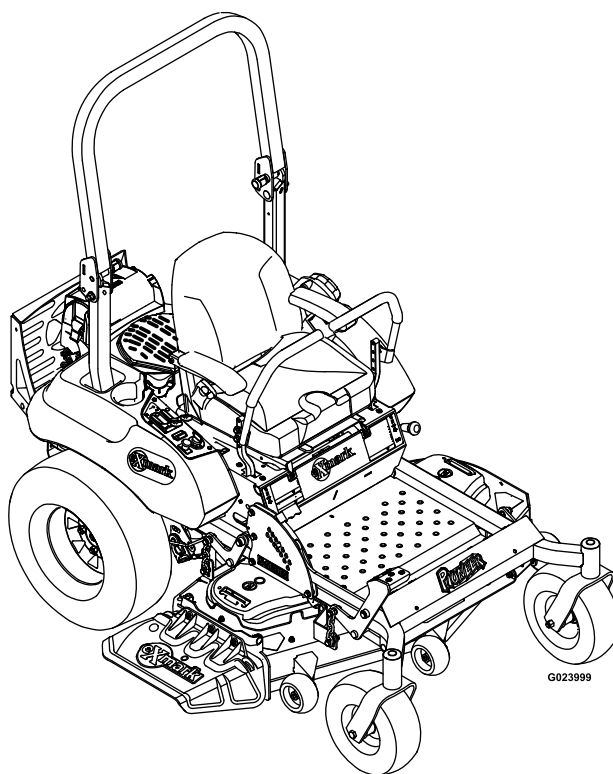




PIONEER® S-SERIES

Model No. PNS691KA523—Serial No. 314000000 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

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

DPA: Dual Point Adjustment

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

HF: hex flange

HH: hex head

HHF: hex head flange

HHFTF: hex head flange thread forming

HJ: hex jam

HLH: hex lag head

HOC: height-of-cut

HSBH: hex socket button head

HSFH: hex socket flat head

HSH: hex socket head

HWH: hex washer head

HWHTF: hex washer head thread forming

HYD: hydraulic

LH: left hand

LP: Liquefied Petroleum Gas

LPG: Liquefied Petroleum Gas

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

SFH: slotted fillister head

SHH: slotted hex head

SHWH: slotted hex washer head

SPH: slotted pan head

SQH: square head

SRH: slotted round head

STD: standard

TAP: self tapping

TTH: torx truss head

Touch Up Paint

Exmark black touch up spray paint – gloss black.

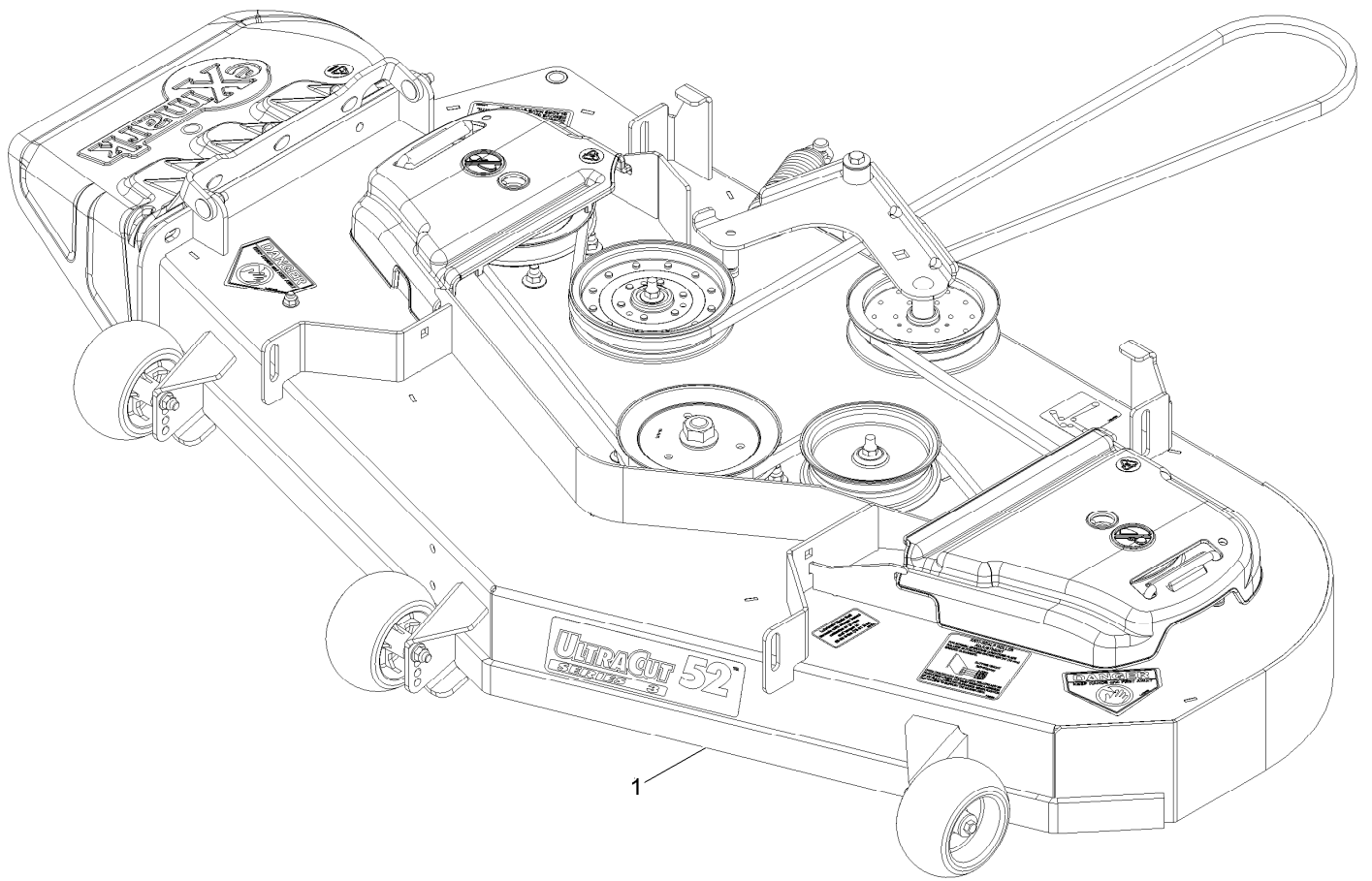
Exmark red touch up paint (spray paint – P/N 1-850337 - .6 oz liquid bottle – P/N 103-9140).



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.)

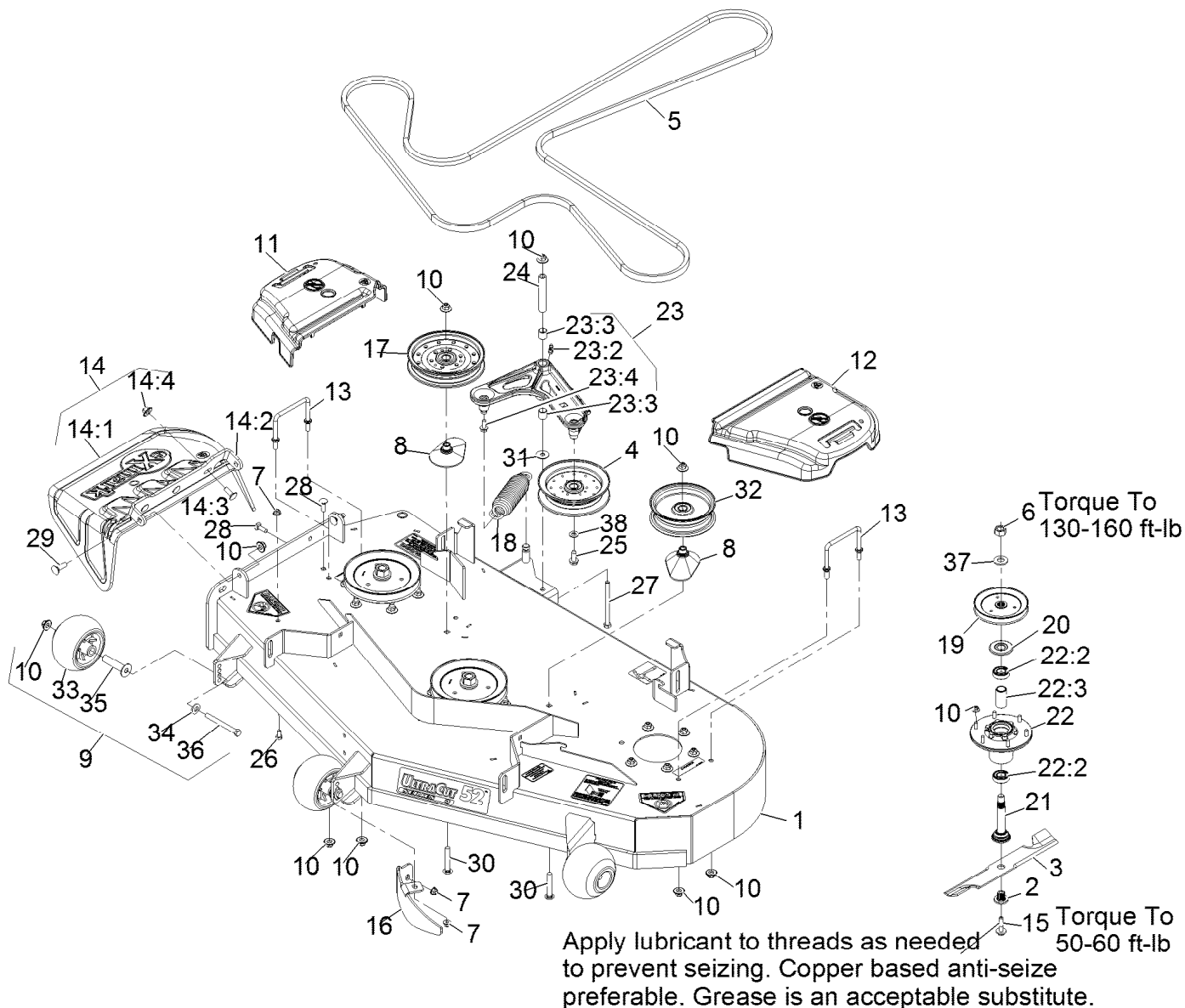
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Complete Deck Assembly No. 116-4812

