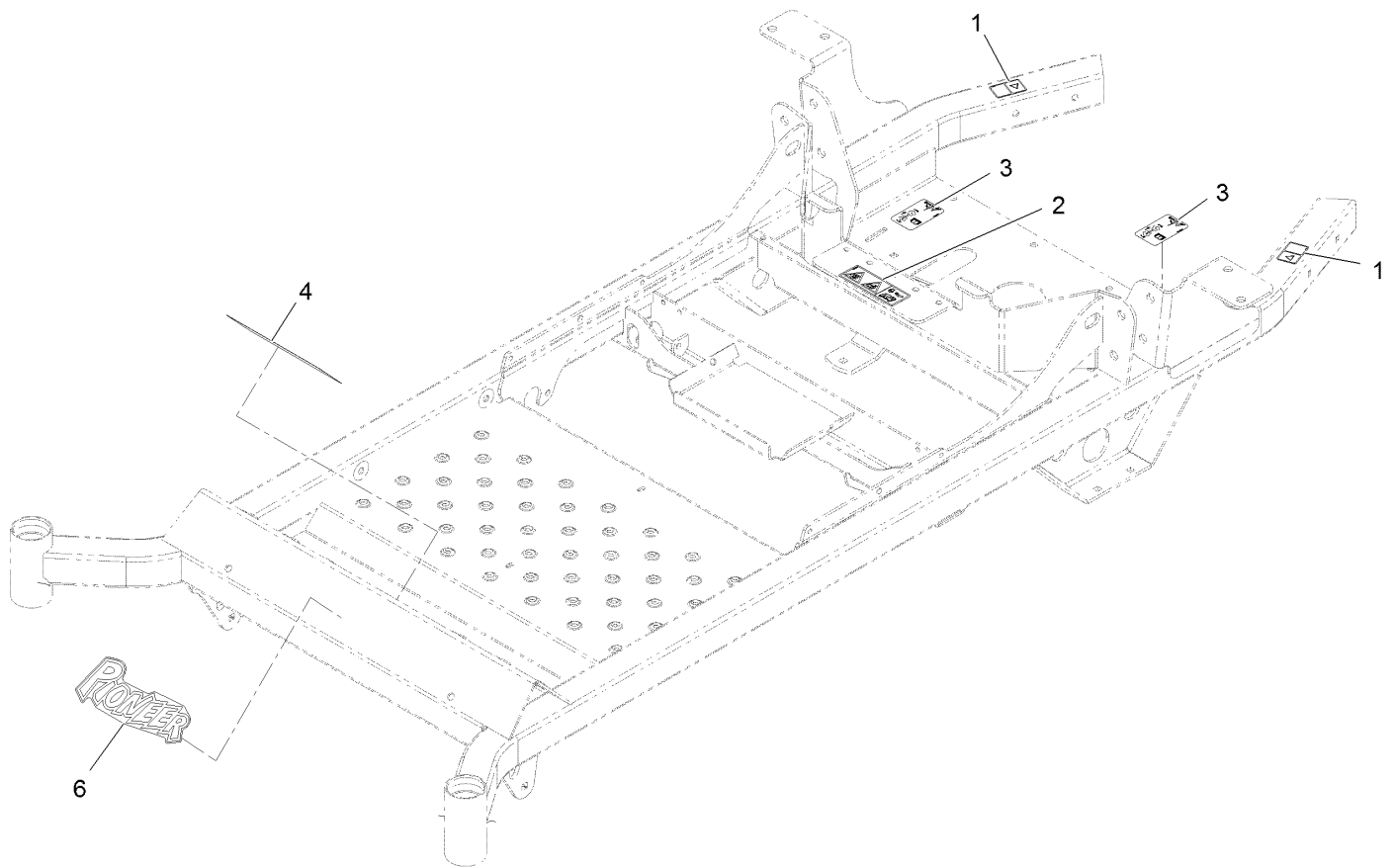
Ref.	Part Number	Qty.	Description
2	302-40	1	Zerk-90° 1/4-28
3	1-513034	2	Sleeve-Bearing
4	32144-11	1	Screw-HWH 5/16-18 X 3/4 Tf
5	3256-24	1	Washer-3/8 Sae
6	126-1696	1	Screw-Thread Forming



Main Frame Assembly

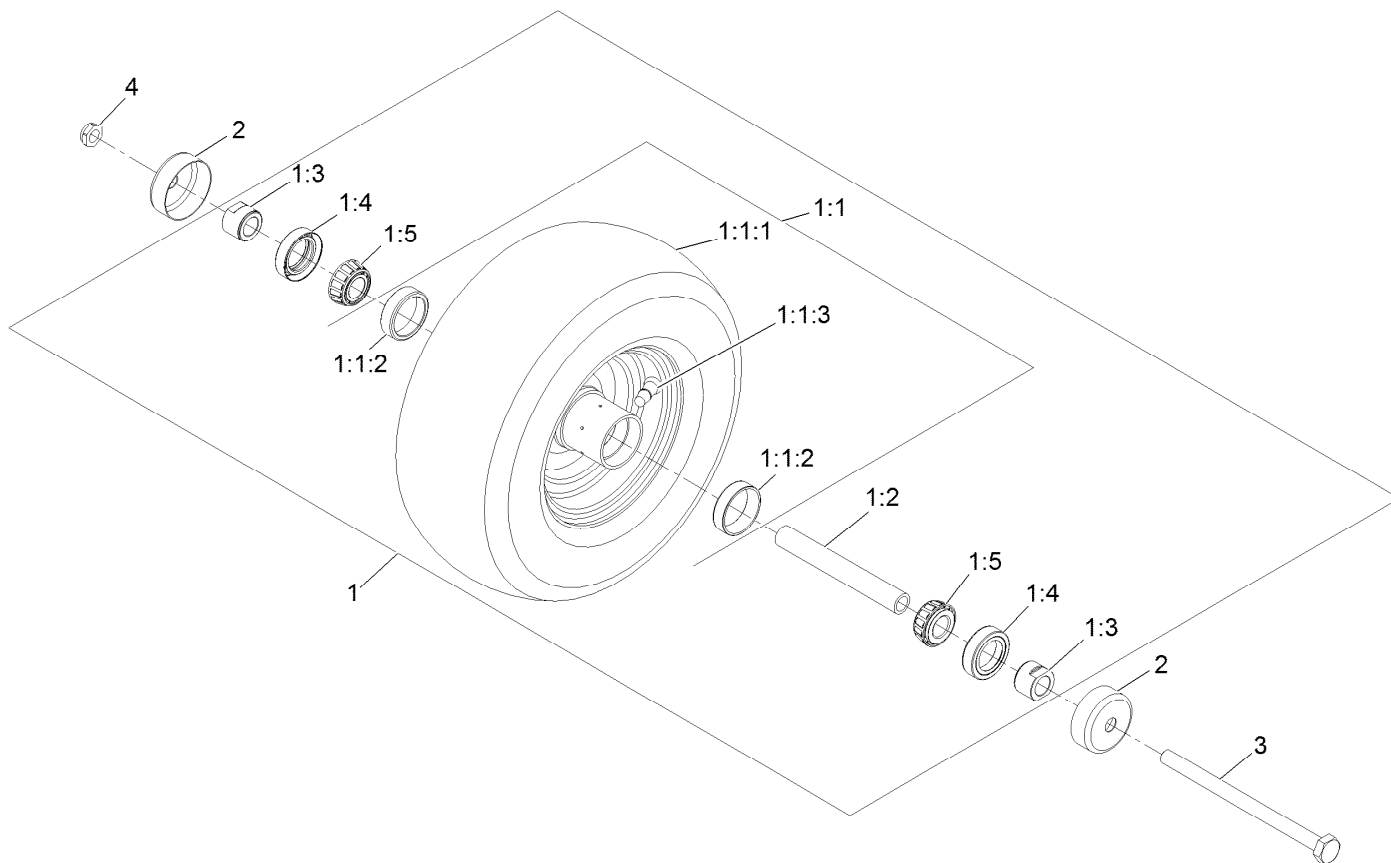
Ref.	Part Number	Qty.	Description
1	116-6831	1	Frame ASM-48-52
2	126-4345	1	Decal-Patent Ttco.Com
3	103-2768	4	Guard-Seal
4	103-5189	2	Asm, Caster Wheel (Pneumatic)
5	109-3678	4	Bearing-Ball
6	116-0611-01	2	Wld,Caster Fork
7	116-6318	2	ASM-Wheel And Tire 22 X 9.50-12
7:1	116-6320	1	Wheel

Ref.	Part Number	Qty.	Description
7:2	120-3271	1	Tire
7:3	232-27	1	Stem-Valve
8	116-3498	1	ASM-ROPS Pioneer
9	116-4348	2	Cap-Grease
12	242-50	8	Nut-Lug 1/2-20
13	3234-5	2	Screw-HH Flg 5/16-18 X 3/4
14	325-36	2	Screw-HH 1/2-13 X 7 1/2
15	3256-68	2	Washer-Flat
16	3296-23	2	Nut-Nyloc 1/2-13



Main Frame W/Decals Assembly

Ref.	Part Number	Qty.	Description
1	106-5517	2	Decal-Warning, Hot Surface
2	126-4363	1	Decal-Warning Rotating Devices
3	116-8588	2	Decal-Drive Release
4	127-0335	1	Decal-Warning, Slope
6	116-4570	1	Decal-Pioneer Logo

