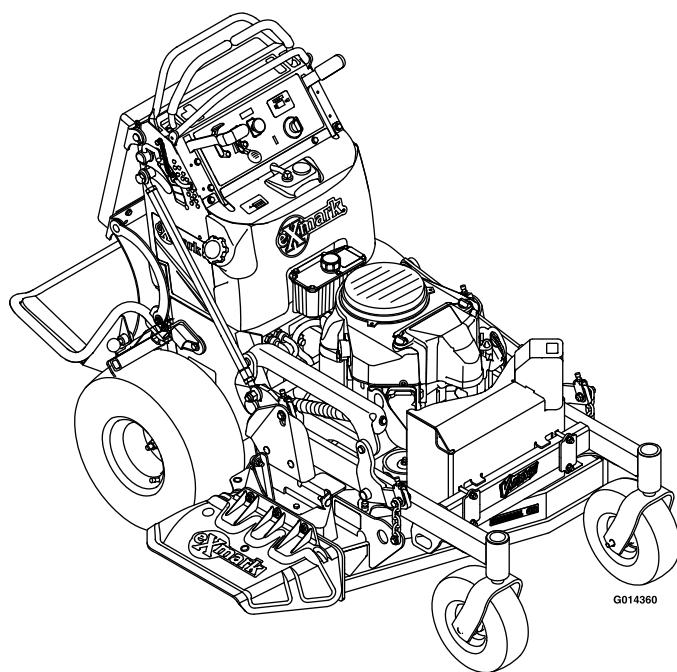




VANTAGE® S-SERIES

Model No. VTS541KA363—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	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.

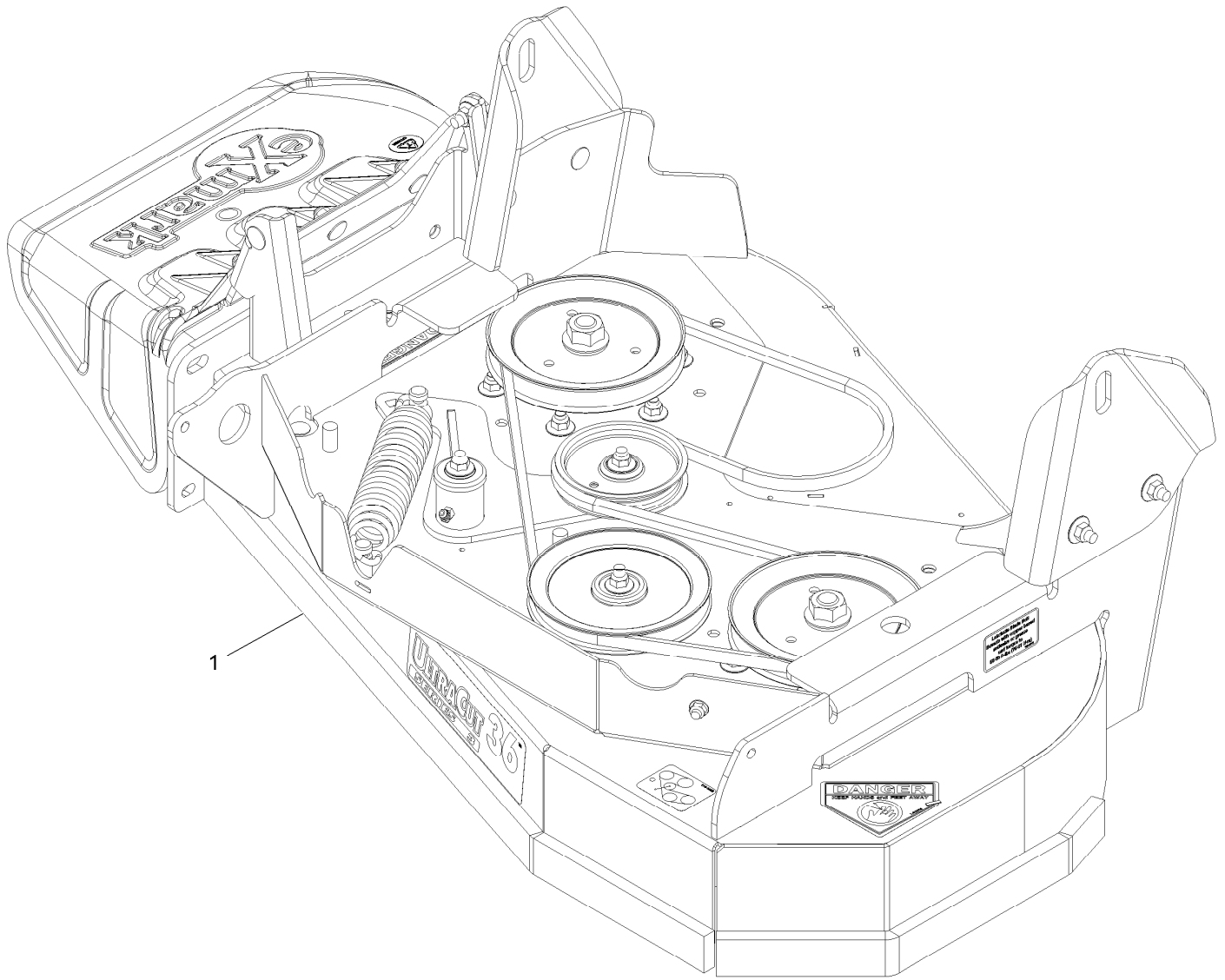
Exmark red touch up paint (spray paint – P/N 1-850337 - .6 oz liquid bottle – P/N 103-9140).



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.)