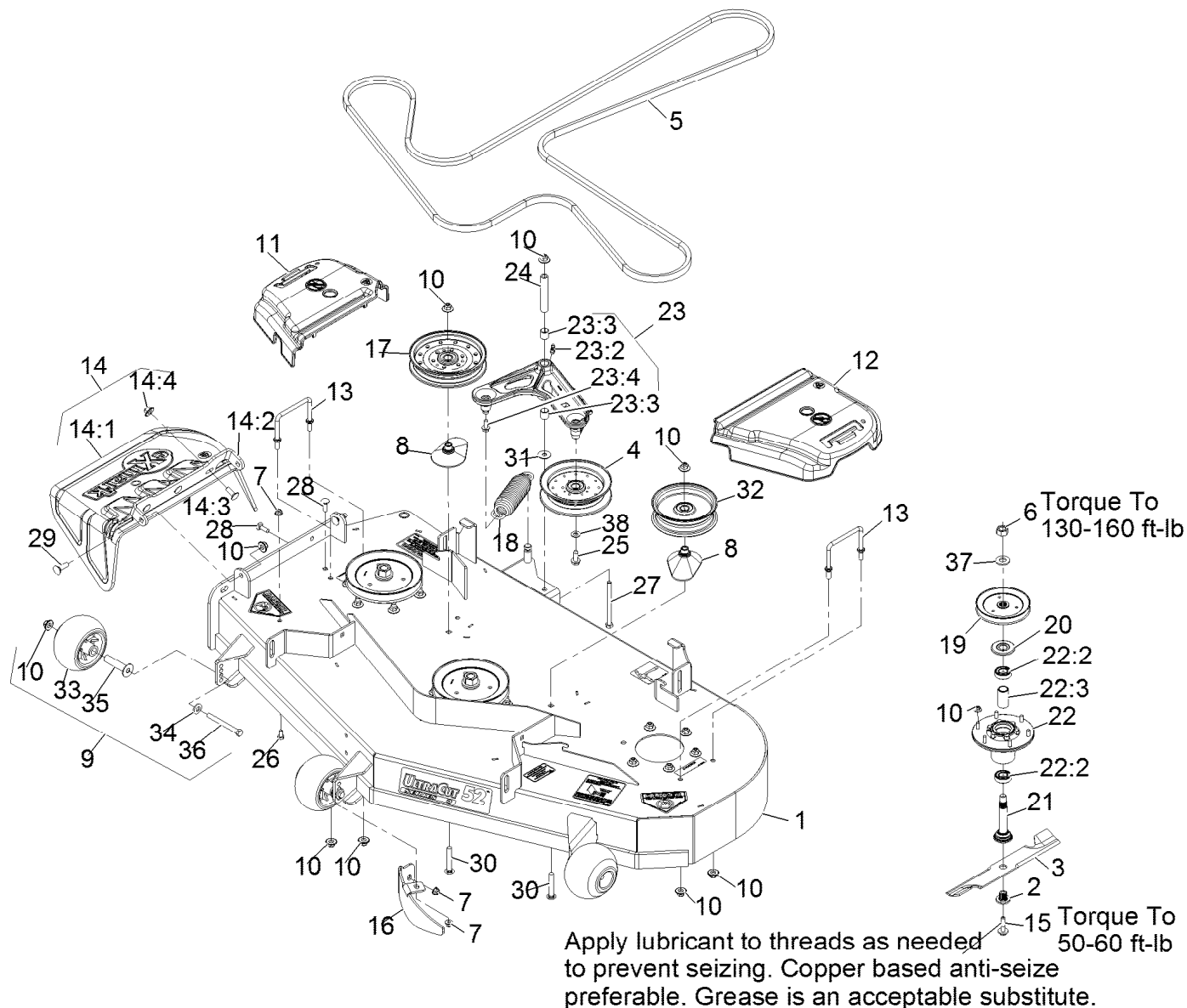
Ref.	Part Number	Qty.	Description
1	116-4812	1	ASM-Deck Complete 523



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	116-5175	3	Blade-Extreme 2, 18.00"	16	116-5835-01	1	Baffle-Dogleg, Lze-Pns-52
3	103-6402	3	Blade-Notched	17	116-4670	1	Pulley-Idler, Flat
3	103-6392	3	Blade, Mulching ●	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	23:2	302-40	1	Zerk-90° 1/4-28
12	109-6936	1	Cover-Belt, LH	23:3	1-513034	2	Sleeve-Bearing
13	109-6982	2	Wireform-Cover	23:4	32144-11	1	Screw-HWH 5/16-18 X 3/4 Tf
14	109-7188	1	ASM, Discharge Chute				
14:1	109-2738	1	Chute, Discharge				

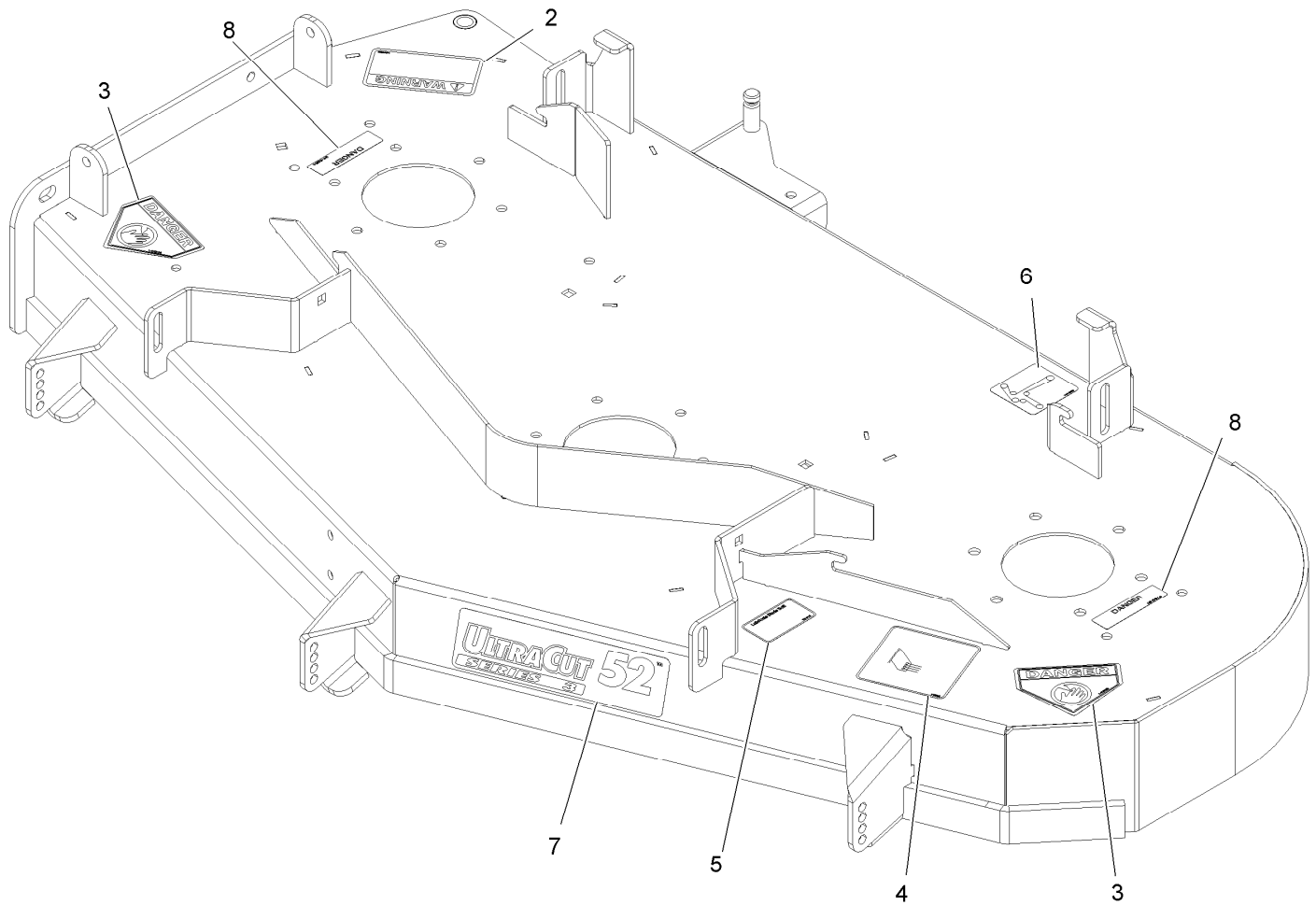
● Requires installation of mulch kit for proper mulching. See your Exmark dealer for details.



Deck Assembly (continued)

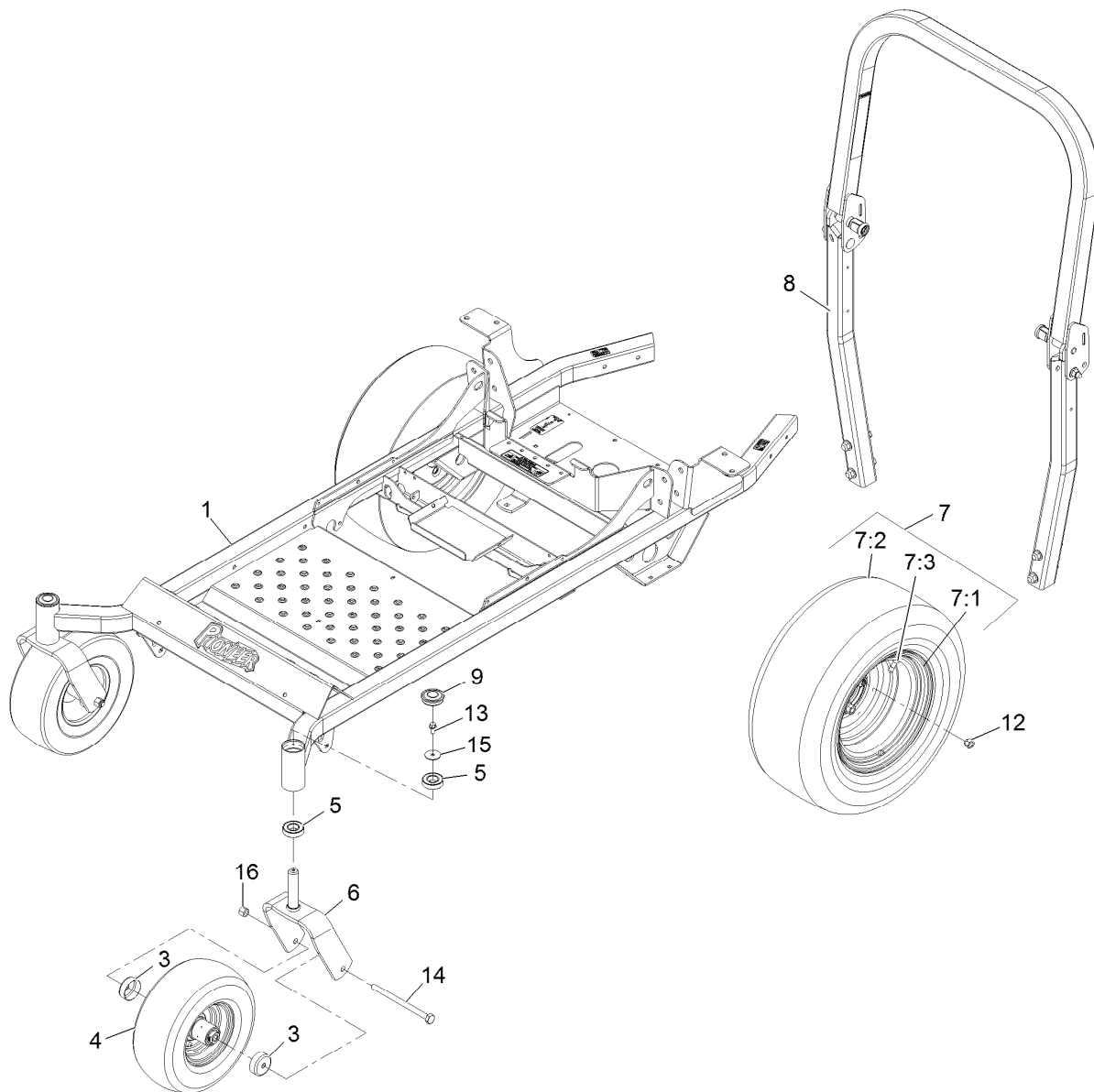
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
24	116-5111	1	Bushing	32	116-4669	1	Pulley-Idler Flat
25	126-1696	1	Screw-Thread Forming	33	103-8415	3	Roller, Anti-Scalp
26	322-2	1	Screw-HH 5/16-18 X 5/8	34	98-5975	3	Washer-Spring Disc 3/8
27	323-23	1	Screw-HH 3/8-16 X 4-1/2	35	116-8131	3	Axle, Roller
28	3230-2	2	Bolt-Carriage 5/16-18 X 1	36	116-9362	3	Screw-HH
29	3231-25	2	Bolt-Carriage 3/8-16 X 1 1/4	37	103-2802	3	Washer-Spring Disc 3/4
30	3231-44	2	Bolt-Carriage 3/8-16 X 2 1/2	38	3256-24	1	Washer-Flat
31	52-2860	1	Washer				