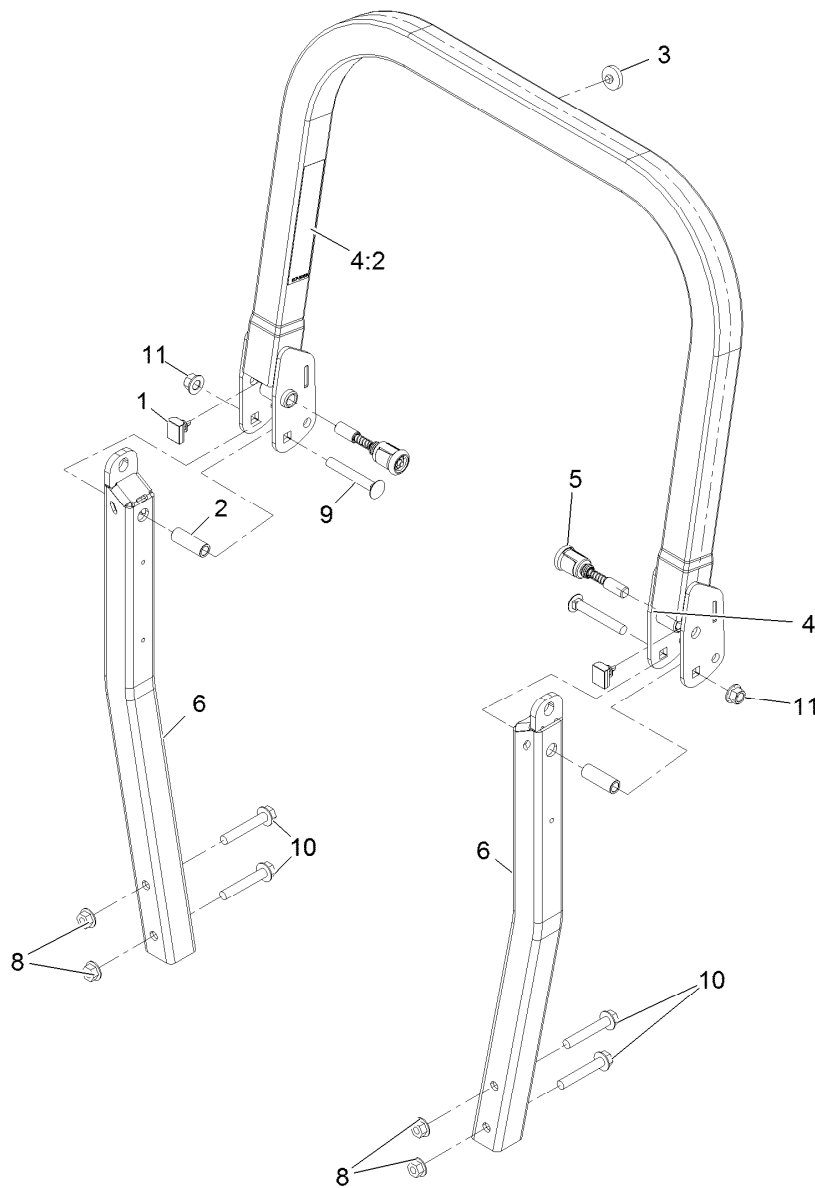


Caster Wheel Assembly No. 103-5189

Ref.	Part Number	Qty.	Description
1		1	ASM, Wheel And Brg 13X5.00-6 ●
1:1		1	ASM, Wheel And Tire 13X5.00-6 ●
1:1:1	1-633002	1	Tire
1:1:2	1-633584	2	Bearing-Cup
1:1:3	5108	1	Valve
1:2	103-3155	1	Axle-Caster
1:3	103-3051	2	Spacer-Nut ■
1:4	103-0063	2	Seal-Double Lip
1:5	1-633585	2	Bearing-Cone Tapered Roller
2	103-2768	2	Guard-Seal
3	325-36	1	Screw-HH 1/2-13 X 7 1/2
4	3296-45	1	Nut-Nyloc 1/2-13 Thin

● Not serviced separately

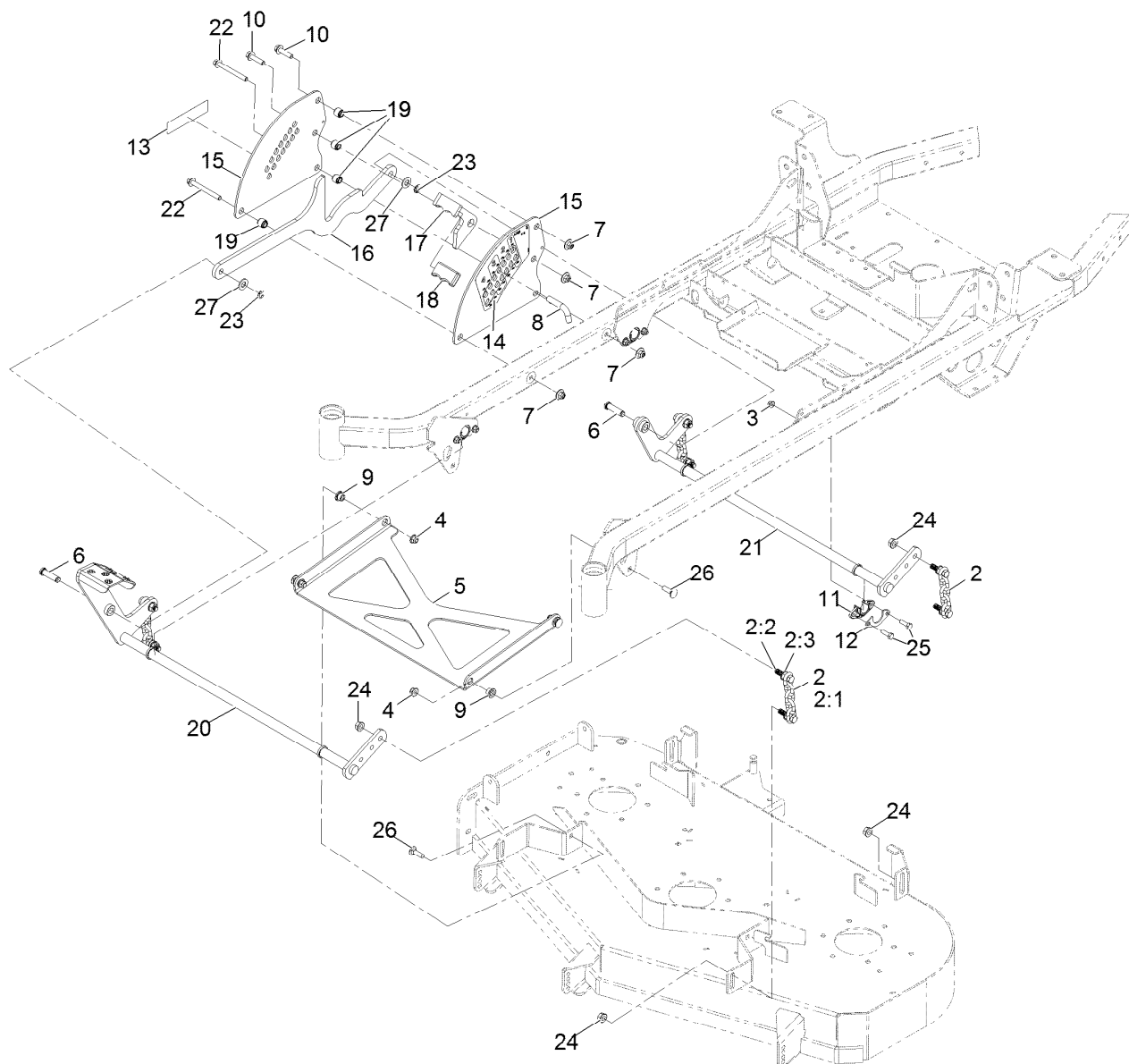
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Roll-Over Protection System Assembly No. 116-3498

Ref.	Part Number	Qty.	Description
1	109-5337	2	Bumper-ROPS
2	109-6653	2	Spacer
3	109-9233	1	Bumper-Push-In, Rubber
4	116-0019	1	Upper ROPS ASM
4:2	107-3069	1	Decal-Warning, Folding ROPS
5	116-0104	2	Pin-Spring
6		2	ASM-Lwr ROPS Leg ●
8	32128-49	4	Nut-Whizlock 1/2-13
9	3233-10	2	Bolt-Carriage 1/2-13 X 3 1/2
10	3234-40	4	Screw-HF
11	99-5107	2	Nut-Lock 1/2-13

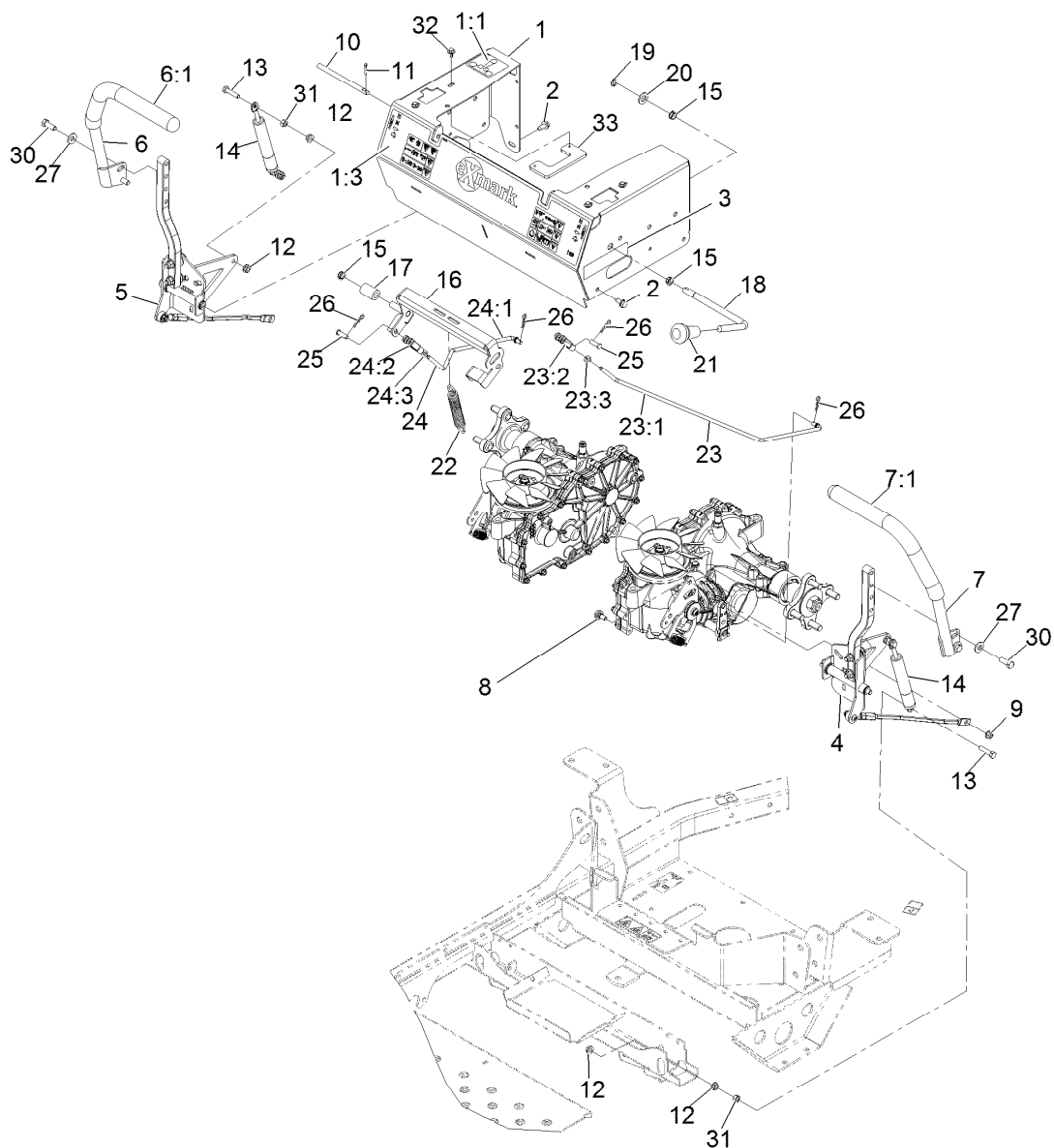
● Not serviced separately



Deck Lift Assembly

Ref.	Part Number	Qty.	Description
2	103-9817	4	Deck Chain ASM
2:1	1-633447	1	Chain-Lift, Deck
2:2	103-1898	2	Screw-HH 7/16-20 X 1-5/8 Sp
2:3	32128-37	2	Nut-Whizlock 7/16-14
3	104-8300	8	Nut-Nyloc 5/16-18 Flg
4	104-8301	4	Nut-Nyloc 3/8-16 Flg
5	109-3723-01	1	Strut-Deck
6	109-5819	2	Pin-Clevis
7	109-6658	4	Nut-Nyloc 3/8-16 Flg
8	116-5584	1	Pin-HOC
9	109-8788	4	Bushing-Flanged
10	114-4681	2	Screw-HHF
11	115-5065	4	Bushing-Flange
12	116-2887	4	Gusset-Lift, Deck

