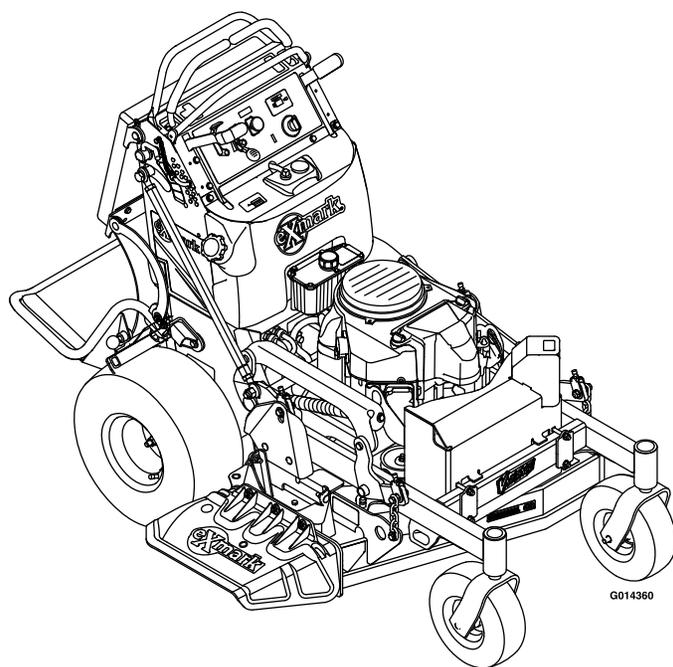




# VANTAGE® S-SERIES

Model No. VTS541CKA36300—Serial No. 31500000 and Up

Picture below may not reflect actual product.



# Parts Manual

Part No. 4502-235 Rev. A

# 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

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

# Touch Up Paint

Exmark black touch up spray paint – gloss black.

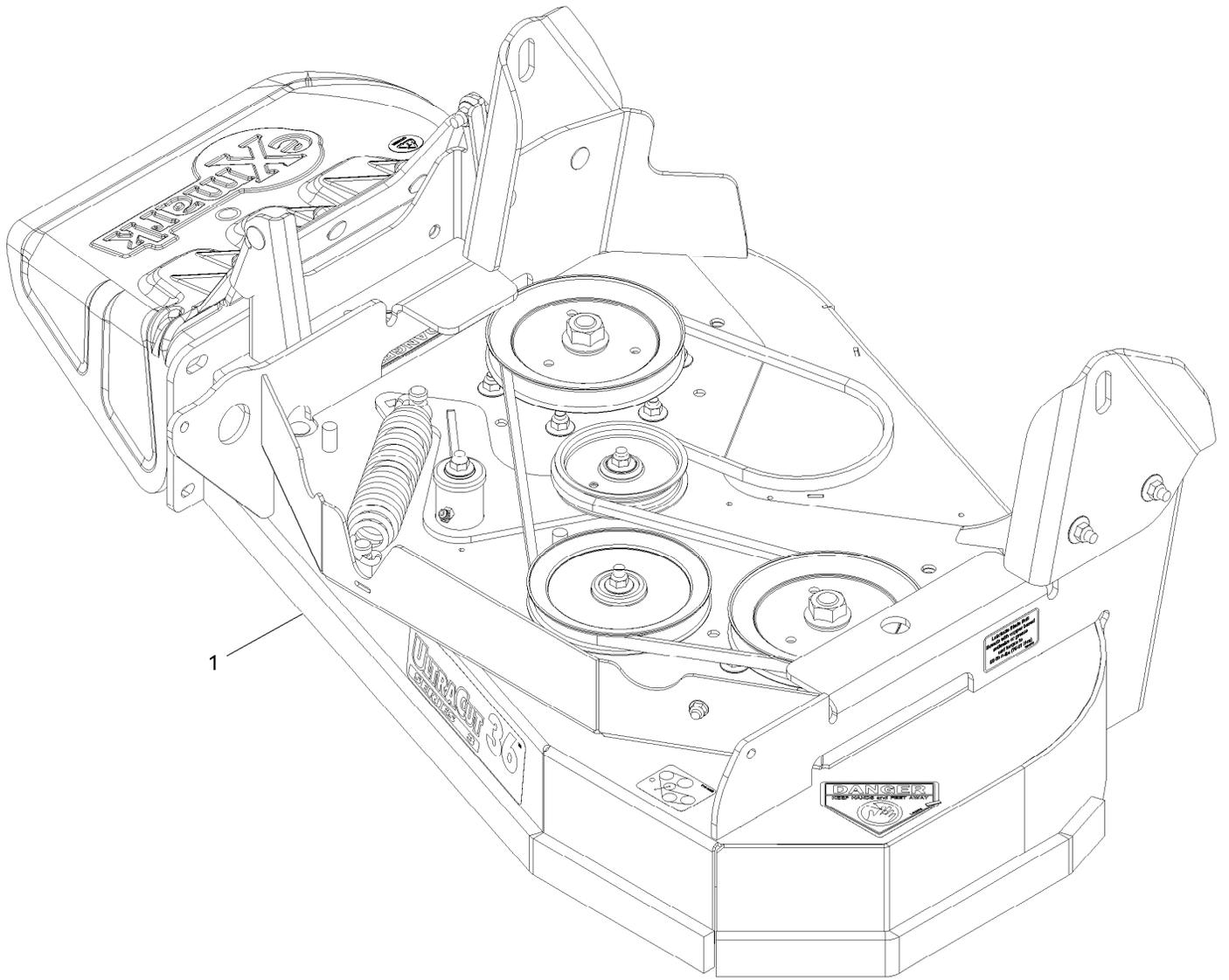
Exmark red touch up paint (spray paint – P/N 1-850337 - .6 oz liquid bottle – P/N 103-9140).



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.)

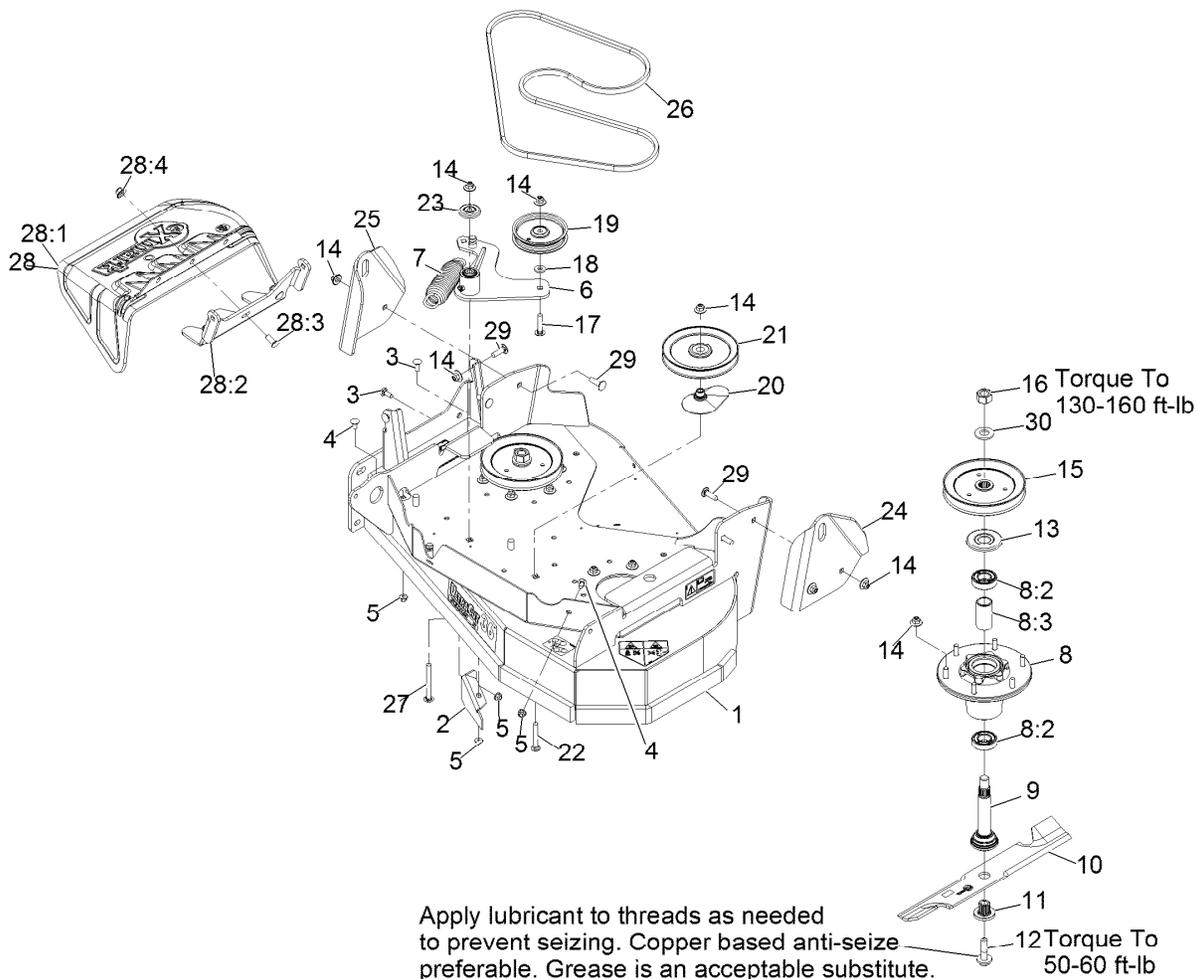
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## Complete Deck Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	116-4301	1	ASM,Deck Complete 363

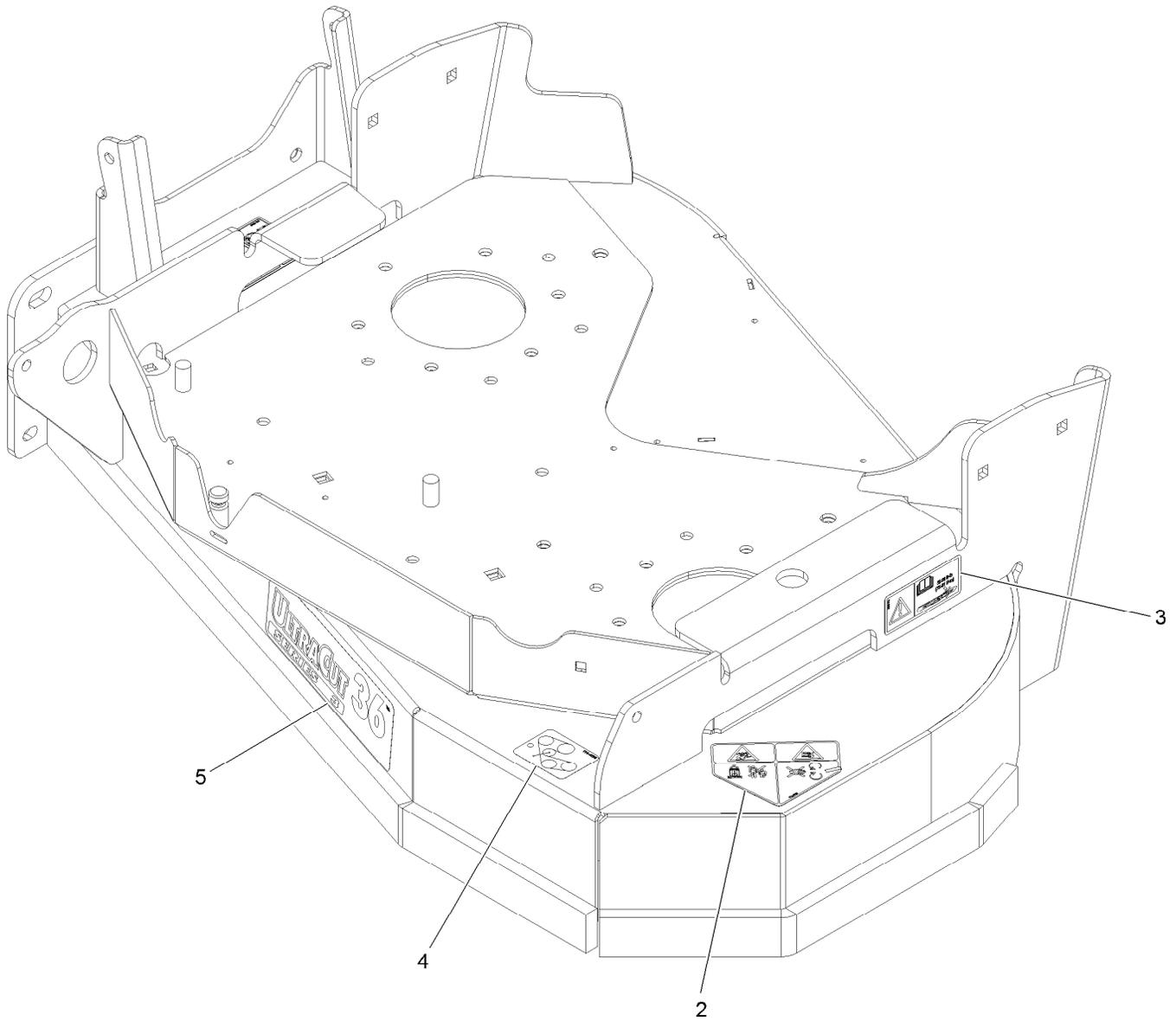


## Deck Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	116-3662	1	Deck ASM - 36	15	116-0675	2	Sheave, Blade Drive 6.50 ■
2	116-4244-01	1	Baffle-Dogleg	16	116-7306	2	Nut-Hex
3	3230-16	2	Bolt-Carriage 5/16-18 X 7/8	17	3231-5	1	Bolt-Carriage 3/8-16 X 1 3/4
4	3230-18	2	Bolt-Carriage 5/16-18 X 5/8	18	43-0940	1	Spacer
5	104-8300	4	Nut-Nyloc 5/16-18 Flg	19	93-1622	1	Pulley-Idler
6	116-3680	1	Idler Arm ASM -	20	109-2872	1	Spacer-Pulley
7	116-6317	1	Spring-Extension	21	116-3592	1	Pulley-Idler
8	116-3344	2	ASM-Cutter Hsg With Bearings	22	3231-31	1	Bolt-Carriage 3/8-16 X 2 1/2
8:2	116-0720	2	Bearing-Ball	23	103-2916	1	Guard-Top
8:3	116-3312	1	Spacer-Bearing	24	116-3675-01	1	Push-Tower, LH 36
9	116-3342	2	ASM-Spindle And Seal ■	25	116-3676-01	1	Push-Tower, RH 36
10	103-6402	2	Blade-Notched	26	116-3703	1	Belt-V
10	103-6397	2	Blade, Extreme	27	116-1502	1	Bolt-Carriage Shoulder 3/8-16 X 3 1/2
10	103-6392	2	Blade, Mulching ●	28	116-4230	1	Chute - Discharge ASM
10	103-6387	2	Blade, Low Lift	28:1	109-2738	1	Chute, Discharge
10	103-6382	2	Blade, Solid	28:2	116-4229-01	1	Bracket-Chute, Discharge
11	103-3037	2	Bushing, Splined	28:3	3231-22	3	Bolt-Carriage 3/8-16 X 1
12	109-9220	2	Screw-Sems 1/2-20 X 2.19	28:4	109-6658	3	Nut-Nyloc 3/8-16 Flg
13	116-1286	2	Guard, Bearing Top .989	29	3231-28	6	Bolt-Carriage 3/8-16 X 1 1/4
14	109-6658	21	Nut-Nyloc 3/8-16 Flg	30	103-2802	2	Washer-Spring Disc 3/4