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



Deck W/Decals Assembly No. 116-3196

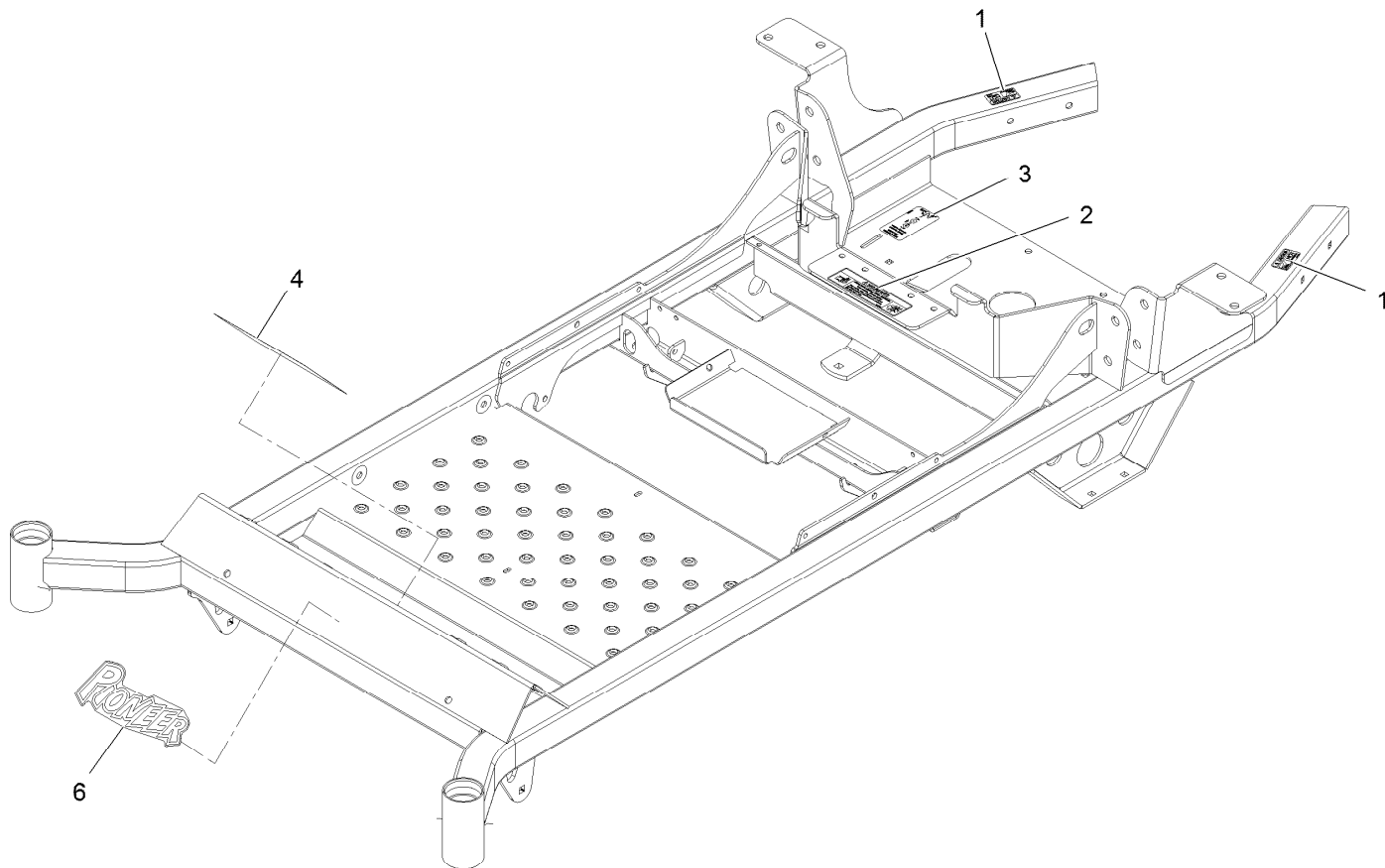
Ref.	Part Number	Qty.	Description
2	1-303508	1	Decal-Warning, Discharge
3	1-403005	2	Decal-Danger
4	1-633922	1	Decal, Anti-Scalp
5	109-3148	1	Decal, Bolt Torque
6	109-6035	1	Decal-Belt Routing
7	116-4699	1	Decal-Ultracut 52 Series 3
8	98-5954	2	Decal-Missing Cover



Main Frame Assembly

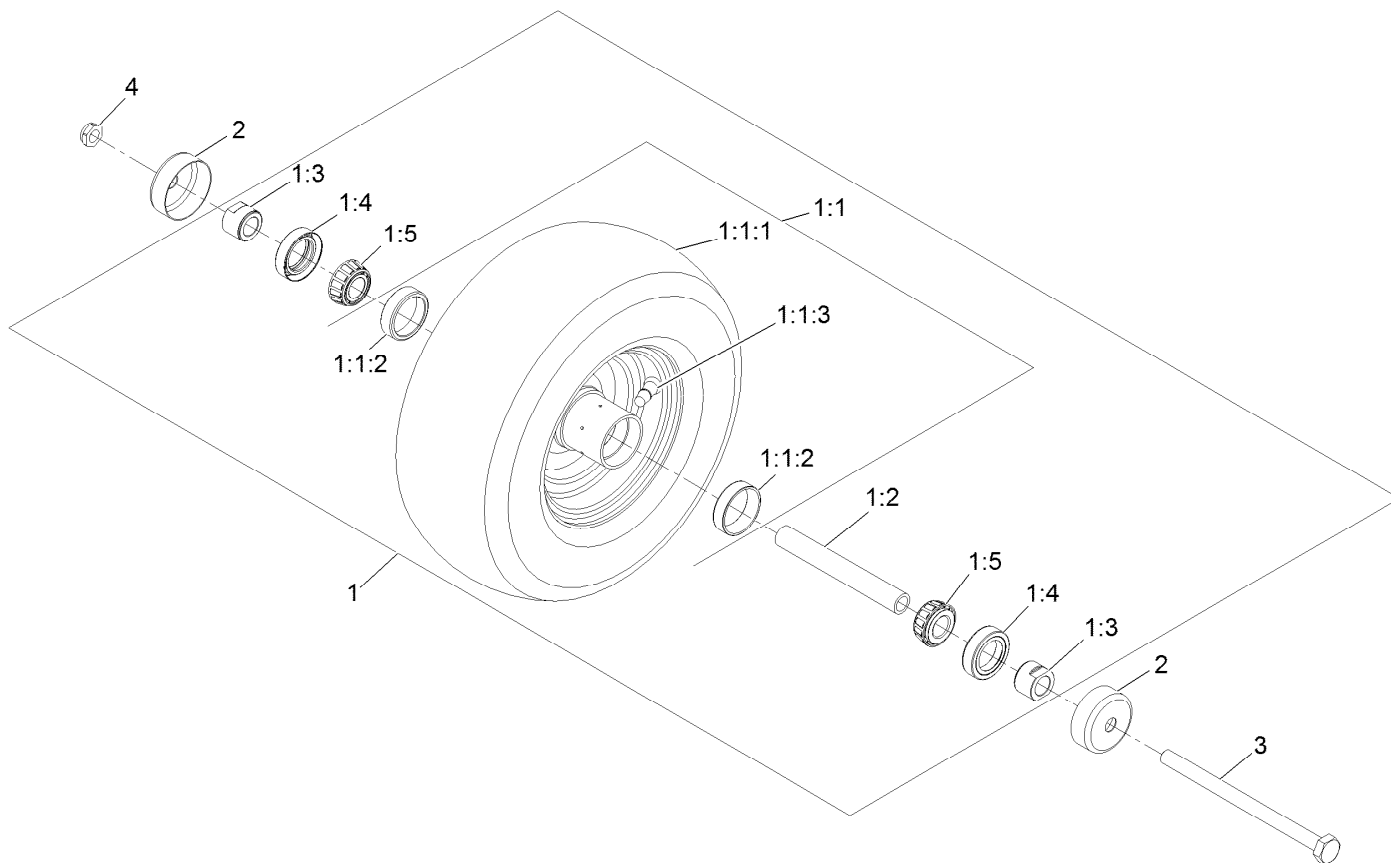
Ref.	Part Number	Qty.	Description
1	116-6831	1	Frame ASM-48-52
3	103-2768	4	Guard-Seal
4	103-5189	2	Asm, Caster Wheel (Pneumatic)
5	109-3678	4	Bearing-Ball
6	116-0611-01	2	Wld,Caster Fork
7	116-6318	2	ASM-Wheel And Tire 22 X 9.50-12
7:1	116-6320	1	Wheel