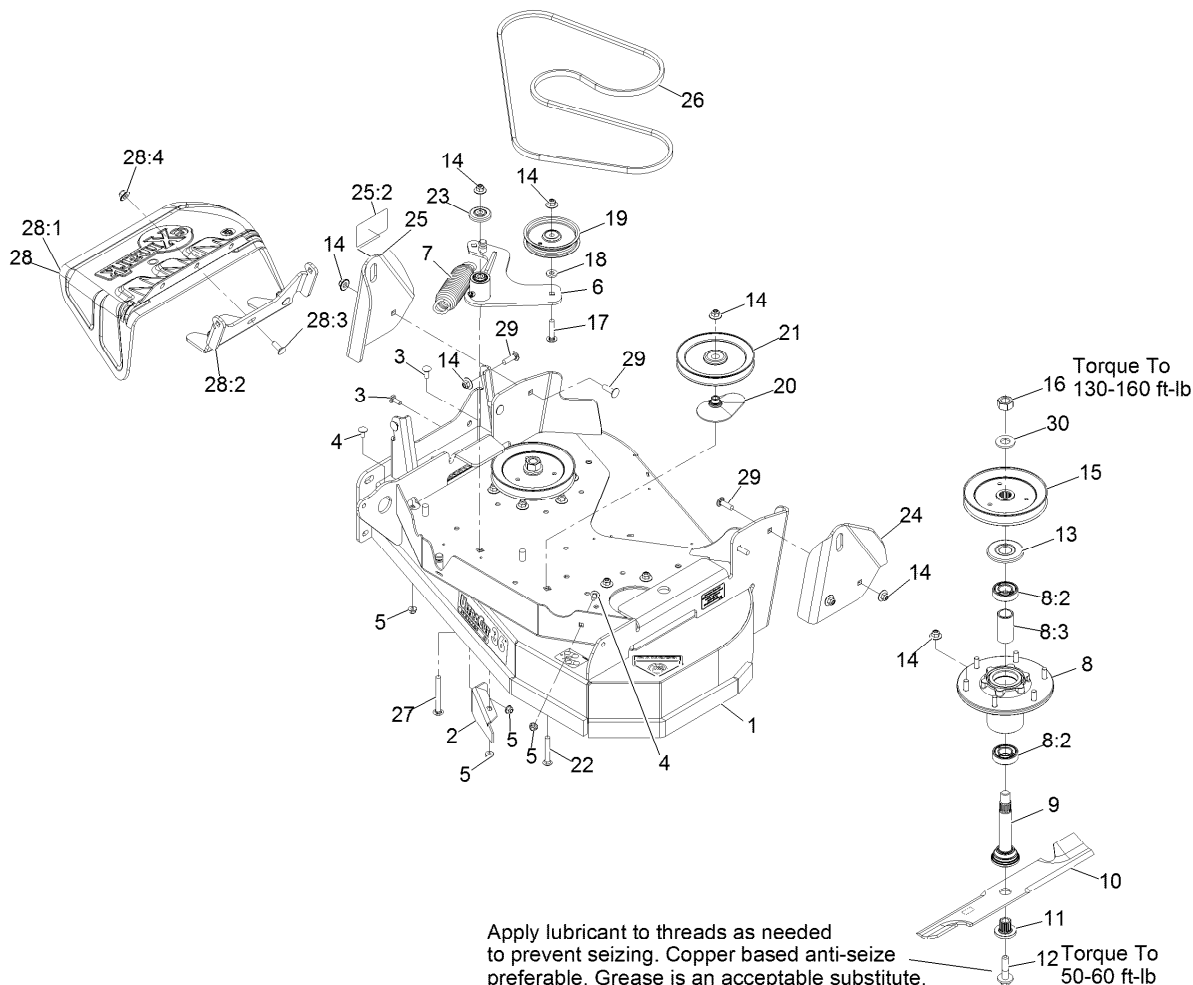
Contents

Complete Deck Assembly.....	4
Deck Assembly.....	5
Deck W/Decals Assembly No. 116-3662.....	6
Idler Arm Assembly No. 116-3680.....	7
Main Frame Assembly.....	8
Control Tower W/Decals Assembly No. 116-6323.....	9
Wheel and Bearing Assembly No. 112-3810.....	10
Park Brake Assembly.....	11
Brake Linkage Assembly No. 116-4166.....	12
Deck Lift Assembly.....	13
Height of Cut Link Assembly No. 116-3975.....	15
Platform Assembly.....	16
Cushion Assembly No. 126-1210.....	17
Platform Assembly No. 116-3523.....	18
Ground Drive Assembly.....	19
Pump Idler Assembly No. 116-9980.....	21
Control Assembly.....	22
Vertical Adjust Link Assembly No. 116-4210.....	23
LH Tracking Control Linkage Assembly No. 116-4213.....	24
RH Tracking Control Linkage Assembly No. 116-4214.....	25
Engine Assembly.....	26
Fuel Tank Mounting Assembly.....	27
Fuel Tank Assembly No. 116-4577.....	28
Electrical Assembly.....	29