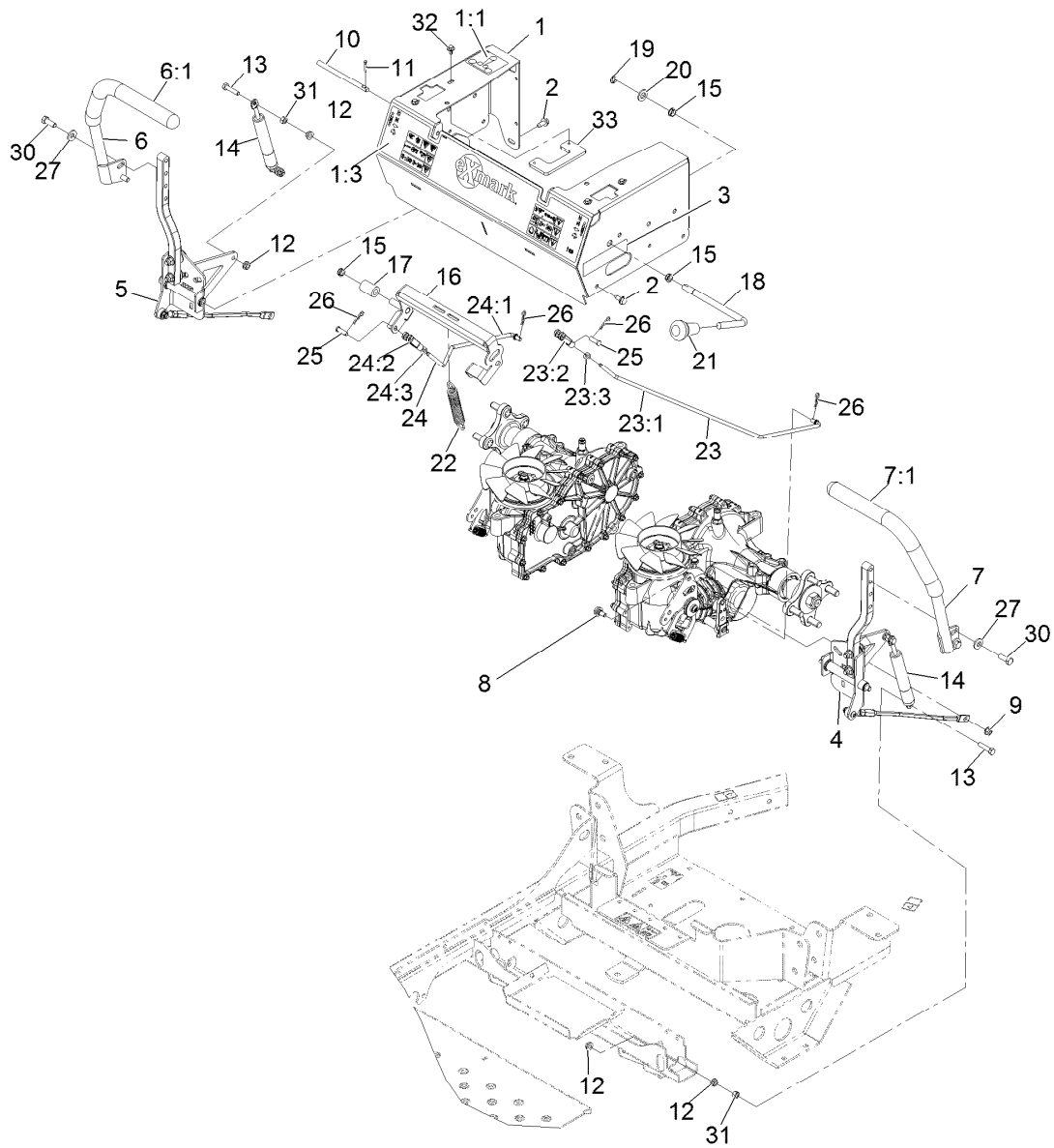
Ref.	Part Number	Qty.	Description
13	116-3884	1	Decal-S-Series
14	126-4383	1	Decal-Height Of Cut
15	116-4309-03	2	Plate,Deck Lift
16	116-4310-03	1	Link-HOC
17	116-4311	1	Transport Lock-HOC
18	116-4312	1	Grip-Bar, Flat
19	116-4313	4	Spacer-Step, Double
20	116-6011-03	1	Wld-Deck Lift Shaft Frt
21	116-6012-03	1	Wld-Deck Lift Shaft Rr
22	116-4701	2	Screw-HHF
23	32120-47	2	Ring-Retaining
24	32128-37	8	Nut-Whizlock 7/16-14
25	322-5	8	Screw-HH 5/16-18 X 1
26	3231-25	4	Bolt-Carriage 3/8-16 X 1 1/4
27	3256-26	2	Washer-1/2 Sae



Motion Control Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	116-3188	1	ASM-Mot Ctrl Frm W/Dcl	13	1-403180	4	Screw-HH 5/16-18 X 1 3/8 Special
1:1	109-6014	1	Decal-Belt Routing	14	109-5957	2	Damper-Motion Control
1:3	116-8668	1	Decal-Console	15	116-1393	3	Bushing,Snap
2	32144-70	6	Screw-HWH 5/16-18 X 3/4 Tf	16	116-6233	1	Wld-Brake Center Arm
3	116-3884	1	Decal-S-Series	17	109-5010	1	Spacer
4		1	Motion Control ASM-LH ●	18	116-3155	1	Handle,Brake
5		1	Motion Control ASM-RH ●	19	32120-47	1	Ring-Retaining
6	119-3486	1	RH Handle ASM	20	106-9888	1	Washer-Flat
6:1	108-6187	1	Grip	21	106-7952	1	Knob
7	119-3485	1	LH Handle ASM	22	88-6130	1	Spring-Deck, Engagement
7:1	108-6187	1	Grip	23	116-1165	1	Brake Linkage ASM-LH
8	37-8771	2	Screw-Shoulder 5/16-18 X 5/8	23:1	116-1167	1	Linkage,Brake LH
9	104-8300	2	Nut-Nyloc 5/16-18 Flg	23:2	1-303105	1	Yoke-Adjustable
10	109-3705	2	Pin-Control Pivot	23:3	3220-2	1	Nut-Jam 5/16-24
11	3272-10	2	Pin-Cotter 1/8 X 3/4	24	116-1166	1	Brake Linkage ASM-RH
12	32128-20	8	Nut-Whizlock 5/16-18	24:1	116-1168	1	Linkage-Brake, RH
				24:2	1-303105	1	Yoke-Adjustable
				24:3	3220-2	1	Nut-Jam 5/16-24

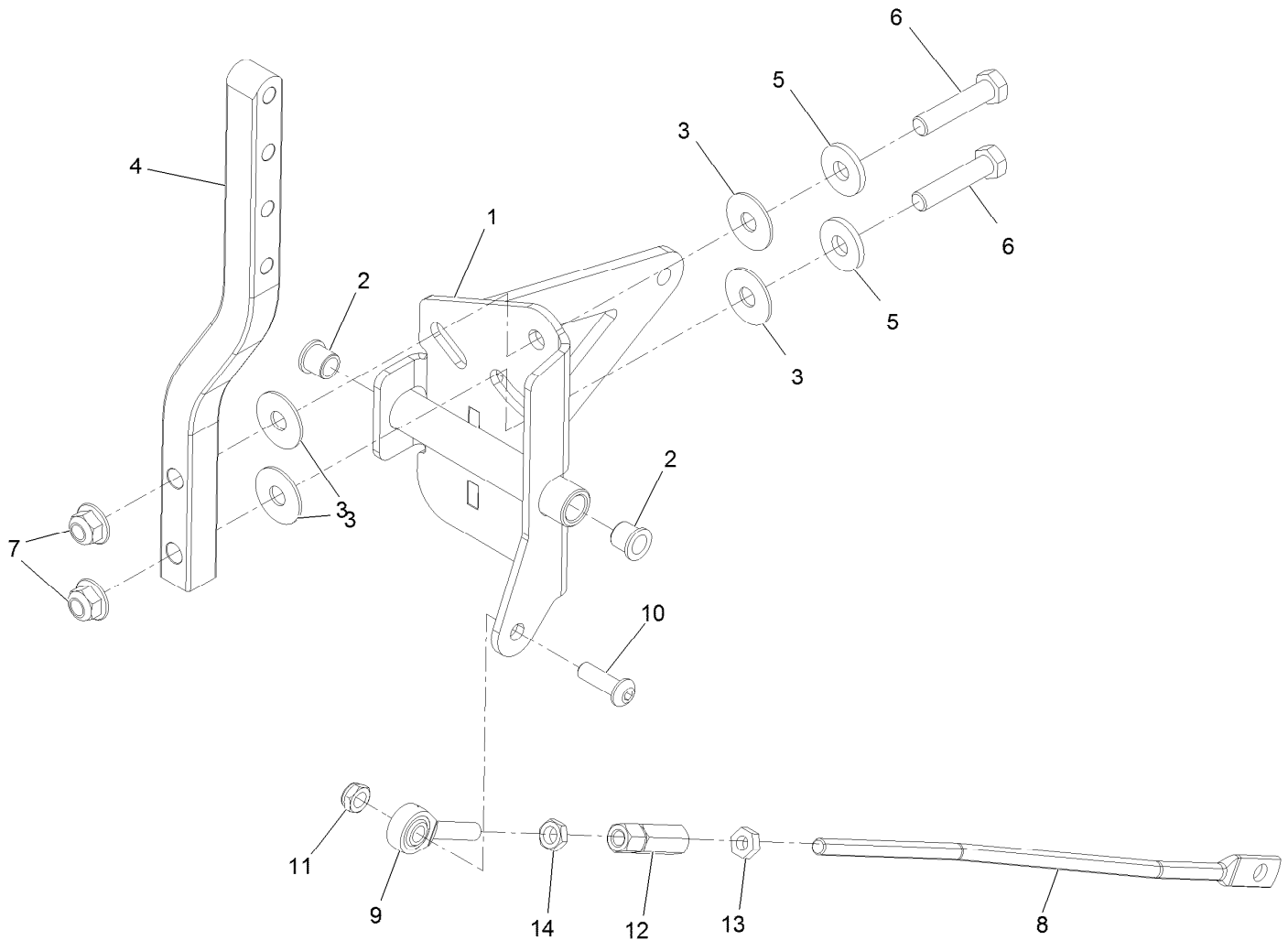
● Not serviced separately



Motion Control Assembly (continued)