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



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

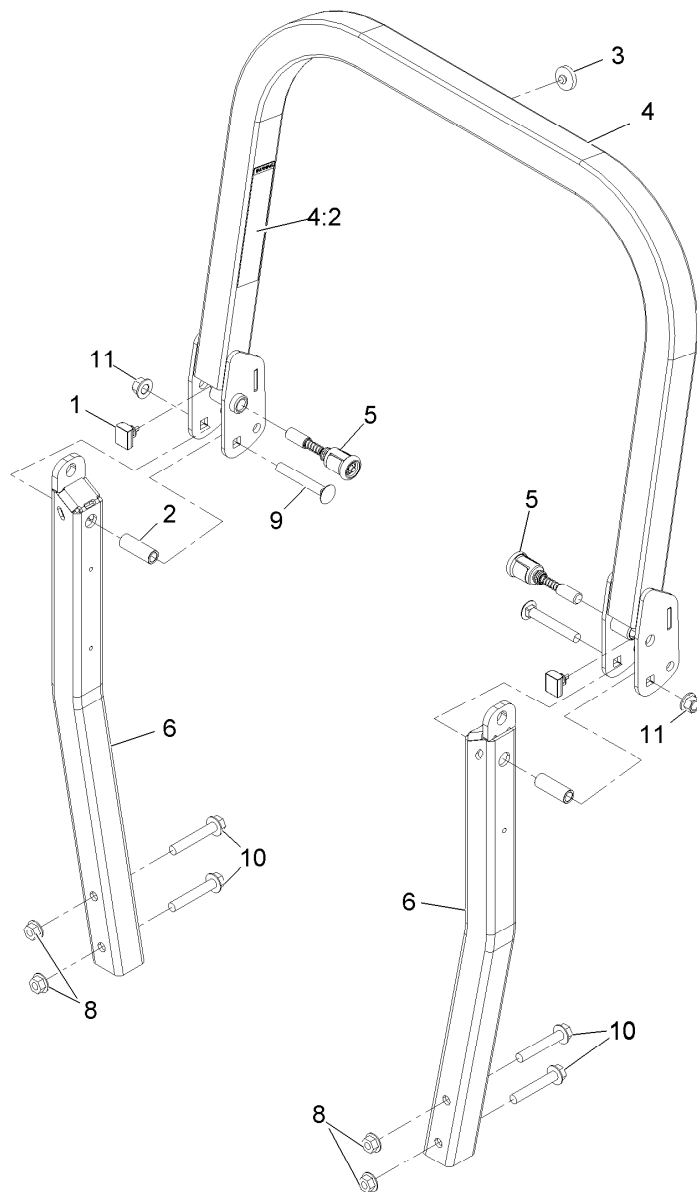


Caster Wheel Assembly No. 103-5189

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

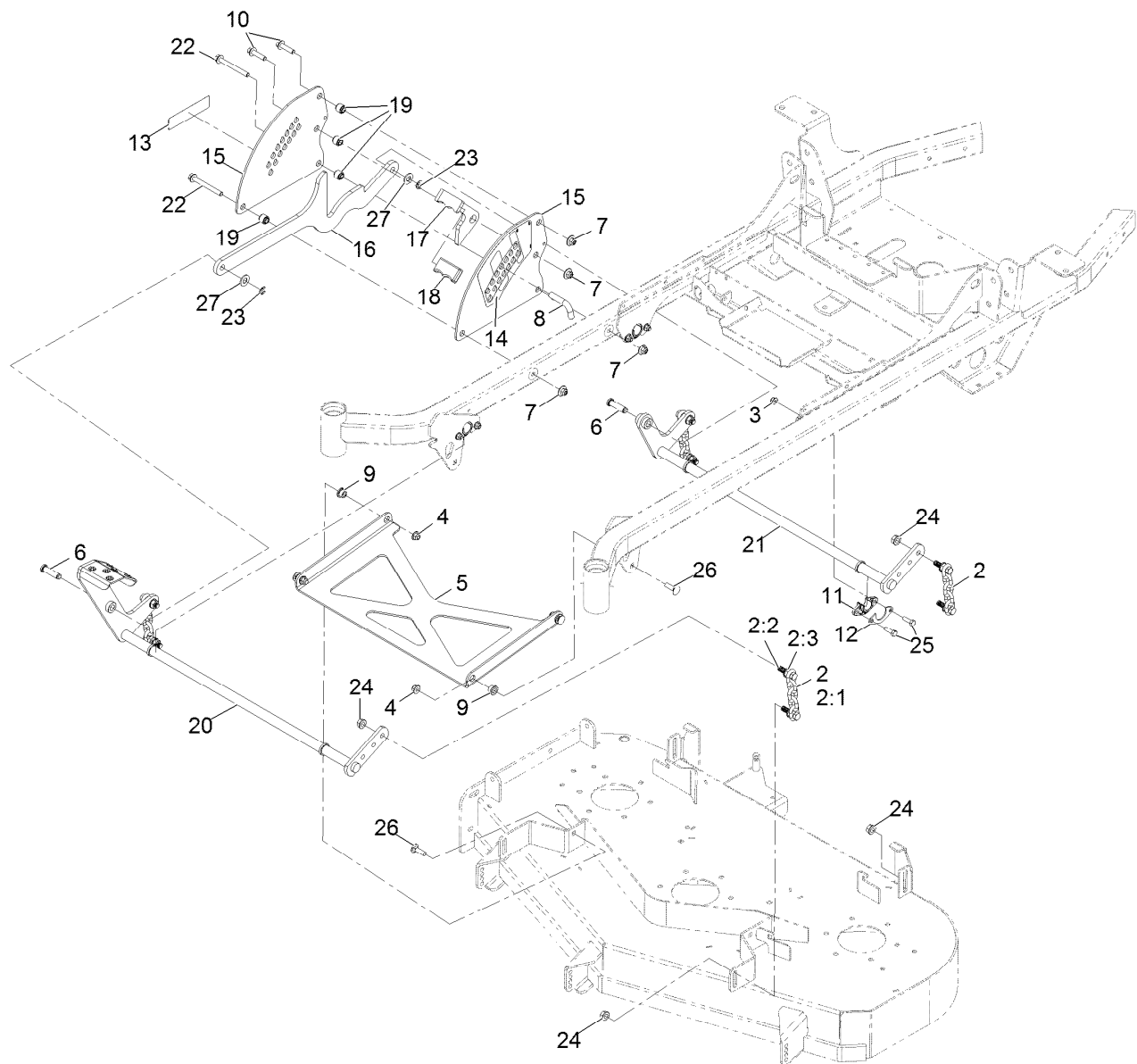
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



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

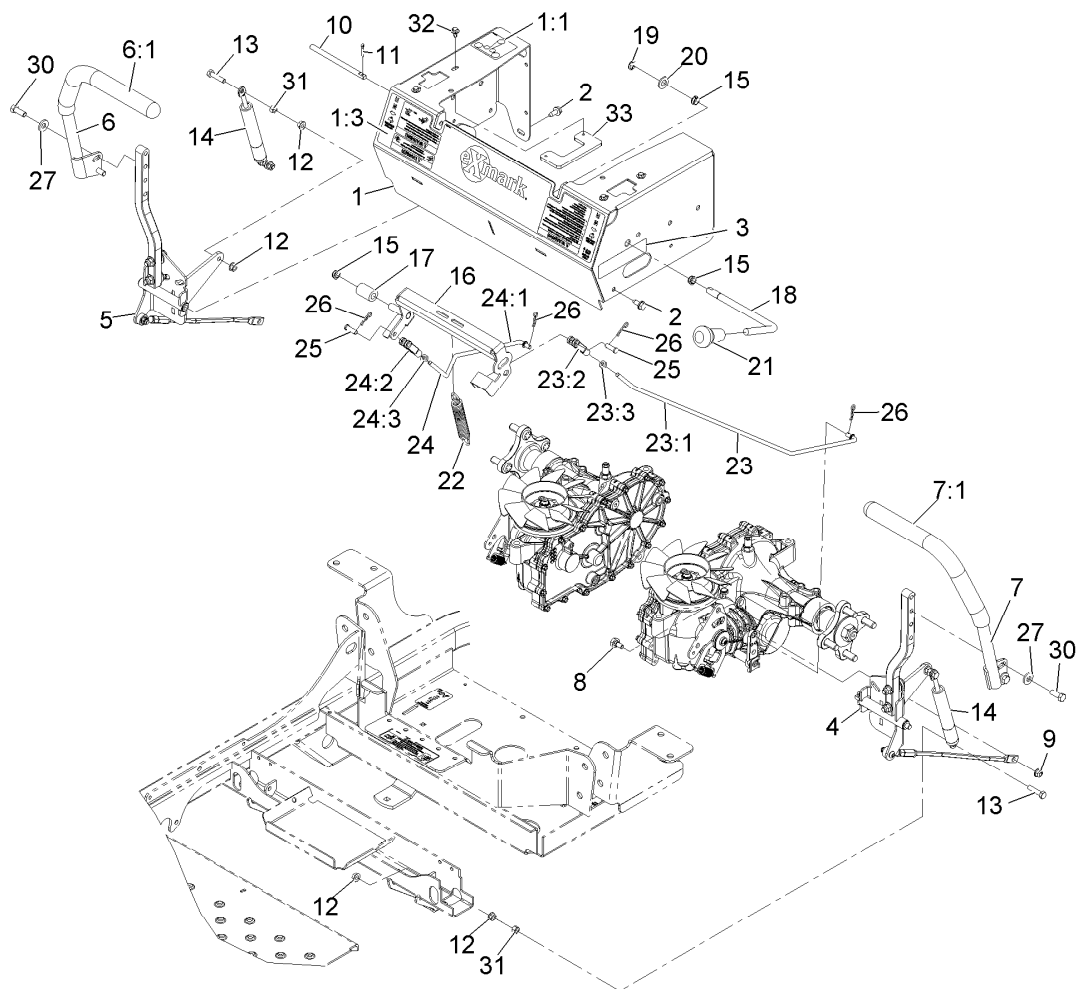
● Not serviced separately



Deck Lift Assembly

Ref.	Part Number	Qty.	Description
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

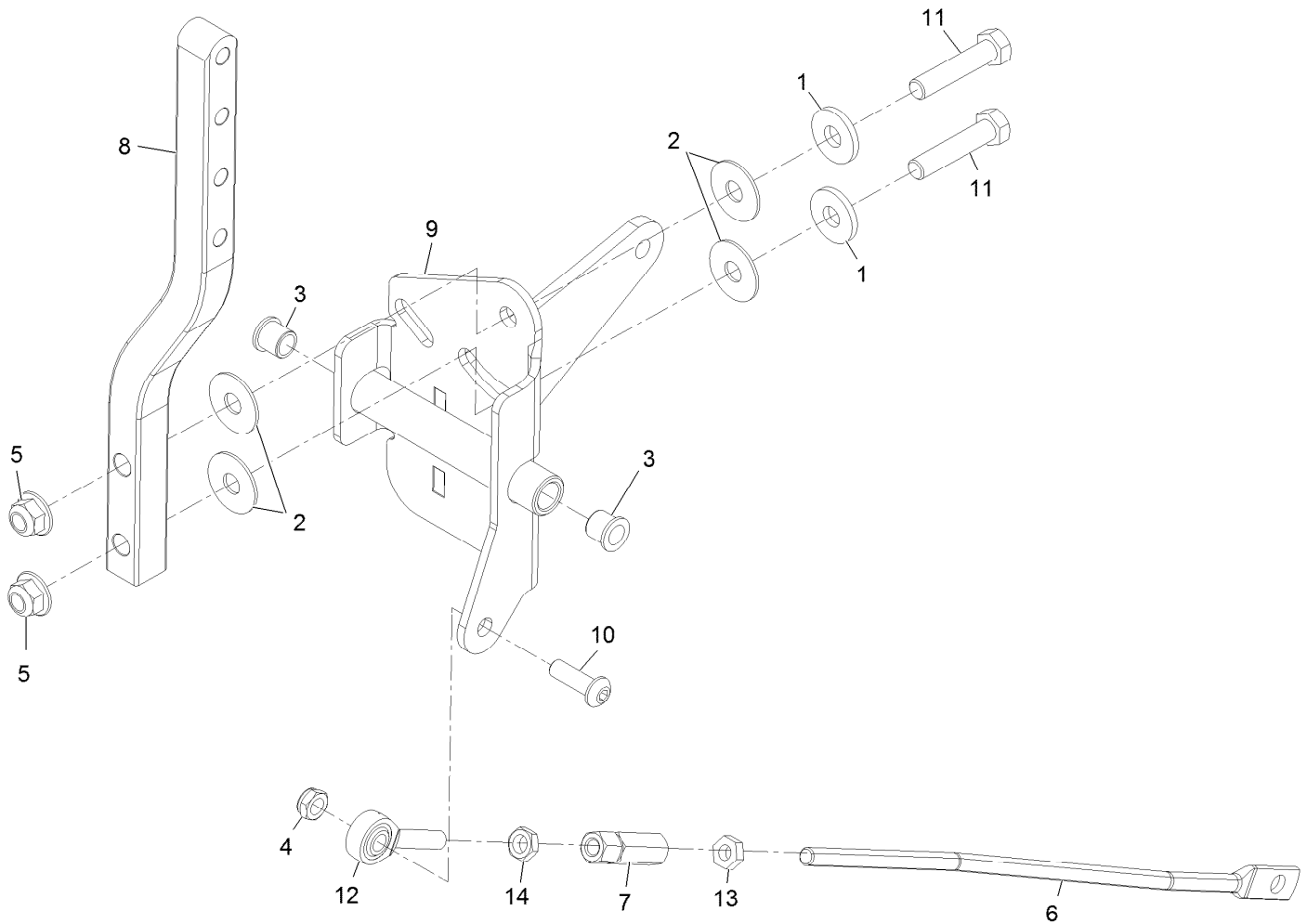
Ref.	Part Number	Qty.	Description
13	116-3884	1	Decal-S-Series
14	116-4308	1	Decal-Height Of Cut
15	116-4309-03	2	Plate,Deck Lift
16	116-4310-03	1	Link-HOC
17	116-4311	1	Transport Lock-HOC
18	116-4312	1	Grip-Bar, Flat
19	116-4313	4	Spacer-Step, Double
20	116-6011-03	1	Wld-Deck Lift Shaft Frt
21	116-6012-03	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