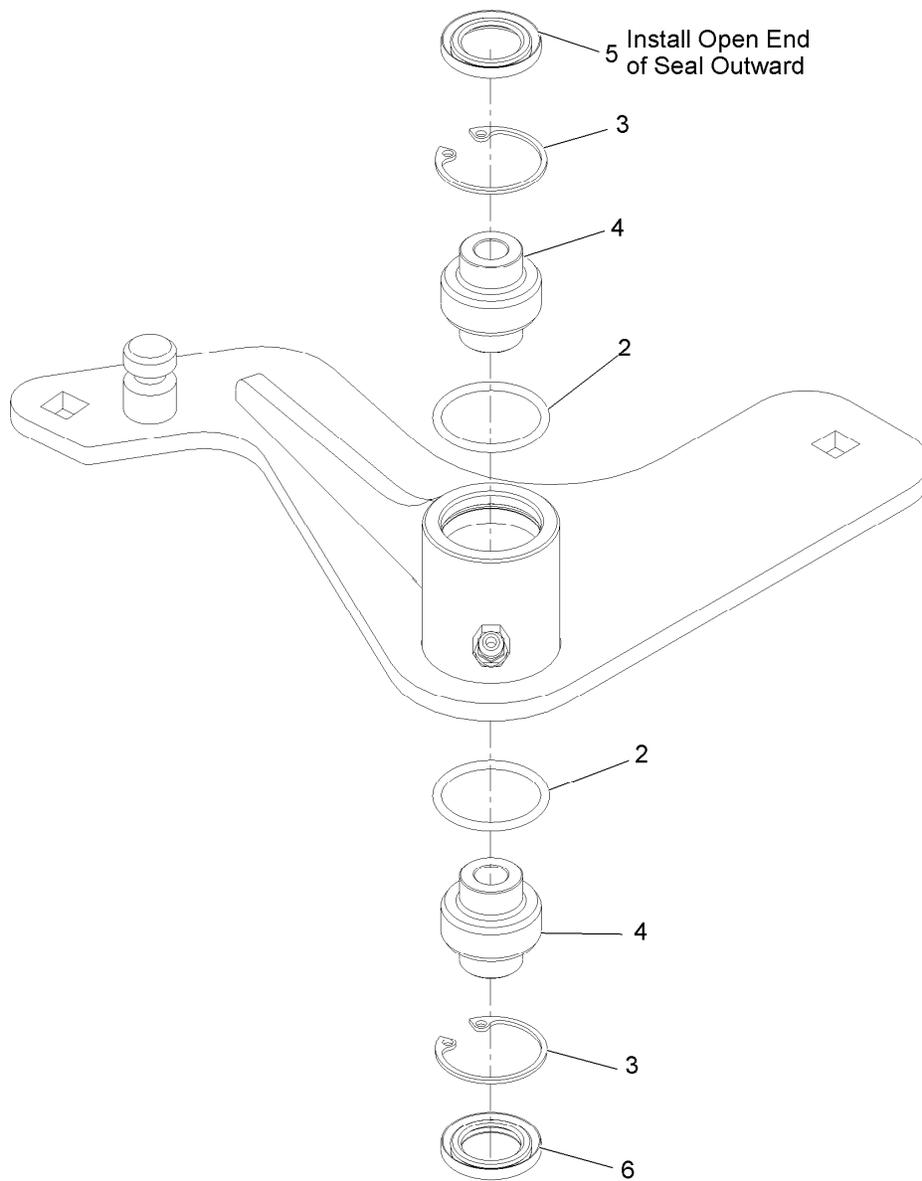
● Requires installation of mulch kit for proper mulching. See your Exmark dealer for details.

■ Apply Mobil HTS grease (P/N 103-5217 1.5 oz packet) (or a food-grade anti-seize). See operator s manual for locations.



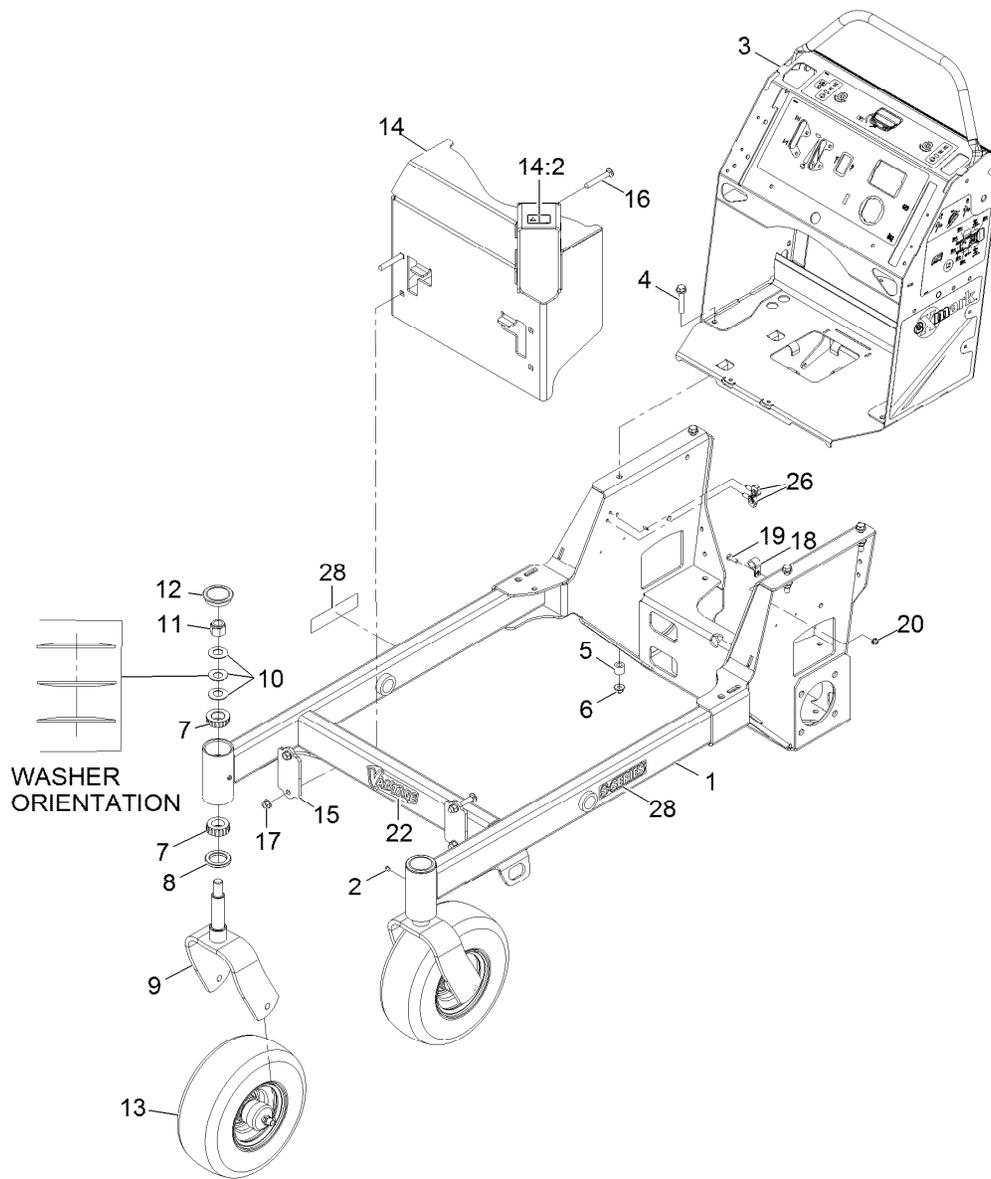
## Deck W/Decals Assembly No. 116-3662

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	112-8760	1	Decal-Danger
3	116-8283	1	Decal-Bolt Torque
4	116-4298	1	Decal-Belt Routing 36
5	116-4695	1	Decal-Ultracut 36 Series 3



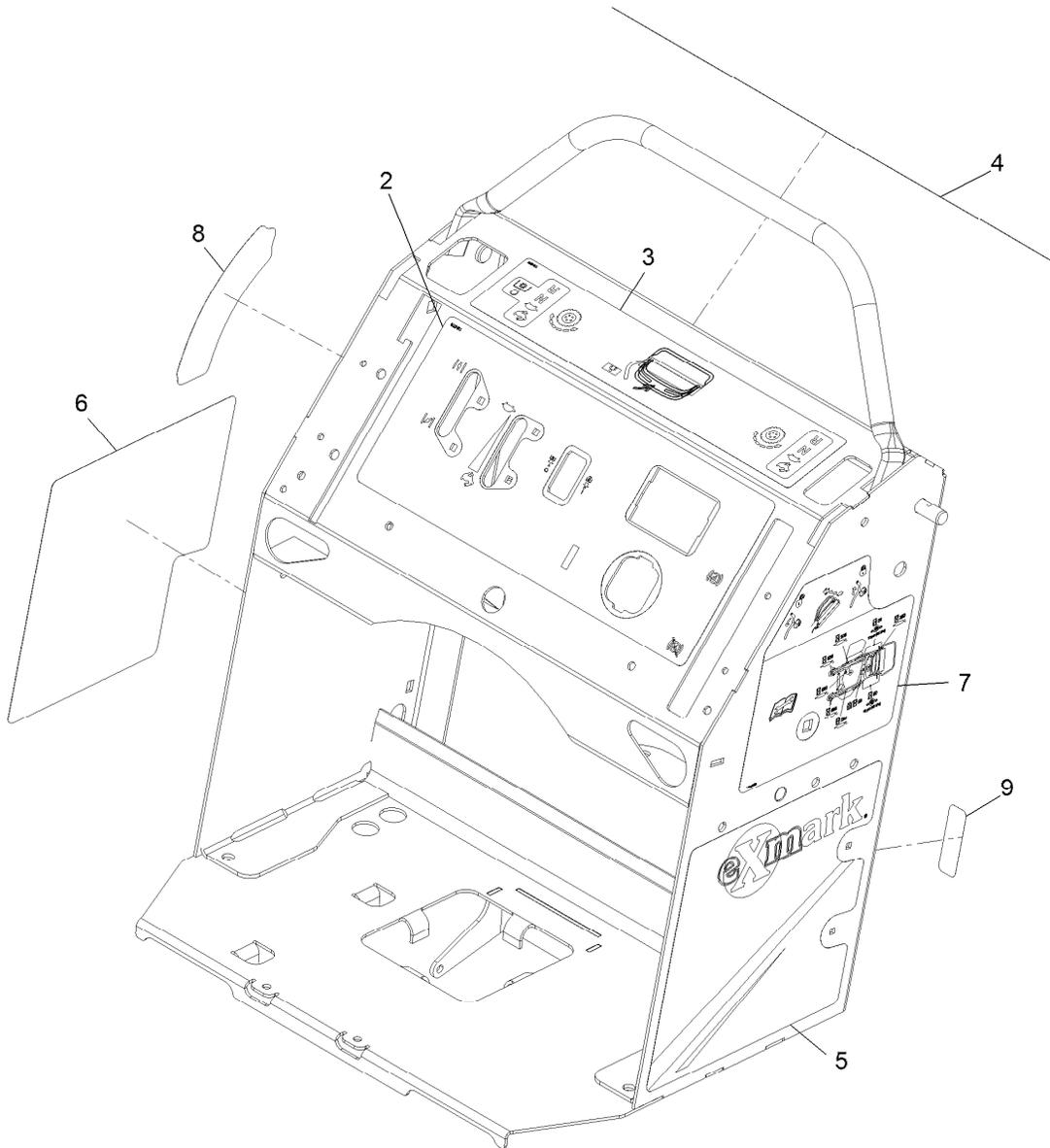
## Idler Arm Assembly No. 116-3680

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	106-7159	2	O-Ring
3	32120-10	2	Ring-Retaining
4	103-3504	2	Bearing-Spherical
5	103-3506	1	Seal-Single Lip
6	103-3505	1	Seal-Double Lip



## Main Frame Assembly

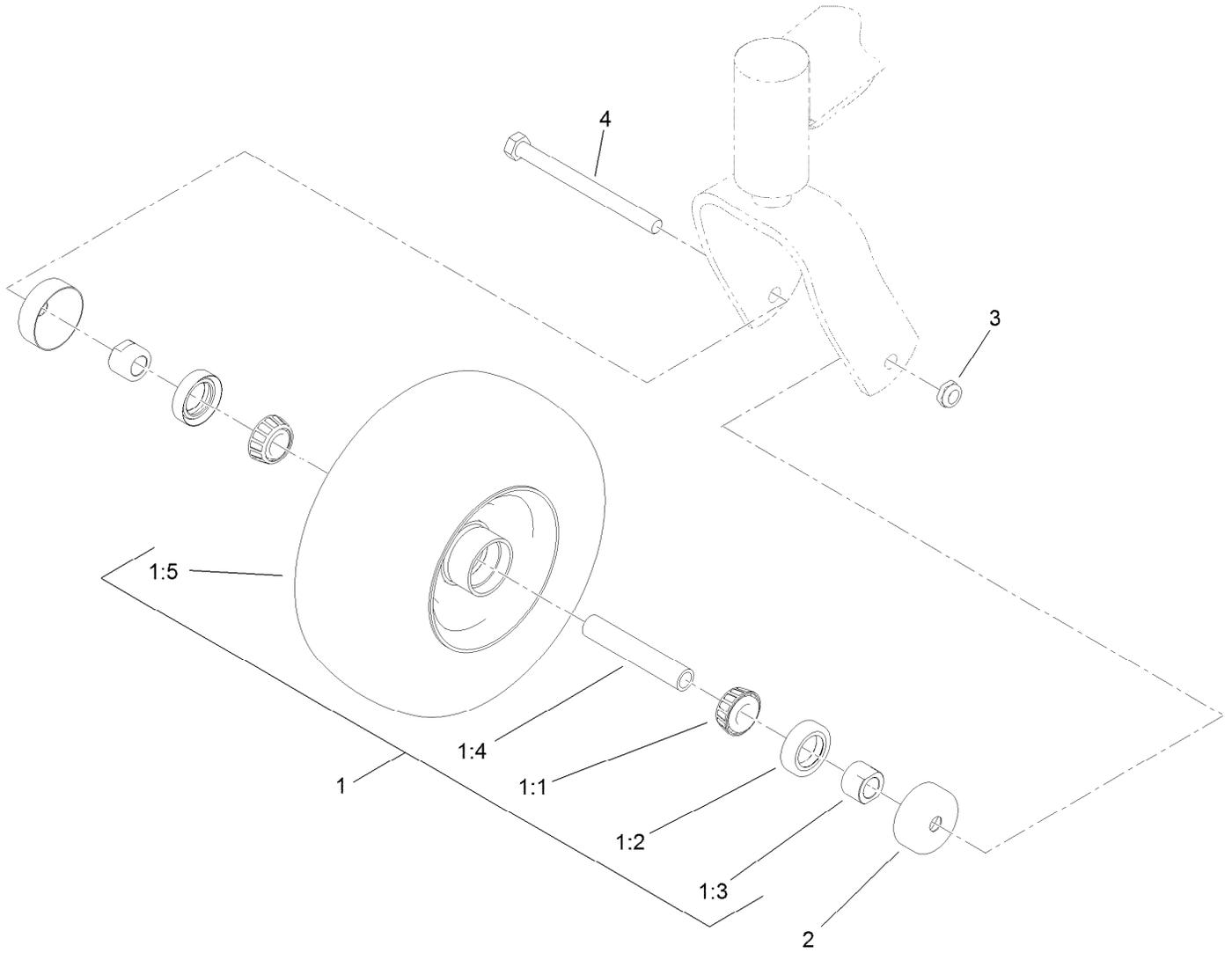
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	116-4650-01	1	Frame ASM	14	116-8739	1	Muffer Guard ASM
2	1-811010	2	Plug	14:2	106-5517	1	Decal-Warning, Hot Surface
3	116-6323	1	Control Tower ASM	15	119-7303-01	2	Bracket-Mounting, Guard
4	108-3742	4	Screw-HH Flg 3/8-16 X 2	16	3231-31	4	Bolt-Carriage 3/8-16 X 2 1/2
5	121-1760	4	Spacer	17	32128-21	4	Nut-3/8-16 Flanged Side Lock
6	104-8301	4	Nut-Nyloc 3/8-16 Flg	18	2412-87	1	Clamp-Cable
7	1-543509	4	Cone-Bearing Tapered Roller	19	321-4	1	Screw-HH 1/4-20 X 3/4
8	116-5647	2	Seal-Grease	20	104-7201	1	Nut-Nyloc 1/4-20 Flg
9	121-7988-01	2	Fork-Caster	22	116-4268	1	Decal-Vantage Logo
10	1-633508	6	Washer-Spring Disc	26	32180-040	2	Clip-Harness
11	3296-51	2	Nut-Nyloc 3/4-10	28	116-3884	2	Decal-S-Series
12	103-4882	2	Cap-Grease				
13	112-3810	2	Wheel/Tire And Bearing ASM				