Complete Deck Assembly

Ref.	Part Number	Qty.	Description
1	116-4301	1	ASM,Deck Complete 363



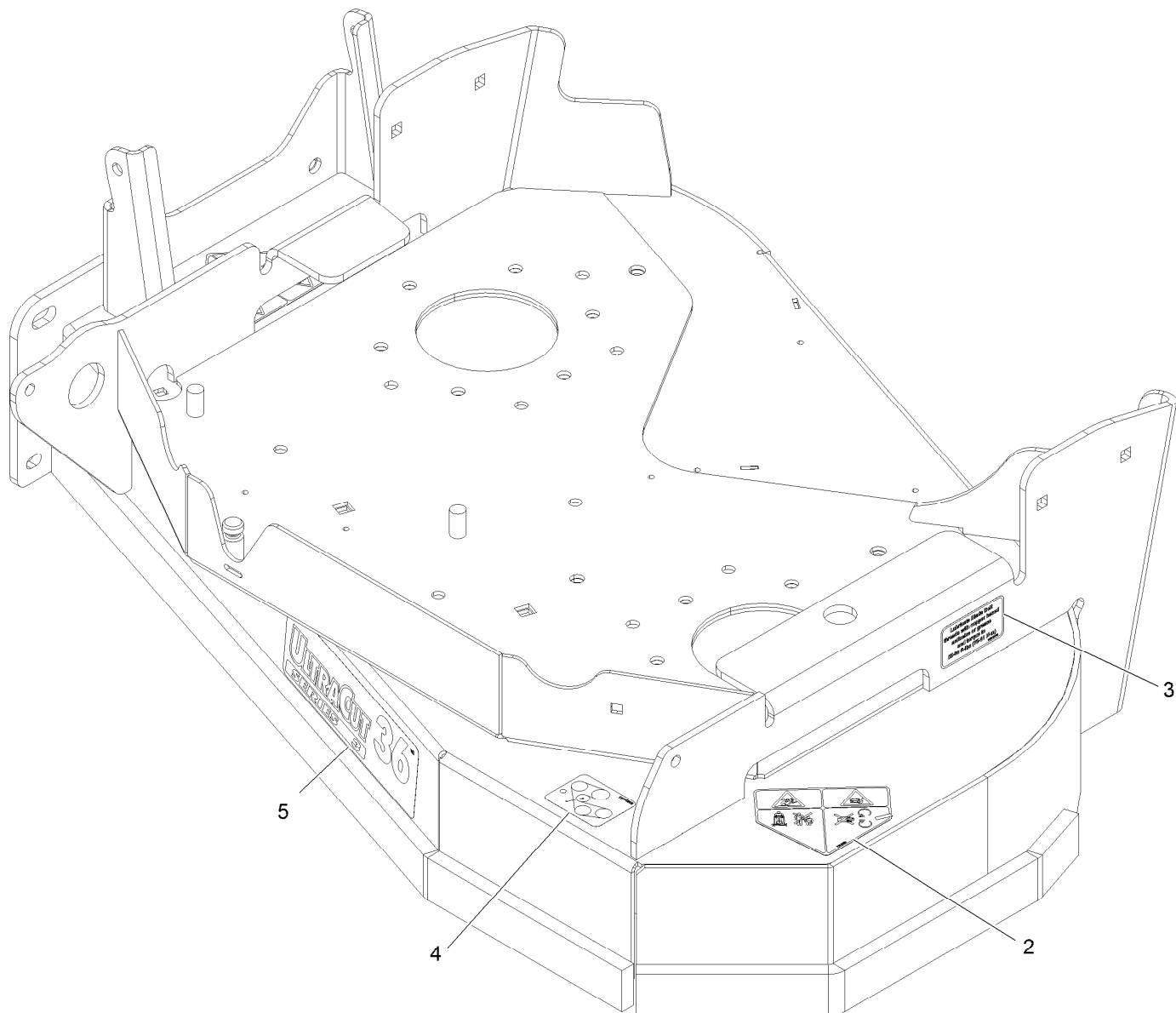
Deck Assembly

Ref.	Part Number	Qty.	Description
1	116-3662	1	Deck ASM - 36
2	116-4244-01	1	Baffle-Dogleg
3	3230-16	2	Bolt-Carriage 5/16-18 X 7/8
4	3230-18	2	Bolt-Carriage 5/16-18 X 5/8
5	104-8300	4	Nut-Nyloc 5/16-18 Flg
6	116-3680	1	Idler Arm ASM -
7	116-6317	1	Spring-Extension
8	116-3344	2	ASM-Cutter Hsg With Bearings
8:2	116-0720	2	Bearing-Ball
8:3	116-3312	1	Spacer-Bearing
9	116-3342	2	ASM-Spindle And Seal ■
10	103-6382	2	Blade, Solid
10	103-6387	2	Blade, Low Lift
10	103-6392	2	Blade, Mulching ●
10	103-6397	2	Blade, Extreme
10	103-6402	2	Blade-Notched
11	103-3037	2	Bushing, Splined
12	109-9220	2	Screw-Sems 1/2-20 X 2.19
13	116-1286	2	Guard,Bearing Top .989
14	109-6658	21	Nut-Nyloc 3/8-16 Flg
15	116-0675	2	Sheave,Blade Drive 6.50 ■

Ref.	Part Number	Qty.	Description
16	116-7306	2	Nut-Hex
17	3231-5	1	Bolt-Carriage 3/8-16 X 1 3/4
18	43-0940	1	Spacer
19	93-1622	1	Pulley-Idler
20	109-2872	1	Spacer-Pulley
21	116-3592	1	Pulley-Idler
22	3231-31	1	Bolt-Carriage 3/8-16 X 2 1/2
23	103-2916	1	Guard-Top
24	116-3675-01	1	Push-Tower,LH 36
25	116-4674	1	Push Tower-RH 36, W/Decal
25:2	1-303508	1	Decal-Warning, Discharge
26	116-3703	1	Belt-V
27	116-1502	1	Bolt-Carriage Shoulder 3/8-16 X 3 1/2
28	116-4230	1	Chute - Discharge ASM
28:1	109-2738	1	Chute, Discharge
28:2	116-4229-01	1	Bracket-Chute, Discharge
28:3	3231-22	3	Bolt-Carriage 3/8-16 X 1
28:4	109-6658	3	Nut-Nyloc 3/8-16 Flg
29	3231-28	6	Bolt-Carriage 3/8-16 X 1 1/4
30	103-2802	2	Washer-Spring Disc 3/4

