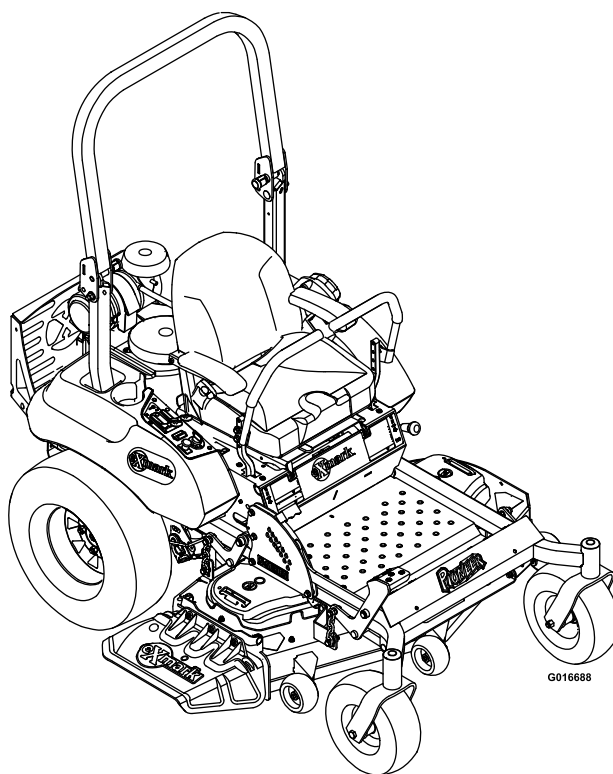




PIONEER® S-SERIES

Model No. PNS680KC523—Serial No. 313000000 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	HJ: hex jam	PRH: phillips round head
ASM: assembly	HLH: hex lag head	PTH: phillips truss head
BBC: blade brake control	HOC: height-of-cut	PTO: power-take-off
BHTF: button head thread forming	HSBH: hex socket button head	RH: right hand
CARR: carriage	HSFH: hex socket flat head	ROPS: roll-over protection system
CCW: counter clockwise	HSH: hex socket head	RRB: rear roller brush
CW: clockwise	HWH: hex washer head	SFH: slotted fillister head
DEG: degrees	HWHTF: hex washer head thread forming	SHH: slotted hex head
DPA: Dual Point Adjustment	HYD: hydraulic	SHWH: slotted hex washer head
ECM: electronic control module	LH: left hand	SPH: slotted pan head
EXT: external	LP: Liquefied Petroleum Gas	SQH: square head
FH: flat head	LPG: Liquefied Petroleum Gas	SRH: slotted round head
GA: gauge	NI: nylon insert	STD: standard
HD: heavy-duty	NPTF: national pipe thread fine	TAP: self tapping
HF: hex flange	PFH: phillips flat head	TTH: torx truss head
HH: hex head	PPH: phillips pan head	
HHF: hex head flange	PPHTF: phillips pan head thread forming	
HHFTF: hex head flange thread forming		

Touch Up Paint

Exmark black touch up spray paint – gloss black.

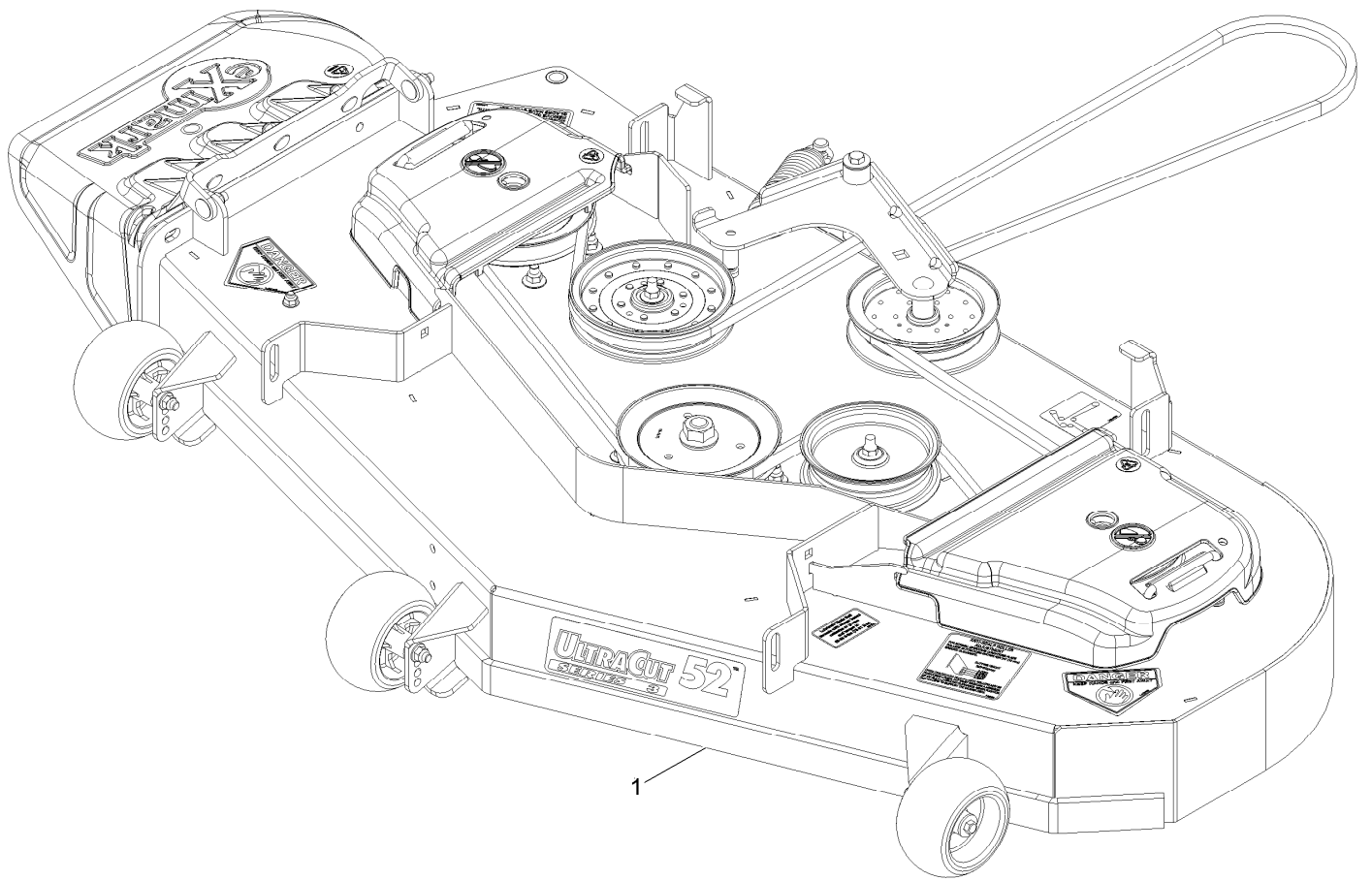
Exmark red touch up paint (spray paint – P/N 1-850337 - .6 oz liquid bottle – P/N 103-9140).



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.)

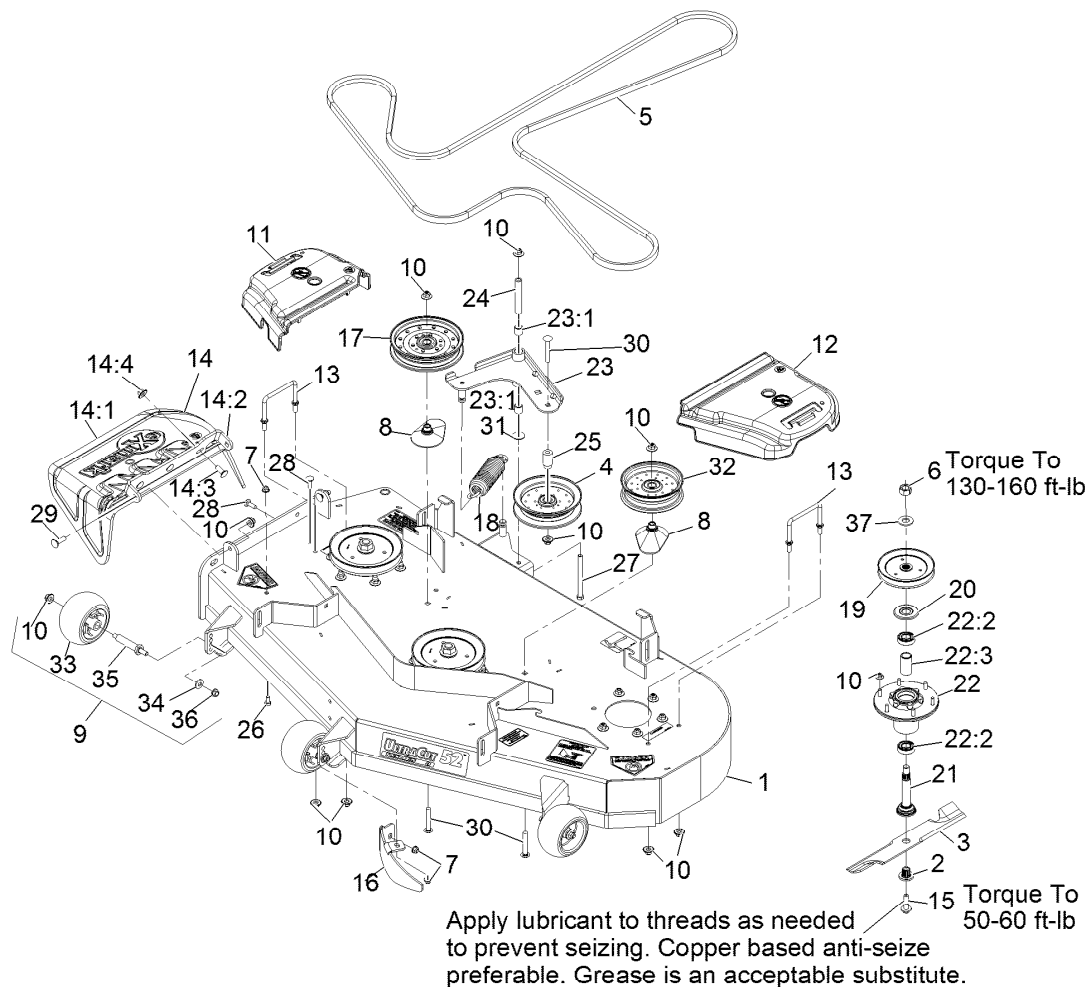
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Complete Deck Assembly No. 116-4812

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	116-4812	1	ASM-Deck Complete 523