## Control Tower W/Decals Assembly No. 116-6323

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	116-8779	1	Decal-Control Panel
3	116-8781	1	Decal-Motion Control
4	116-8780	1	Decal-Warning
5	116-4269	1	Decal-LH Panel
6	116-1909	1	Decal-RH Panel
7	116-8819	1	Decal-Service Aid
8	116-4270	1	Decal-Height Of Cut
9	116-8772	1	Decal-Fuse

# Wheel and Bearing Assembly No. 112-3810

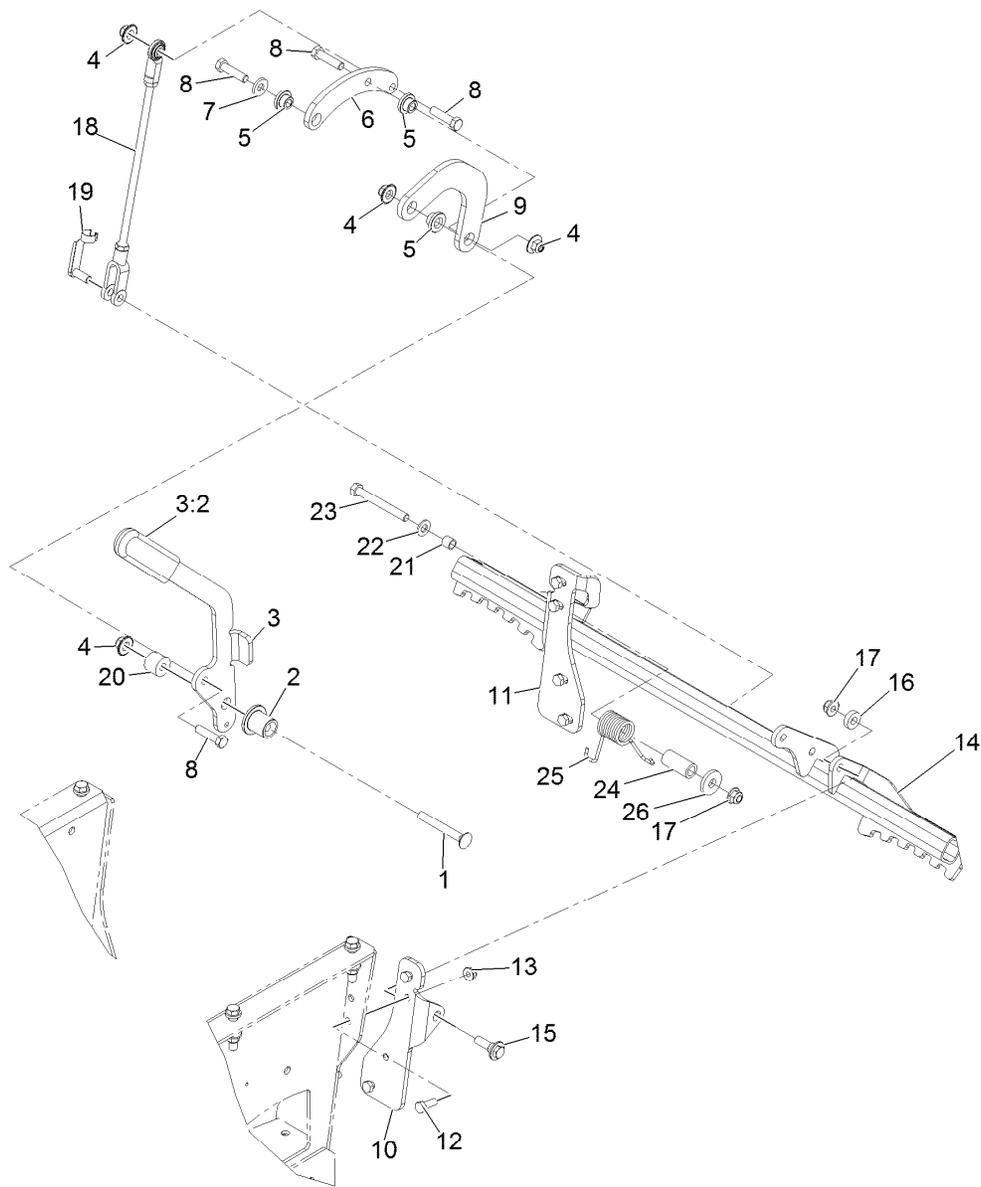


# Wheel and Bearing Assembly No. 112-3810 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	Wheel And Bearing ASM ●	1:5	110-9965	1	Wheel And Tire ASM
1:1	1-633585	2	Bearing-Cone, Taper	2	103-2768	2	Guard-Seal
1:2	103-0063	2	Seal-Caster	3	3296-45	1	Nut-Lock, NI
1:3	103-3051	2	Spacer-Nut ■	4	325-20	1	Screw-HH
1:4	103-3157	1	Axle-Caster				

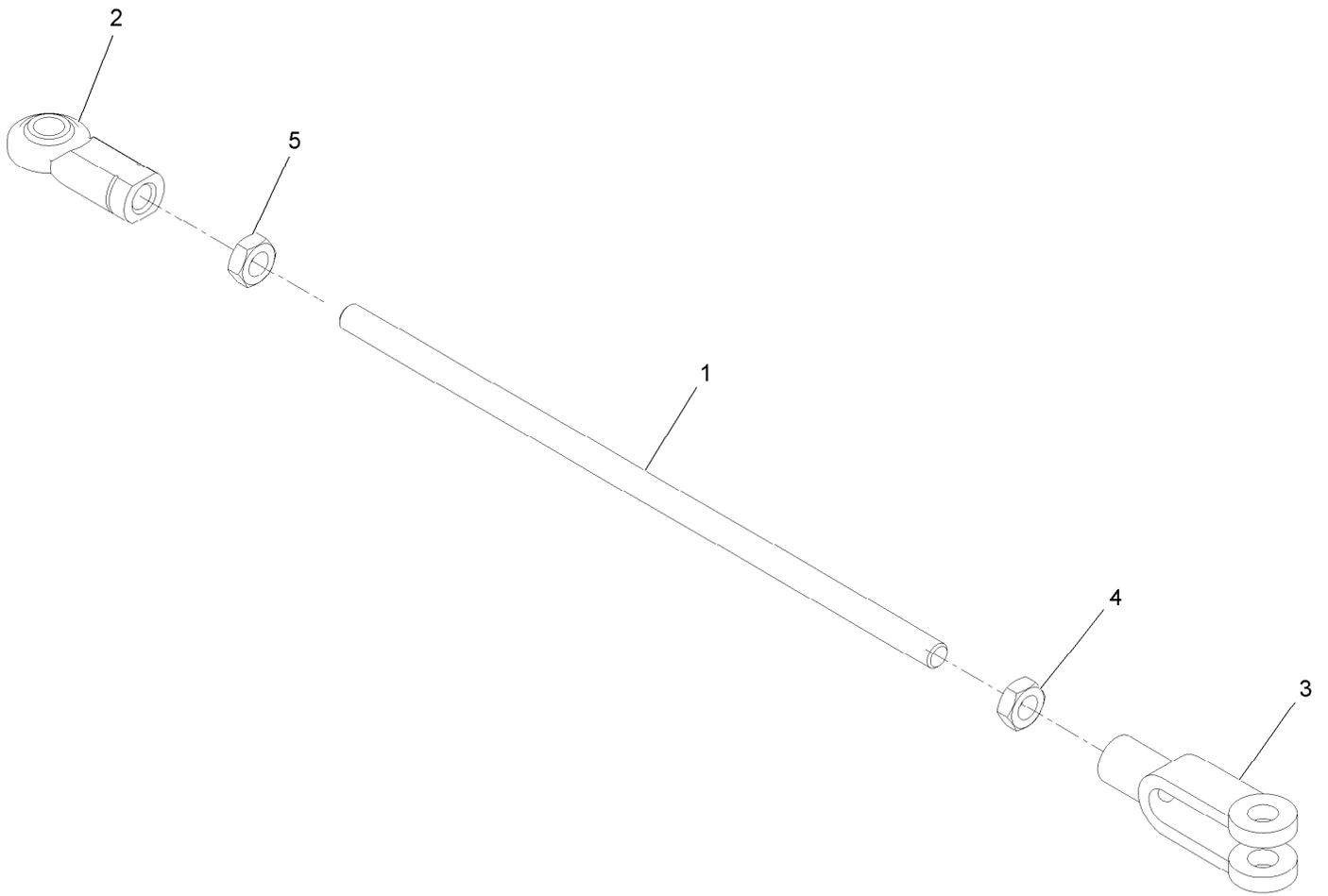
● Not serviced separately

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



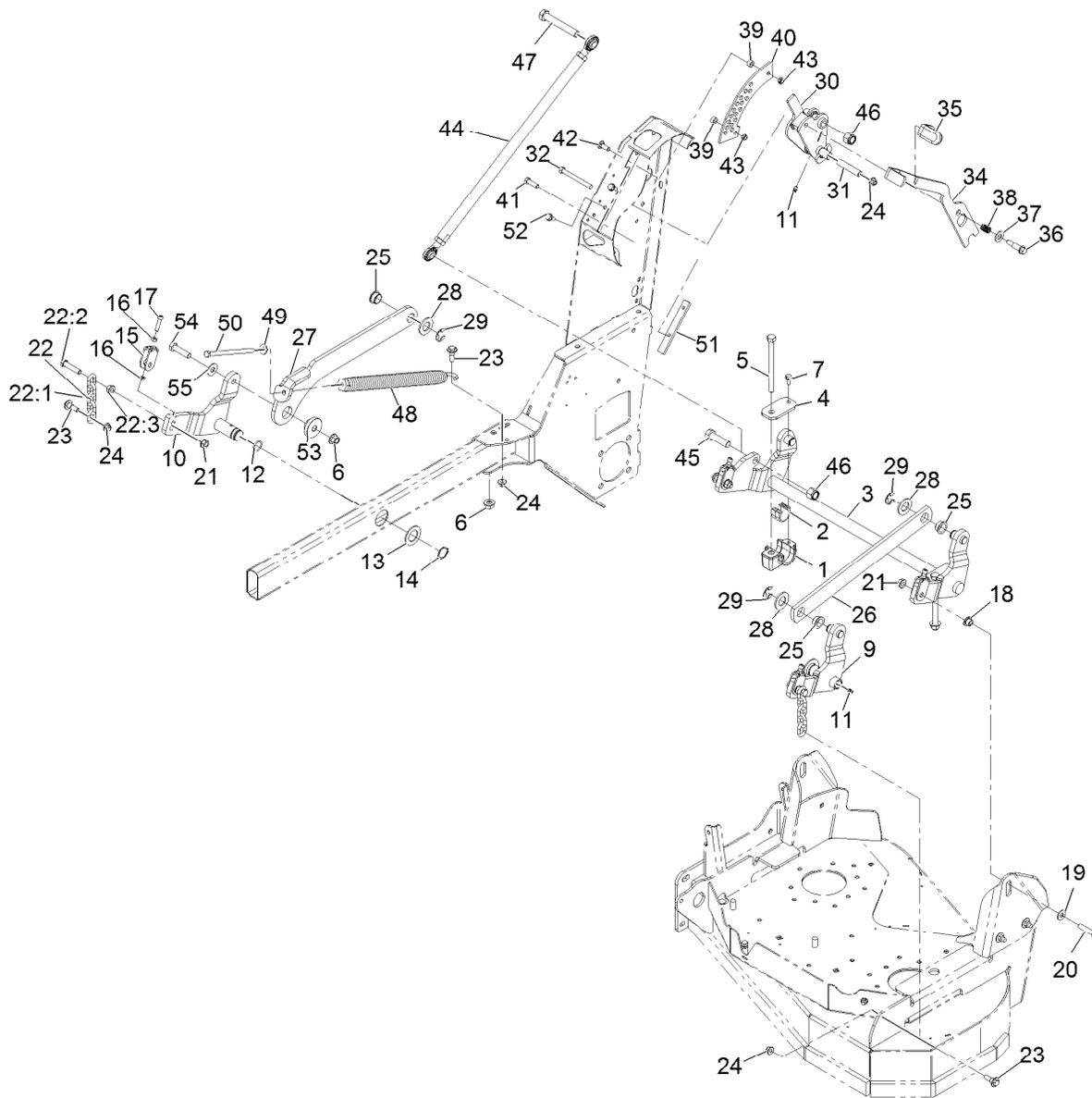
## Park Brake Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	3231-10	1	Bolt-Carriage 3/8-16 X 3	14	116-4600-03	1	Bar-Brake
2	116-4928	1	Bushing-Handle	15	614672	1	Screw-Shoulder 3/8-16 X 1.295
3	116-4680	1	Handle-W/Grip ASM	16	5-0652	1	Spacer
3:2	1-633268	1	Grip-Lever	17	104-8301	2	Nut-Nyloc 3/8-16 Flg
4	109-6658	4	Nut-Nyloc 3/8-16 Flg	18	116-4166	1	ASM-Brake Linkage
5	116-4929	3	Bushing-Flanged	19	103-2399	1	Pin-Clevis Spring 3/8
6	116-4806	1	Arm-Brake Bellcrank	20	92-5791	1	Spacer
7	98-5975	1	Washer-Spring Disc 3/8	21	117-9684	1	Spacer
8	323-8	4	Screw-HH 3/8-16 X 1 1/2	22	3256-24	1	Washer-3/8 Sae
9	116-4805	1	Link-Brake Handle	23	323-20	1	Screw-HH 3/8-16 X 3-1/4
10	116-4681-01	1	Bracket-Brake Mount, LH	24	117-9683	1	Spacer
11	116-4682-01	1	Bracket-Brake Mount, RH	25	108-4052	1	Spring-Torsion
12	322-4	8	Screw-HH 5/16-18 X 7/8	26	1-373034	1	Washer
13	104-8300	8	Nut-Nyloc 5/16-18 Flg				