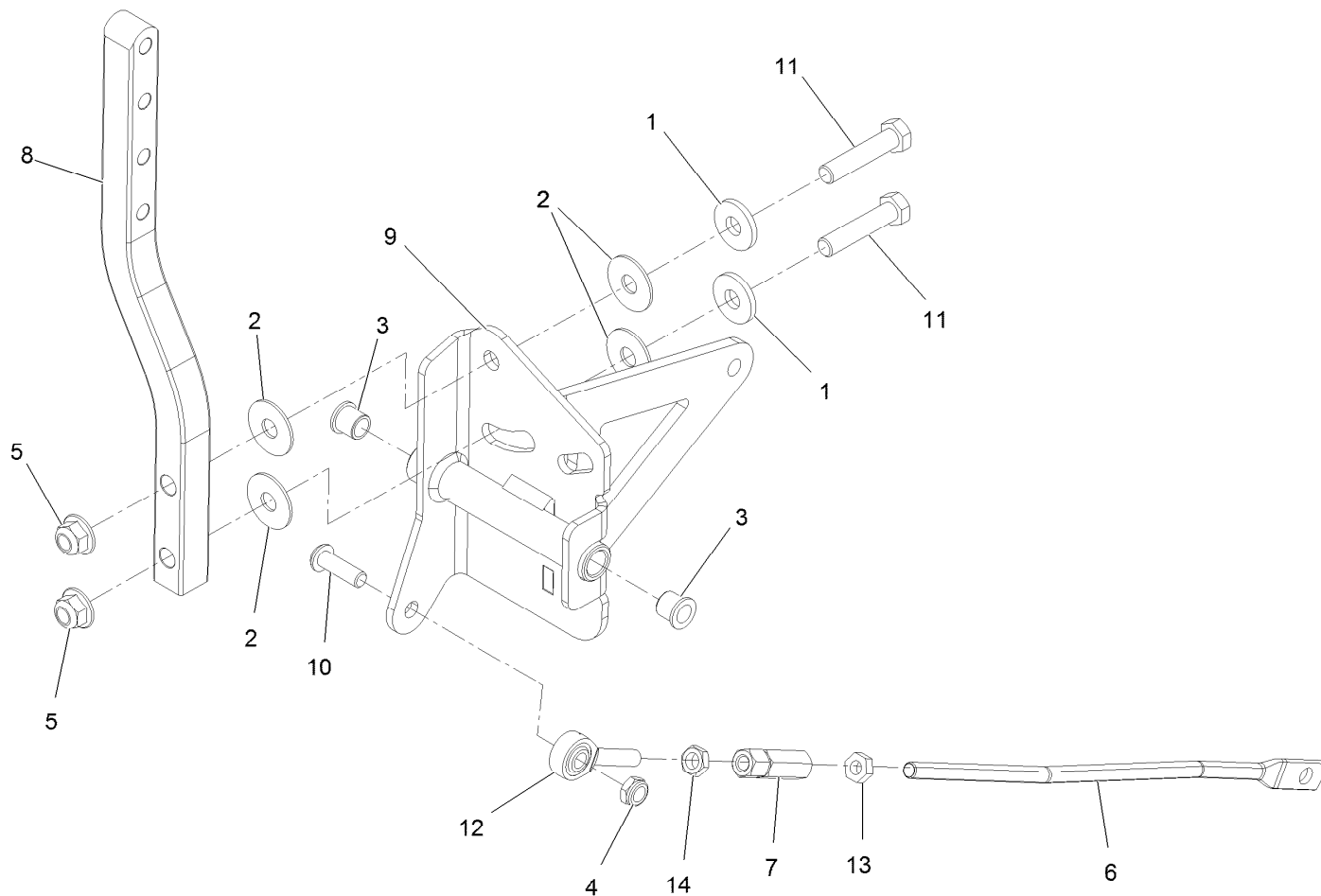
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
25	1-808280	2	Pin-Clevis 5/16 X 1 49/64	31	3217-6	4	Nut-Hex 5/16-18
26	1-806003	4	Hairpin-Cotter	32	46-8560	4	Screw-HHF 1/4-20 X 1/2
27	98-5975	4	Washer-Spring Disc 3/8	33	109-6214	2	Stop-Motion Control
30	323-6	4	Screw-HH 3/8-16 X 1				

● Not serviced separately



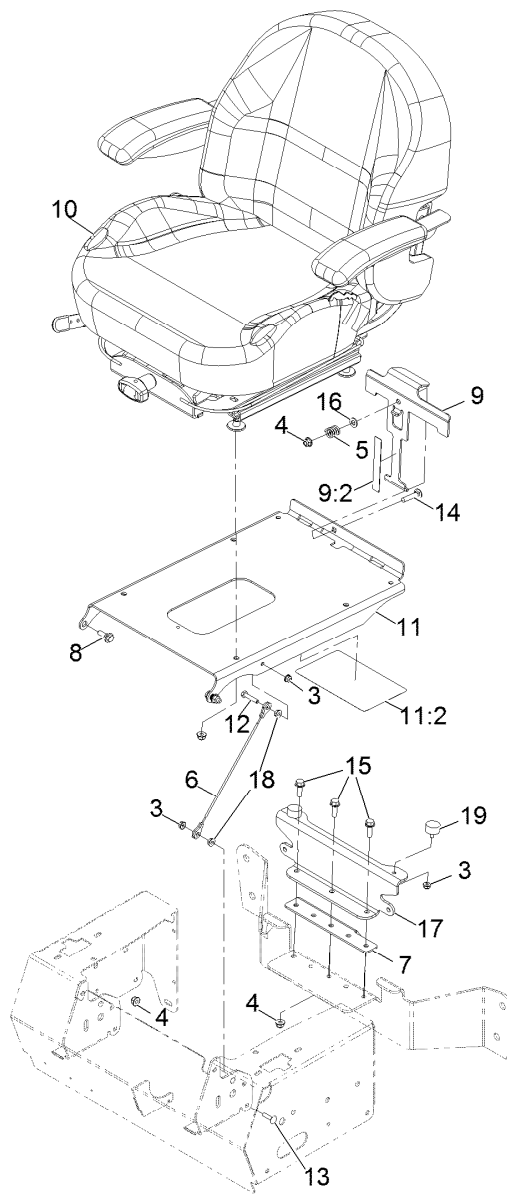
LH Motion Control Assembly

Ref.	Part Number	Qty.	Description
1	126-3710	1	LH Control Pivot ASM
2	103-9928	2	Bearing
3	52-2900	4	Washer-Plastic
4	116-3183	1	Arm-Motion Control
5	5-0838	2	Washer
6	323-9	2	Screw-HH
7	104-8301	2	Nut-Flange, NI
8	116-2543	1	Link,Motion Control
9	2411-53	1	Bearing-Rod End, LH
10	3274-104	1	Screw-HSBH
11	3296-47	1	Nut-Lock, NI
12	109-3728	1	Nut-Rod Adjustment
13	3220-2	1	Nut-Jam
14	3220-20	1	Nut-Jam