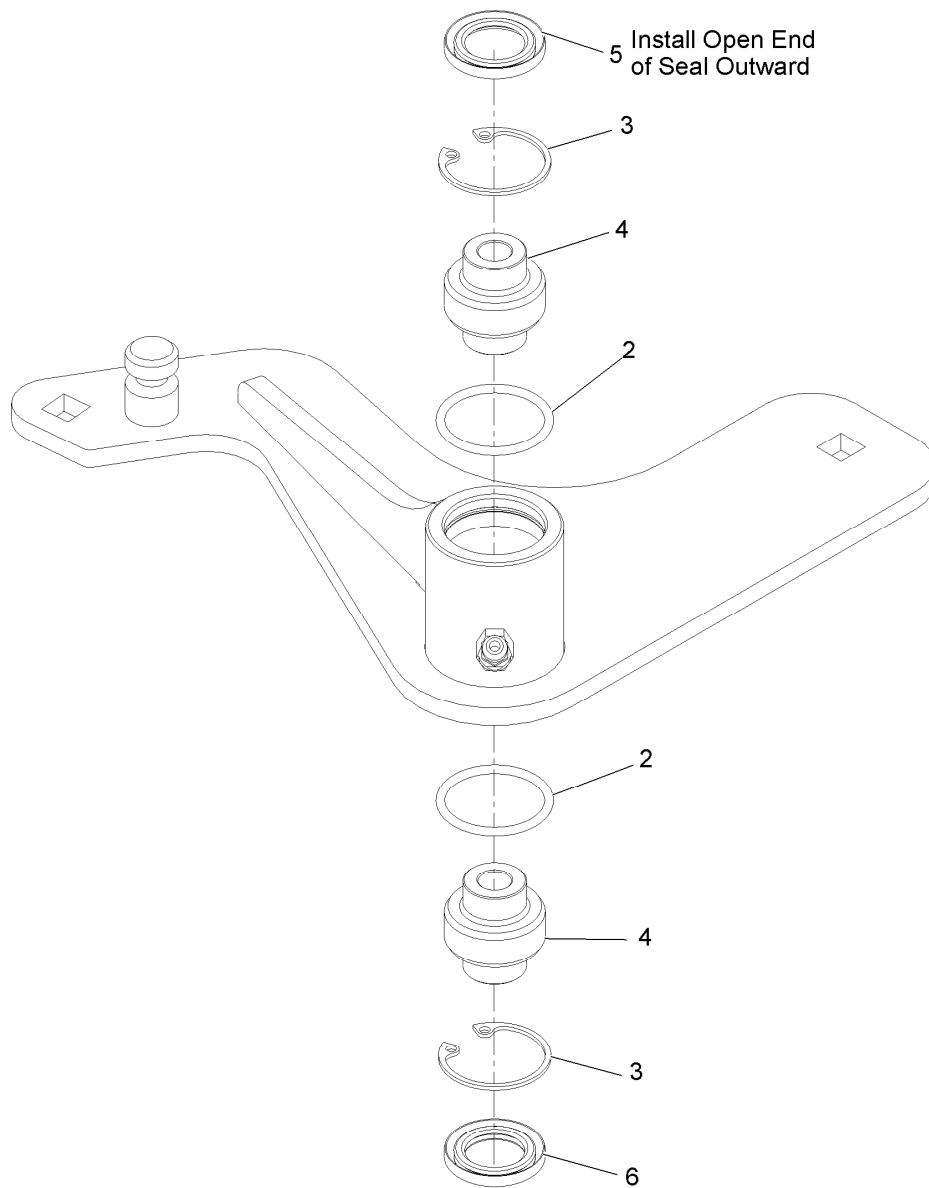
● Requires installation of mulch kit for proper mulching. See your Exmark dealer for details.