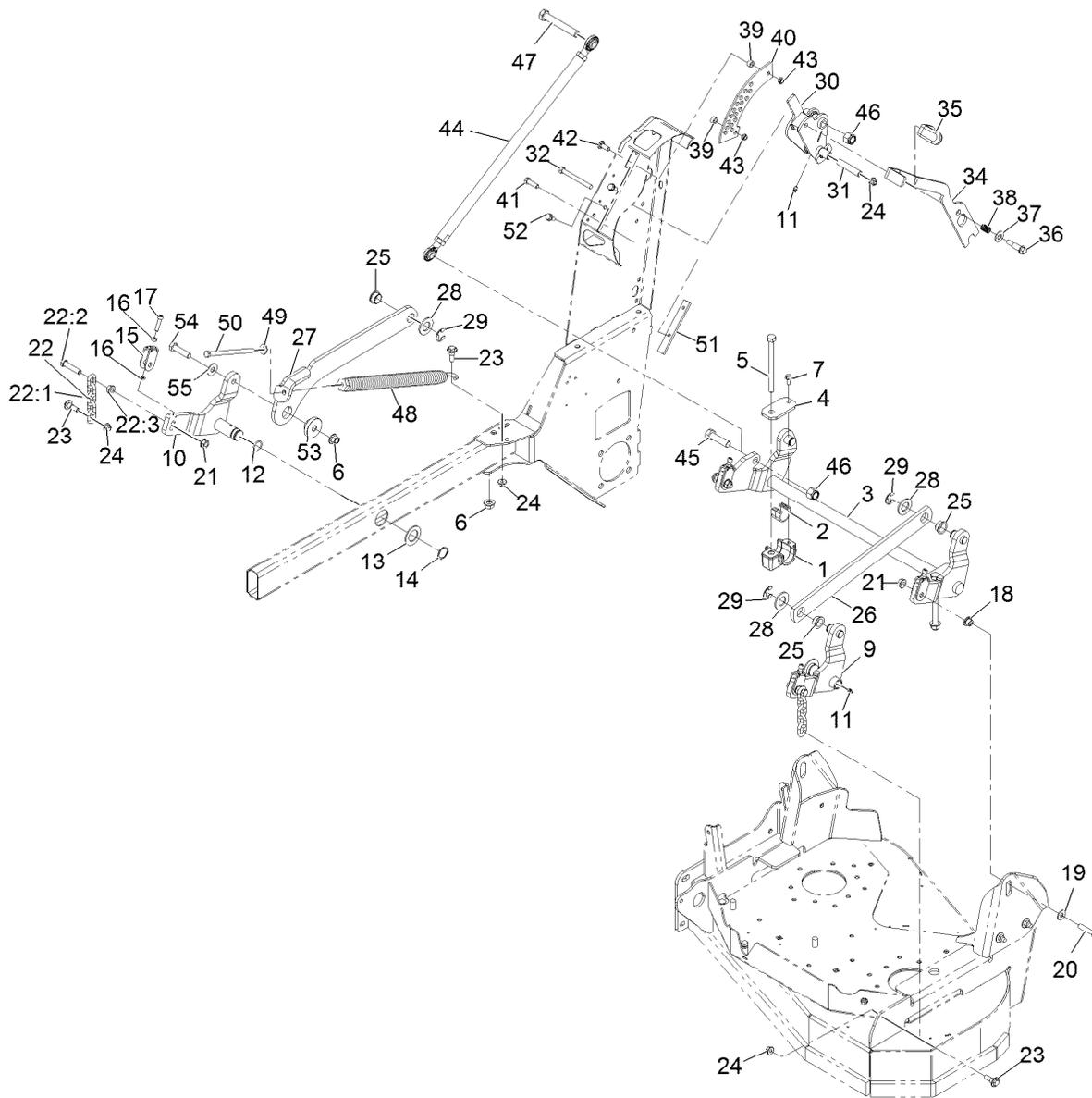
## Brake Linkage Assembly No. 116-4166

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	116-4818	1	Rod-Brake Linkage
2	103-1167	1	Joint-Ball End, .38X.38Fe LH
3	1-633131	1	Yoke-Linkage, Brake
4	3220-3	1	Nut-Jam 3/8-24
5	3220-16	1	Nut-Jam 3/8-24 LH



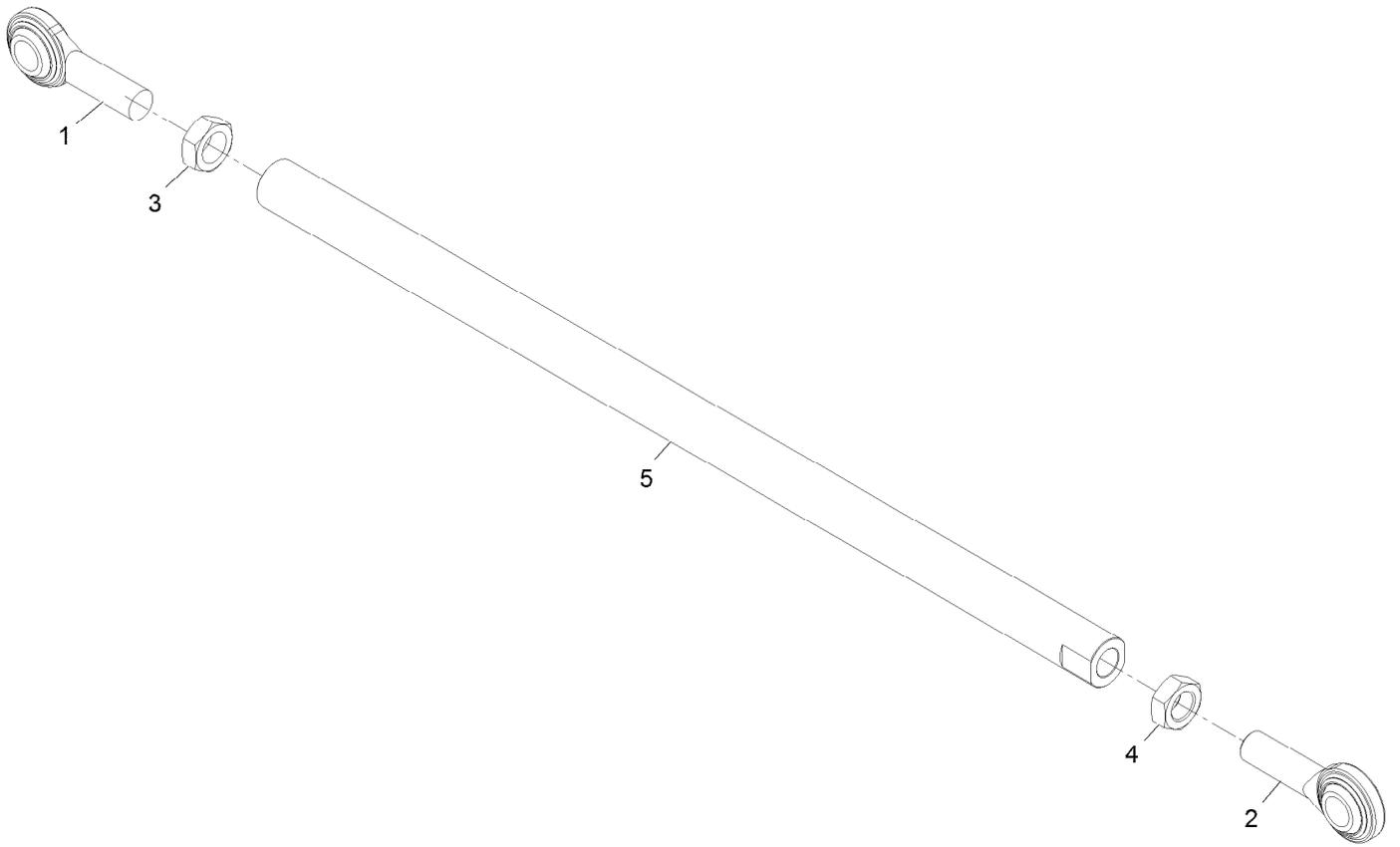
## Deck Lift Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	116-4638-01	2	Support-Bearing	22	116-0756	2	Deck Lift Chain ASM
2	109-9410	2	Bearing-Cross Shaft, Front	22:1	1-633447	1	Chain-Lift, Deck
3	116-3725-01	1	Rear Crossshaft ASM	22:2	109-9065	1	Screw-HH 7/16-14 X 2
4	116-3733-01	2	Cover-Bearing Support	22:3	32128-37	1	Nut-Whizlock 7/16-14
5	325-20	2	Screw-HH 1/2-13 X 6	23	109-9840	3	Screw-Hex Flange 3/8-16 X .80
6	99-5107	3	Nut-Lock 1/2-13	24	104-8301	4	Nut-Nyloc 3/8-16 Flg
7	100-1668	2	Screw-Flange	25	116-2909	3	Bearing-Flange
9	116-4663-01	1	Decklift Arm ASM-LH	26	116-3972-03	1	Link-Decklift, LH
10	116-4664-01	1	Decklift Arm ASM-RH	27	116-4661-03	1	Link-Decklift, RH
11	302-5	3	Zerk 1/4-28 Str Thrd Forming	28	3256-29	3	Washer-7/8 Sae
12	237-77	2	O Ring	29	32151-103	3	E-Ring
13	69-8910	2	Washer	30	116-5602	1	ASM-HOC Handle
14	32120-2	2	Ring-Retaining	31	116-4021	1	Bearing-HOC Pivot
15	109-9066	4	Yoke-Adjust, Deck	32	323-42	1	Screw-HH 3/8-16 X 3 3/4
16	3218-2	8	Nut-Jam 5/16-18	34	114-1878-03	1	Lever-HOC
17	3274-18	4	Screw-Sh 5/16-18 X 1 1/4	35	1-633268	1	Grip-Lever
18	116-2428	2	Bushing-Flanged	36	66-0561	1	Screw-Shoulder
19	3256-4	2	Washer-3/8 Std	37	3256-26	1	Washer-1/2 Sae
20	109-9065	2	Screw-HH 7/16-14 X 2	38	65-9940	1	Spring
21	32128-37	4	Nut-Whizlock 7/16-14	39	111044	2	Bushing



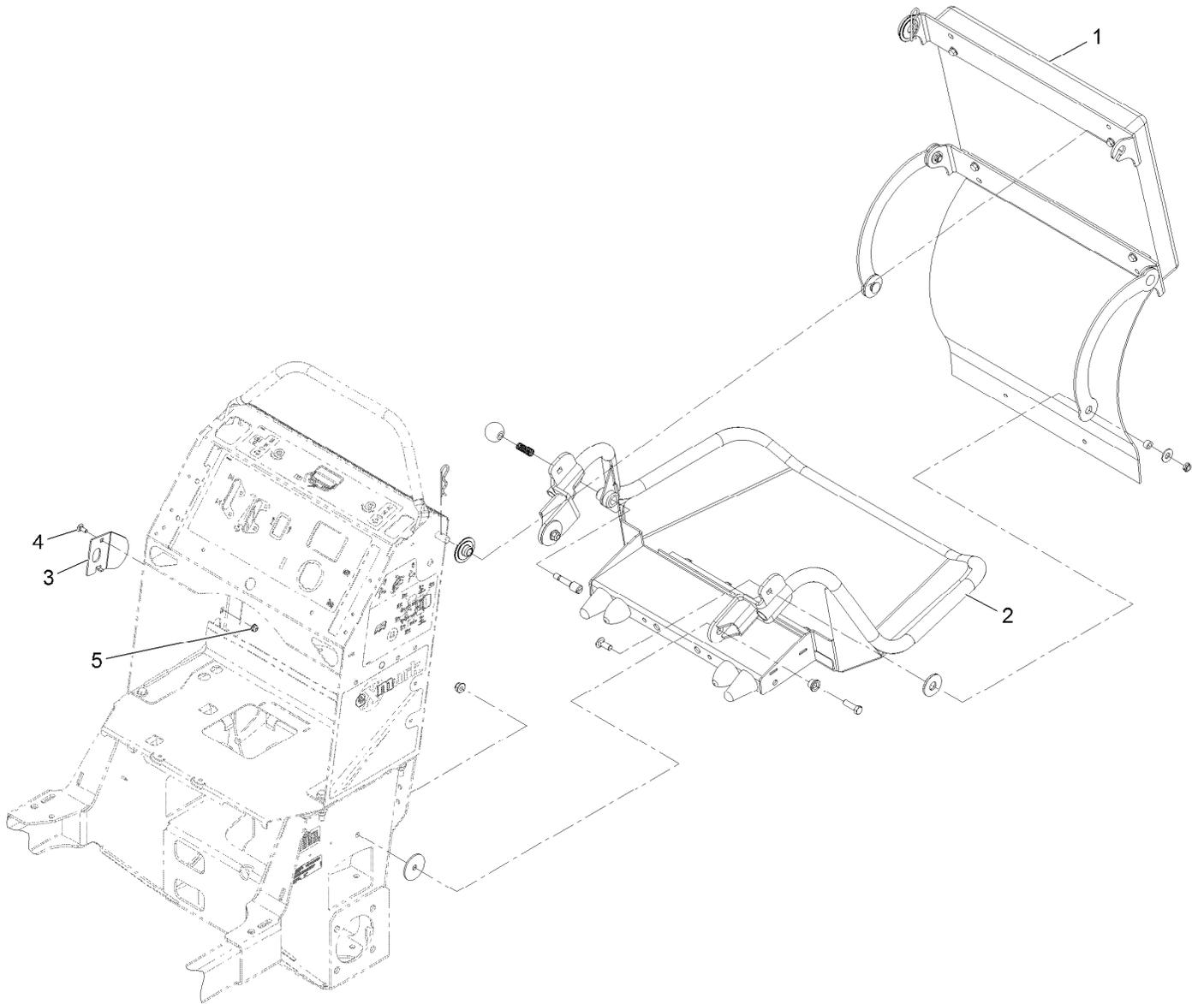
## Deck Lift Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
40	116-3971	1	Bracket-HOC	49	98-5975	1	Washer-Spring Disc 3/8
41	323-7	1	Screw-HH 3/8-16 X 1 1/4	50	323-58	1	Bolt-HH 3/8-16 X 6 Tap
42	3231-22	1	Bolt-Carriage 3/8-16 X 1	51	116-3124	1	Skid-Handle, Lift
43	3296-59	2	Nut-Nyloc 3/8-16 Thin	52	32144-11	2	Screw-HWH 5/16-18 X 3/4 Tf
44	116-3975	1	HOC Link ASM	53	116-4702	1	Bushing-Flanged
45	327-22	1	Screw-HH	54	325-8	1	Screw-HH 1/2-13 X 1 1/4
46	3296-53	2	Nut-Nyloc 5/8-11	55	3256-5	1	Washer-7/16 Std
47	327-29	1	Screw-HH				
48	116-0886	1	Extension Spring ASM				