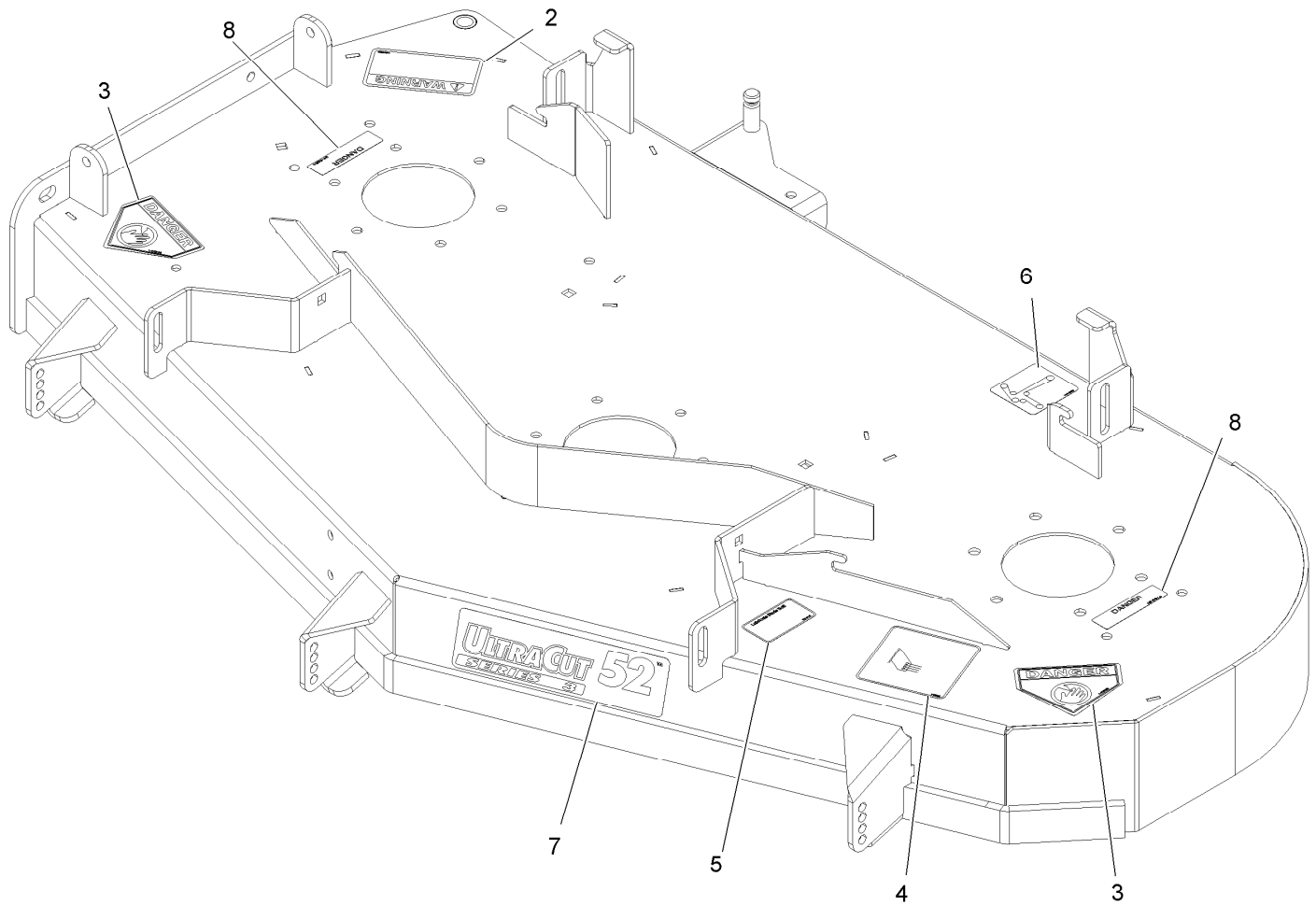


Deck Assembly

Ref.	Part Number	Qty.	Description
1	116-3196	1	ASM-Deck W/Decals, 52
2	103-3037	3	Bushing, Splined
3	103-6382	3	Blade, Solid 18.0 (.94 Hole)
3	116-5175	3	Blade-Extreme 2, 18.00"
3	103-6387	3	Blade, Low Lift 18.0 (.94 Hole)
3	103-6392	3	Blade, Mulch 18.0 (.94 Hole)
3	103-6402	3	Blade-Notched
4	116-4668	1	Idler-Pulley, Flanged
5	103-9273	1	Belt-B162.50
6	116-7306	3	Nut-Hex
7	104-8300	3	Nut-Nyloc 5/16-18 Flg
8	109-2872	2	Spacer-Pulley
9	103-4051	3	Kit, Anti-Scalp Roller
10	109-6658	31	Nut-Nyloc 3/8-16 Flg
11	109-6935	1	Cover-Belt, RH
12	109-6936	1	Cover-Belt, LH
13	109-6982	2	Wireform-Cover
14	109-7188	1	ASM, Discharge Chute
14:1	109-2738	1	Chute, Discharge
14:2	109-8675-01	1	Bracket, Discharge Chute
14:3	3231-22	3	Bolt-Carriage 3/8-16 X 1
14:4	109-6658	3	Nut-Nyloc 3/8-16 Flg
15	109-9220	3	Screw-Sems 1/2-20 X 2.19
16	116-5835-01	1	Baffle-Dogleg, Lze-Pns-52

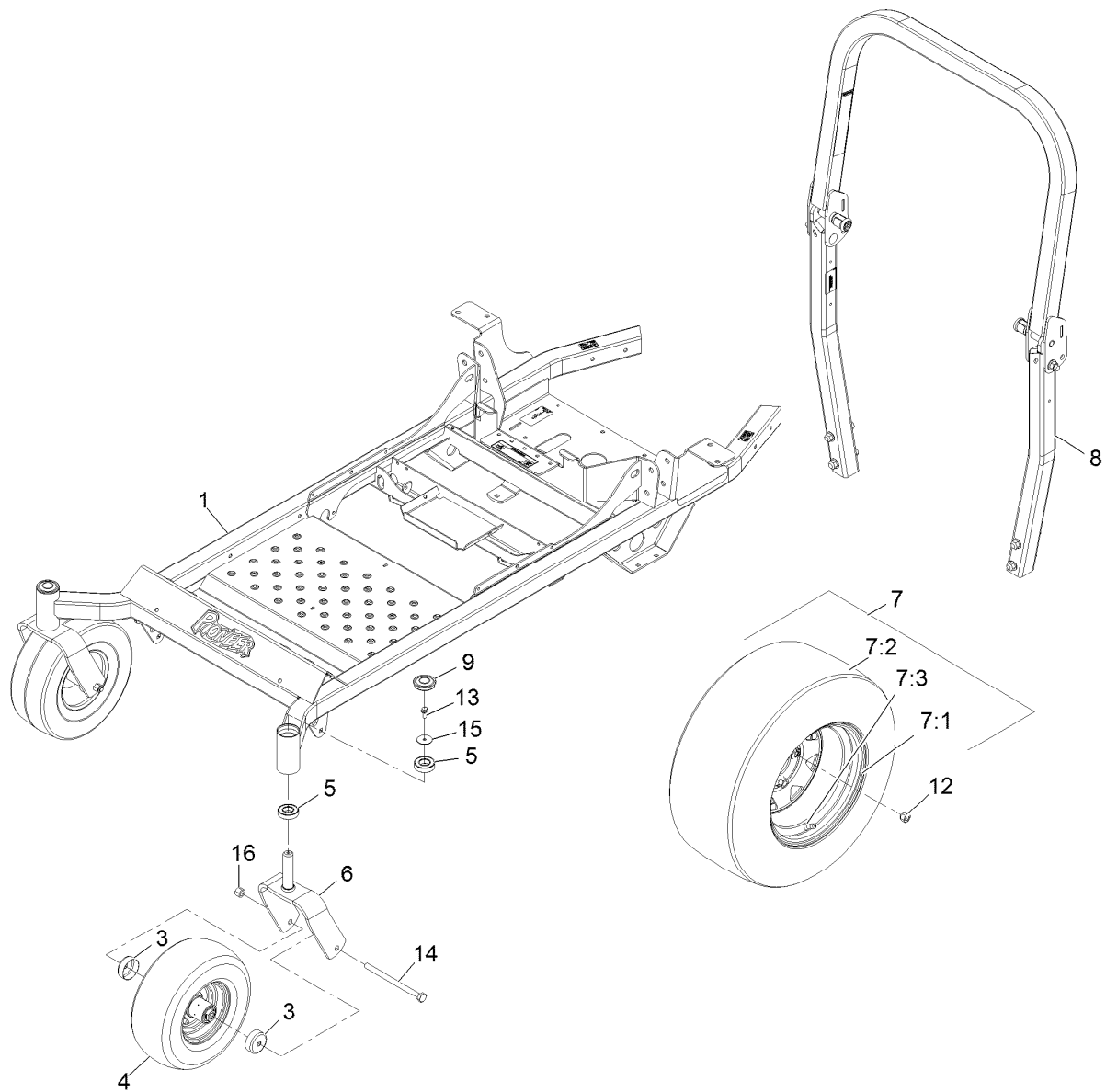
Ref.	Part Number	Qty.	Description
17	116-4670	1	Pulley-Idler, Flat
18	116-6317	1	Spring-Extension
19	116-0675	3	Sheave, Blade Drive 6.50
20	116-1286	3	Guard, Bearing Top .989
21	116-3342	3	ASM-Spindle And Seal
22	116-3344	3	ASM-Cutter Hsg With Bearings
22:2	116-0720	2	Bearing-Ball
22:3	116-3312	1	Spacer-Bearing
23	116-4693	1	ASM-Idler Arm
23:1	1-513034	2	Sleeve-Bearing
24	116-5111	1	Bushing
25	116-4714	1	Bushing-Idler
26	322-2	1	Screw-HH 5/16-18 X 5/8
27	323-23	1	Screw-HH 3/8-16 X 4-1/2
28	3230-2	2	Bolt-Carriage 5/16-18 X 1
29	3231-25	2	Bolt-Carriage 3/8-16 X 1 1/4
30	3231-44	3	Bolt-Carriage 3/8-16 X 2 1/2
31	52-2860	1	Washer
32	116-4669	1	Idler-Pulley, Flat
33	1-603299	3	Roller-Scalp, Anti
34	98-5975	3	Washer-Spring Disc 3/8
35	99-2842	3	Spacer
36	3290-357	3	Nut-Whizlock 3/8-16
37	103-2802	3	Washer-Spring Disc 3/4