RH Motion Control Assembly

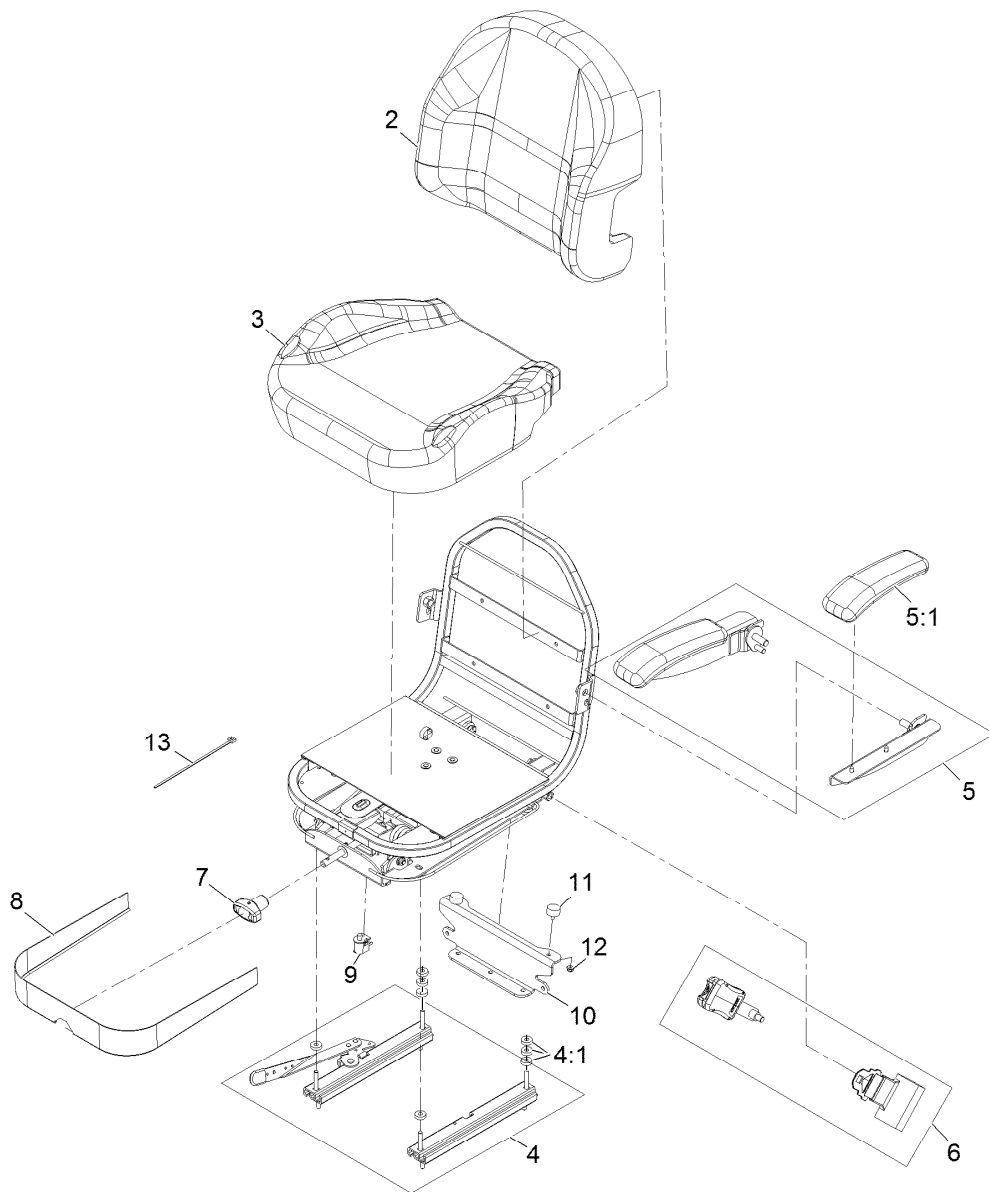
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	5-0838	2	Washer
2	52-2900	4	Washer-Plastic
3	103-9928	2	Bearing
4	3296-47	1	Nut-Nyloc 5/16-18 Thin
5	104-8301	2	Nut-Nyloc 3/8-16 Flg
6	116-2543	1	Link,Motion Control
7	109-3728	1	Nut-Rod Adjustment
8	116-3183	1	Arm-Motion Control
9	126-3707	1	RH Control Pivot ASM
10	3274-104	1	Screw-Button Head 5/16-18 X 1
11	323-9	2	Screw-HH 3/8-16 X 1 3/4
12	2411-53	1	Balljoint LH
13	3220-2	1	Nut-Jam 5/16-24
14	3220-20	1	Nut-Jam 5/16-24 LH



Seat Assembly

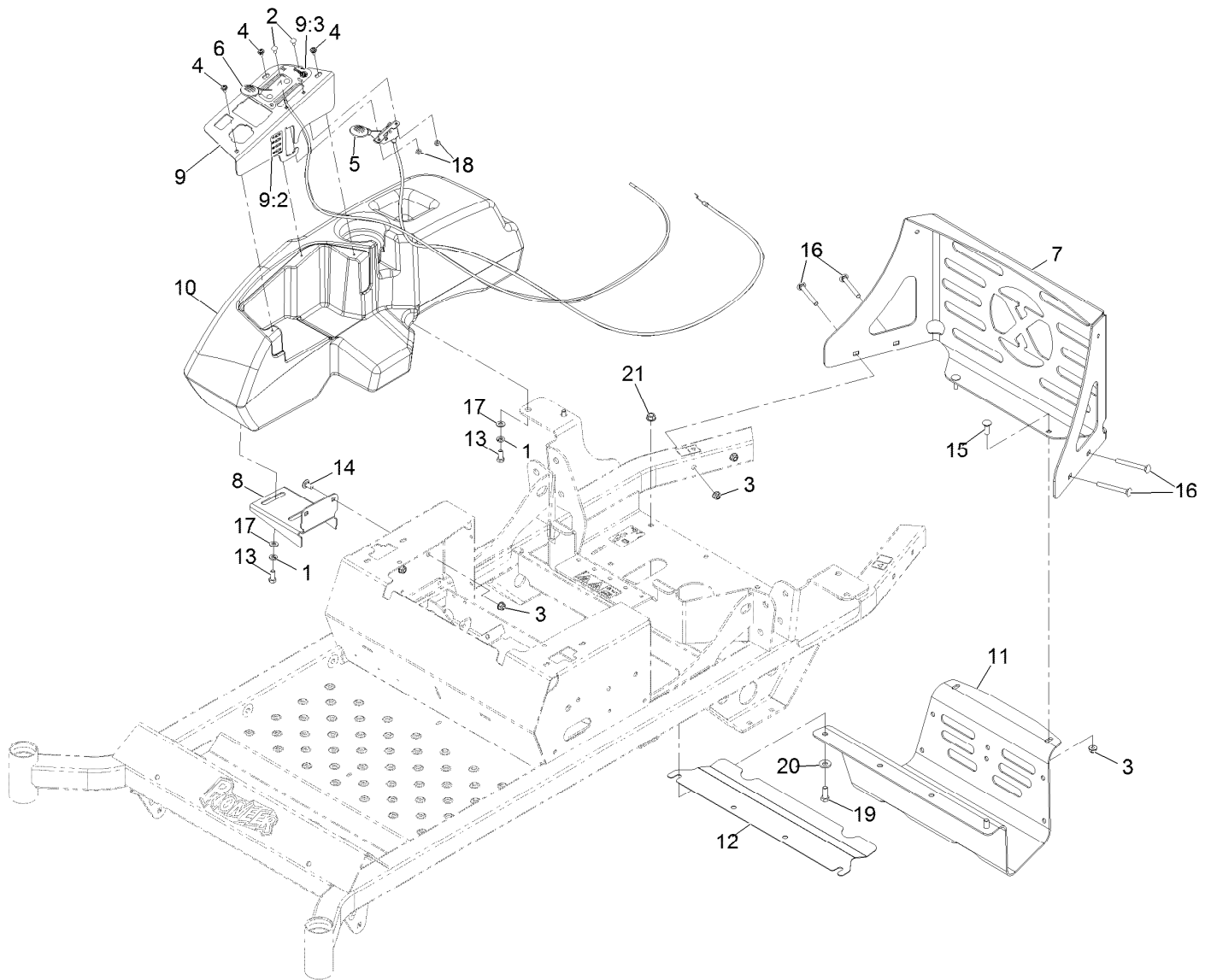
Ref.	Part Number	Qty.	Description
3	104-7201	4	Nut-Nyloc 1/4-20 Flg
4	104-8300	10	Nut-Nyloc 5/16-18 Flg
5	107-3017	1	Spring-Compression
6	109-2628	1	Cable-Stop, Seat
7	116-0871	1	Catch,Seat Latch
8	116-1297	2	Screw-Shoulder
9	116-3121	1	ASM-Seat Latch
9:2	116-3120	1	Strip-Poly Wear
10	126-2802	1	Kit-Seat Suspension
11	116-4418	1	Plate, Seat W/Decals

Ref.	Part Number	Qty.	Description
11:2	109-6016	1	Decal-Service Aid
12	321-8	1	Screw-HH 1/4-20 X 1 1/4
13	3229-2	1	Bolt-Carriage 1/4-20 X 1
14	3230-4	1	Bolt-Carriage 5/16-18 X 1 1/2
15	3234-29	3	Screw-HH Flg 5/16-18 X 1
16	3256-23	1	Washer-5/16 Sae
17	126-0480-01	1	Plate-Seat Support
18	32128-33	2	Nut-Whizlock 1/4-20
19	240-14	2	Bumper-Rubber



Seat W/Tracks Assembly No. 126-2802

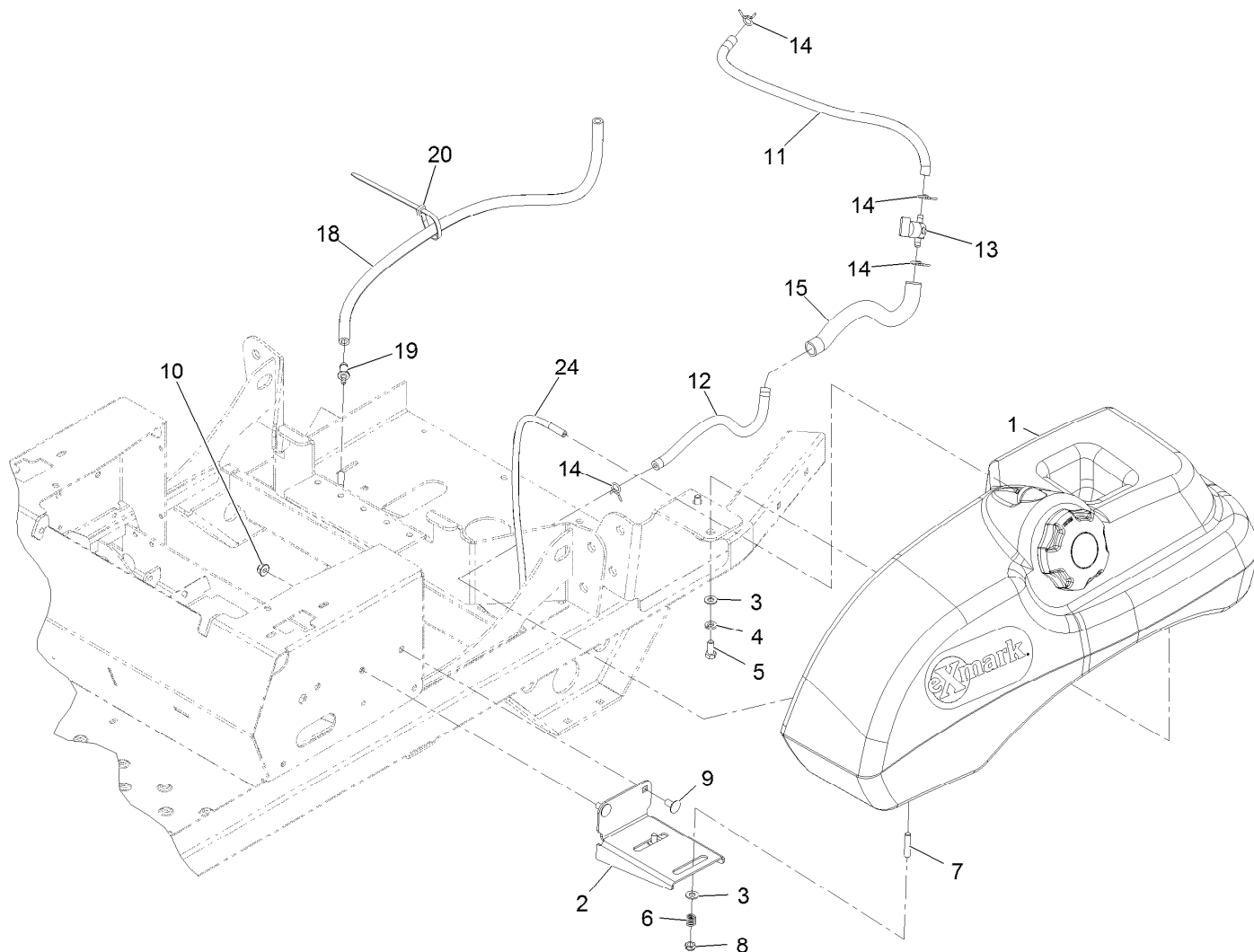
Ref.	Part Number	Qty.	Description
2	126-3505	1	Cover-Seat Back
3	130-0848	1	Cover-Cushion
4	126-3501	1	Kit-Track-Seat 4"
4:1	26-4840	8	Spacer-Pin, Mounting
5	126-2058	1	Armrest Kit
5:1	110-4163	2	Cushion-Rest, Arm
6	126-3504	1	Kit-Seat Belt Service
7	130-0846	1	Knob-Adjuster
8	126-3506	1	Cover-Skirt W/Fasteners
9	82-2190	1	Switch
10	126-0480-01	1	Plate-Seat Support
11	240-14	2	Bumper-Rubber
12	104-7201	2	Nut-Nyloc 1/4-20 Flg
13	1-303335	1	Tie-Cable 7 15/16 (Large)