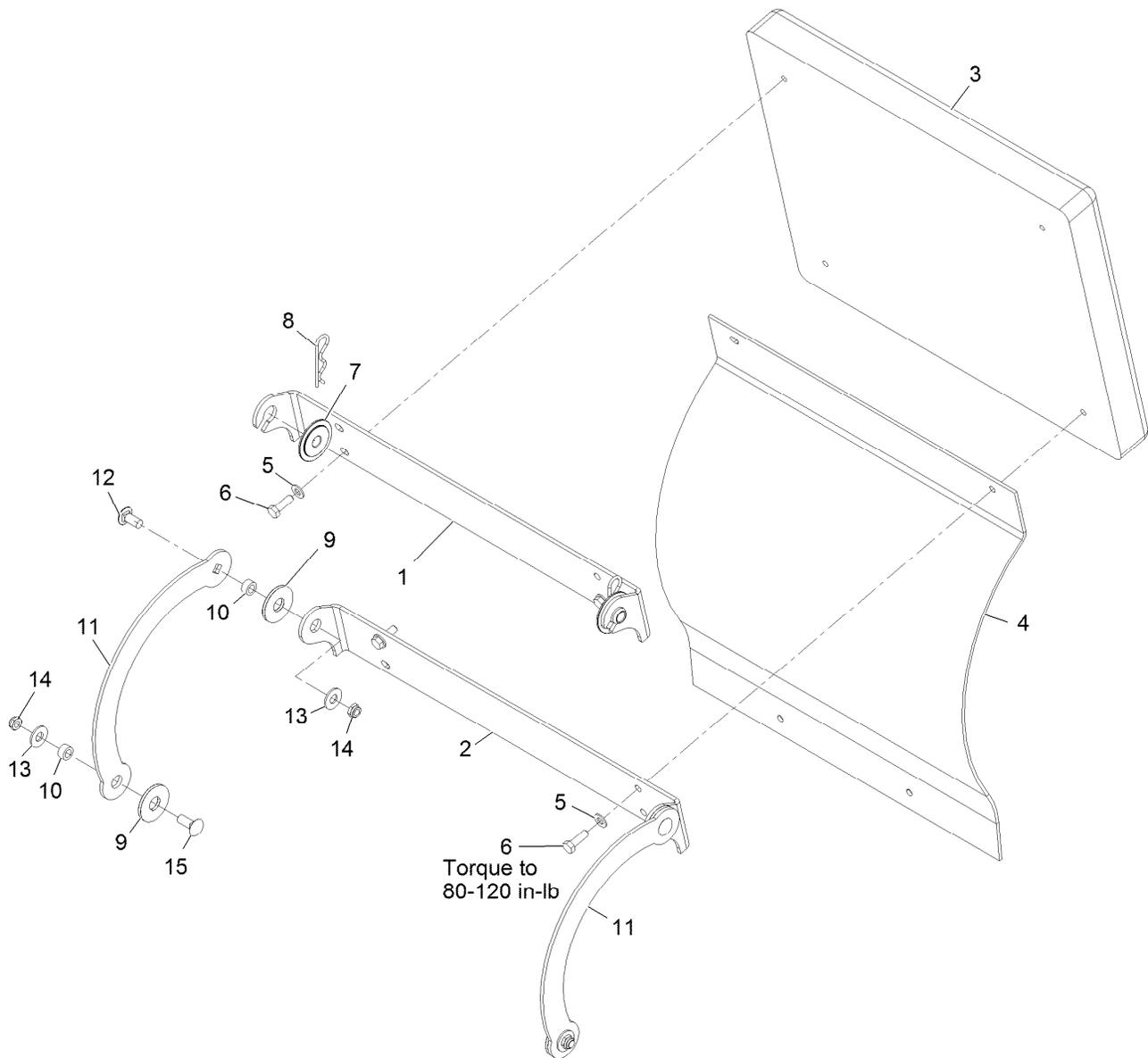
## Height of Cut Link Assembly No. 116-3975

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	1-633029	1	Balljoint
2	117-5291	1	Balljoint-Spherical
3	3220-6	1	Nut-Jam
4	117-5293	1	Nut-Jam
5	116-5488	1	Link-Height Of Cut



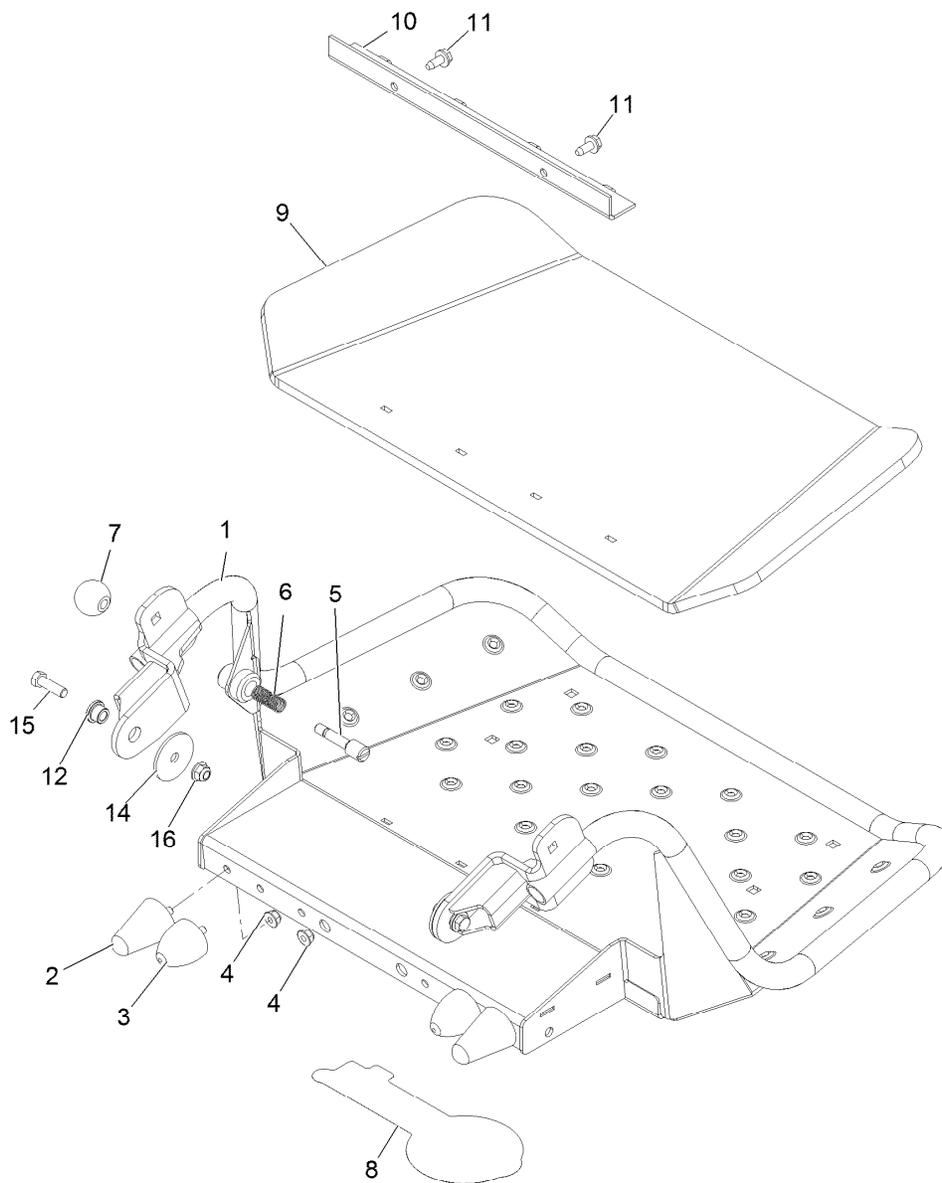
## Platform Assembly

<b>Ref.</b>	<b>Part Number</b>	<b>Qty.</b>	<b>Description</b>
1	126-1210	1	ASM, Cushion
2	116-3523	1	Platform ASM
3	119-7312	1	Plate-Striker
4	3229-11	1	Bolt-Carriage 1/4-20 X 5/8
5	104-7201	1	Nut-Nyloc 1/4-20 Flg



## Cushion Assembly No. 126-1210

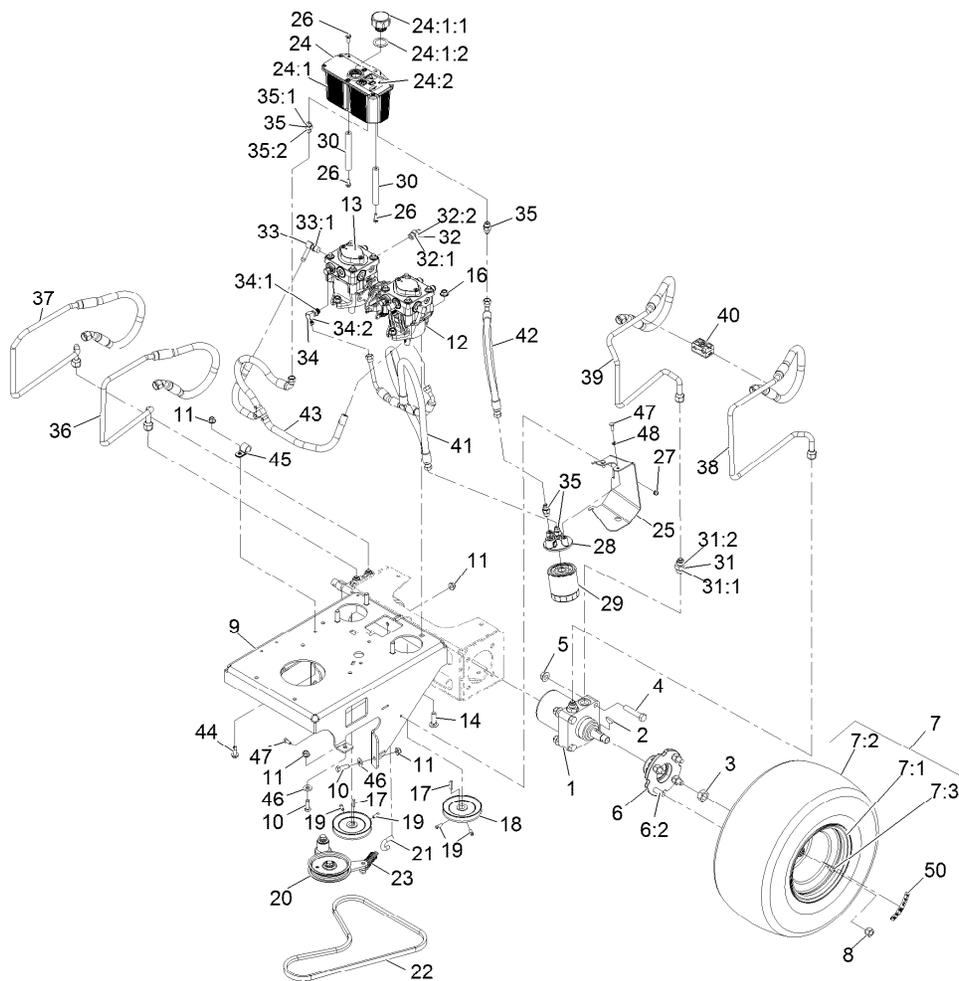
Ref.	Part Number	Qty.	Description
1	116-2757-03	1	Hinge-Pad
2	116-2061-03	1	Hinge-Pad
3	116-1790	1	Pad,Grey Cushion
4	126-0362	1	Shield, Rear
5	3256-23	4	Washer-5/16 Sae
6	116-0648	4	Screw-HH 5/16-18 X 1 W/Patch
7	116-2886	2	Slide-Bushing
8	3290-355	2	Pin-Hair
9	114-0463	4	Washer-Friction, Composite
10	111044	4	Bushing
11	114-1915-03	2	Link-Pad
12	3231-27	2	Bolt-Carriage 3/8-16 X 7/8
13	3256-4	4	Washer-3/8 Std
14	3296-59	4	Nut-Nyloc 3/8-16 Thin
15	3231-2	2	Bolt-Carriage 3/8-16 X 1



## Platform Assembly No. 116-3523

Ref.	Part Number	Qty.	Description
1	117-7660-03	1	Platform ASM
2	114-1925	2	Bumper-Rubber
3	114-1926	2	Bumper-Rubber
4	104-8300	4	Nut-Nyloc 5/16-18 Flg
5	119-8650	1	Pin-Latch ●
6	114-5348	1	Spring
7	1-603175	1	Knob-Ball
8	1-653546	1	Decal, Exmark
9	114-5349	1	Mat-Foot
10	114-1920-03	1	Clamp-Shield
11	32144-70	2	Screw-HWH 5/16-18 X 3/4 Tf
12	109-8788	2	Bushing-Flanged
14	83-1040	2	Washer
15	323-7	2	Screw-HH 3/8-16 X 1 1/4
16	104-8301	2	Nut-Nyloc 3/8-16 Flg