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



Deck W/Decals Assembly No. 116-3196

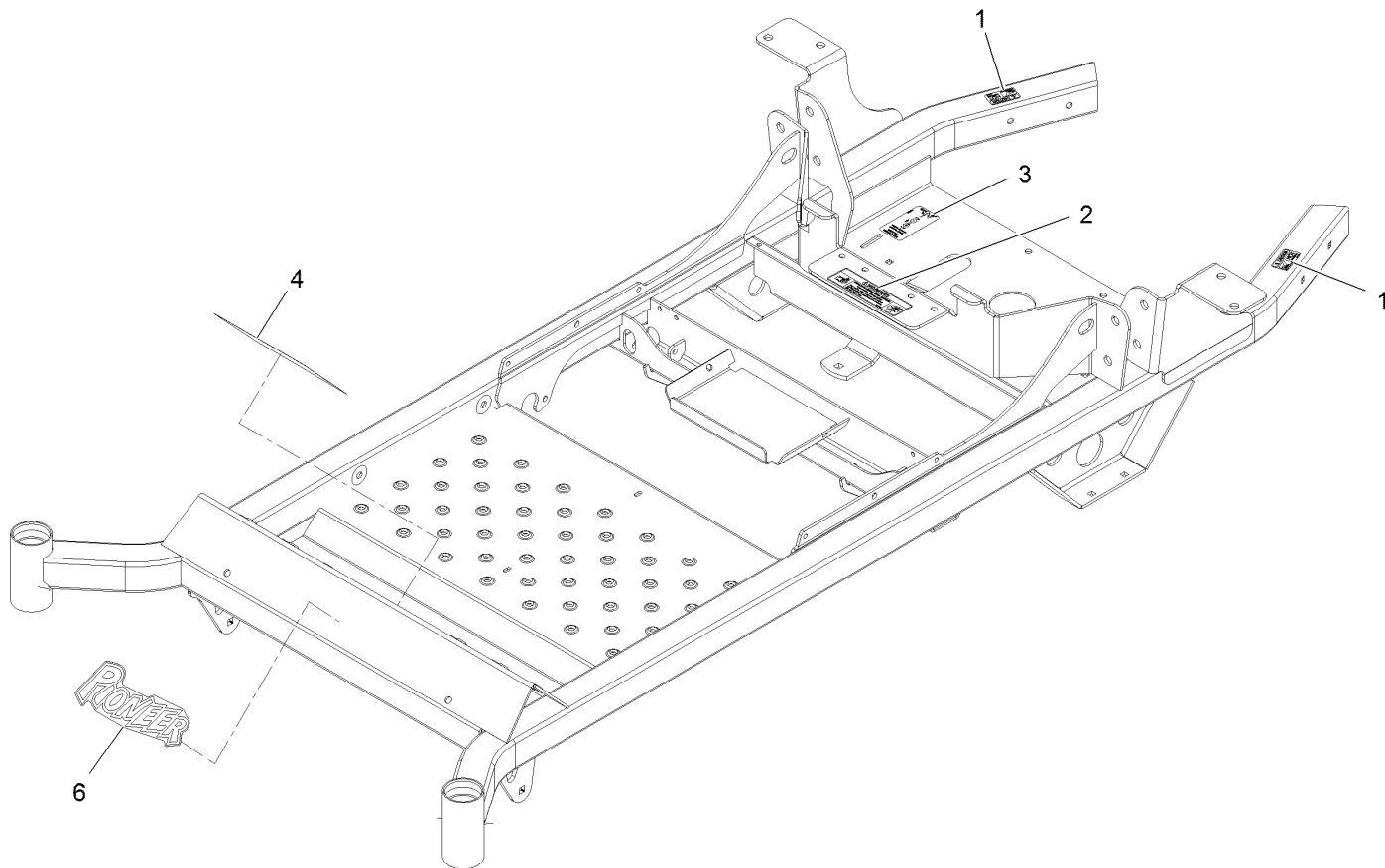
Ref.	Part Number	Qty.	Description
2	1-303508	1	Decal-Warning, Discharge
3	1-403005	2	Decal-Danger
4	1-633922	1	Decal,Antiscalp
5	109-3148	1	Decal,Bolt Torque
6	109-6035	1	Decal-Belt Routing
7	116-4699	1	Decal-Ultracut 52 Series 3
8	98-5954	2	Decal-Cover, Missing



Main Frame Assembly

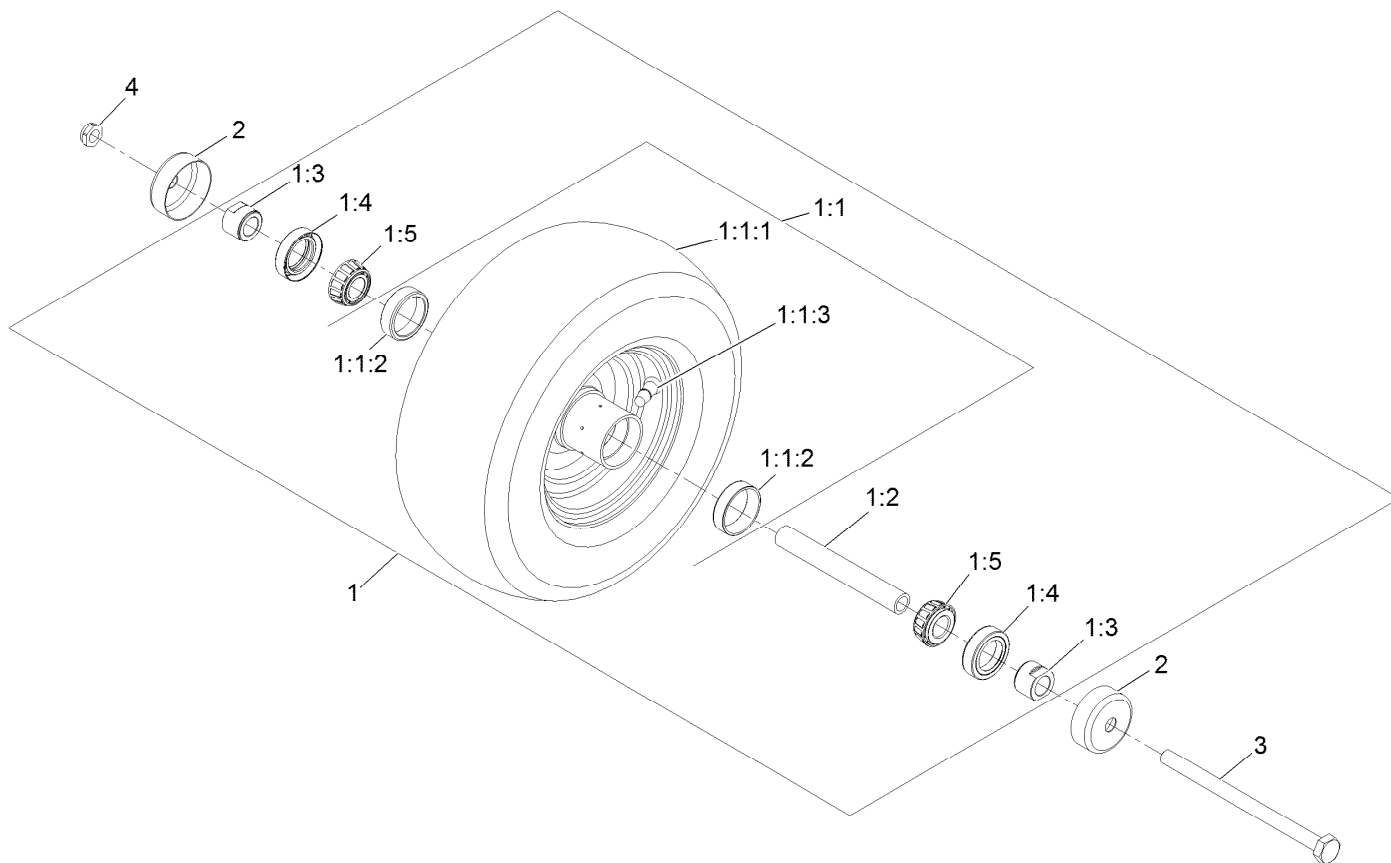
Ref.	Part Number	Qty.	Description
1	116-6831	1	Frame ASM-48-52
3	103-2768	4	Guard-Seal
4	103-5189	2	ASM, Wheel & Tire W/ Axle
5	109-3678	4	Bearing-Ball
6	116-0611-01	2	Wld,Caster Fork
7	116-6318	2	ASM-Wheel And Tire 22 X 9.50-12
7:1	116-6320	1	Wheel-12X7, 8 Spoke 4 On 4

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



Mainframe W/Decals Assembly No. 116-6831

Ref.	Part Number	Qty.	Description
1	103-2076	2	Decal-Caution
2	116-1119	1	Decal,Belt Drive
3	116-6363	2	Decal-Drive Release
4	116-3303	1	Decal-Slope
6	116-4570	1	Decal-Pioneer Logo