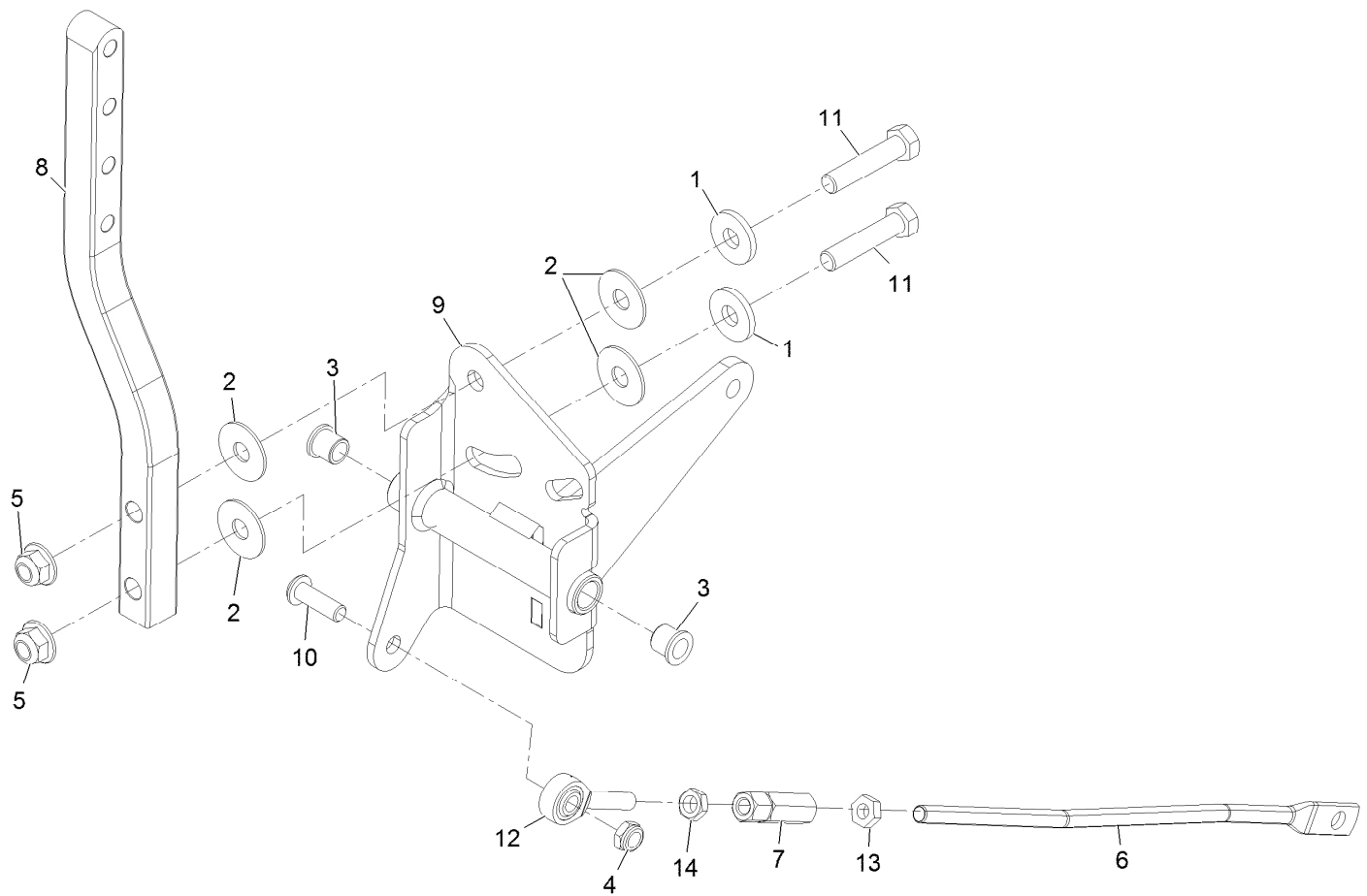
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	116-3188	1	ASM-Mot Ctrl Frm W/Dcl	16	116-6233	1	Wld-Brake Center Arm
1:1	109-6014	1	Decal-Belt Routing	17	109-5010	1	Spacer
1:3	116-4430	1	Decal-Front Panel	18	116-3155	1	Handle, Brake
2	32144-70	6	Screw-HWH 5/16-18 X 3/4 Tf	19	32120-47	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



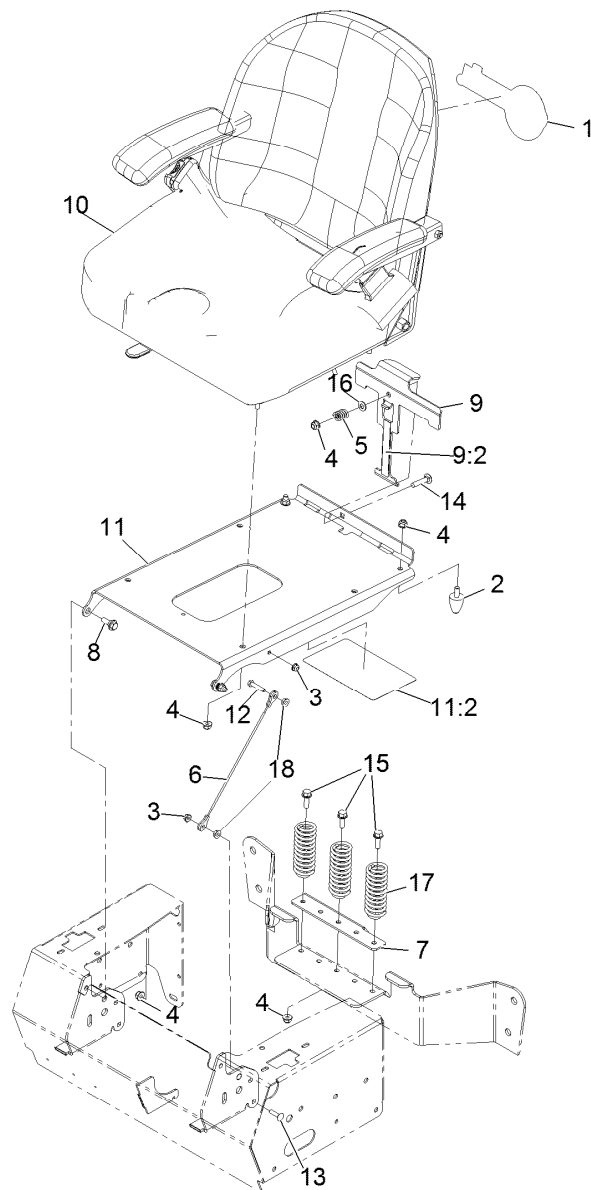
Motion Control Assembly - LH

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

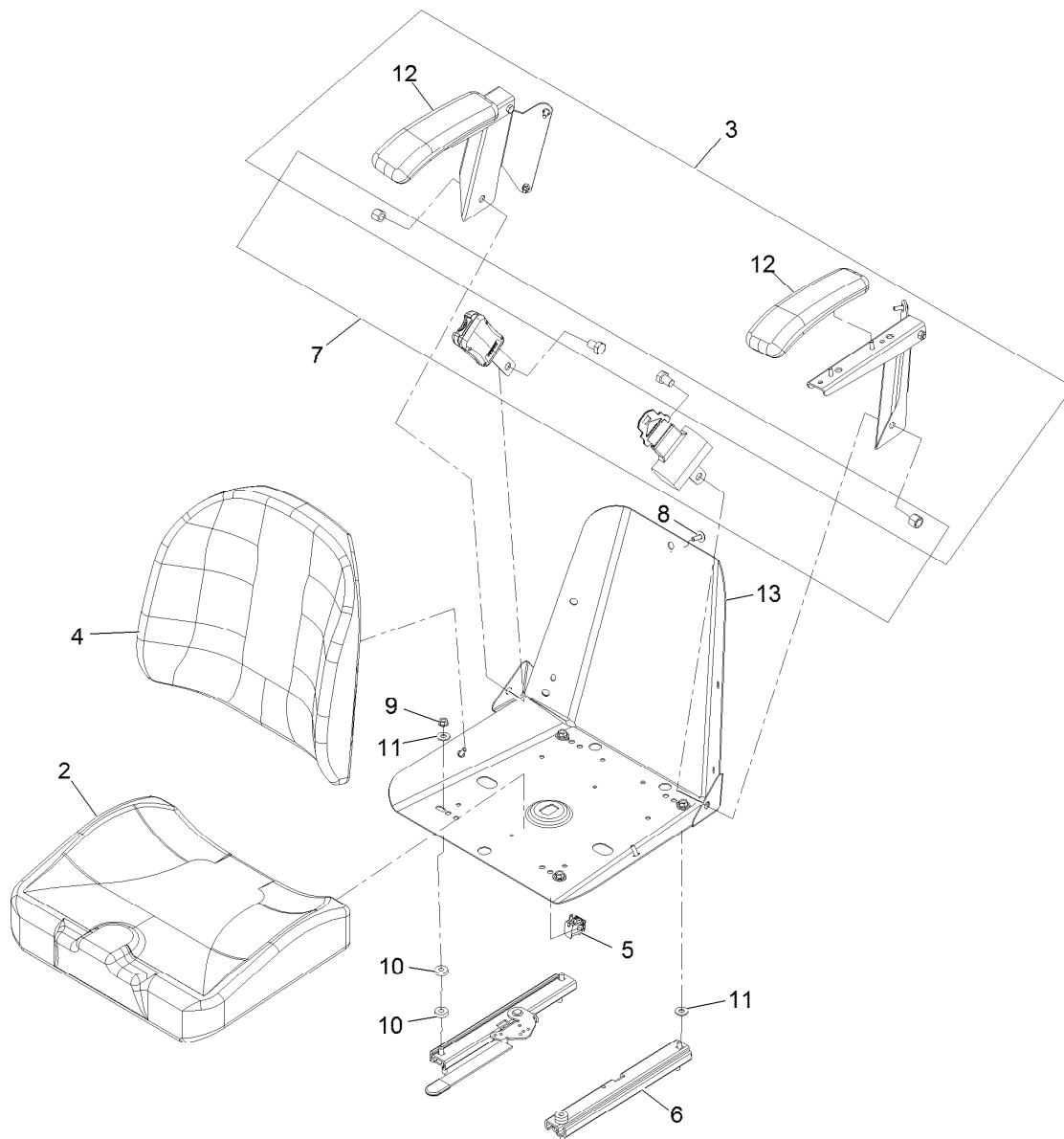
Ref.	Part Number	Qty.	Description
1	5-0838	2	Washer
2	52-2900	4	Washer-Plastic
3	103-9928	2	Bearing
4	3296-47	1	Nut-Nyloc 5/16-18 Thin
5	104-8301	2	Nut-Nyloc 3/8-16 Flg
6	116-2543	1	Link,Motion Control
7	109-3728	1	Nut-Rod Adjustment
8	116-3183	1	Arm-Motion Control
9	116-5476	1	RH Control Pivot ASM
10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