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



## Ground Drive Assembly

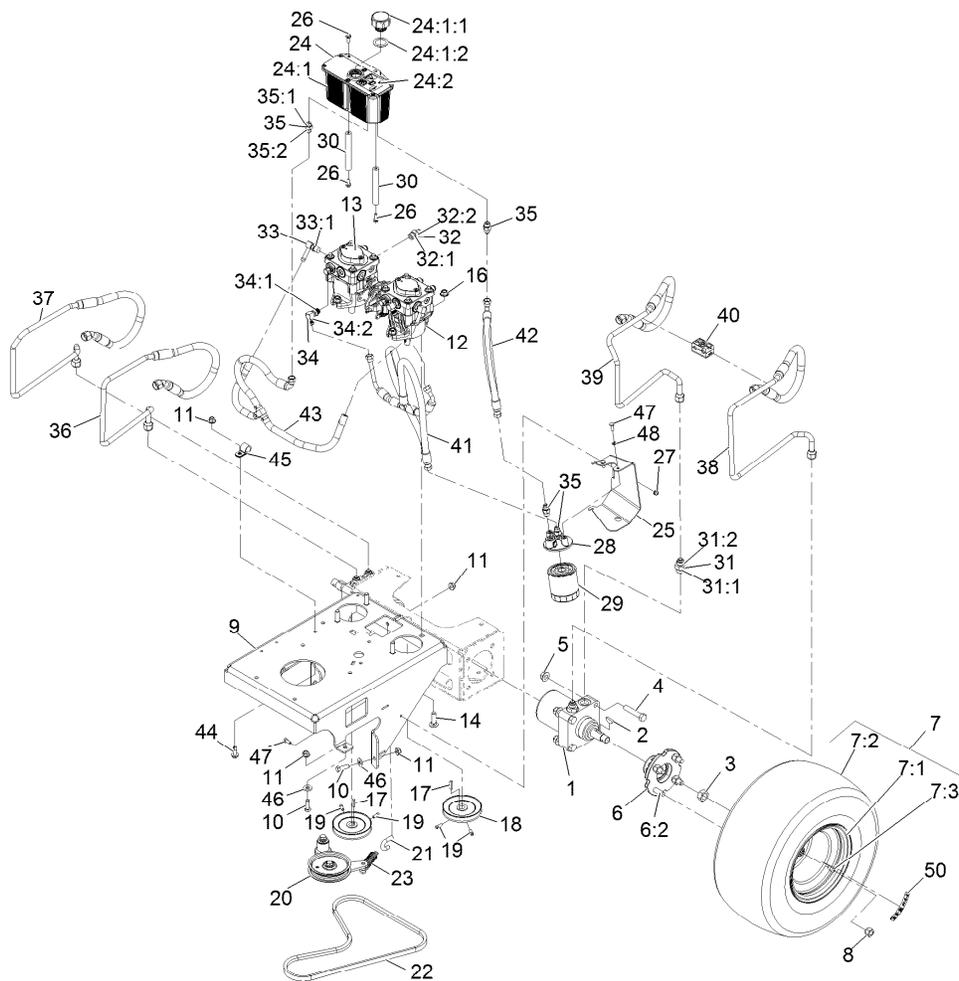
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	104-1171	2	HYD Motor ASM	22	119-0174	1	Belt-V
2	3257-8	2	Key-Woodruff	23	108-4056	1	Spring-Extension
3	85-7310	2	Nut-Motor, Wheel	24	116-2066	1	ASM,Reservoir W/Decals ▲
4	325-10	8	Screw-HH	24:1		1	Reservoir-HYD ●
5	32128-23	8	Nut-HF	24:1:1	103-1948	1	Cap-Reservoir, HYD
6	105-0800	2	Wheel Hub ASM	24:1:2	103-1949	1	Gasket-Cap
6:2	10-6830	4	Stud-Type, Drive	24:2	115-4212	1	Decal-Warning
7	116-4587	2	Wheel/Tire ASM	25	116-4319-01	1	Plate-Filter Mount
7:1	116-4605	1	Rim-8 Inch	26	117-8304	4	Screw-HHF
7:2	116-4606	1	Tire	27	104-7201	1	Nut-HF
7:3	232-27	1	Stem-Valve	28	103-2888	1	Head-Filter
8	242-50	8	Nut-Lug	29	109-4180	1	Element, Oil Filter
9	116-8745-01	1	Base, Engine [red]	30	116-4343	2	Rod-Reservoir Stand
10	323-18	4	Screw-HH	31	1-603991	4	Fitting-Straight
11	104-8301	6	Nut-Flange, NI	31:1	237-80	1	O-Ring
12	116-2572	1	Pump - Hydraulic	31:2	1-603992	1	O-Ring
13	116-4635	1	Pump-Hydraulic	32	1-603990	4	Fitting-Straight
14	3232-3	4	Bolt-CARR	32:1	1-603920	1	O-Ring
16	114-8417	4	Nut-HF, NI	32:2	1-603992	1	O-Ring
17	1-807272	2	Key	33	100-4887	2	Fitting-Barbed, 90 DEG
18	105-5648	2	Pulley-Pump ■	33:1	237-42	1	O-Ring
19	3241-5	4	Screw-Set ◆	34	103-2155	2	Fitting-90 DEG
20	116-9980	1	Pump Idler ASM	34:1	1-603921	1	O-Ring
21	116-8526	1	Anchor, Spring	34:2	103-1020	1	O-Ring

● Not serviced separately

▲ Use Exmark Premium Hydro Oil P/N 109-9828 (32oz)

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

■ Apply anti-seize compound in bore.



## Ground Drive Assembly (continued)

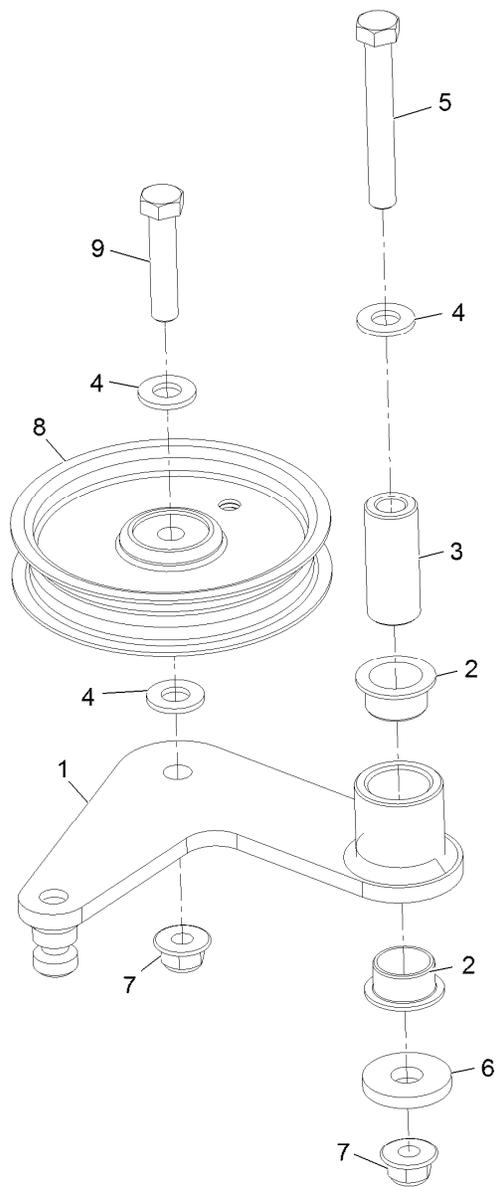
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
35	103-2156	4	Fitting-Straight	42	116-4252	1	Hose ASM-HYD LP 3/8X14.4
35:1	1-603921	1	O-Ring	43	116-5460	1	Hose ASM - HYD 3/8
35:2	103-1020	1	O-Ring	44	105-6245	1	Screw-Tapping
36	116-5526	1	Hose-Hardline	45	1-633396	1	Clip-Loom
37	116-5525	1	Hose-Hardline	46	98-5975	4	Washer-Belleville
38	116-5523	1	Hose-Hardline	47	321-3	3	Screw-HH
39	116-5524	1	Hose-Hardline	48	1-805004	2	Washer-Lock
40	116-5804	2	Clamp, Stauff 212,7/12,7 W/Retainers	50	126-2130	2	Decal-Wheel Torque
41	116-5145	1	Hose-ASM Charge				

● Not serviced separately

▲ Use Exmark Premium Hydro Oil P/N 109-9828 (32oz)

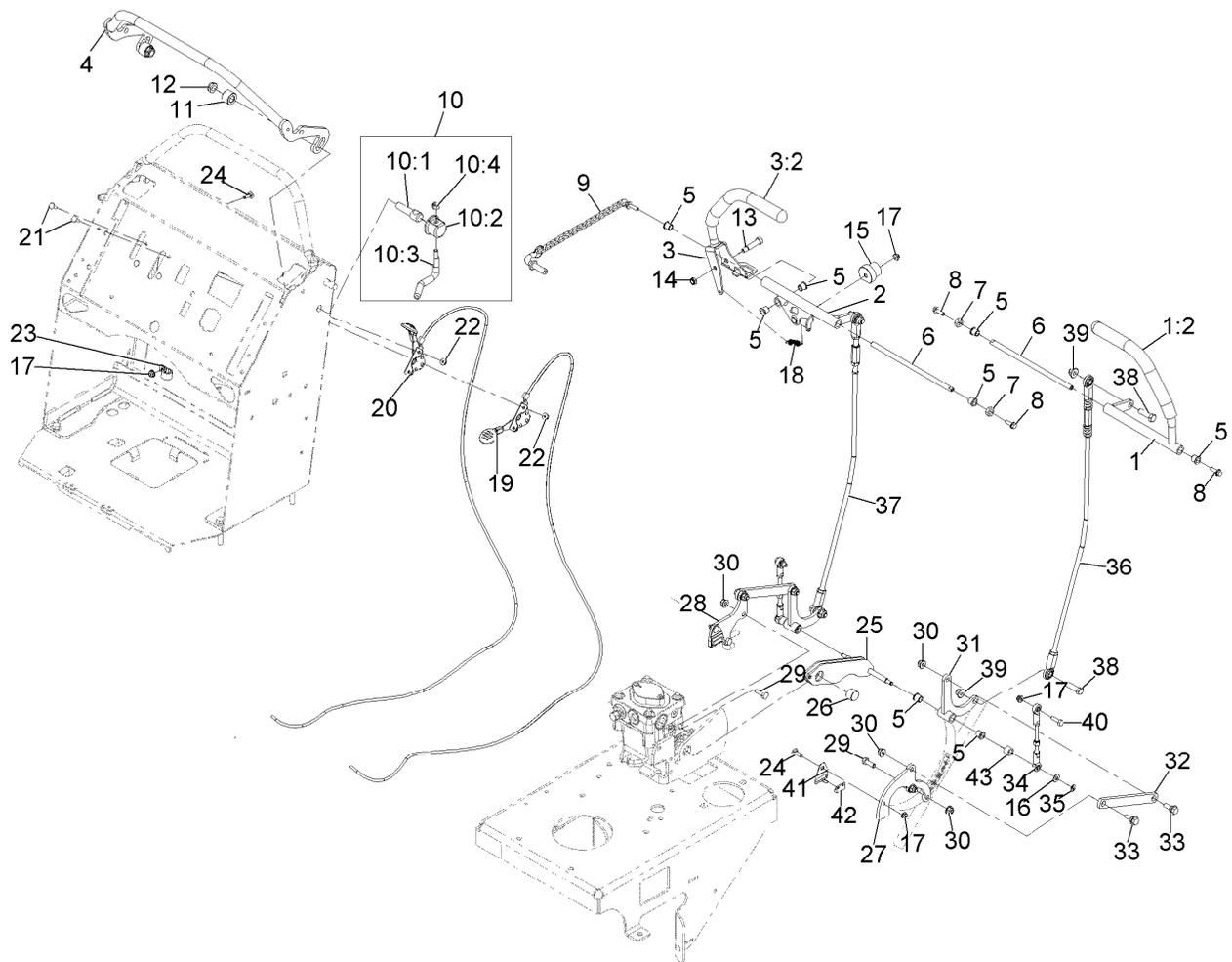
◆ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.

■ Apply anti-seize compound in bore.



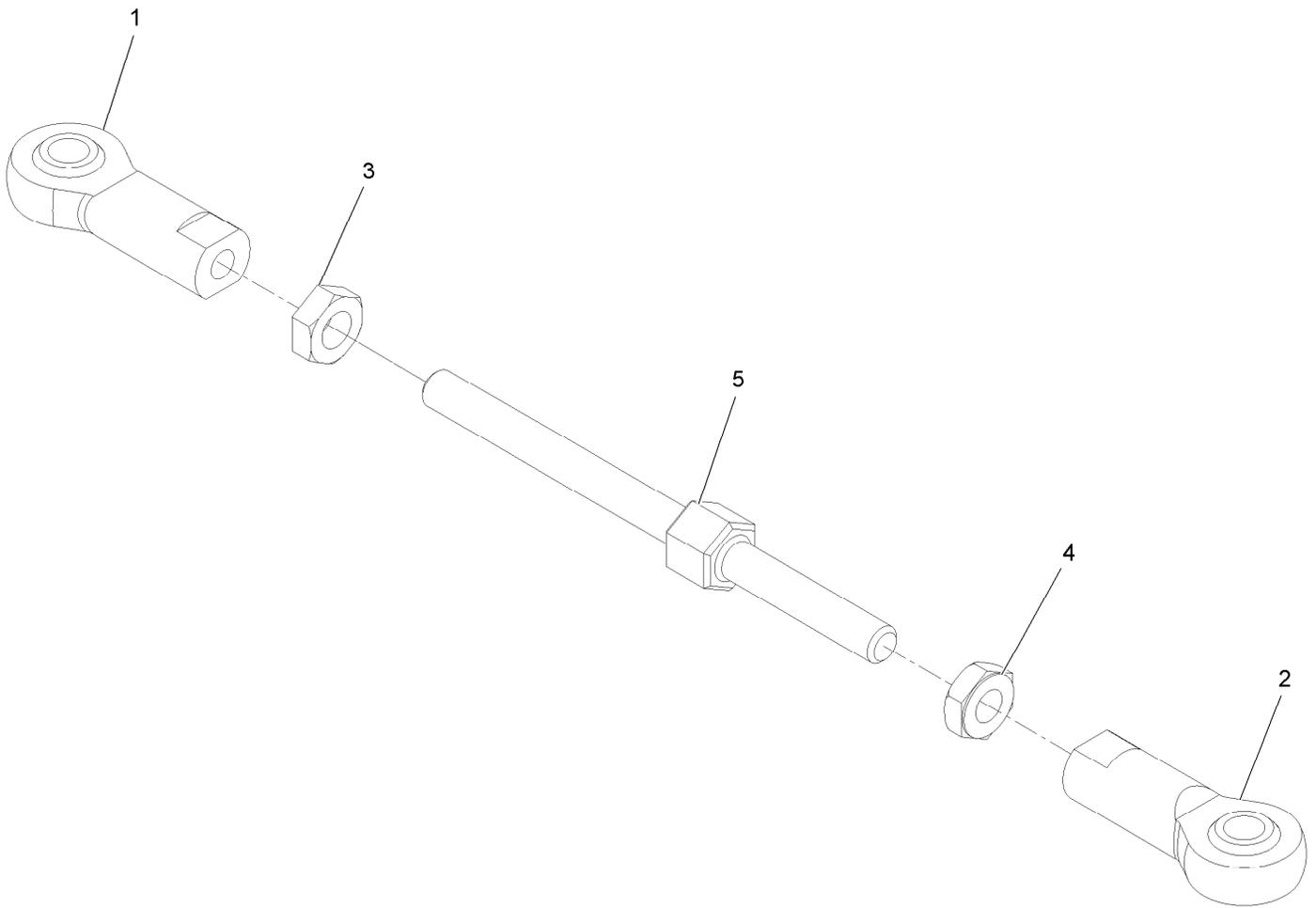
## Pump Idler Assembly No. 116-9980

Ref.	Part Number	Qty.	Description
1	116-8717	1	Idler Arm ASM
2	109-8054	2	Bushing-Flanged
3	116-8718	1	Spacer, Pivot
4	3256-24	3	Washer-3/8 Sae
5	323-13	1	Screw-HH 3/8-16 X 2 3/4
6	1-373034	1	Washer
7	104-8301	2	Nut-Nyloc 3/8-16 Flg
8	93-1622	1	Pulley-Idler
9	323-9	1	Screw-HH 3/8-16 X 1 3/4