Controls Assembly

Ref.	Part Number	Qty.	Description
1	1-805005	4	Washer-Lock 5/16 Heavy
2	1-807513	4	Bolt-Carriage #10-24 X 1/2
3	104-8300	8	Nut-Nyloc 5/16-18 Flg
4	109-2661	3	Screw-PPH #10-24 X 1/2
5	126-2800	1	Control-Throttle
6	109-9147	1	Control-Choke
7	116-3453-03	1	Panel,Rear Guard
8	116-3495-03	1	Bracket-Tank And Fender
9	116-9051	1	ASM, Control Panel W/ Decal
9:2	116-1496	1	Decal,Fuse Block
9:3	116-4465	1	Decal-Throttle Choke
10	116-4138	1	Console,RH

Ref.	Part Number	Qty.	Description
11	126-4275-03	1	Guard, Muffler
12	126-0456-03	1	Shield, Heat
13	322-3	4	Screw-HH 5/16-18 X 3/4
14	3230-18	2	Bolt-Carriage 5/16-18 X 5/8
15	3230-2	2	Bolt-Carriage 5/16-18 X 1
16	3230-9	4	Bolt-Carriage 5/16-18 X 2 3/4
17	3256-23	4	Washer-5/16 Sae
18	3296-2	4	Nut-Nyloc #10-24
19	323-6	2	Screw-HH 3/8-16 X 1
20	98-5975	2	Washer-Spring Disc 3/8
21	3290-357	2	Nut-Whizlock 3/8-16

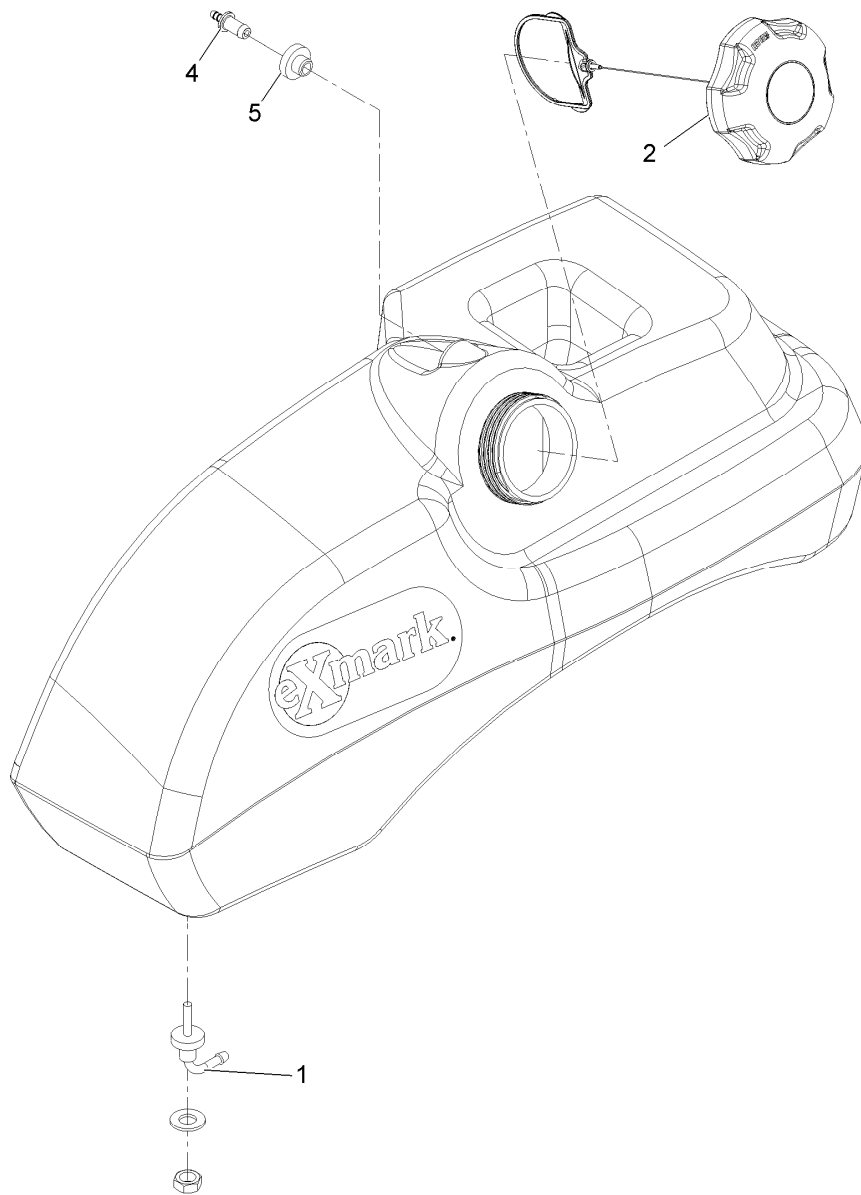


Fuel Tank Mounting Assembly

Ref.	Part Number	Qty.	Description
1	116-4610	1	ASM-Fuel Tank
2	116-3495-03	1	Bracket-Tank And Fender
3	3256-23	4	Washer-5/16 Sae
4	1-805005	2	Washer-Lock 5/16 Heavy
5	322-3	2	Screw-HH 5/16-18 X 3/4
6	1-633349	2	Spring-Compression
7	1-633023	2	Stud-Fuel Tank ●
8	3296-47	2	Nut-Nyloc 5/16-18 Thin
9	3230-18	2	Bolt-Carriage 5/16-18 X 5/8
10	104-8300	2	Nut-Nyloc 5/16-18 Flg

Ref.	Part Number	Qty.	Description
11	110-5706	1	Hose-Fuel
12	109-0282	1	Hose-Fuel
13	1-603770	1	Valve-Fuel
14	1-303077	4	Clamp-Fuel Line
15	116-4515	1	Conduit-Fuel Line
18	114-0832	1	Hose-Fuel
19	116-4630	1	Fitting-Straight Orifice
20	1-303335	1	Tie-Plastic
24	116-4802	1	Hose,Emissions

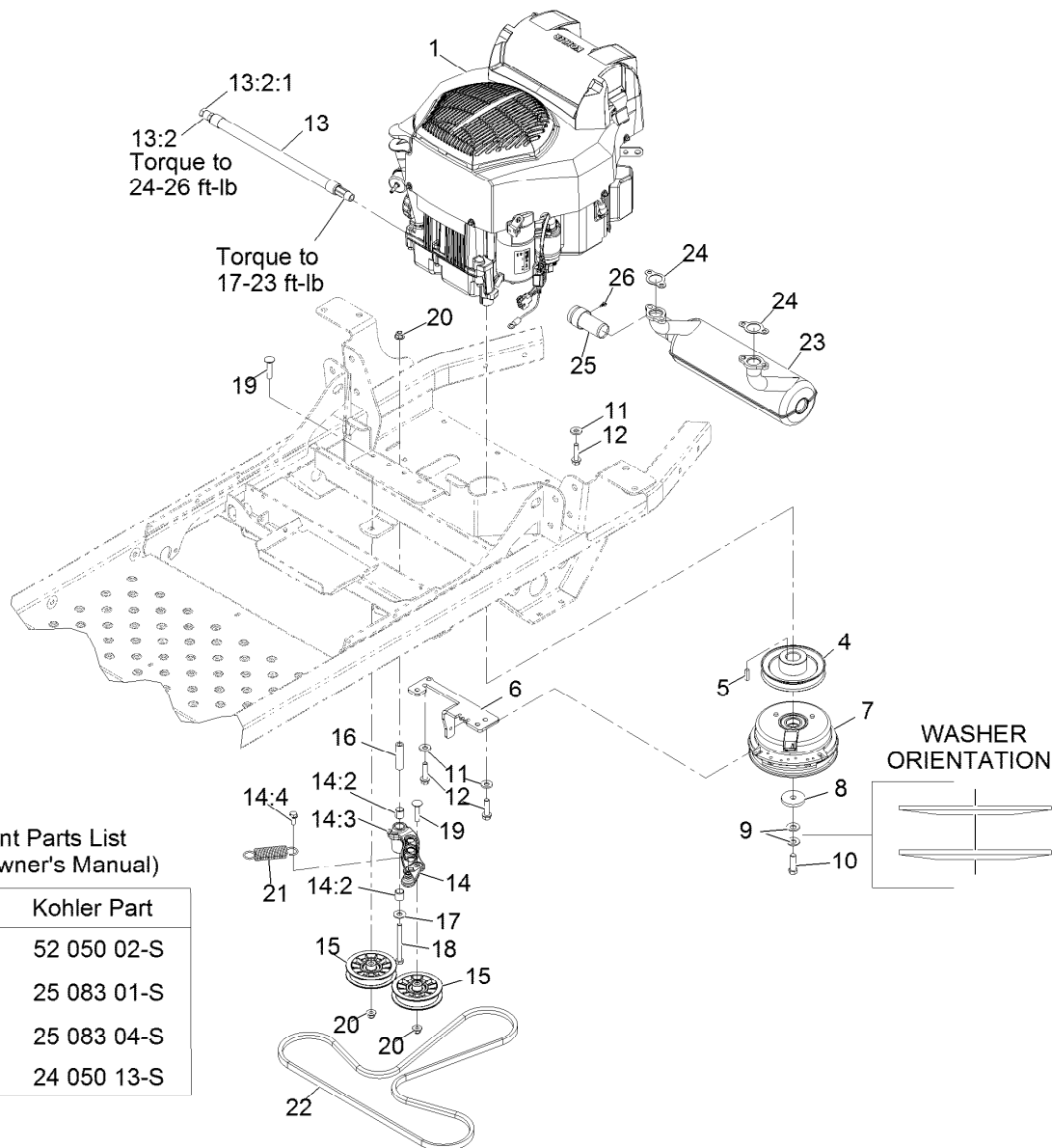
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Fuel Tank Assembly No. 116-4610