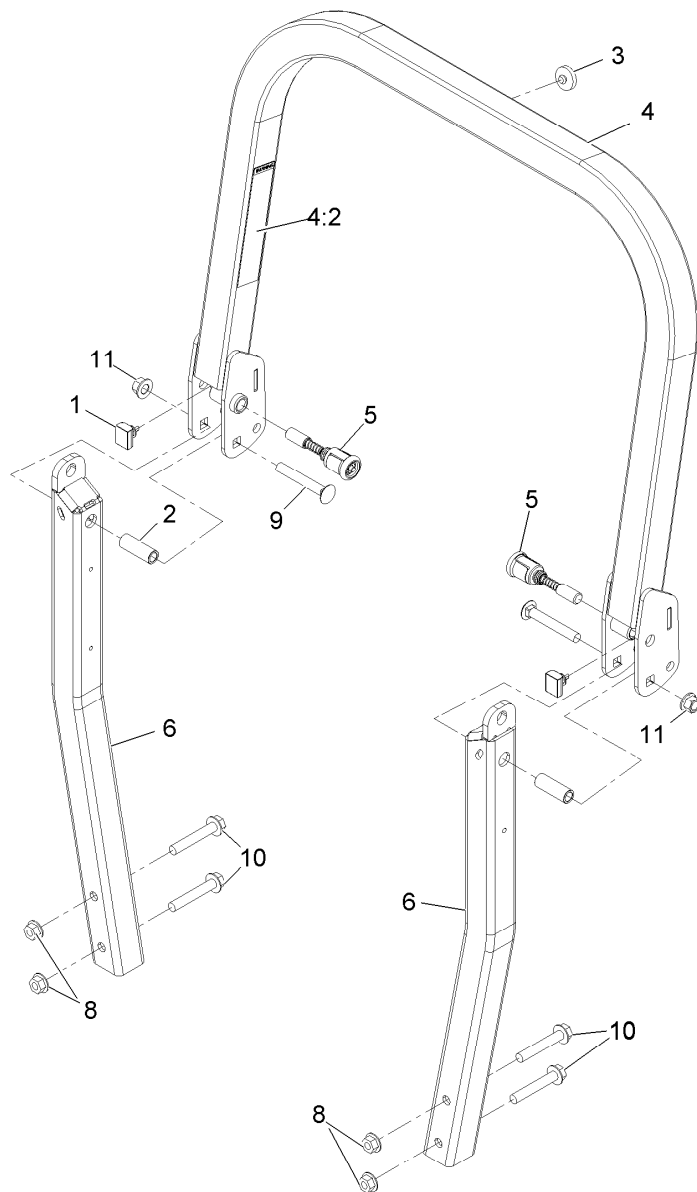


Caster Wheel Assembly No. 103-5189

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

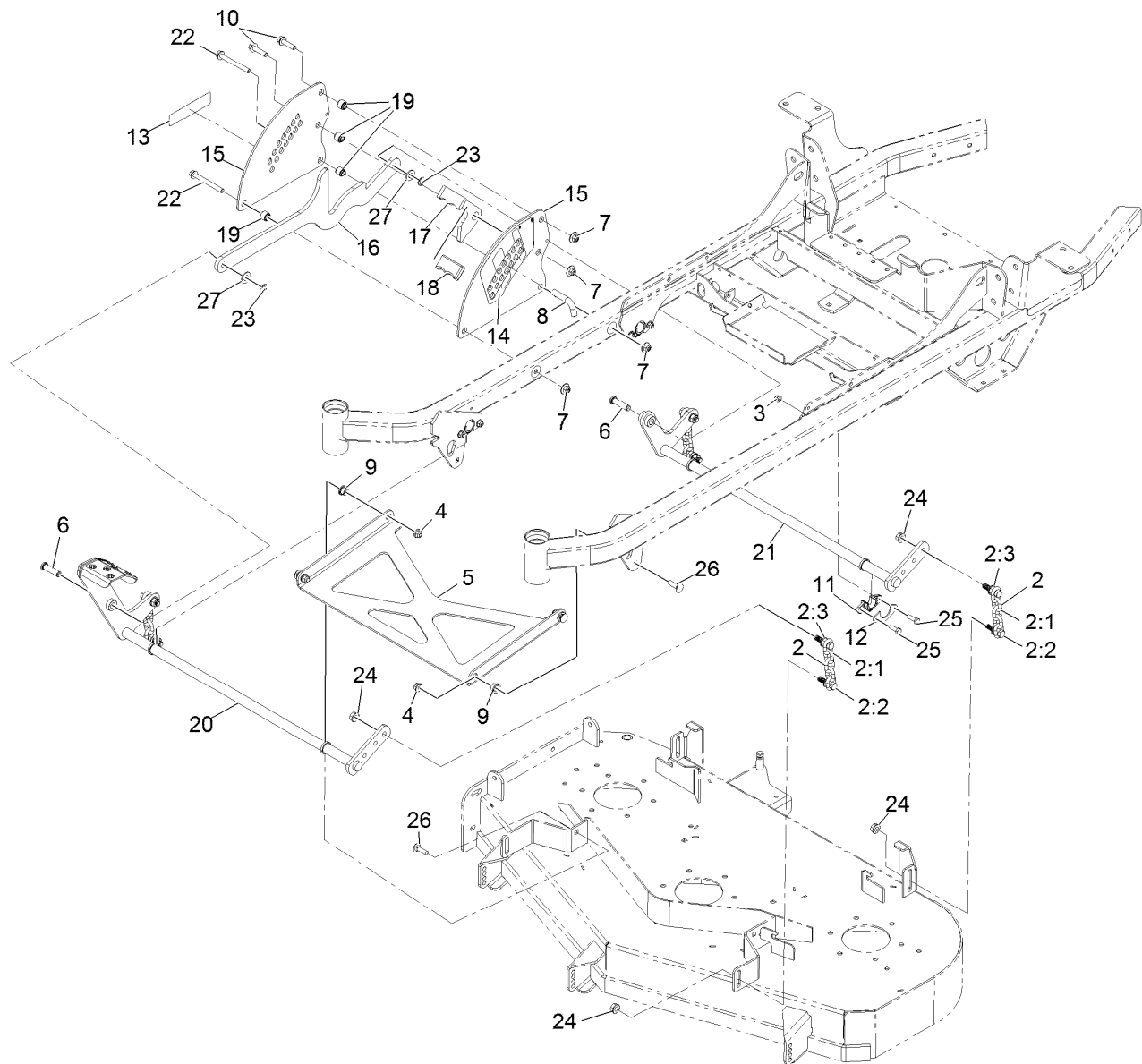
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Roll-Over Protection System Assembly No. 116-3498

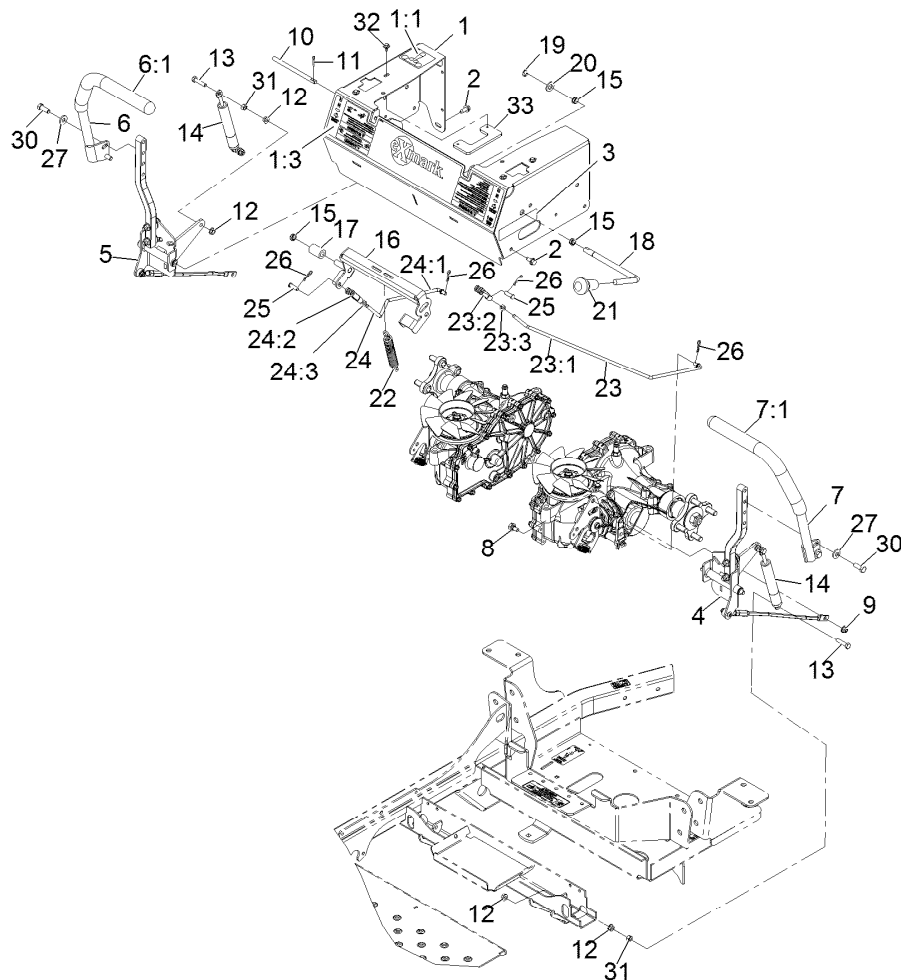
Ref.	Part Number	Qty.	Description
1	109-5337	2	Bumper-ROPS
2	109-6653	2	Spacer
3	109-9233	1	Bumper-Push-In, Rubber
4	116-0019	1	Upper ROPS ASM
4:2	107-2102	1	Decal-Warning, Folding ROPS
5	116-0104	2	Pin-Spring
6		2	ASM-Lwr ROPS Leg ●
8	32128-49	4	Nut-Whizlock 1/2-13
9	3233-10	2	Bolt-Carriage 1/2-13 X 3 1/2
10	3234-40	4	Screw-HF
11	99-5107	2	Nut-Lock 1/2-13

● Not serviced separately



Deck Lift Assembly

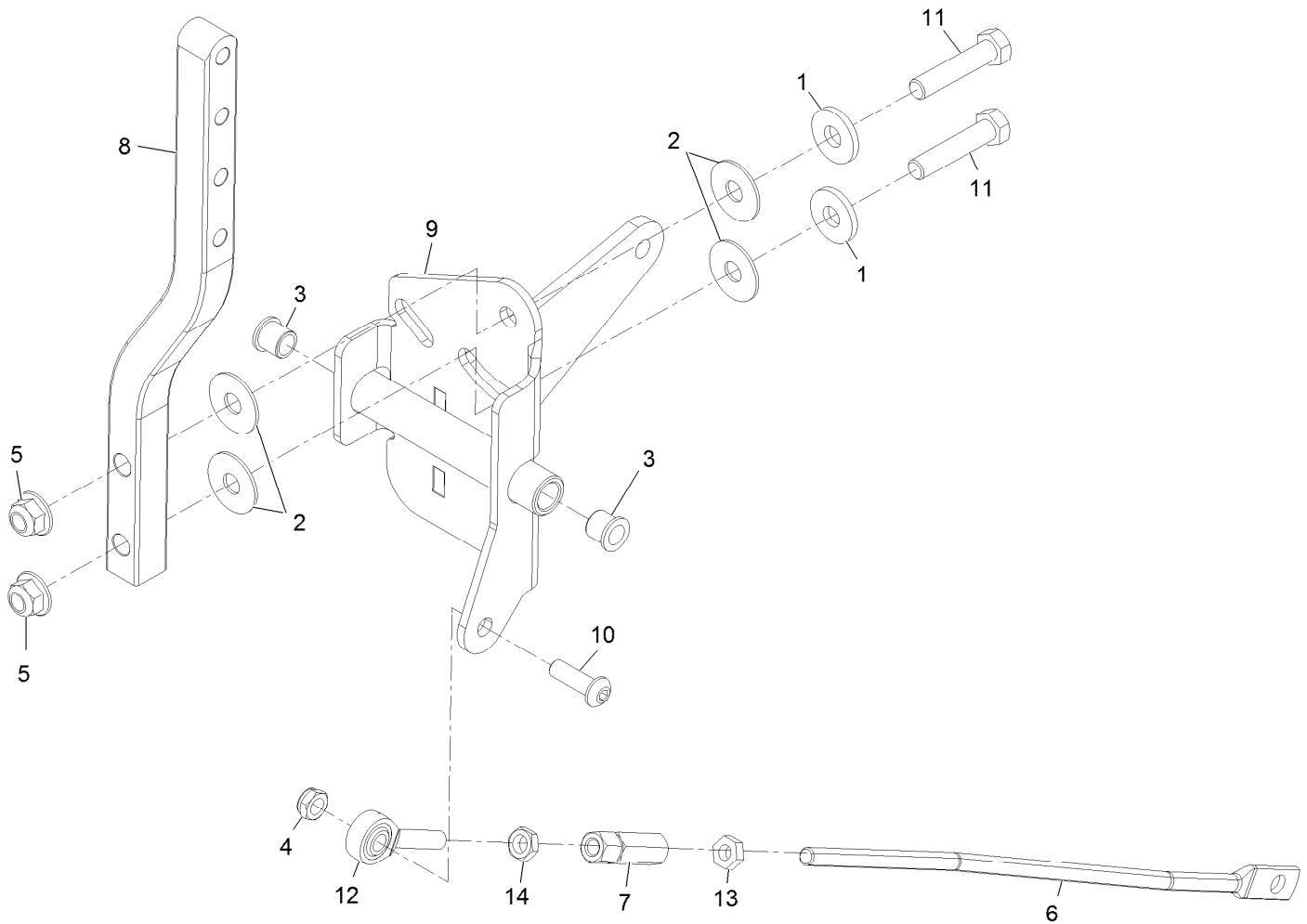
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
2	103-9817	4	Deck Chain ASM	13	116-3884	1	Decal-S-Series
2:1	1-633447	1	Chain-Lift, Deck	14	116-4308	1	Decal-Height Of Cut
2:2	103-1898	2	Screw-HH 7/16-20 X 1-5/8 Sp	15	116-4309-03	2	Plate,Deck Lift
2:3	32128-37	2	Nut-Whizlock 7/16-14	16	116-4310-03	1	Link-HOC
3	104-8300	8	Nut-Nyloc 5/16-18 Flg	17	116-4311	1	Transport Lock-HOC
4	104-8301	4	Nut-Nyloc 3/8-16 Flg	18	116-4312	1	Grip-3/8 X 1 Flat Bar
5	109-3723-01	1	Strut-Deck	19	116-4313	4	Spacer-Double Step
6	109-5819	2	Pin-Clevis	20	116-6011-03	1	Wld-Deck Lift Shaft Frt
7	109-6658	4	Nut-Nyloc 3/8-16 Flg	21	116-6012-03	1	Wld-Deck Lift Shaft Rr
8	116-5584	1	Pin-HOC	22	116-4701	2	Screw-HHF
9	109-8788	4	Bushing-Flanged	23	32120-47	2	Ring-Retaining
10	114-4681	2	Screw-HHF	24	32128-37	8	Nut-Whizlock 7/16-14
11	115-5065	4	Bushing-Flange	25	322-5	8	Screw-HH 5/16-18 X 1
12	116-2887	4	Gusset-Deck Lift	26	3231-25	4	Bolt-Carriage 3/8-16 X 1 1/4
				27	3256-26	2	Washer-1/2 Sae