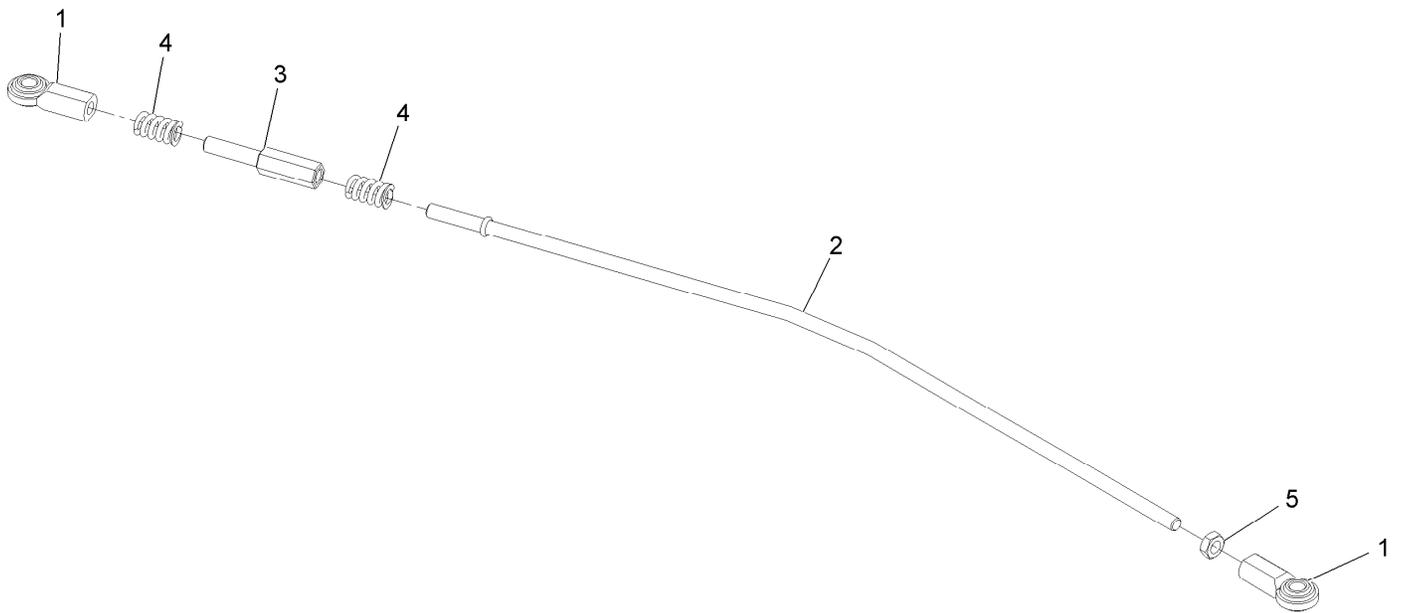
## Control Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	116-4195	1	Lever ASM, LH	20	116-4277	1	Control-Choke
1:2	116-2357	1	Grip-Handle, Control	21	1-807533	4	Bolt-Carriage #10-24 X 5/8
2	126-1943-03	1	Weld, Motion Control	22	3290-148	4	Nut-Whizlock #10-24
3	116-9815	1	ASM, Lever W/ Grip, Rt	23	2412-87	1	Clamp-Cable
3:2	116-2357	1	Grip-Handle, Control	24	3229-1	3	Bolt-Carriage 1/4-20 X 3/4
4	116-6985-03	1	Tube ASM, Front Speed Control [	25	116-4740	1	Bellcrank Link ASM
5	103-9928	10	Bearing	26	116-4203	1	Pin-Bellcrank Link Retaining
6	116-4197	2	Shaft-Pivot, Motion Control	27	116-4737	1	Arm-Pump Control
7	116-4198	2	Spacer-Shaft, Drive Lever	28	116-7000	1	Arm-Pump Control RH
8	117-8304	3	Screw-Hex Flange 1/4-20 X 3/4	29	322-4	4	Screw-HH 5/16-18 X 7/8
9	114-0409	1	HOC Pin ASM	30	104-8300	8	Nut-Nyloc 5/16-18 Flg
10	107-1664	2	Lever ASM	31	116-4205	2	Bellcrank-Lower
10:1	106-3239	1	Screw-Lock	32	116-4208	2	Link-Bellcrank, Pump
10:2	107-1644	1	Cap-Lock	33	116-2670	4	Screw-Shoulder HHF 5/16-18 X .96
10:3	106-3241	1	Lever-Lock	34	116-4210	2	Vertical Adjust Link
10:4	3296-29	1	Nut-Nyloc 5/16-18	35	32151-86	2	E-Ring
11	116-2319	2	Spacer-Clamp	36	116-4213	1	Linkage-Tracking Control, LH
12	3296-45	2	Nut-Nyloc 1/2-13 Thin	37	116-4214	1	Linkage-Tracking Control, RH
13	114-0239	1	Screw-Shoulder 5/16-18 X 1/2	38	323-7	4	Screw-HH 3/8-16 X 1 1/4
14	3296-47	1	Nut-Nyloc 5/16-18 Thin	39	104-8301	4	Nut-Nyloc 3/8-16 Flg
15	126-1499	1	Cam	40	321-5	2	Screw-HH 1/4-20 X 7/8
16	3256-22	2	Washer-1/4 Sae	41	116-4739	2	Clamp-Switch
17	104-7201	5	Nut-Nyloc 1/4-20 Flg	42	116-2832	2	Actuator-Switch, Reed
18	114-0249	1	Spring-Extension	43	52-2480	2	Spacer-Wheel
19	116-4276	1	Control-Throttle				



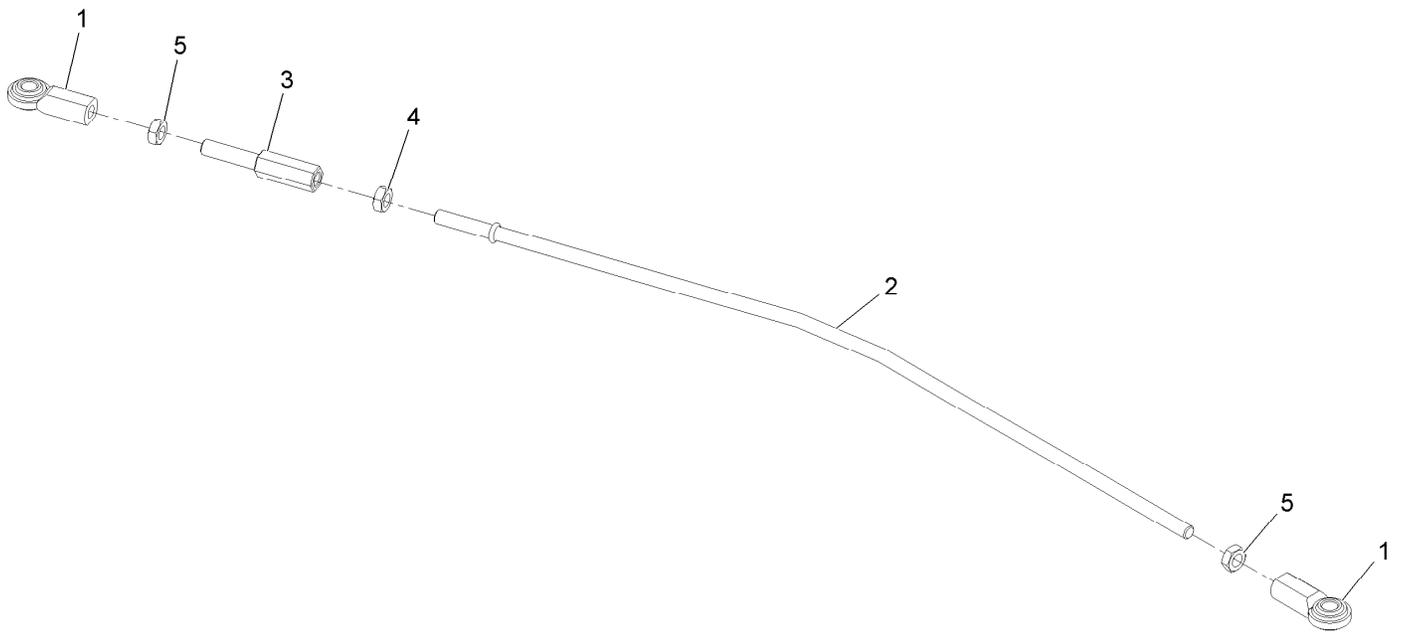
## Vertical Adjust Link Assembly No. 116-4210

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	2411-41	1	Rod End-Ball Joint
2	104-4013	1	Joint-Ball, LH
3	3220-1	1	Nut-Jam 1/4-28
4	104-3941	1	Nut-Jam
5	116-4209	1	Rod-Vertical Adjust



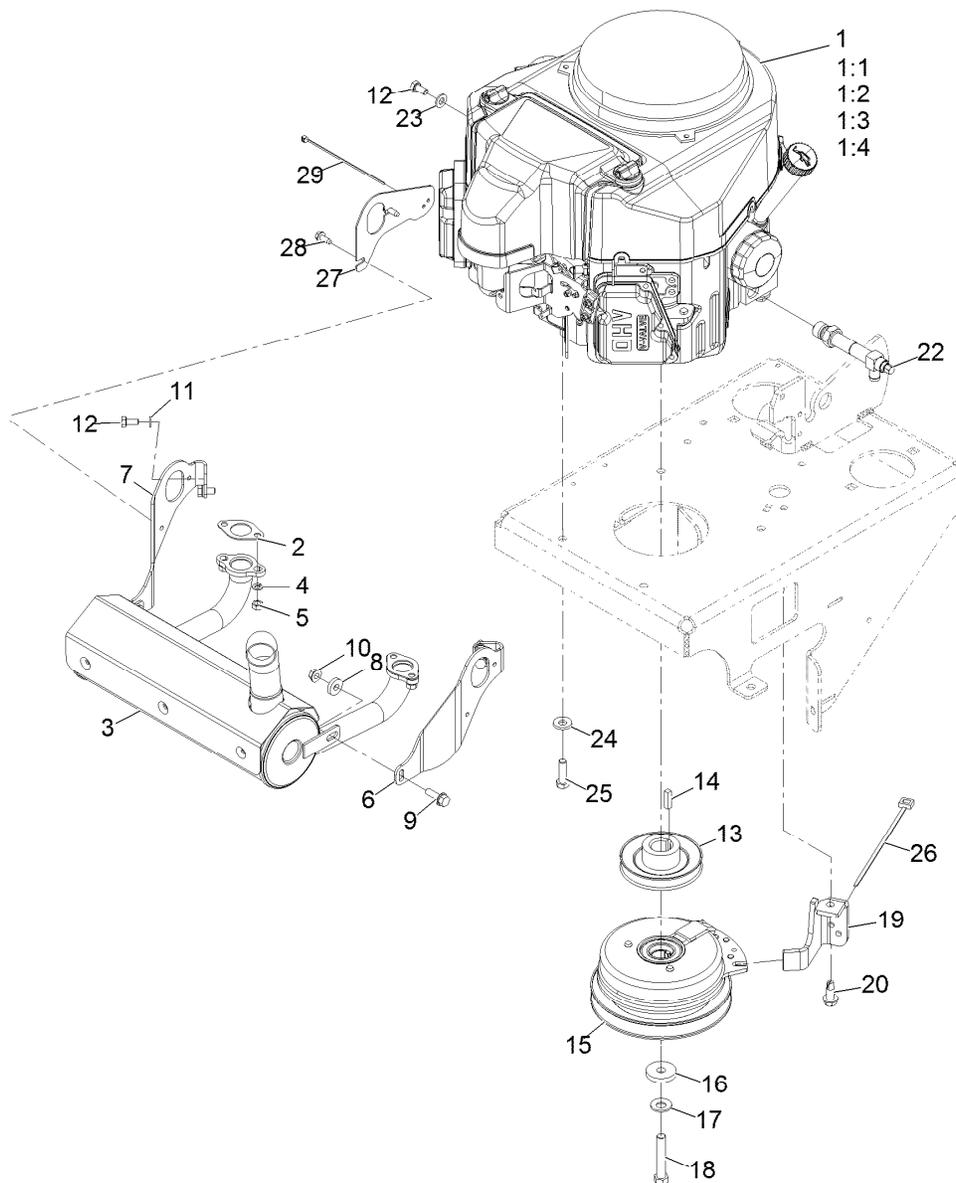
## LH Tracking Control Linkage Assembly No. 116-4213

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	103-0608	2	Balljoint
2	116-4742	1	Link-Lower, Motion Control
3	116-4755	1	Rod-Adjustment
4	116-7560	2	Spring-Compression
5	3220-3	1	Nut-Jam 3/8-24



## RH Tracking Control Linkage Assembly No. 116-4214

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	103-0608	2	Balljoint
2	116-4742	1	Link-Lower, Motion Control
3	116-4755	1	Rod-Adjustment
4	3220-16	1	Nut-Jam 3/8-24 LH
5	3220-3	2	Nut-Jam 3/8-24



## Engine Assembly

Ref.	Part Number	Qty.	Description
1		1	Engine-Kawasaki, Fs541V ■◆
1:1	92-2153	1	Spark Plug
1:2	119-5852	1	Filter-Oil
1:3	120-2235	1	Filter-Fuel
1:4	120-7447	1	Element-Filter, Air
2	1-653313	2	Gasket-Exhaust
3	116-8746	1	Muffler
4	114-3550	4	Washer-Lock, Spring
5	114-3549	4	Nut-M8
6	116-4752	1	Bracket-Muffler Mount, LH
7	116-4750	1	Bracket-Muffler Mount, RH
8	104-7658	2	Spacer
9	3234-29	2	Screw-HH Flg 5/16-18 X 1
10	32128-25	2	Nut-Hex 5/16-18 Side Lock
11	3253-4	4	Washer-Lock 5/16
12	33114-016	5	Screw-HH M8-1.25 X 16Mm

Ref.	Part Number	Qty.	Description
13	116-3610	1	Pulley ▲
14	1-807259	1	Key-Machine 1/4 X 1/4 X 1
15	116-4395	1	Clutch-175 Ft-Lb ▲
16	107-4136	1	Washer
17	1-603610	1	Washer-Spring Disc 7/16
18	3212-10	1	Screw-HH 7/16-20 X 2 1/2 ○
19	116-3565-01	1	Anchor-Clutch
20	105-6245	1	Screw-Tapping
22	116-6126	1	Valve-Drain Oil □
23	33094-00	1	Washer
24	98-5975	4	Washer-Spring Disc 3/8
25	323-7	4	Screw-HH 3/8-16 X 1 1/4
26	3290-378	1	Tie-Cable
27	116-4751	1	Guard-Cable, Spark Plug
28	32144-10	2	Screw-HWH 1/4-20 X .62
29	1-303287	1	Tie-Cable 5 1/2 (Small)
99	103-1964	1	Hose-Drain, Oil ●

● Not illustrated

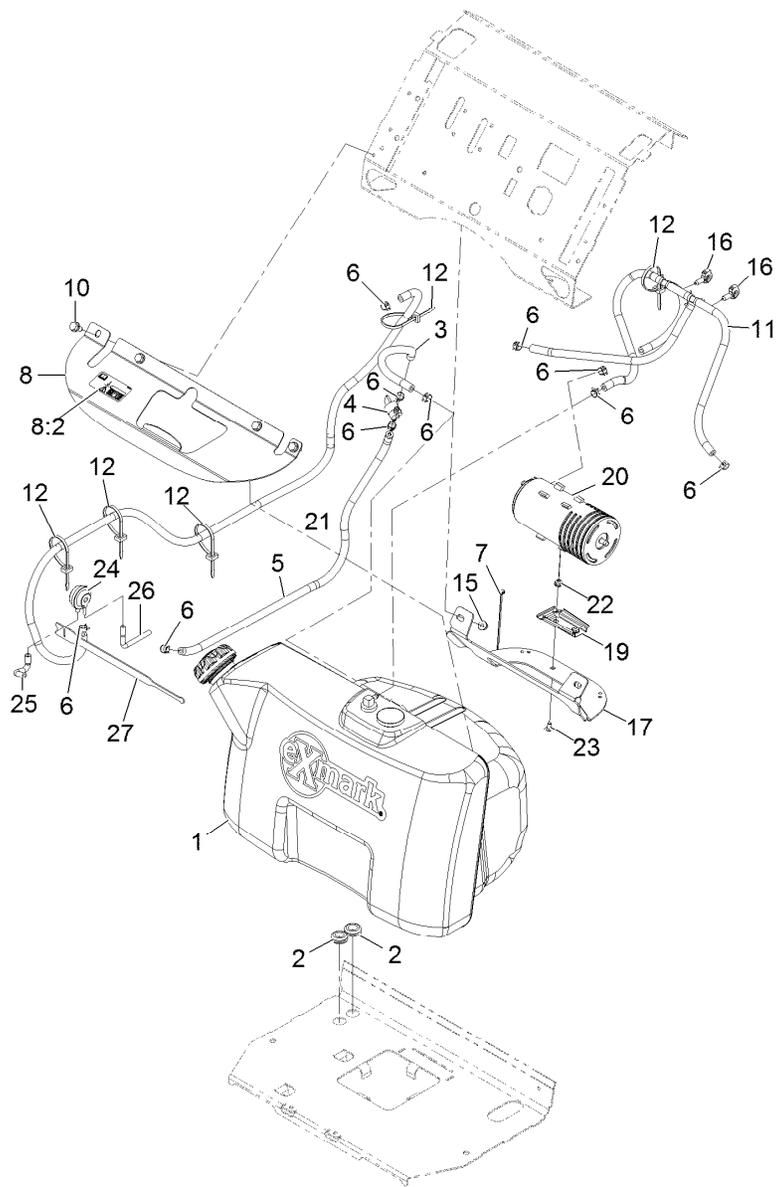
▲ Apply anti-seize compound in bore.