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



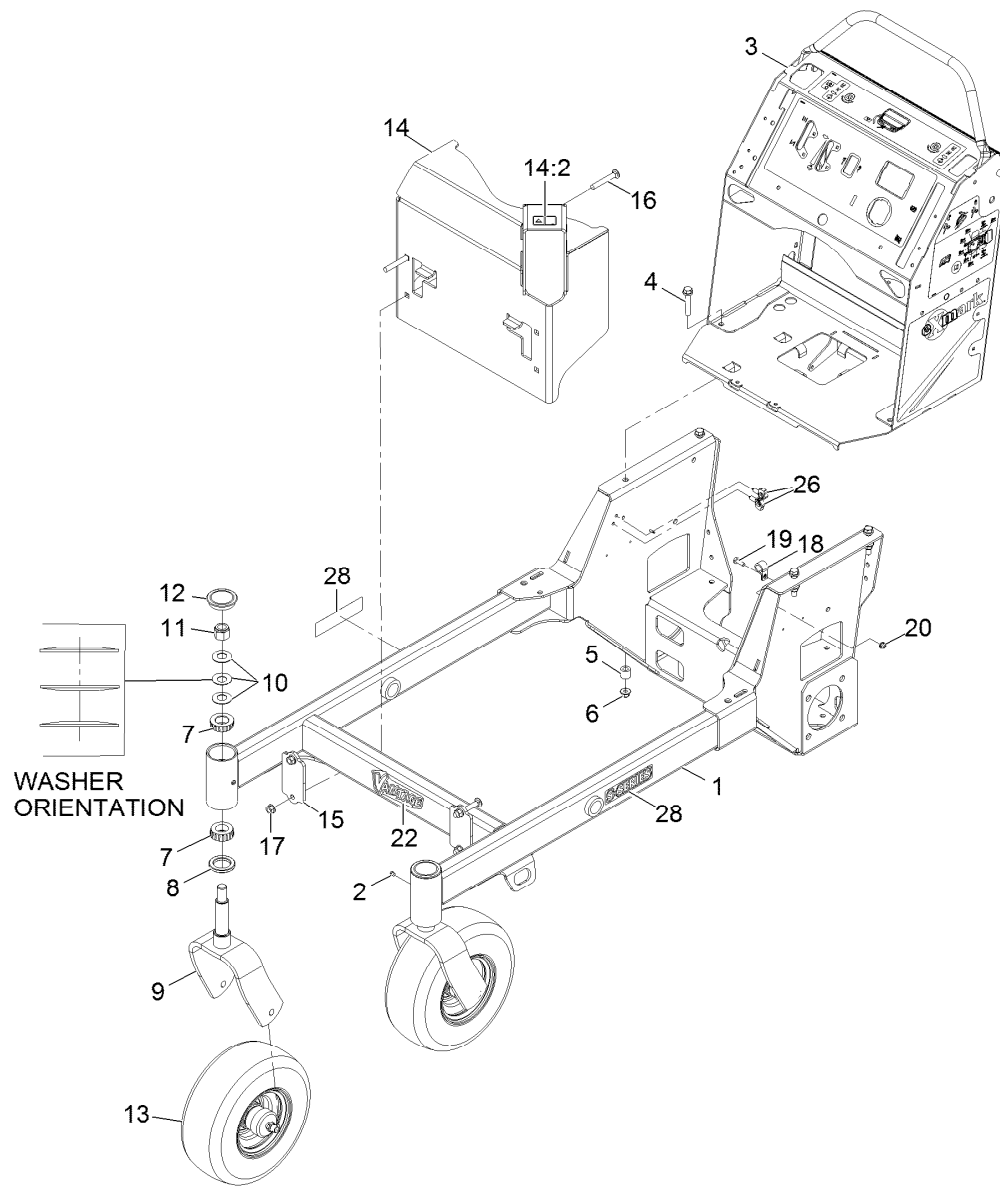
Deck W/Decals Assembly No. 116-3662

Ref.	Part Number	Qty.	Description
2	112-8760	2	Decal-Danger
3	109-3148	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

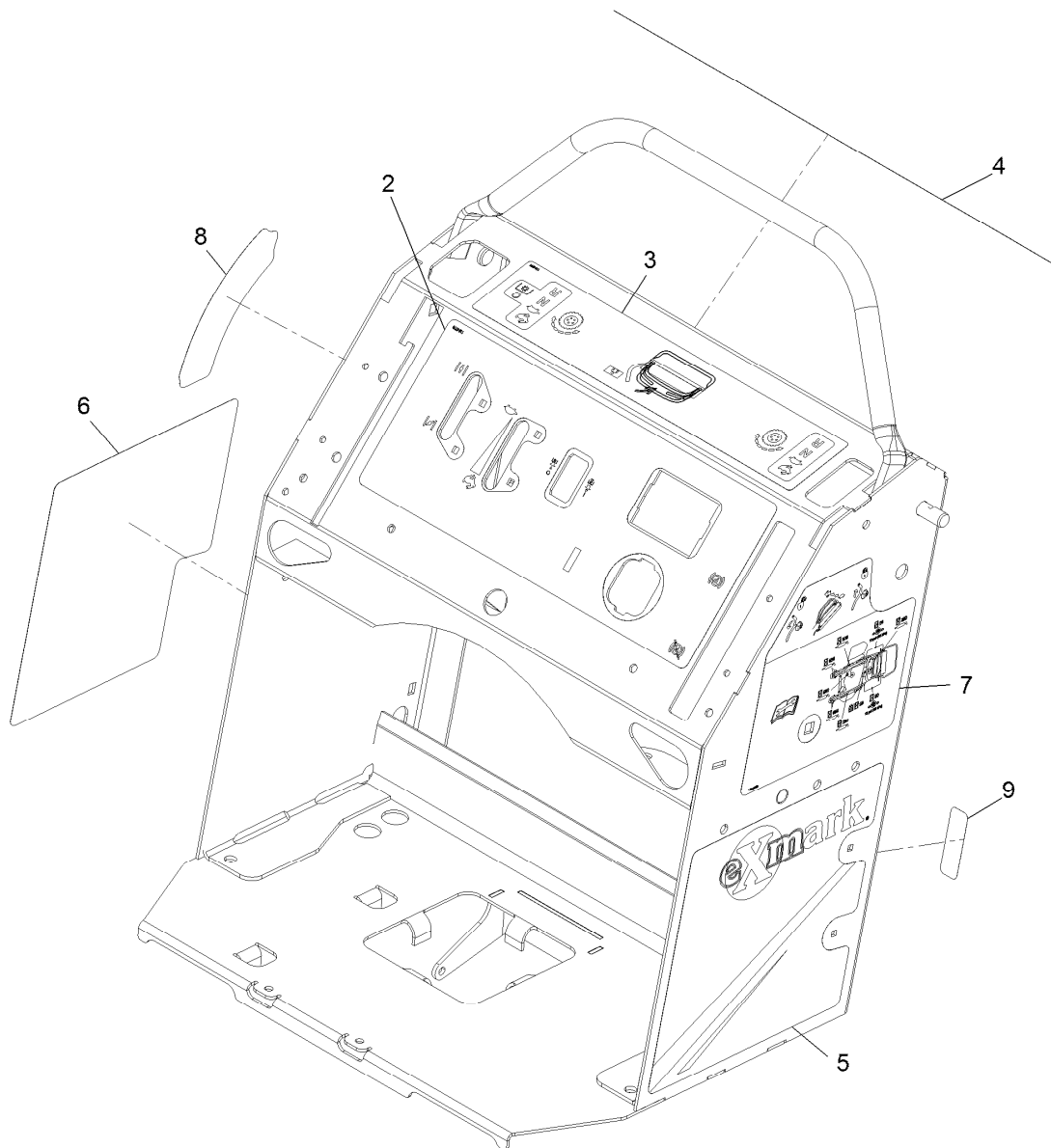
Ref.	Part Number	Qty.	Description
2	106-7159	2	O-Ring
3	32120-10	2	Ring-Retaining
4	103-3504	2	Bearing-Spherical
5	103-3506	1	Seal-Single Lip
6	103-3505	1	Seal-Double Lip