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	103-2605	1	Fitting-Fuel Bulkhead W/Strainer ●
2	120-5461	1	Cap-Fuel, Ratcheting
4	116-4630	1	Fitting-Straight Orifice
5	46-6560	1	Bushing

● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Engine Assembly

Ref.	Part Number	Qty.	Description
1		1	Engine - Kohler Zt720 ●■
4	116-1946	1	Sheave-Pump, Drive
5	1-807259	1	Key-Machine 1/4 X 1/4 X 1
6	116-4773-03	1	Anchor-Clutch
7	116-1947	1	Clutch
8	109-6919	1	Washer-Clutch
9	1-603610	2	Washer-Spring Disc 7/16
10	109-9761	1	Screw-HH 7/16-20 X 1 1/2 W/Loctite ◆
11	98-5975	4	Washer-Spring Disc 3/8
12	32144-102	4	Screw-HWH 3/8-16 X 1 1/2 Taptite
13	116-5316	1	Oil Drain Hose ASM
13:2	353-508	1	Plug-W/O-Ring
13:2:1	237-42	1	O-Ring
14	126-0973	1	ASM-Idler Arm W/Bearings

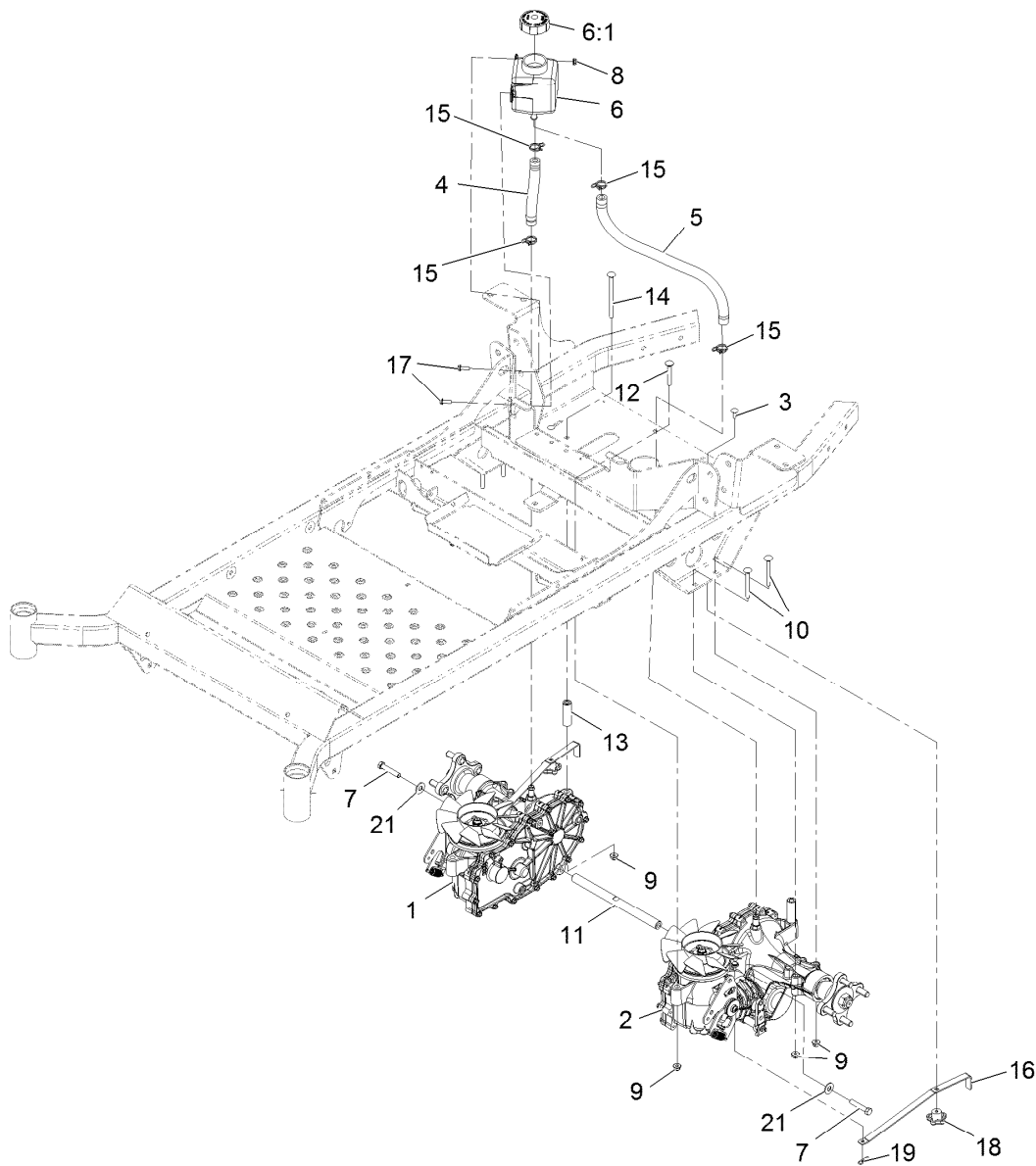
Ref.	Part Number	Qty.	Description
14:2	1-513034	2	Sleeve-Bearing
14:3	302-40	1	Zerk-90° 1/4-28
14:4	32144-11	1	Screw-HWH 5/16-18 X 3/4 Tf
15	116-2456	2	Pulley-Flat, 3.50 Dia
16	1-603384	1	Bushing-Pivot, Idler
17	3256-4	1	Washer-3/8 Std
18	323-15	1	Screw-HH 3/8-16 X 3 1/2
19	3231-5	2	Bolt-Carriage 3/8-16 X 1 3/4
20	104-8301	3	Nut-Nyloc 3/8-16 Flg
21	1-603402	1	Spring-Extension
22	115-9613	1	V-Belt
23	126-1477	1	Muffler, Kohler ▲
24	110-6697	2	Gasket-Exhaust
25	126-0268	1	Arrestor-Spark
26	126-0275	1	Screw-HWH

● Not serviced separately

▲ Includes spark arrestor and mounting screw.

◆ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.

■ Obtain parts from www.kohlerplus.com

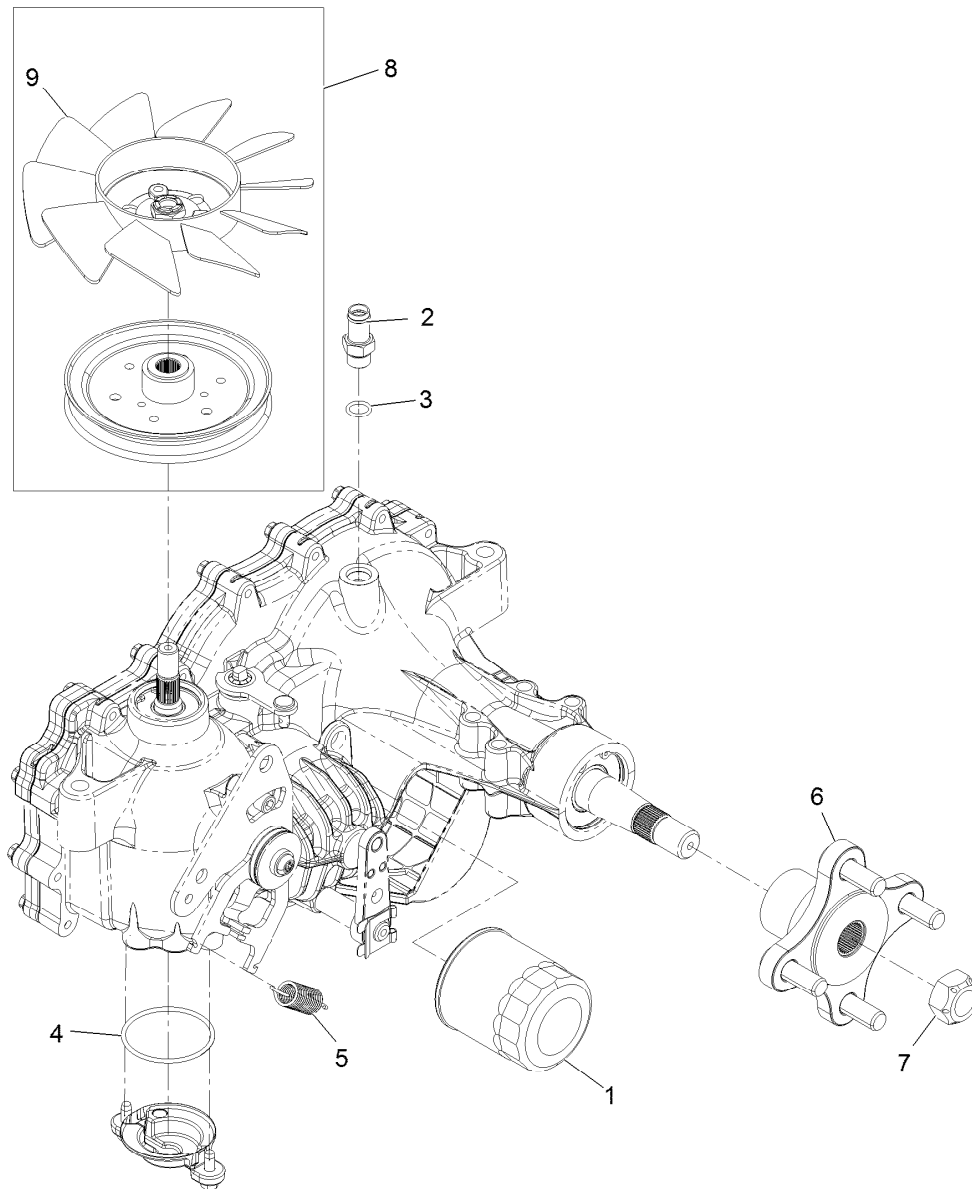


Hydraulic Assembly

Ref.	Part Number	Qty.	Description
1	116-3174	1	Transaxle ASM
2	116-3173	1	Transaxle ASM
3	3229-1	2	Bolt-Carriage 1/4-20 X 3/4
4	116-5641	1	Hose-Hydraulic
5	116-5642	1	Hose-Hydraulic
6	109-2250	1	Vent-Tank, Hydro
6:1	109-3320	1	Cap-Reservoir, HYD
7	94-7972	2	Screw-HH W/Loctite ●
8	104-7201	2	Nut-Nyloc 1/4-20 Flg
9	104-8300	8	Nut-Nyloc 5/16-18 Flg
10	3230-9	4	Bolt-Carriage 5/16-18 X 2 3/4