Motion Control Assembly

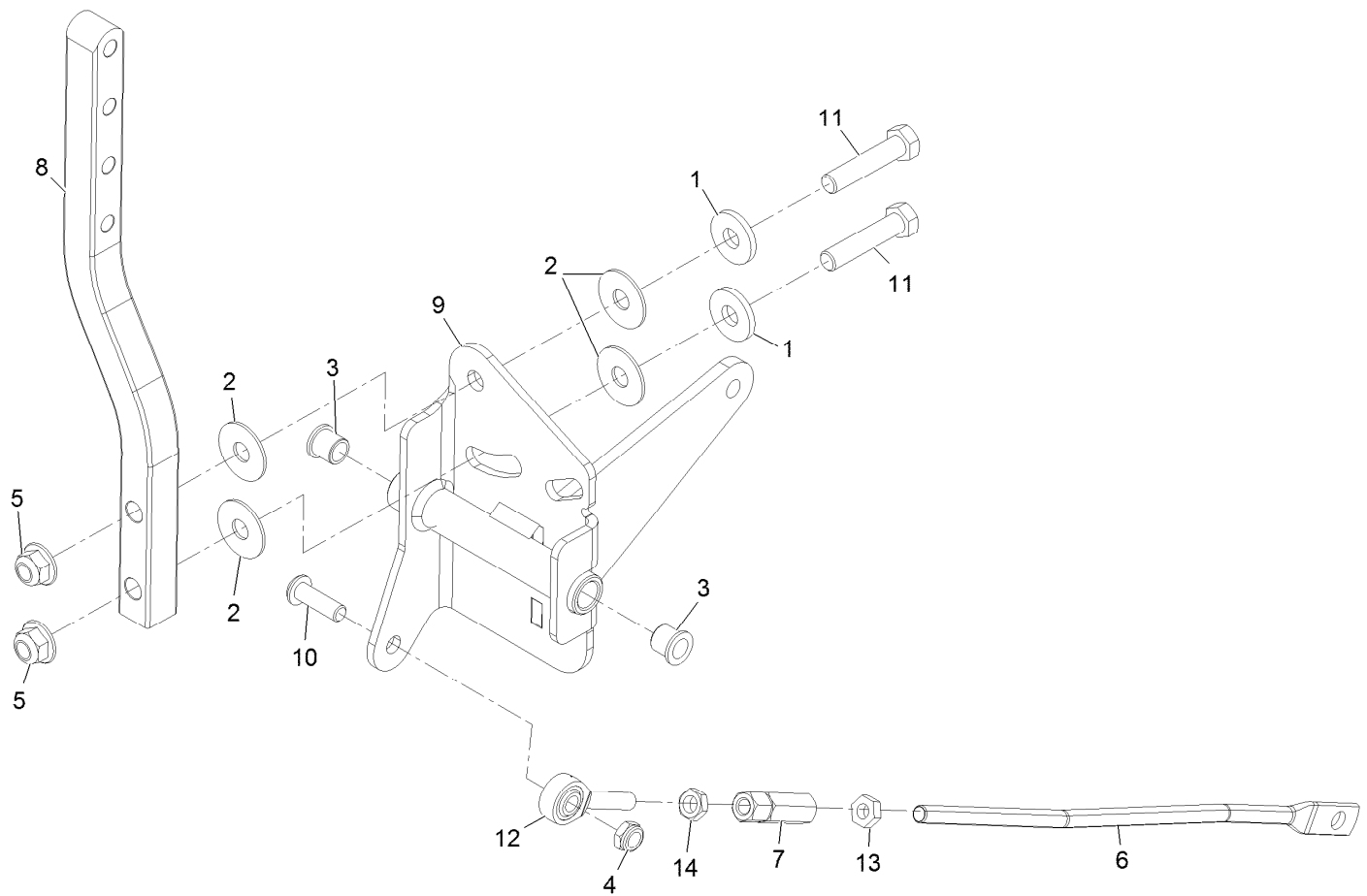
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	116-3188	1	ASM-Mot Ctrl Frm W/Dcl	16	116-6233	1	ASM-Brake Center Arm
1:1	109-6014	1	Decal-Belt Routing	17	109-5010	1	Spacer
1:3	116-4430	1	Decal-Front Panel	18	116-3155	1	Handle, Brake
2	32144-70	6	Screw-HWH 5/16-18 X 3/4 Tf	19	32120-47	1	Ring-Retaining
3	116-3884	1	Decal-S-Series	20	106-9888	1	Washer-Flat
4		1	Motion Control ASM-LH ●	21	106-7952	1	Knob
5		1	Motion Control ASM-RH ●	22	88-6130	1	Spring-Deck, Engagement
6	119-3486	1	RH Handle ASM	23	116-1165	1	Brake Linkage ASM-LH
6:1	108-6187	1	Grip	23:1	116-1167	1	Linkage, Brake LH
7	119-3485	1	LH Handle ASM	23:2	1-303105	1	Yoke-Adjustable
7:1	108-6187	1	Grip	23:3	3220-2	1	Nut-Jam 5/16-24
8	37-8771	2	Screw-Shoulder 5/16-18 X 5/8	24	116-1166	1	Brake Linkage ASM-RH
9	104-8300	2	Nut-Nyloc 5/16-18 Flg	24:1	116-1168	1	Linkage-Brake, RH
10	109-3705	2	Pin-Control Pivot	24:2	1-303105	1	Yoke-Adjustable
11	3272-10	2	Pin-Cotter 1/8 X 3/4	24:3	3220-2	1	Nut-Jam 5/16-24
12	32128-20	8	Nut-Whizlock 5/16-18	25	1-808280	2	Pin-Clevis 5/16 X 1 49/64
13	1-403180	4	Screw-HH 5/16-18 X 1 1/4 Sp	26	1-806003	4	Hairpin-Cotter
14	109-5957	2	Damper-Motion Control	27	98-5975	4	Washer-Spring Disc 3/8
15	116-1393	3	Bushing, Snap	30	323-6	4	Screw-HH 3/8-16 X 1
				31	3217-6	4	Nut-Hex 5/16-18
				32	46-8560	4	Screw-HHF 1/4-20 X 1/2
				33	109-6214	2	Stop-Motion Control

● Not serviced separately



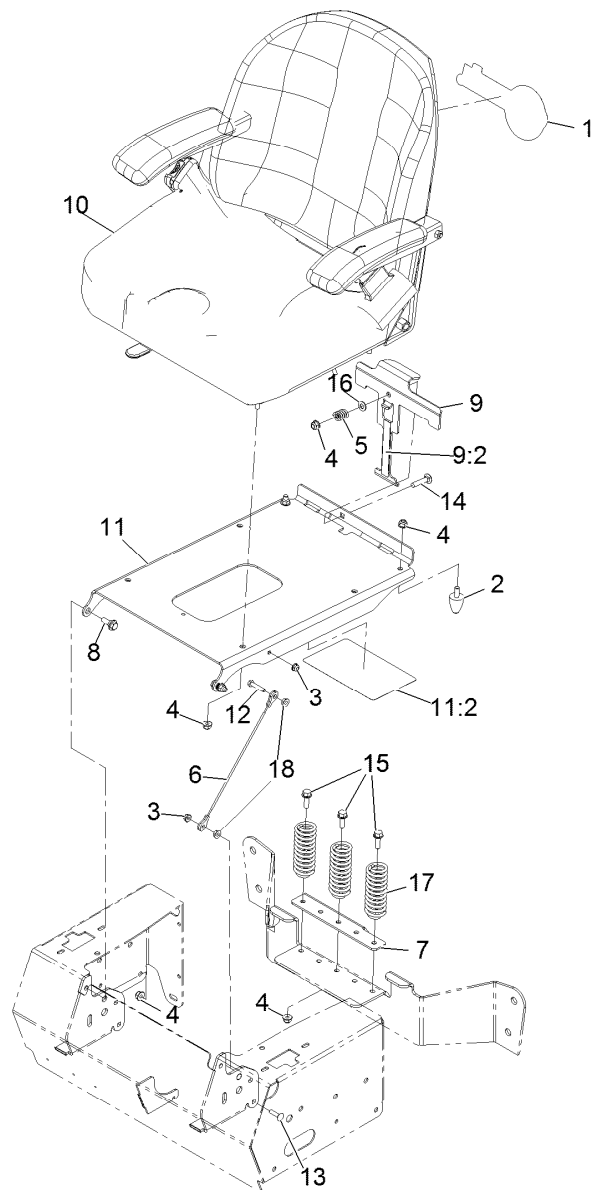
Motion Control Assembly - LH

Ref.	Part Number	Qty.	Description
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	116-5477	1	LH 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



Motion Control Assembly - RH

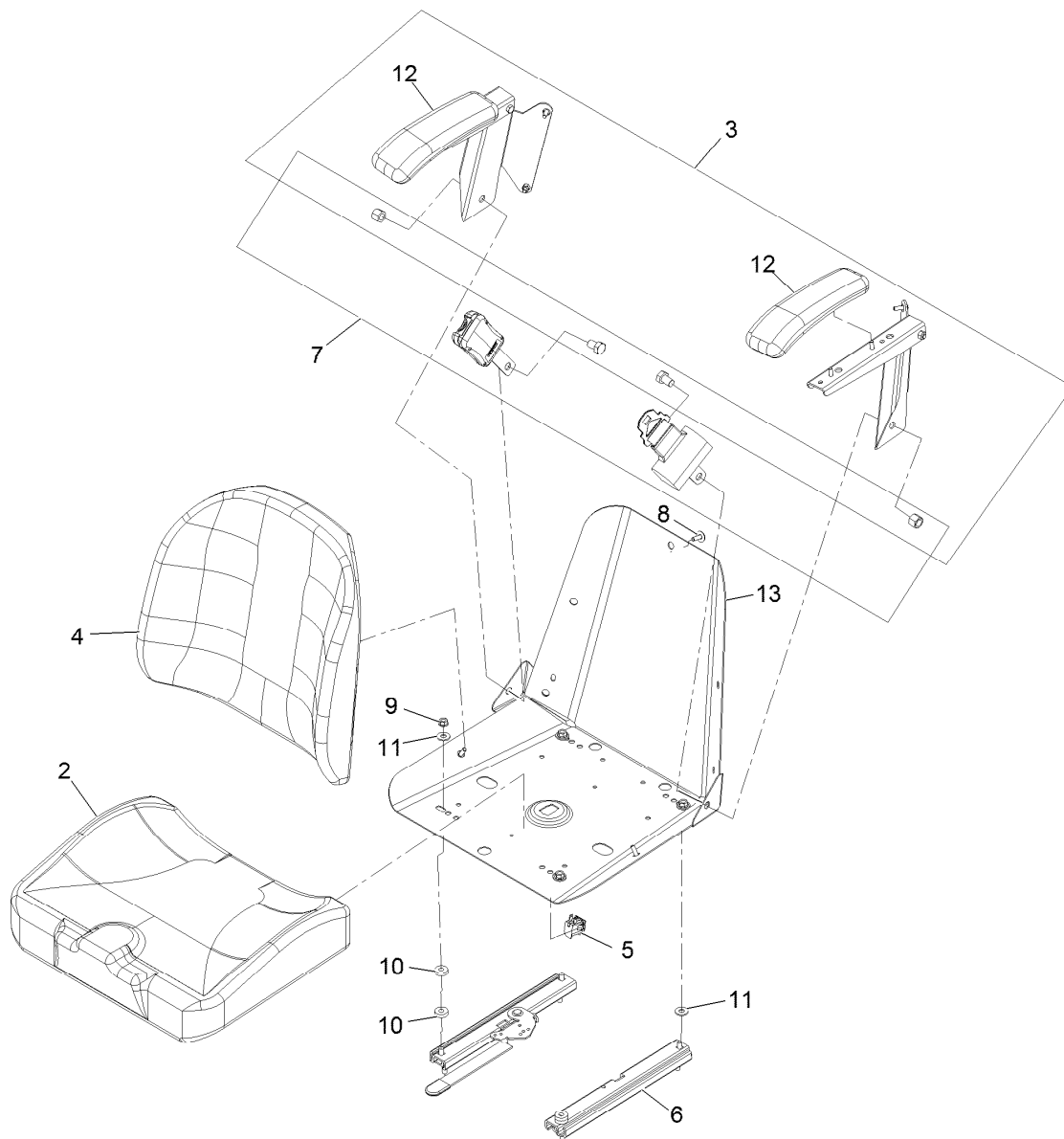
Ref.	Part Number	Qty.	Description
1	5-0838	2	Washer
2	52-2900	4	Washer-Plastic
3	103-9928	2	Bearing
4	3296-47	1	Nut-Nyloc 5/16-18 Thin
5	104-8301	2	Nut-Nyloc 3/8-16 Flg
6	116-2543	1	Link,Motion Control
7	109-3728	1	Nut-Rod Adjustment
8	116-3183	1	Arm-Motion Control
9	116-5476	1	RH Control Pivot ASM
10	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