Main Frame Assembly

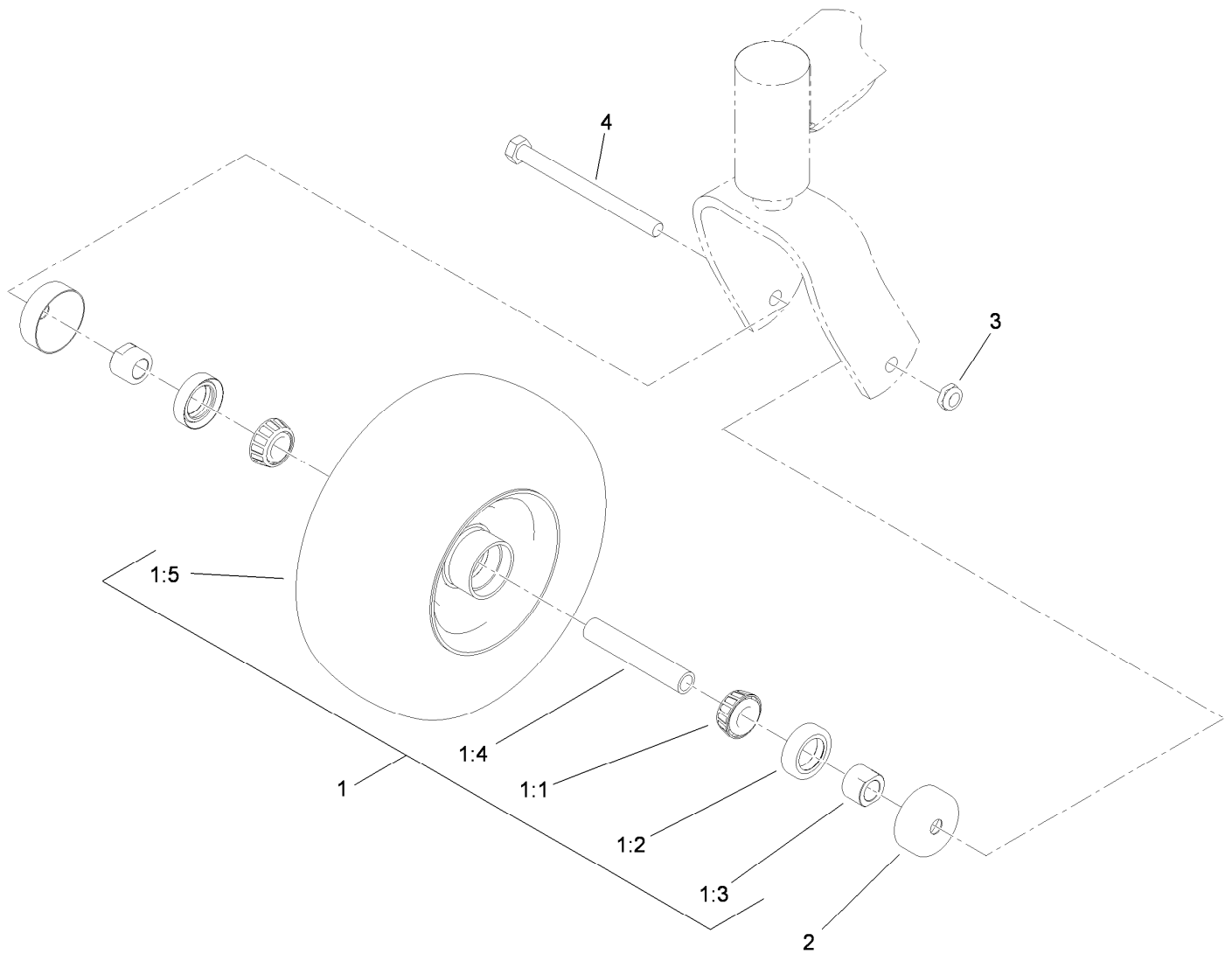
Ref.	Part Number	Qty.	Description
1	116-4650-01	1	Frame ASM
2	1-811010	2	Plug
3	116-6323	1	Control Tower ASM
4	108-3742	4	Screw-HH Flg 3/8-16 X 2
5	121-1760	4	Spacer
6	104-8301	4	Nut-Nyloc 3/8-16 Flg
7	1-543509	4	Cone-Bearing Tapered Roller
8	116-5647	2	Seal-Grease
9	121-7988-01	2	Caster Fork ASM
10	1-633508	6	Washer-Spring Disc
11	3296-51	2	Nut-Nyloc 3/4-10
12	103-4882	2	Cap-Grease
13	112-3810	2	Wheel/Tire And Bearing ASM

Ref.	Part Number	Qty.	Description
14	116-8739	1	Muffler Guard ASM
14:2	106-5517	1	Decal-Warning, Hot Surface
15	119-7303-01	2	Bracket-Mounting, Guard
16	3231-31	4	Bolt-Carriage 3/8-16 X 2 1/2
17	32128-21	4	Nut-3/8-16 Flanged Side Lock
18	2412-87	1	Clamp-Cable
19	321-4	1	Screw-HH 1/4-20 X 3/4
20	104-7201	1	Nut-Nyloc 1/4-20 Flg
22	116-4268	1	Decal-Vantage Logo
26	32180-040	2	Clip-Harness
28	116-3884	2	Decal-S-Series



Control Tower W/Decals Assembly No. 116-6323

Ref.	Part Number	Qty.	Description
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