Ref.	Part Number	Qty.	Description
11	116-6833	1	Shaft-Spacer
12	3230-7	2	Bolt-Carriage 5/16-18 X 2 1/4
13	116-5809	2	Spacer-Hydro
14	3230-30	2	Bolt-Carriage 5/16-18 X 4 1/2
15	126-0327	4	Clamp-Hose
16	109-5395	2	Arm-Hydro Bypass
17	32105-15	2	Screw-Machine 1/4-20 X 3/4
18	108-6402	2	Knob-Handle
19	1-806003	2	Hairpin-Cotter
21	3256-4	2	Washer-3/8 Std

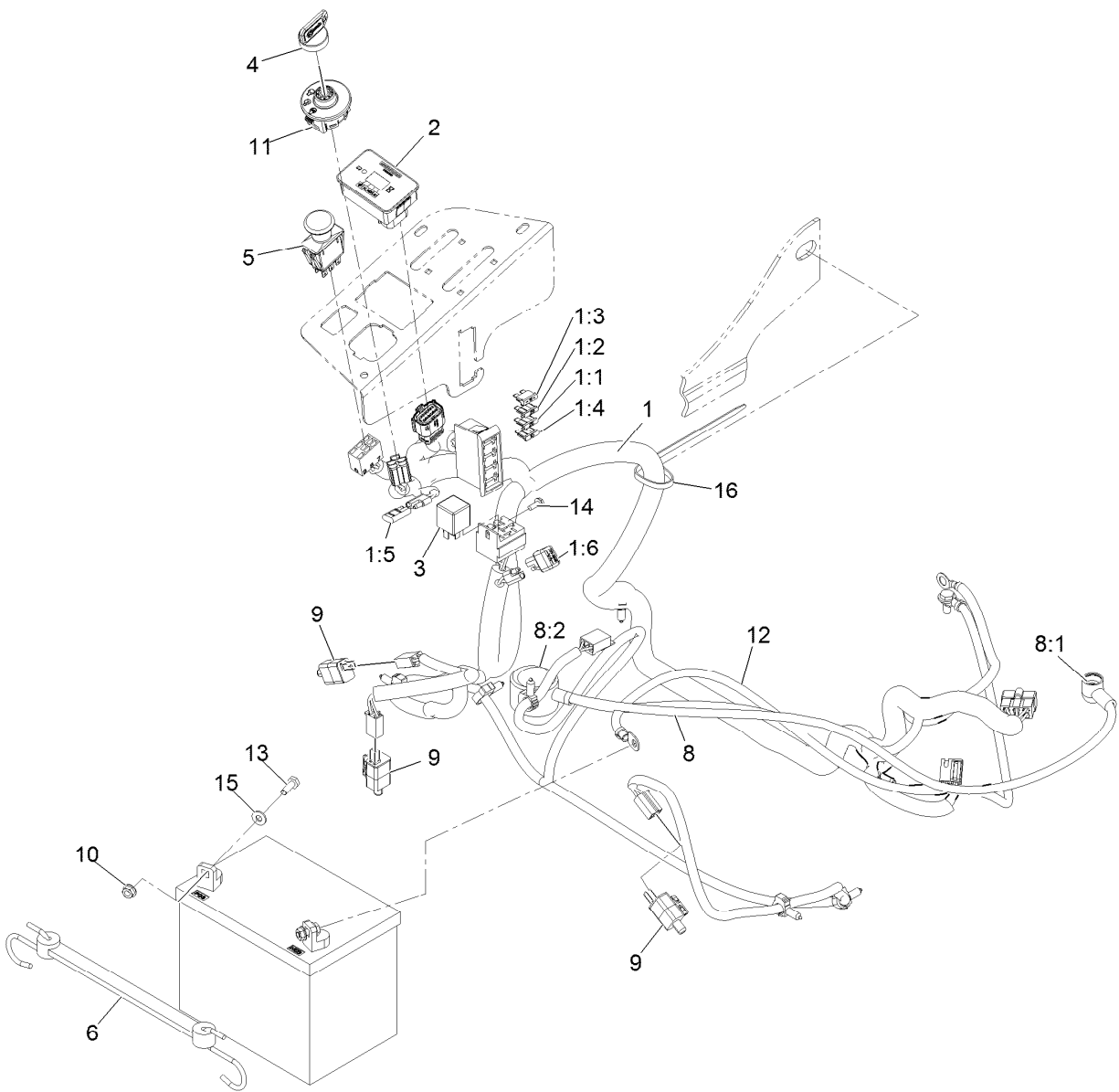
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Transaxle Assembly

Ref.	Part Number	Qty.	Description
1	109-3321	1	Element-Oil Filter, HYD
2	109-3278	1	Adapter-Straight
3	237-42	1	O-Ring
4	109-3540	1	O Ring-Seal
5	109-5592	1	Spring-Extension
6	109-5939	1	Hub Kit
7	109-3536	1	Nut-Hub
8	109-5938	1	Fan And Pulley Kit
9	114-8453	1	Fan-7.0
99	109-3537	1	Seal Kit ●

● Not illustrated



Electrical Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	116-4861	1	Harness, Wire ●	8	109-7630	1	Positive Battery Cable ASM
1:1	109102	1	Fuse-Blade, 25 Amp	8:1	109-2407	1	Insulator-Battery
1:2	1-816001	1	Fuse-Blade Type, 20 Amp	8:2	1-543393	1	Insulator-Solenoid
1:3	109355	1	Fuse-Blade, 15 Amp	9	110-6765	3	Switch
1:4	218-578	1	Fuse-Blade, 10 Amp	10	32128-33	2	Nut-Whizlock 1/4-20
1:5	116-0053	1	Cap-Plug	11	117-2221	1	Switch-Ignition
1:6	103-3895	1	Diode-Tvs	12	117-7240	1	Cable-Battery, Negative
2	116-5609	1	Module ASM	13	321-4	2	Screw-HH 1/4-20 X 3/4
3	1-643275	1	Relay-12Vdc 40 Amp	14	32144-1	1	Screw-HWH #10-24 X 1/2 Taptite
4	1-603511	1	Key-Ignition	15	3256-22	2	Washer-1/4 Sae
4	103-2106	1	Key-Exmark Logo	16	1-303335	1	Tie-Cable 7 15/16 (Large)
5	103-5221	1	Switch-PTO				
6	104-2466	1	Holddown-Battery				

● Use dielectric grease on all unsealed connectors and terminals only. Do not apply in sealed connectors.

MAXIMIZE THE PERFORMANCE OF YOUR EXMARK.

4-CYCLE PREMIUM ENGINE OIL

Part No. 116-3373

Both SAE 30 and SAE 10W-30 in one bottle.

Contains increased levels of zinc and phosphorus for better lubricity.

No Viscosity Index Improvers that tend to shear down in high heat.

Synthetic formulation.

Gas & Diesel compatible.

Anti-corrosion additives.

API 'SL' and JASO rated with wet clutch compatibility for other machines.

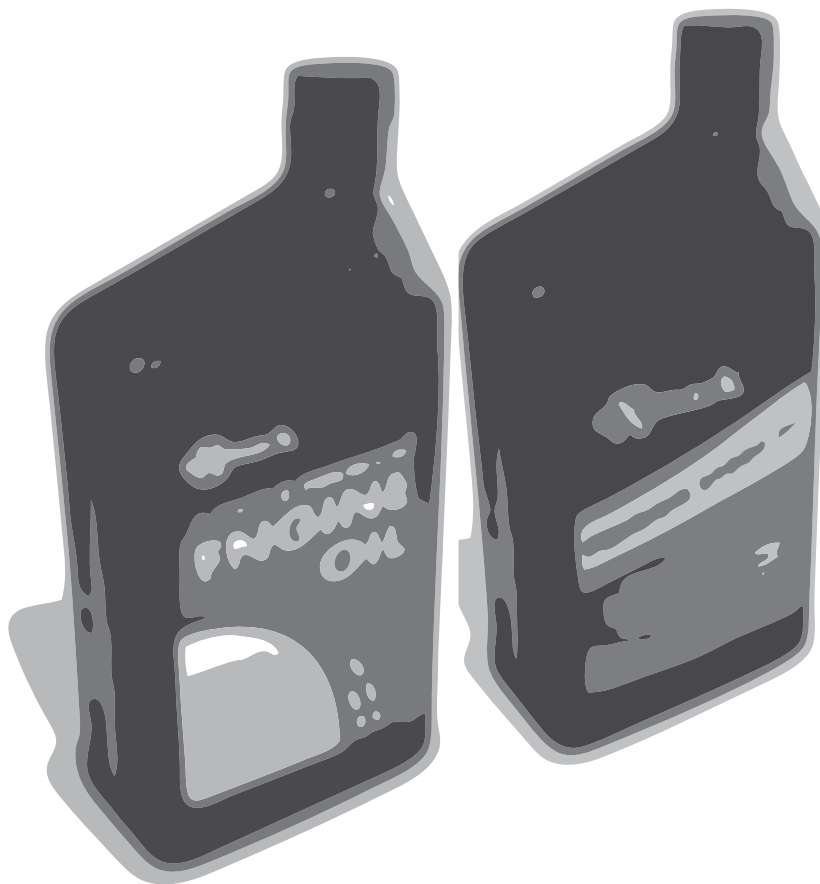
PREMIUM HYDRO OIL

Part No. 109-9828

Commercial quality for tough, high-heat conditions.

Designed specifically for zero-turn mower hydraulic systems.

Superior shear resistance under heavy loads.



Available from your local Exmark dealer. Find your closest dealer at exmark.com

EXMARK ACCESSORIES AND OPTIONS*

MID-MOUNT RIDING ACCESSORIES AND OPTIONS

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

*Some accessories and options not available for some models.

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) _____

© 2015 Exmark Mfg. Co., Inc.
Industrial Park Box 808
Beatrice, NE 68310
All Rights Reserved

Part No. 4502-139 Rev. A
(402) 223-6285
Fax (402) 223-5489
Printed in the USA.



* 4 5 0 2 - 1 3 9 * A

www.exmark.com