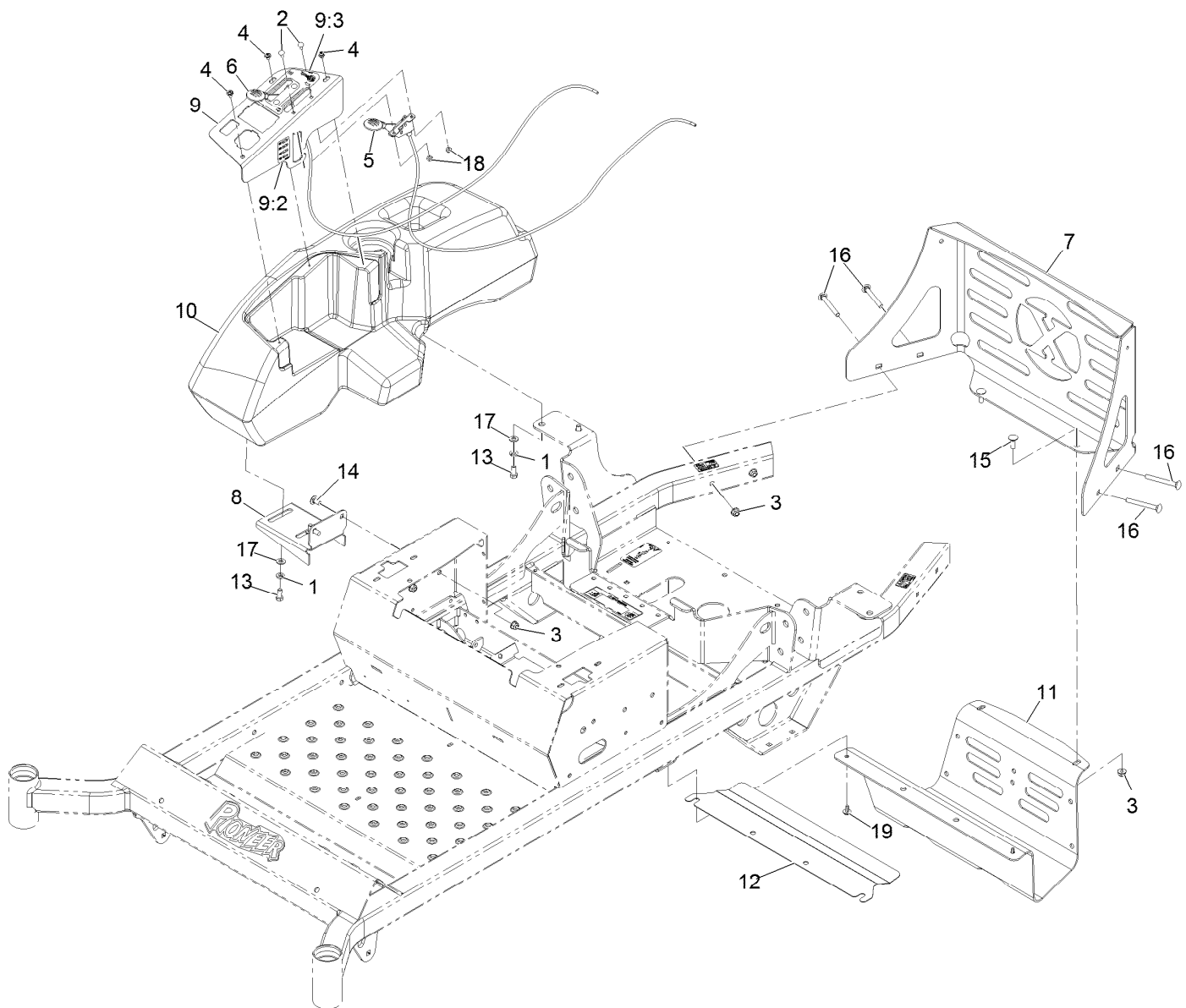
Ref.	Part Number	Qty.	Description
1	103-2882	1	Decal,Exmark Logo
2	103-9376	2	Bumper-Seat
3	104-7201	2	Nut-Nyloc 1/4-20 Flg
4	104-8300	12	Nut-Nyloc 5/16-18 Flg
5	107-3017	1	Spring-Compression
6	109-2628	1	Cable-Stop, Seat
7	116-0871	1	Catch,Seat Latch
8	116-1297	2	Screw-Shoulder
9	116-3121	1	ASM-Seat Latch
9:2	116-3120	1	Strip-Poly Wear
10	116-6192	1	Asm-Seat Service

Ref.	Part Number	Qty.	Description
11	116-4418	1	Plate, Seat W/Decals
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	92-7054	3	Spring-Compression
18	32128-33	2	Nut-Whizlock 1/4-20



Seat W/Tracks Assembly No. 116-6192

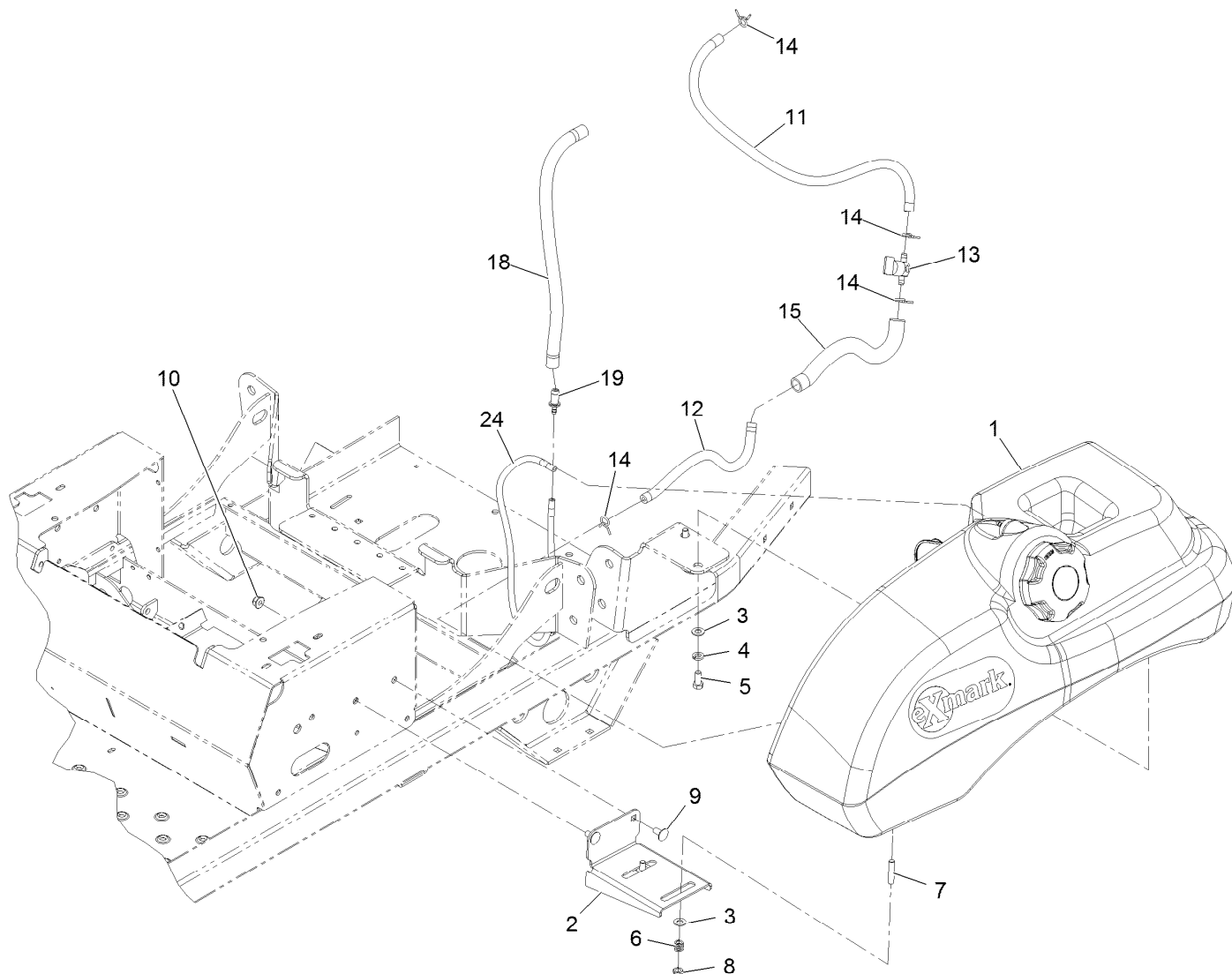
Ref.	Part Number	Qty.	Description
2	116-7329	1	Cushion-Seat Bottom
3	110-5719	1	Armrest Kit
4	116-3738	1	Cushion,Seat Back
5	82-2190	1	Switch
6	1-643255	1	Track-Seat
7	116-2981	1	Seat Belt Kit
8	103-8383	7	Screw-HWH 1/4-20 X 3/4 Taptite
9	32128-20	4	Nut-Whizlock 5/16-18
10	26-4840	4	Spacer-Pin, Mounting
11	3256-3	6	Washer-5/16 Std
12	110-4163	2	Cushion-Rest, Arm
13	116-7496	1	Frame-Seat



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	116-4919	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

Ref.	Part Number	Qty.	Description
10	116-4138	1	Console,RH
11	116-4708-03	1	Guard-Muffler
12	116-6004-03	1	Shield-Heat Deflector
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	46-8560	2	Screw-HHF 1/4-20 X 1/2