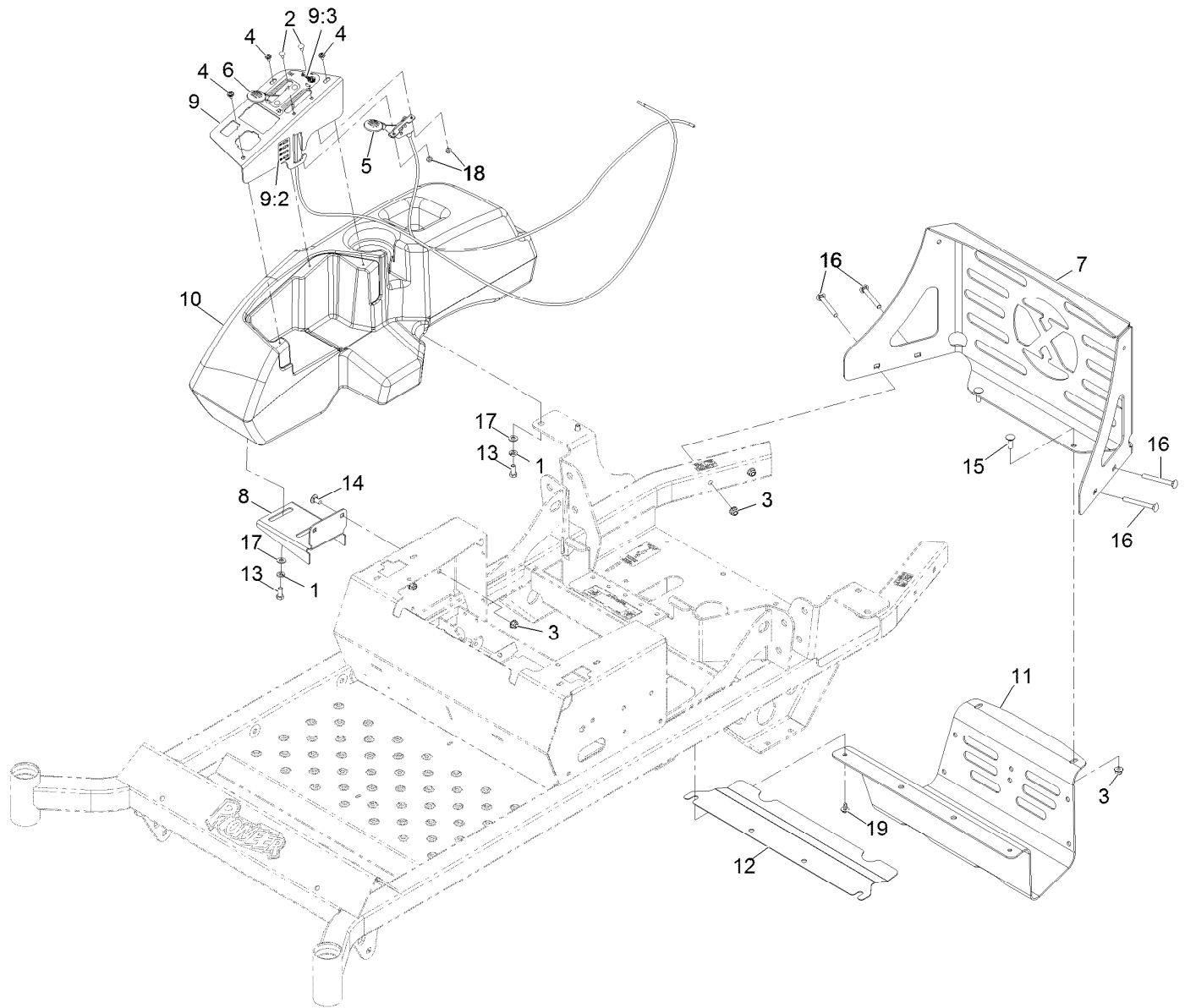
Ref.	Part Number	Qty.	Description
1	103-2882	1	Decal, Exmark Logo
2	103-9376	2	Bumper-Seat
3	104-7201	2	Nut-Nyloc 1/4-20 Flg
4	104-8300	10	Nut-Nyloc 5/16-18 Flg
5	107-3017	1	Spring-Compression
6	109-2628	1	Cable-Stop, Seat
7	116-0871	1	Catch, Seat Latch
8	116-1297	2	Screw-Shoulder
9	116-3121	1	ASM-Seat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

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

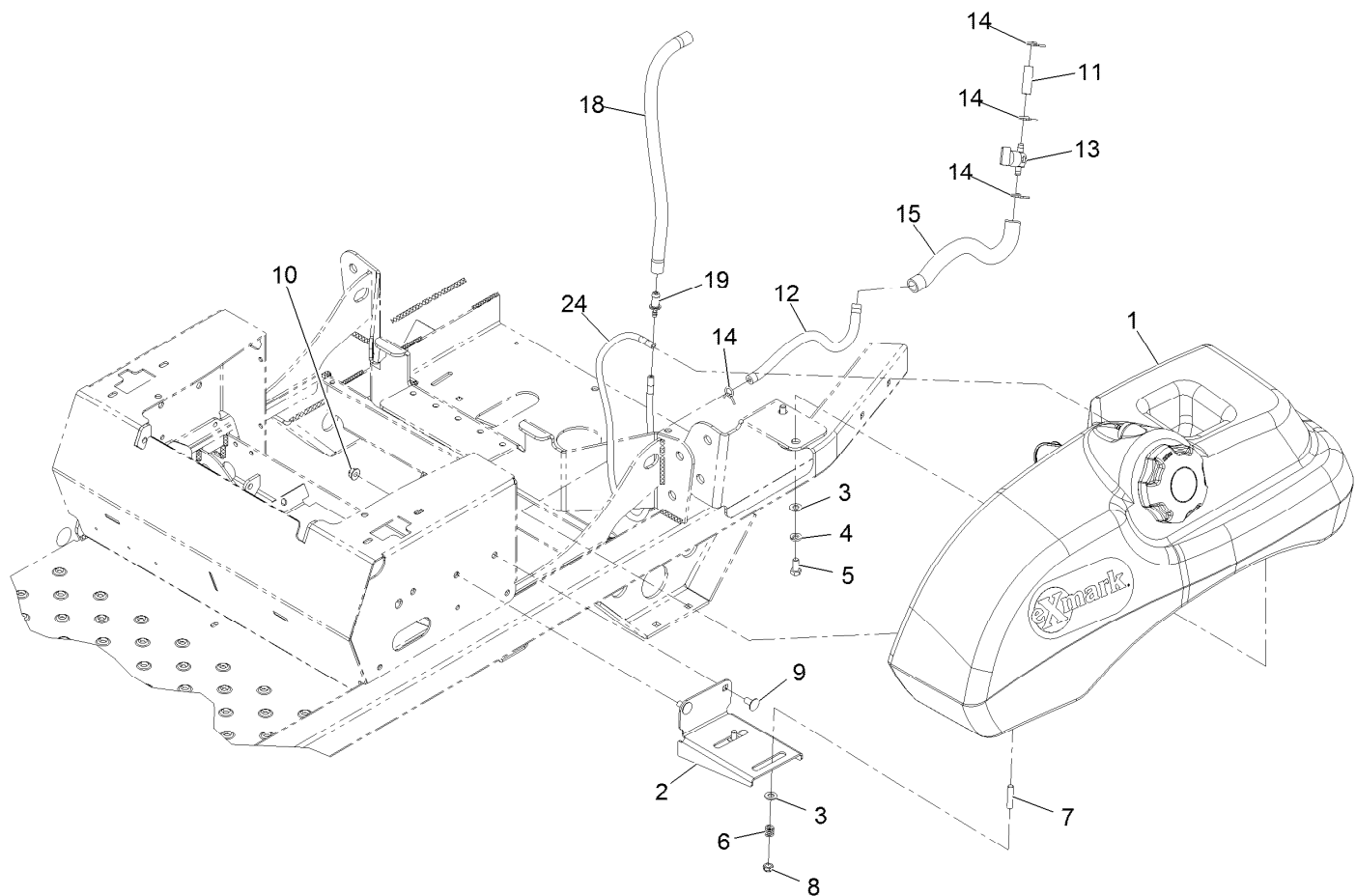
Ref.	Part Number	Qty.	Description
2	116-7329	1	Cushion-Seat Bottom
3	110-5719	1	Armrest Kit
4	116-3738	1	Cushion,Seat Back
5	82-2190	1	Switch
6	1-643255	1	Track-Seat
7	116-2981	1	Seat Belt Kit
8	103-8383	7	Screw-HWH 1/4-20 X 3/4 Taptite
9	32128-20	4	Nut-Whizlock 5/16-18
10	26-4840	4	Spacer-Pin, Mounting
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	109-8747	1	Control,Choke
7	116-3453-03	1	Panel,Rear Guard
8	116-3495-03	1	Bracket-Tank And Fender
9	116-3496	1	ASM,Control Panel W/Decal
9:2	116-1496	1	Decal,Fuse Block
9:3	116-4465	1	Decal-Throttle Choke

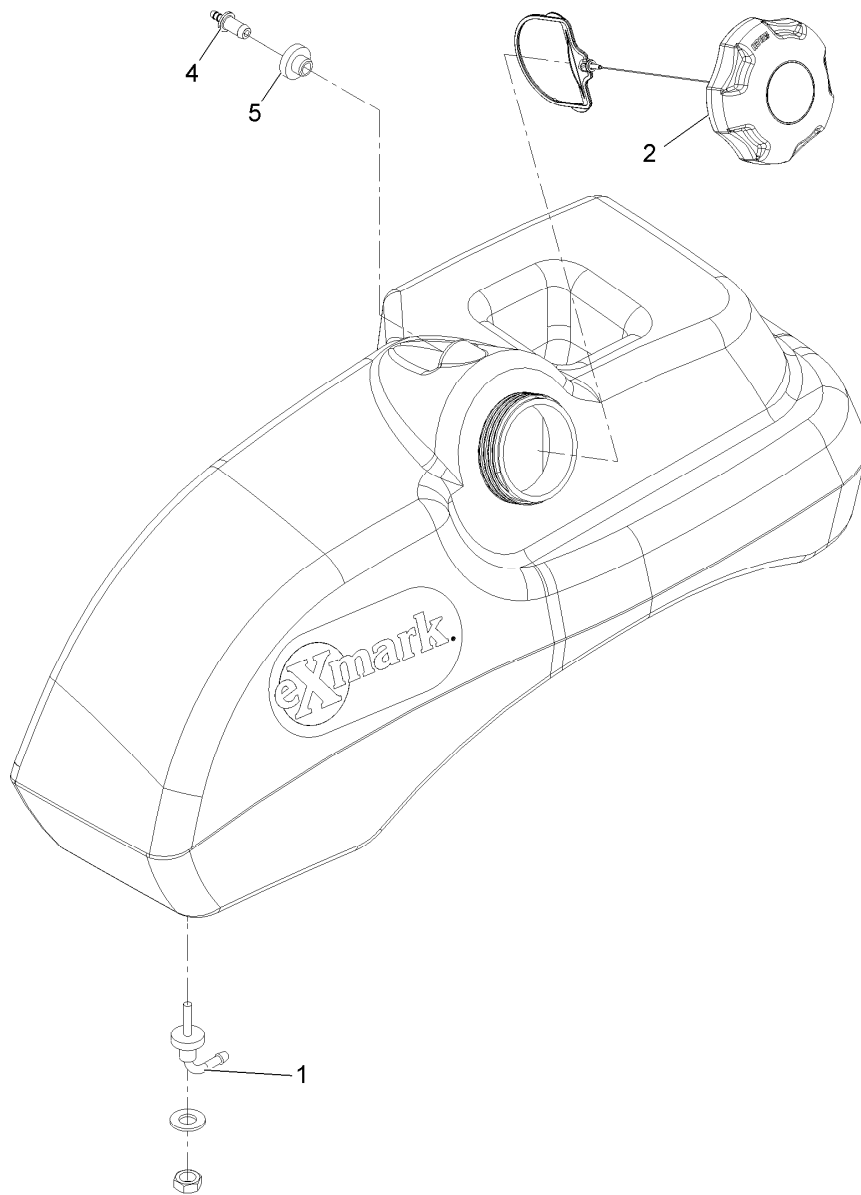
Ref.	Part Number	Qty.	Description
10	116-4138	1	Console,RH
11	116-4708-03	1	Guard-Muffler
12	126-0456-03	1	Shield, Heat
13	322-3	4	Screw-HH 5/16-18 X 3/4
14	3230-18	2	Bolt-Carriage 5/16-18 X 5/8
15	3230-2	2	Bolt-Carriage 5/16-18 X 1
16	3230-9	4	Bolt-Carriage 5/16-18 X 2 3/4
17	3256-23	4	Washer-5/16 Sae
18	3296-2	4	Nut-Nyloc #10-24
19	46-8560	2	Screw-HHF 1/4-20 X 1/2