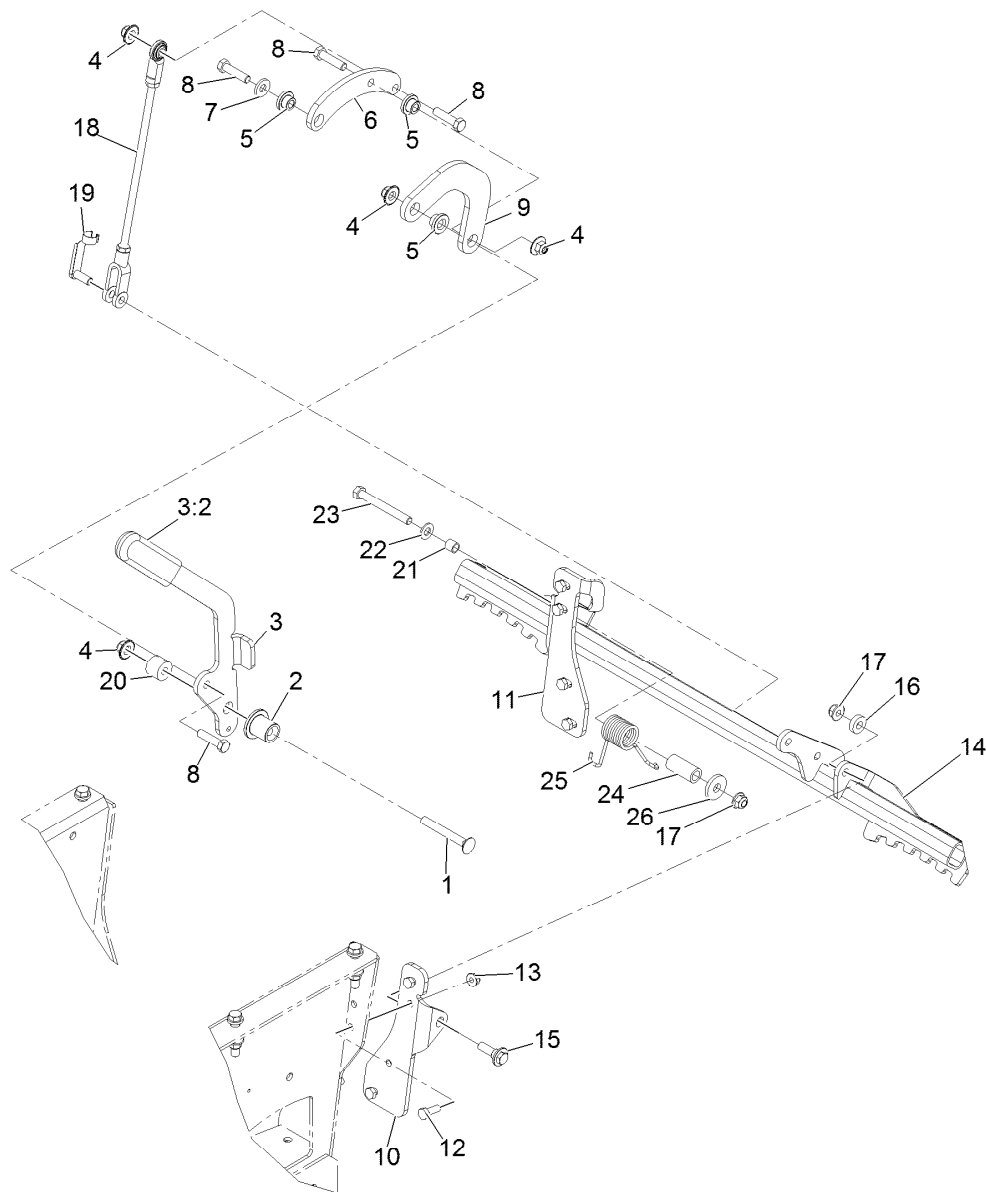


Wheel and Bearing Assembly No. 112-3810

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

● Not serviced separately

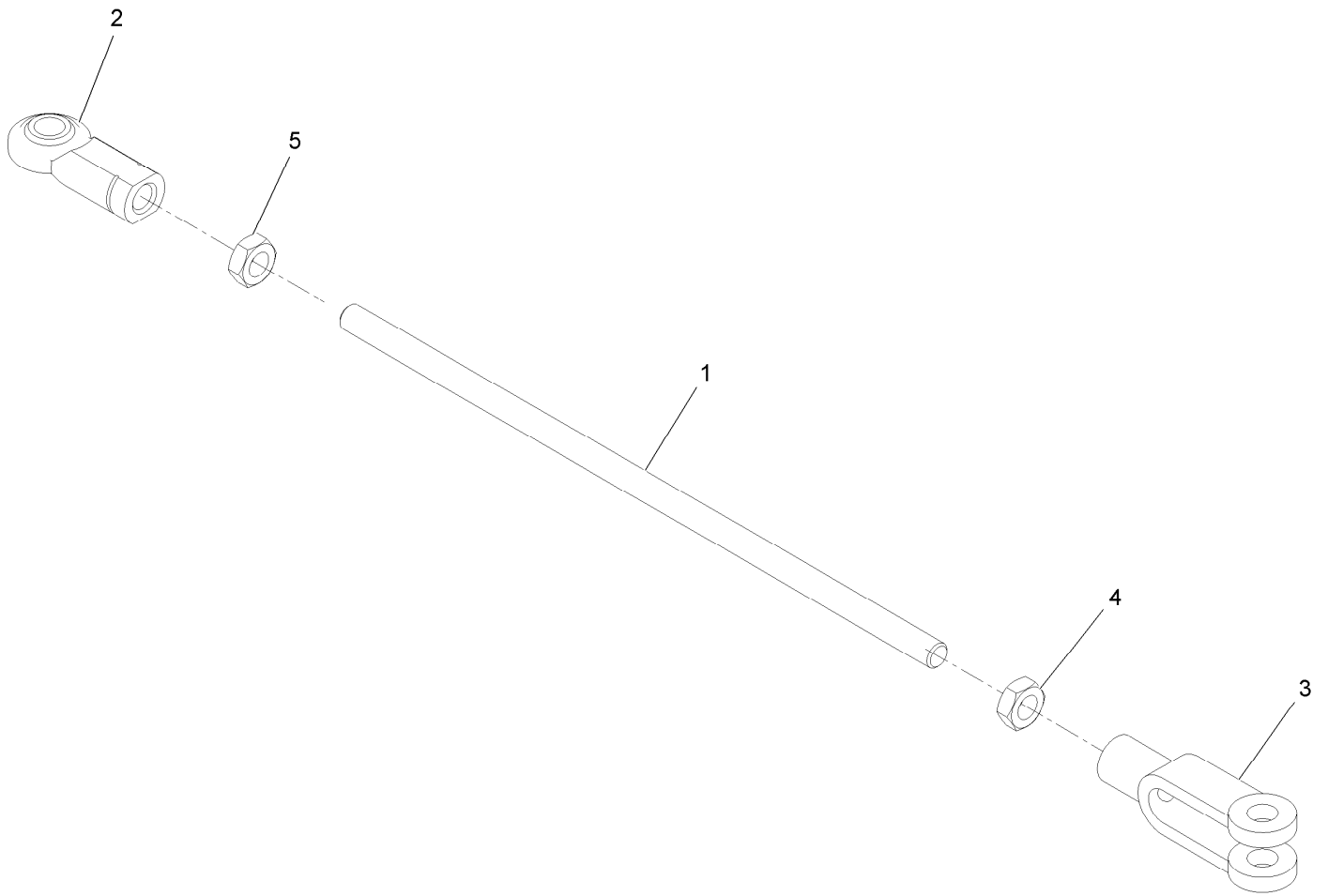
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on spacer nut