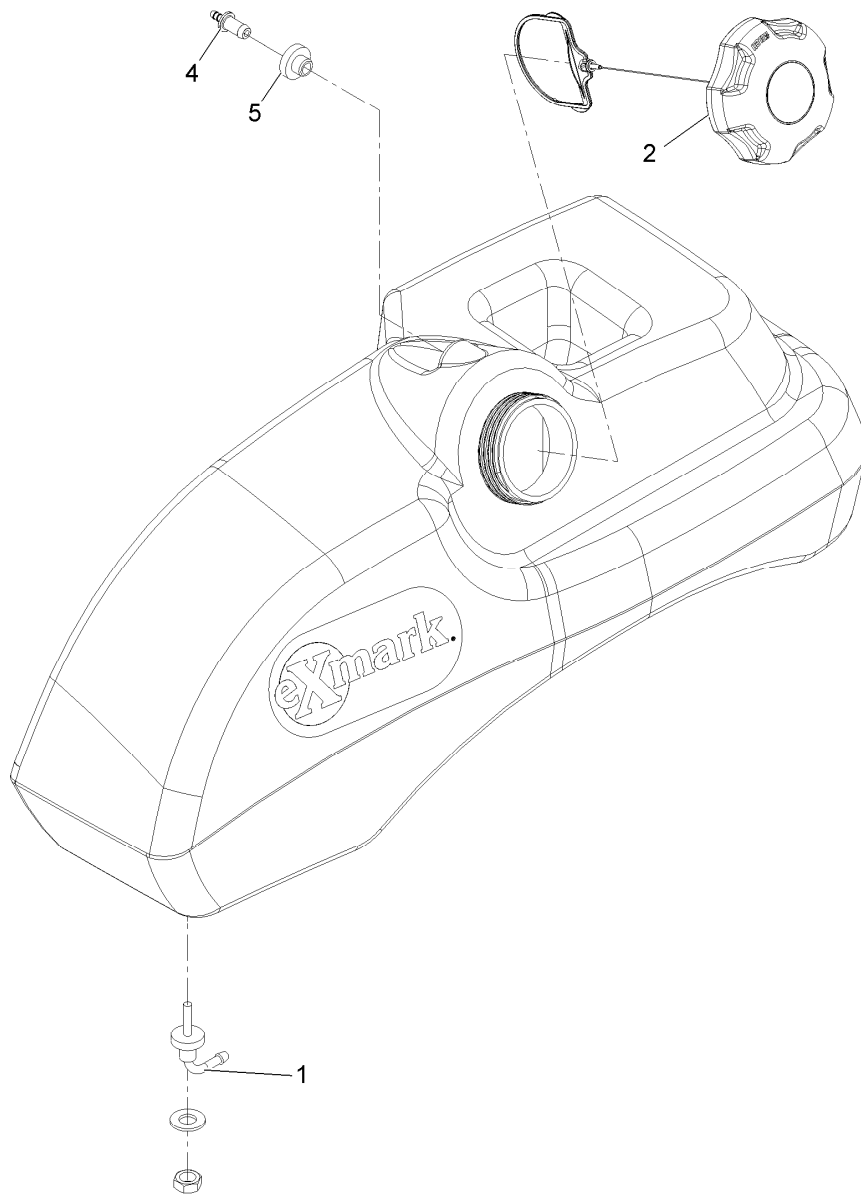


Fuel Tank Mounting Assembly

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

Ref.	Part Number	Qty.	Description
10	104-8300	2	Nut-Nyloc 5/16-18 Flg
11	109-0301	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	116-4344	1	Hose-Fuel
19	116-4630	1	Fitting-Straight Orifice
24	116-4802	1	Hose,Emissions

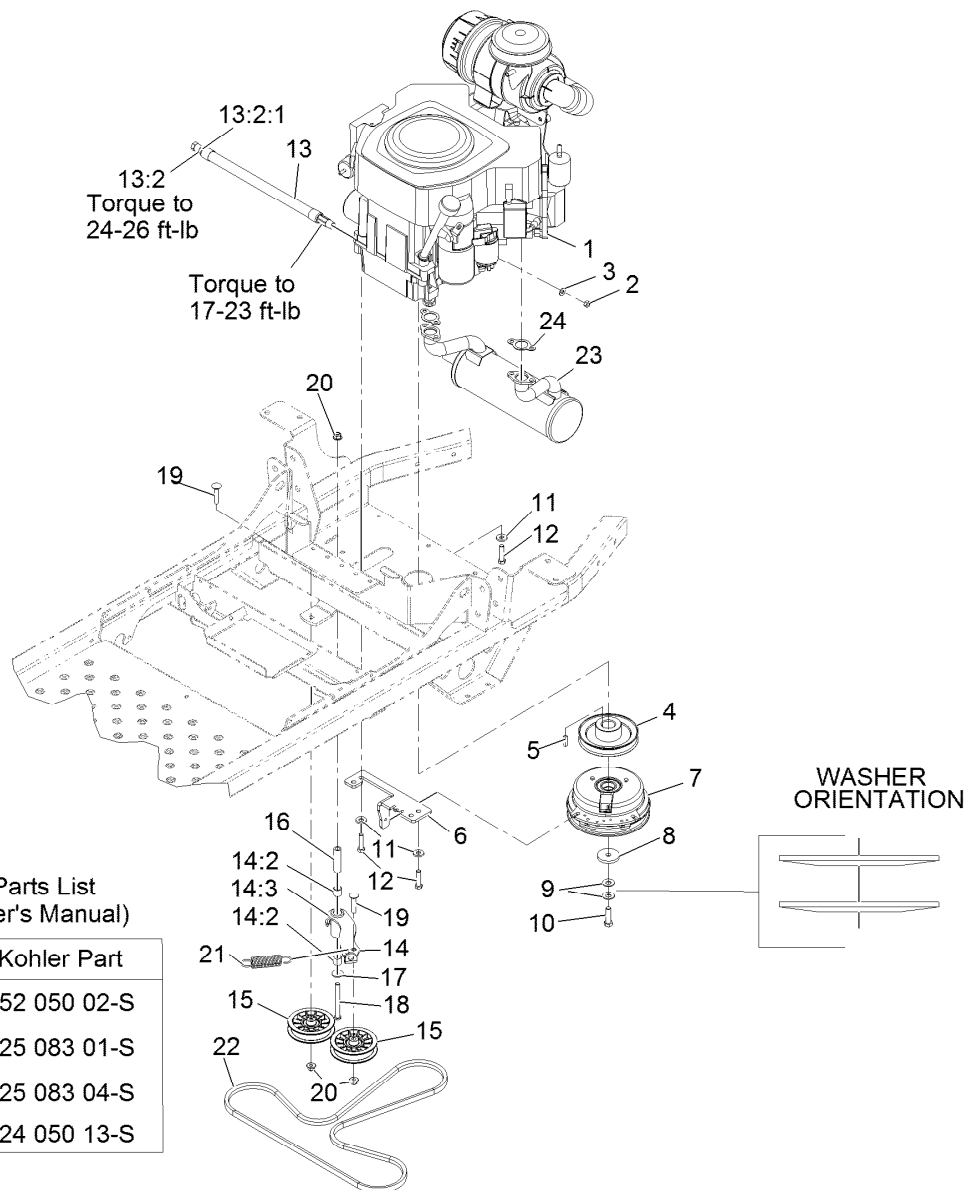
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Fuel Tank Assembly No. 116-4610

Ref.	Part Number	Qty.	Description
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

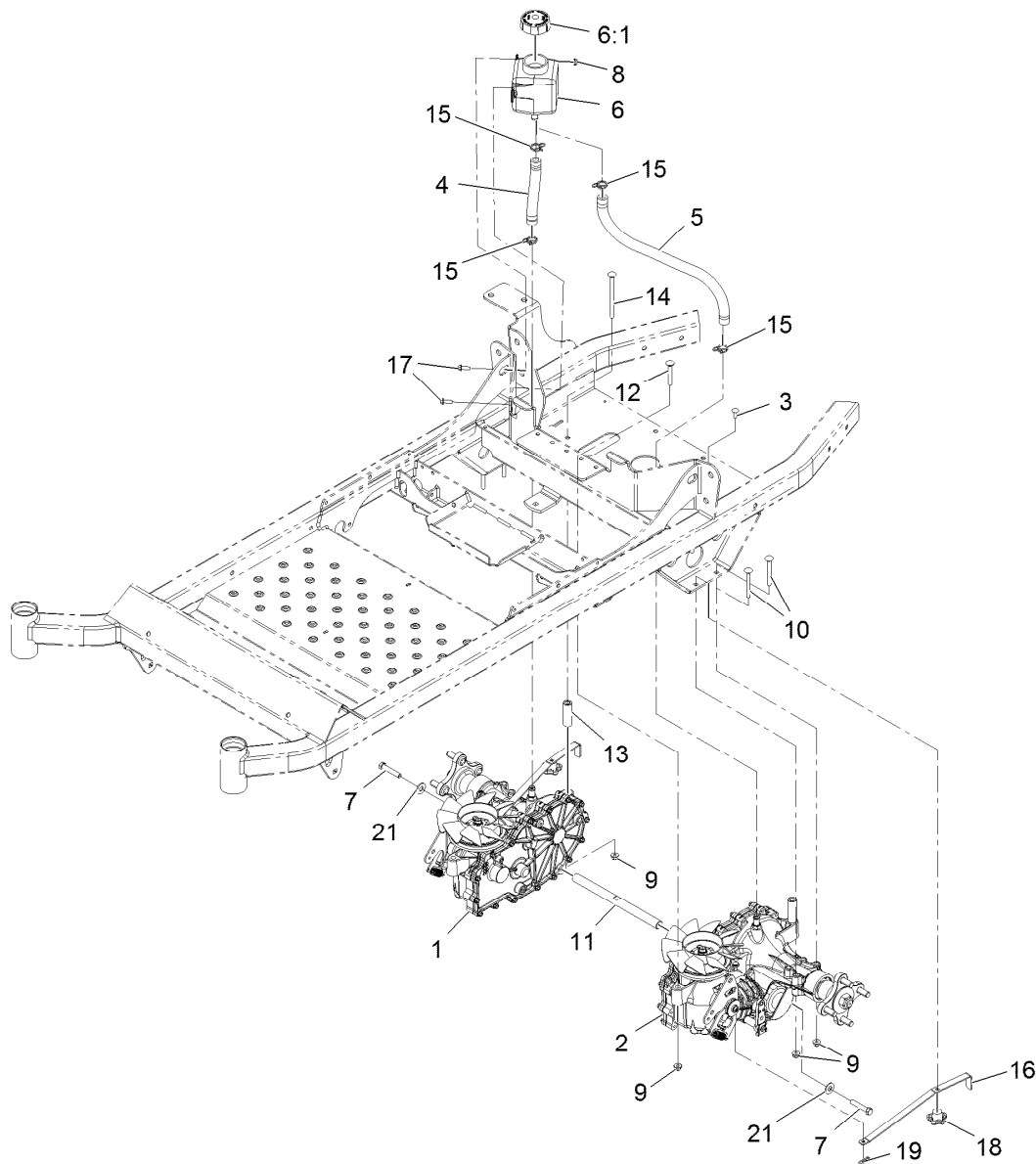
Ref.	Part Number	Qty.	Description
1		1	Engine-Kohler, Ps-Cv680-3046 ●■
2	3217-5	1	Nut-Hex 1/4-20
3	3256-22	1	Washer-1/4 Sae
4	116-1946	1	Sheave-Pump, Drive
5	1-807259	1	Key-Machine 1/4 X 1/4 X 1
6	116-4773-03	1	Anchor-Clutch
7	116-1947	1	Clutch
8	109-6919	1	Washer-Clutch
9	1-603610	2	Washer-Spring Disc 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

Ref.	Part Number	Qty.	Description
13:2	353-508	1	Plug-W/O-Ring
13:2:1	237-42	1	O-Ring
14	116-4729	1	ASM-Idler Arm W/Bearings
14:2	1-513034	2	Sleeve-Bearing
14:3	302-40	1	Zerk-90° 1/4-28
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	116-6493	1	Muffler-Kohler Twin
24	110-6697	2	Gasket-Exhaust