Fuel Tank Mounting Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	116-4610	1	ASM-Fuel Tank	10	104-8300	2	Nut-Nyloc 5/16-18 Flg
2	116-3495-03	1	Bracket-Tank And Fender	11	106-9492	1	Hose-Fuel
3	3256-23	4	Washer-5/16 Sae	12	109-0282	1	Hose-Fuel
4	1-805005	2	Washer-Lock 5/16 Heavy	13	1-603770	1	Valve-Fuel
5	322-3	2	Screw-HH 5/16-18 X 3/4	14	1-303077	4	Clamp-Fuel Line
6	1-633349	2	Spring-Compression	15	116-4515	1	Conduit-Fuel Line
7	1-633023	2	Stud-Fuel Tank ●	18	116-4344	1	Hose-Fuel
8	3296-47	2	Nut-Nyloc 5/16-18 Thin	19	116-4630	1	Fitting-Straight Orifice
9	3230-18	2	Bolt-Carriage 5/16-18 X 5/8	24	116-4802	1	Hose,Emissions

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



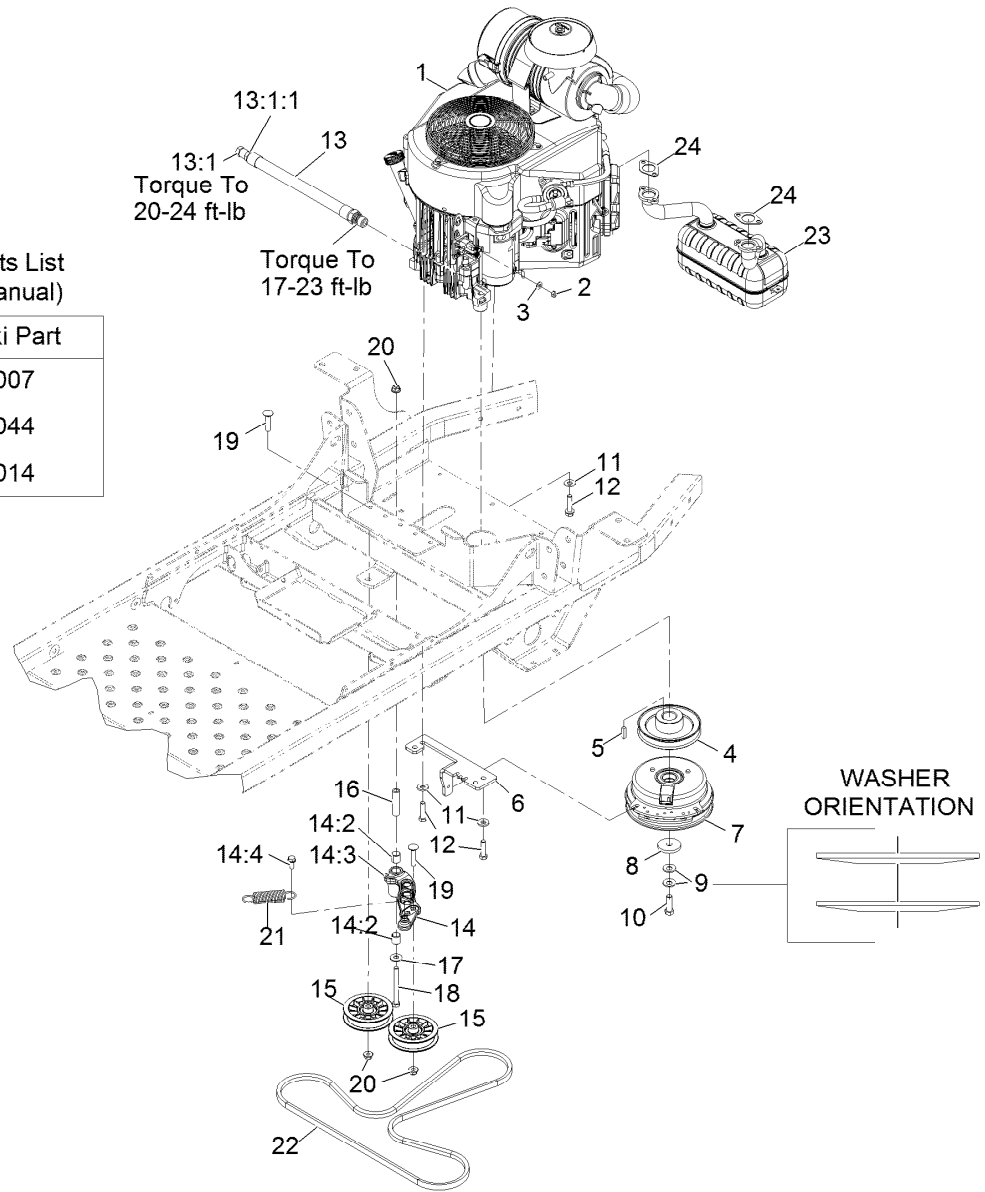
Fuel Tank Assembly No. 116-4610

<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.

Kawasaki Replacement Parts List
(Refer To Engine Owner's Manual)

Description	Kawasaki Part
Engine Oil Filter	49065-7007
Engine Air Filter	11013-7044
Fuel Filter	49019-0014



Engine Assembly

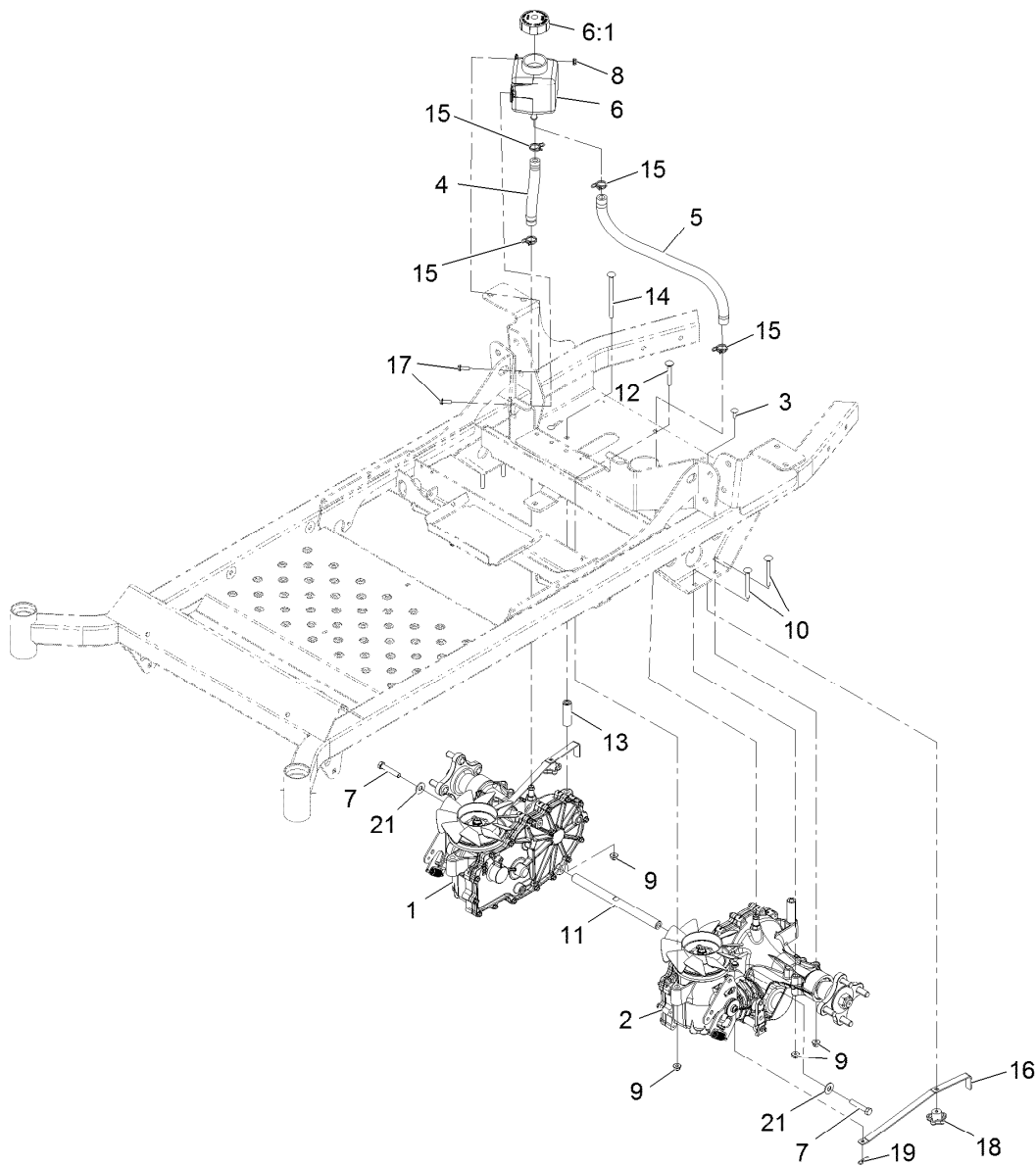
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1		1	Engine-Kawasaki, Fx691V-S17-R ●■	13:1:1	237-42	1	O-Ring
2	3217-5	1	Nut-Hex	14	126-0973	1	ASM-Idler Arm W/Bearings
3	3256-22	1	Washer-Flat	14:2	1-513034	2	Sleeve-Bearing
4	116-1946	1	Sheave-Pump, Drive	14:3	302-40	1	Fitting-Grease
5	1-807259	1	Key	14:4	32144-11	1	Screw-HWHTF
6	116-4773-03	1	Anchor-Clutch	15	116-2456	2	Pulley-Flat, 3.50 Dia
7	116-1947	1	Clutch	16	1-603384	1	Bushing-Pivot, Idler
8	109-6919	1	Washer-Clutch	17	3256-4	1	Washer-Flat
9	1-603610	2	Washer-Spring	18	323-15	1	Screw-HH
10	109-9761	1	Screw-HH ◆	19	3231-5	2	Screw-CARR
11	98-5975	4	Washer-Belleville	20	104-8301	3	Nut-Flange, NI
12	323-8	4	Screw-HH	21	1-603402	1	Spring-Extension
13	116-4924	1	Engine Oil Drain Hose ASM ▲	22	115-9613	1	V-Belt
13:1	353-508	1	Plug-HH	23	117-7256	1	Muffler-Kawasaki
				24	1-653313	2	Gasket-Exhaust

● Not serviced separately

▲ Use a Teflon Pipe Sealant or equivalent on threads.