□ Use a Teflon Pipe Sealant or equivalent on threads.

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

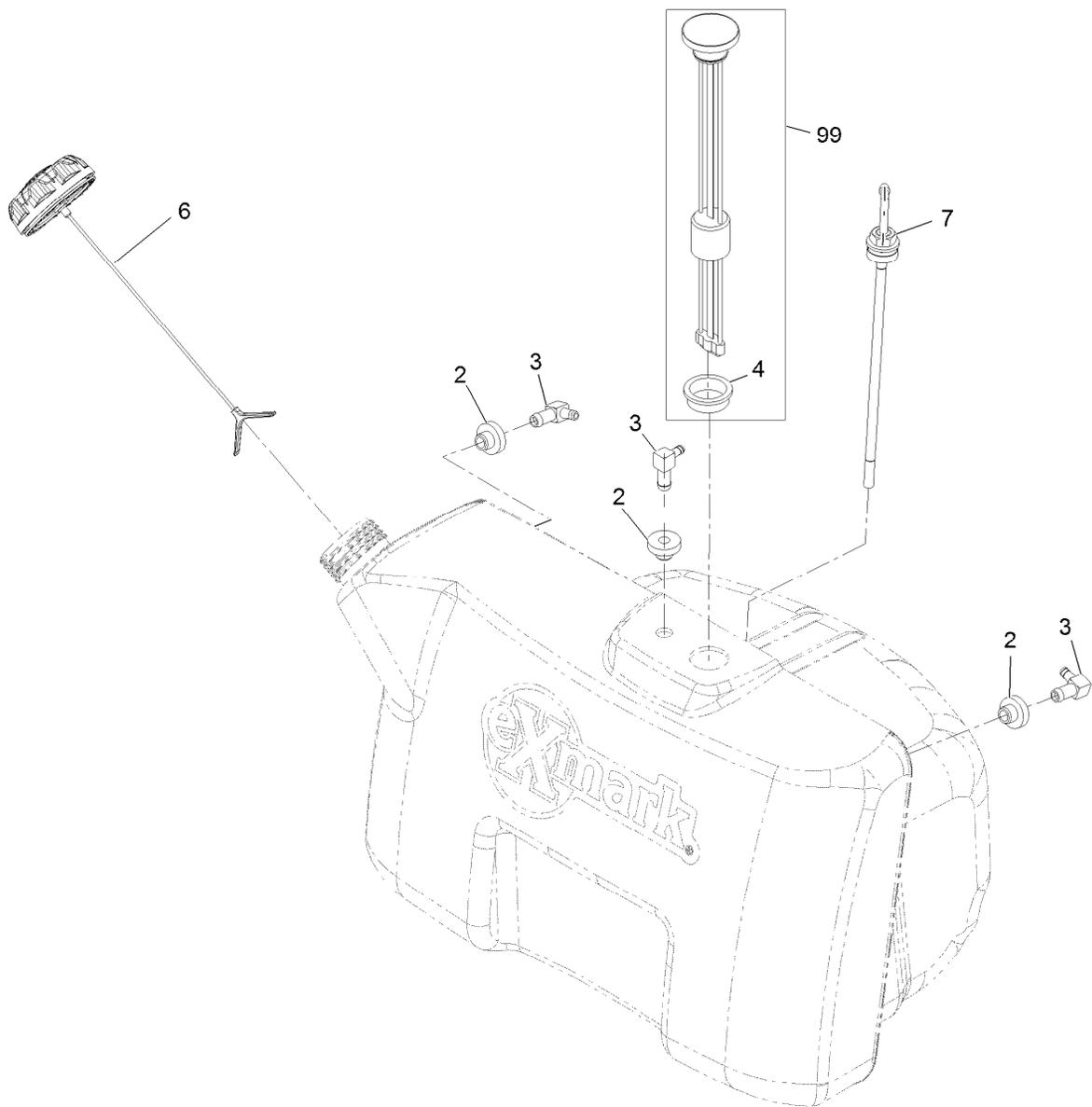
■ Not serviced separately

◆ Obtain parts from [www.kawpowerepc.com](http://www.kawpowerepc.com)



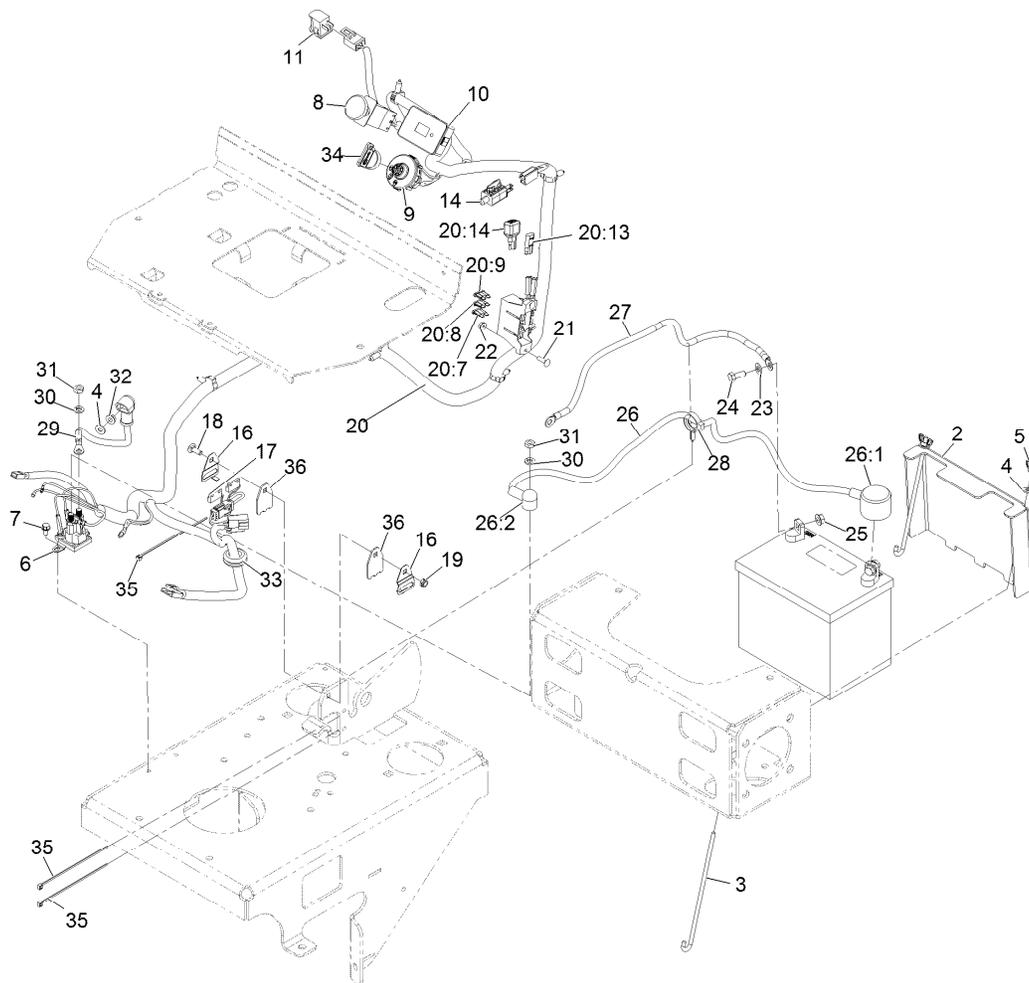
## Fuel Tank Mounting Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	116-4577	1	Tank ASM- Exmark	15	104-8300	2	Nut-Nyloc 5/16-18 Flg
2	112-7069	2	Grommet	16	32180-040	2	Clip-Harness
3	107-9297	1	Hose-Fuel	17	116-5055-03	1	Bracket, Carb Canister
4	1-603770	1	Valve-Fuel	19	114-0292	1	Bracket-Canister, Carbon
5	110-1872	1	Hose-Fuel	20	117-1221	1	Canister-Carbon, 800Cc
6	2412-98	10	Clamp-Hose	21	116-5053	1	Hose-Fuel .25 X 60.00, J30R7
7	1-303287	1	Tie-Cable 5 1/2 (Small)	22	104-7201	2	Nut-Nyloc 1/4-20 Flg
8	116-3088	1	Bracket-Tank	23	116-5879	2	Screw-CARR
8:2	116-8775	1	Decal-Fill, Fuel	24	116-2232	1	Valve-Control, Vacuum
10	32144-70	4	Screw-HWH 5/16-18 X 3/4 Tf	25	119-8502	1	Hose-Vent, Formed
11	116-5054	1	Vent ASM	26	119-8501	1	Hose-Vent, Formed
12	3290-378	5	Tie-Cable	27	116-2469	1	Strap-Velcro, Cable Tie



## Fuel Tank Assembly No. 116-4577

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	46-6560	3	Bushing
3	1-643172	3	Elbow-90 DEG
4	95-8972	1	Grommet
6	126-1789	1	Cap-Fuel, Ratcheting
7	116-3408	1	Fitting-Fuel, Bulkhead
99	116-7264	1	Kit, Vantage Fuel Gage Replacement



## Electrical Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
2	116-4756-01	1	Cover-Battery	20:13	116-0053	1	Cap-Plug
3	1-633651	2	Bolt-Holddown	20:14	103-3895	1	Diode-Tvs
4	3256-22	3	Washer-1/4 Sae	21	3229-20	2	Screw-CARR
5	1-543792	2	Wingnut-Nyloc 1/4-20	22	3290-148	2	Nut-Whizlock #10-24
6	117-1197	1	Solenoid	23	3256-23	2	Washer-5/16 Sae
7	32144-4	2	Screw-HWH 1/4-20 X 1/2 Taptite	24	322-3	2	Screw-HH 5/16-18 X 3/4
8	114-0279	1	Switch-PTO	25	109-5715	2	Nut-Hex Flange 5/16-18
9	117-2222	1	Switch-Ignition	26	109-7608	1	Cable, Battery (+)
10	117-3886	1	Module-Hour Meter	26:1	109-2407	1	Insulator-Battery
11	82-2190	1	Switch	26:2	1-543393	1	Insulator-Solenoid
14	119-8231	1	Switch-Plunger, Nc, Spst	27	54-3093	1	Cable-Battery, Negative
16	116-4739	2	Clamp-Switch	28	105-1853	1	Clamp-Hose
17	116-2833	1	Harness-Switch, Reed	29	106-8268	1	Cable-Battery, Red
18	3229-1	1	Bolt-Carriage 1/4-20 X 3/4	30	3253-4	2	Washer-Lock 5/16
19	3296-56	1	Nut-Nyloc 1/4-20 Thin	31	3220-2	2	Nut-Jam 5/16-24
20	126-1214	1	Harness, Wire ●	32	32128-33	1	Nut-Whizlock 1/4-20
20:7	109103	1	Fuse-Blade, 30 Amp	33	117-2781	1	Grommet
20:8	109102	1	Fuse-Blade, 25 Amp	34	103-2106	1	Key-Exmark Logo
20:9	218-578	1	Fuse-Blade, 10 Amp	35	1-303287	3	Tie-Cable 5 1/2 (Small)
				36	116-4388	2	Plate-Spacer

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

## MAXIMIZE THE PERFORMANCE OF YOUR EXMARK.

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

Contains increased levels of zinc and phosphorus for better lubricity.

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

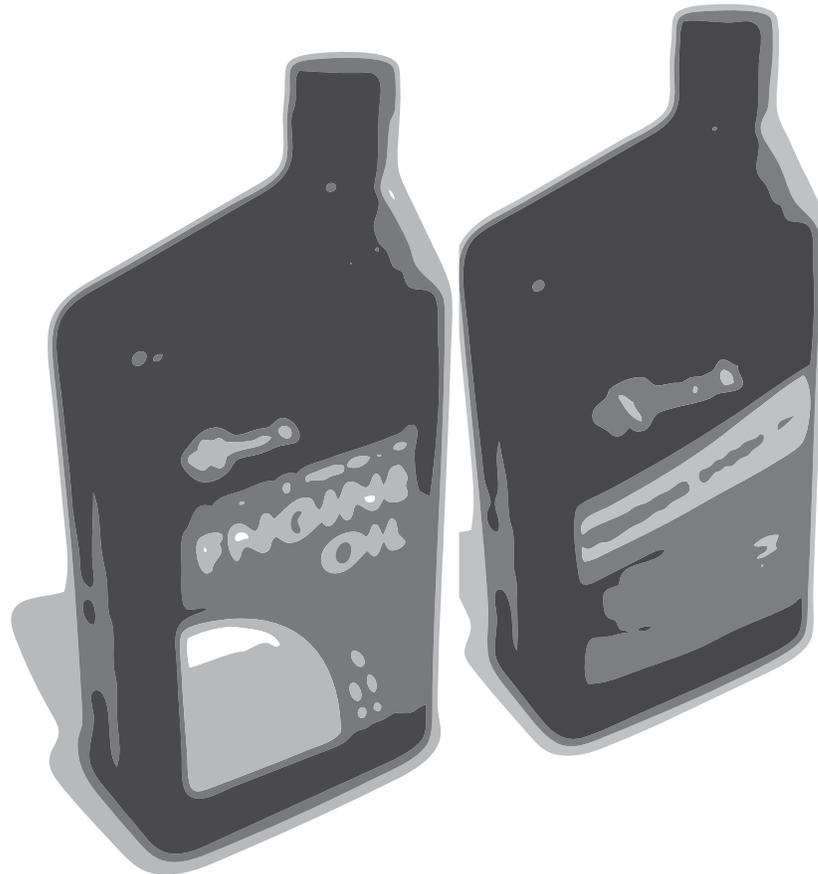
### **PREMIUM HYDRO OIL**

Part No. 109-9828

Commercial quality for tough, high-heat conditions.

Designed specifically for zero-turn mower hydraulic systems.

Superior shear resistance under heavy loads.



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## 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.

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