● Not serviced separately

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

■ Obtain parts from www.kohlerplus.com

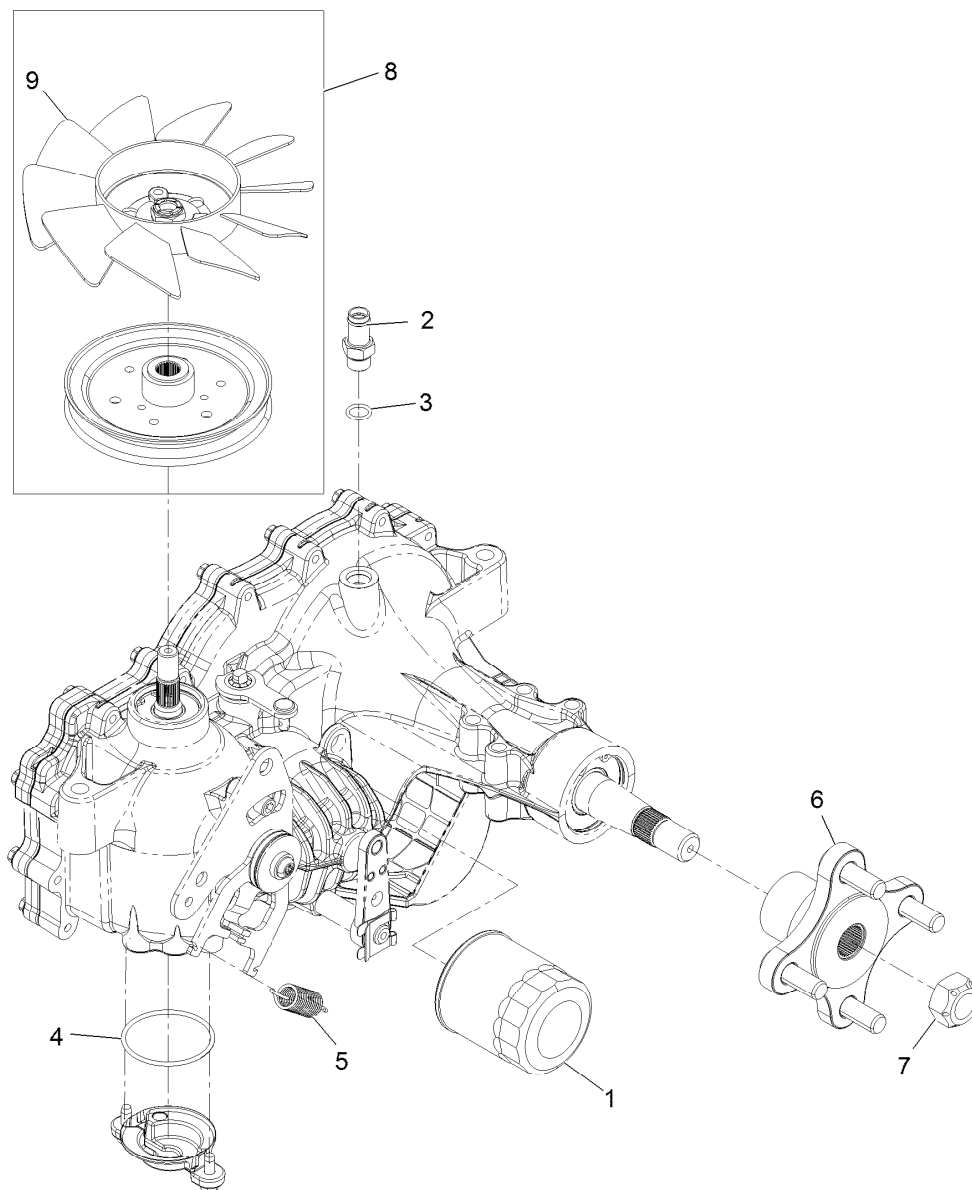


Hydraulic Assembly

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

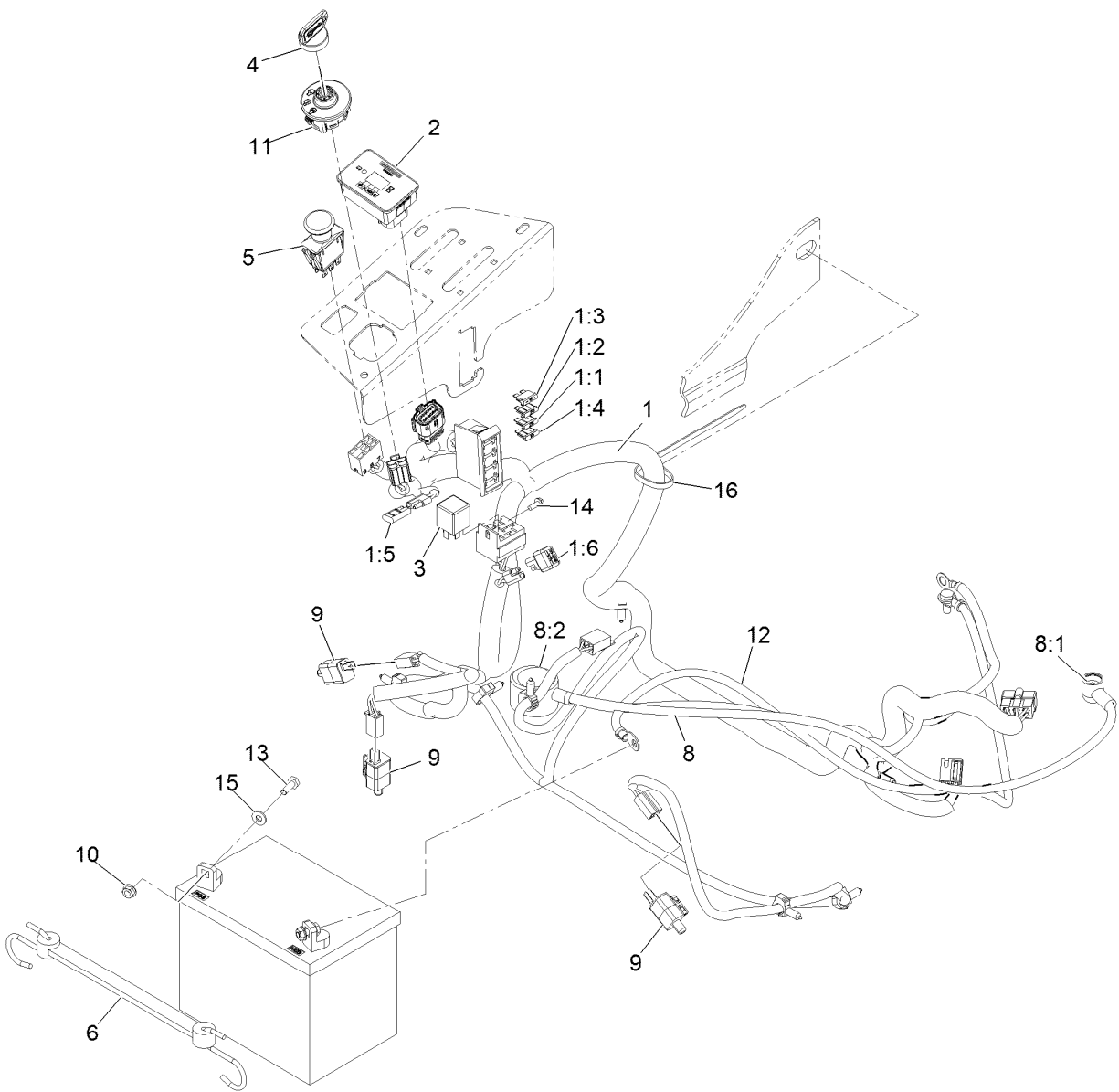
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



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	Complete Seal Kit ●

● Not illustrated



Electrical Assembly

Ref.	Part Number	Qty.	Description
1	116-4861	1	Harness, Wire ●
1:1	109102	1	Fuse-Blade, 25 Amp
1:2	1-816001	1	Fuse-Blade Type, 20 Amp
1:3	109355	1	Fuse-Blade, 15 Amp
1:4	218-578	1	Fuse-Blade, 10 Amp
1:5	116-0053	1	Cap-Plug
1:6	103-3895	1	Diode-Tvs
2	116-5609	1	Module ASM
3	1-643275	1	Relay-12Vdc 40 Amp
4	1-603511	1	Key-Ignition
4	103-2106	1	Key-Exmark Logo
5	103-5221	1	Switch-PTO
6	104-2466	1	Holddown-Battery

Ref.	Part Number	Qty.	Description
8	109-7630	1	Positive Battery Cable ASM
8:1	109-2407	1	Insulator-Battery
8:2	1-543393	1	Insulator-Solenoid
9	110-6765	3	Switch-Single Pole No
10	32128-33	2	Nut-Whizlock 1/4-20
11	117-2221	1	Switch-Ignition
12	117-7240	1	Cable-Battery, Negative
13	321-4	2	Screw-HH 1/4-20 X 3/4
14	32144-1	1	Screw-HWH #10-24 X 1/2 Tapite
15	3256-22	2	Washer-1/4 Sae
16	1-303335	1	Tie-Cable 7 15/16 (Large)

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

Notes:

Notes:

Notes:

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.

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

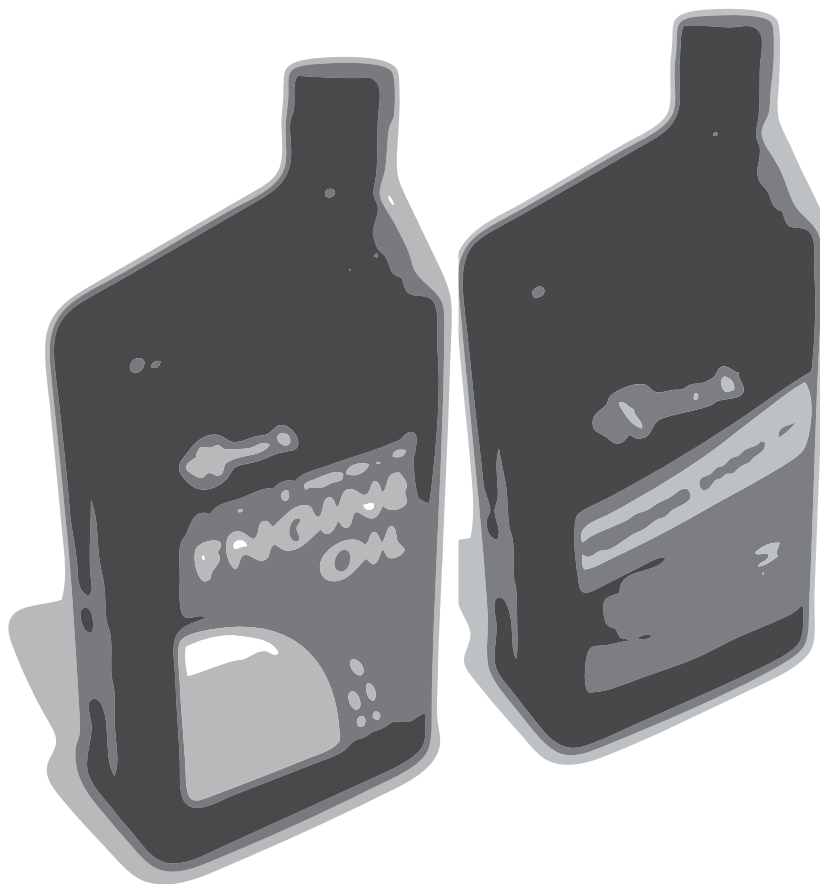
PREMIUM HYDRO OIL

Part No. 109-9828

Commercial quality for tough, high-heat conditions.

Designed specifically for zero-turn mower hydraulic systems.

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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

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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.
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