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

■ Obtain parts from www.kawpowerepc.com

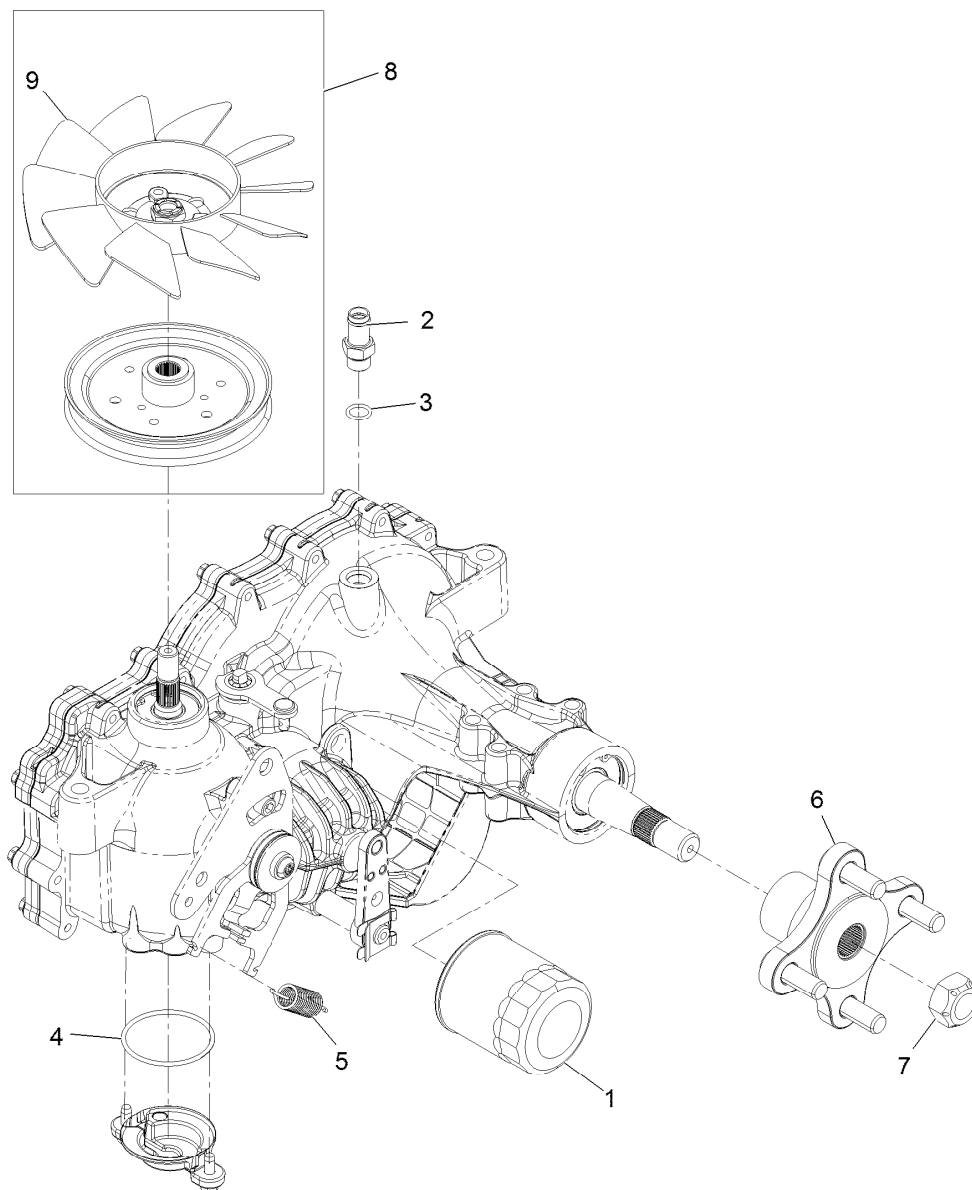


Hydraulic Assembly

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

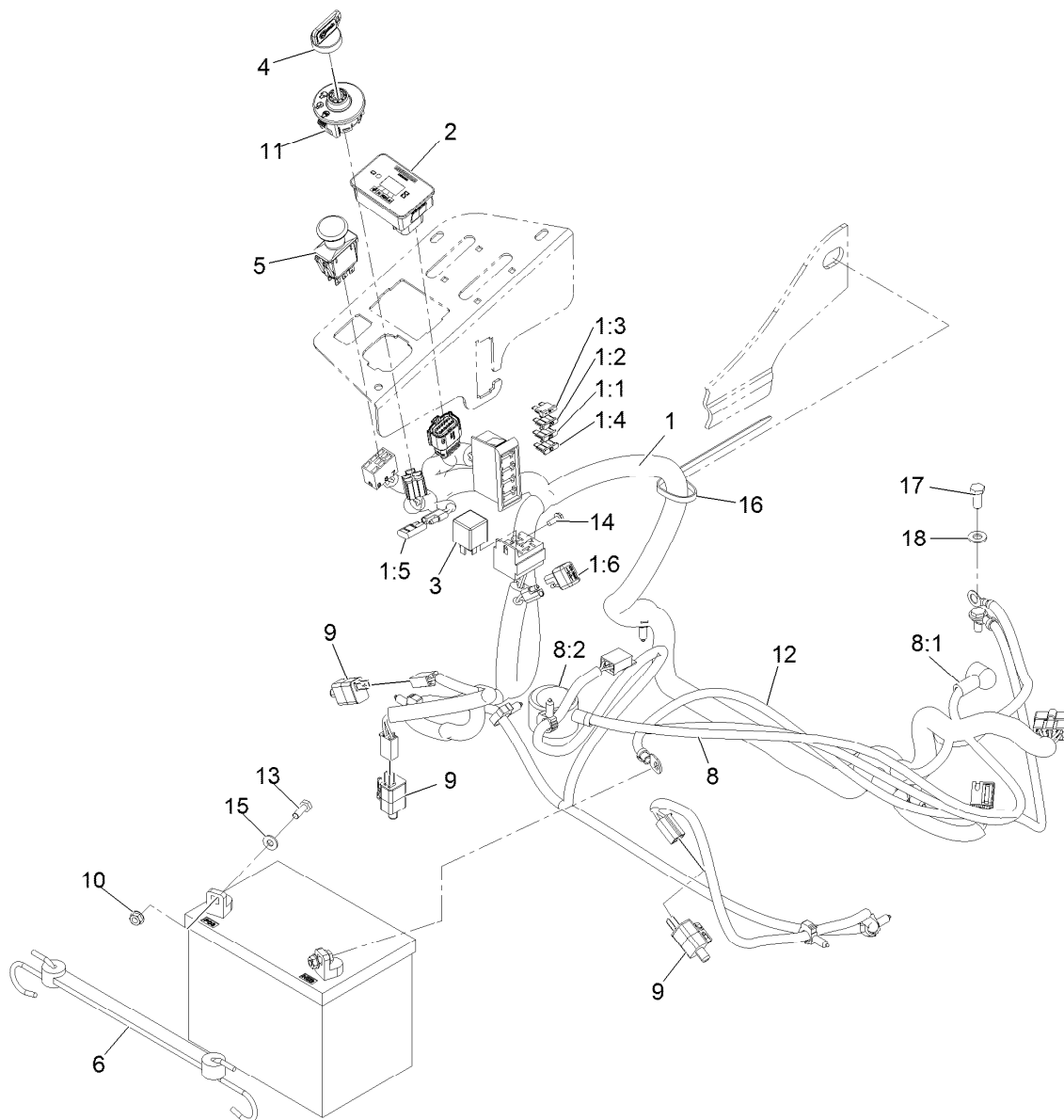
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



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
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
8	109-7621	1	Positive Battery Cable ASM

Ref.	Part Number	Qty.	Description
8:1	1-543393	1	Insulator-Solenoid
8:2	109-2407	1	Insulator-Battery
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)
17	33114-020	1	Screw-HH M8-1.25 X 20Mm
18	33094-00	1	Washer

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

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.

Anti-corrosion additives.

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

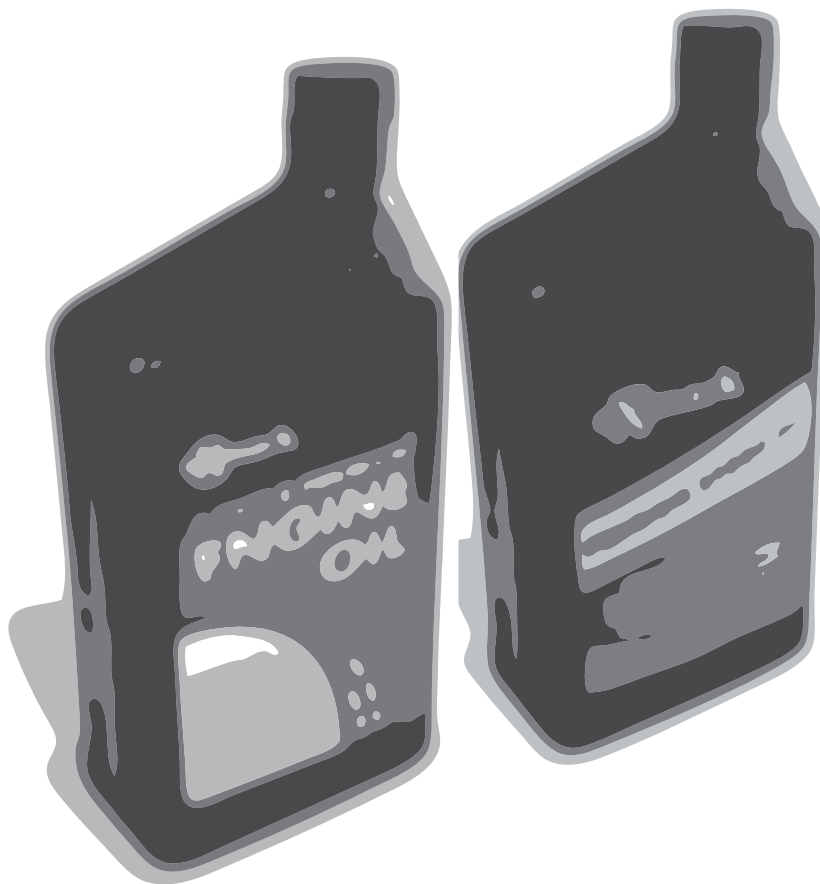
PREMIUM HYDRO OIL

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Commercial quality for tough, high-heat conditions.

Designed specifically for zero-turn mower hydraulic systems.

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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
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Date Purchased _____

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Engine Serial No. (E/No) _____

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