Park Brake Assembly

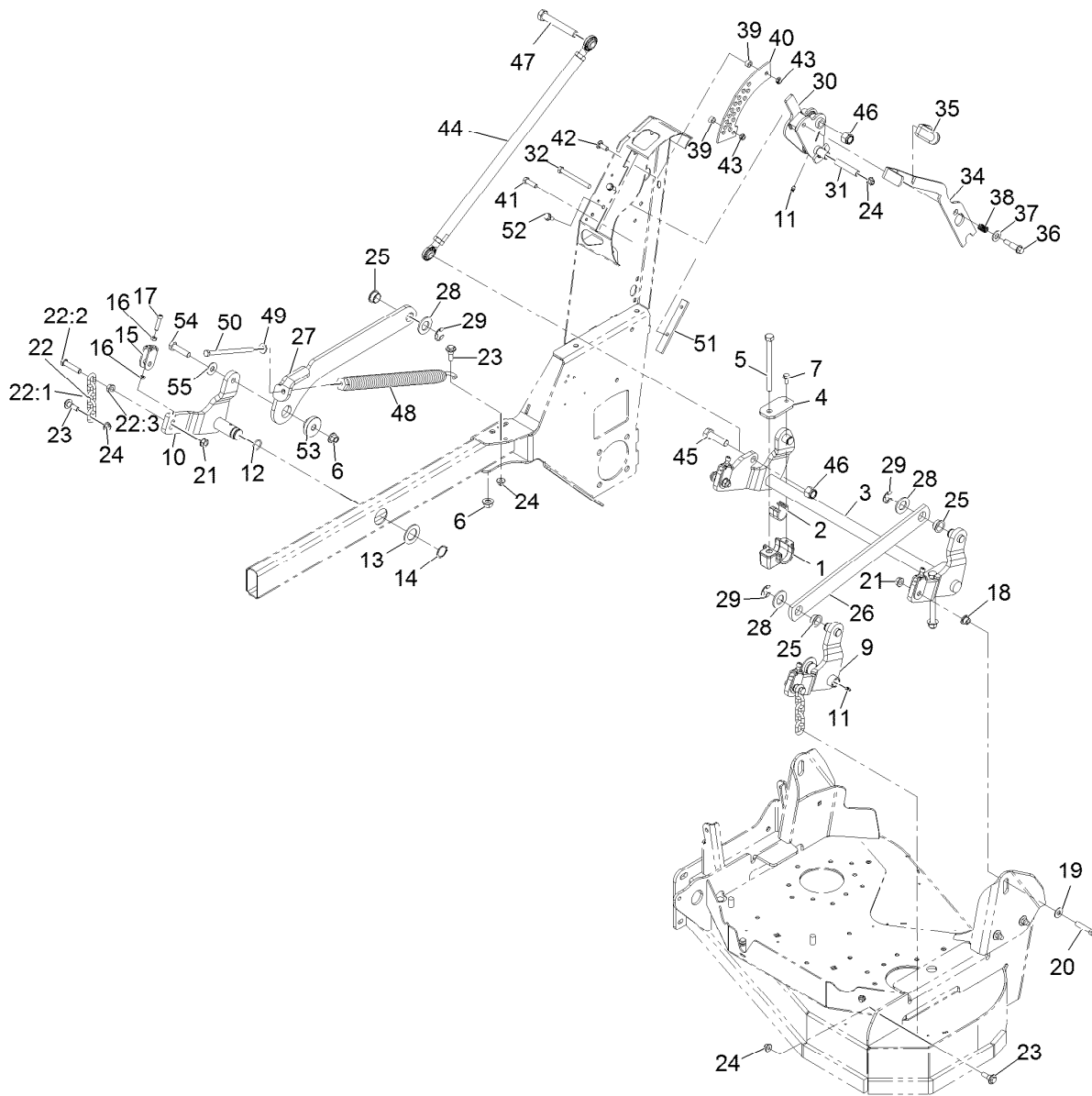
Ref.	Part Number	Qty.	Description
1	3231-10	1	Bolt-Carriage 3/8-16 X 3
2	116-4928	1	Bushing-Handle
3	116-4680	1	Handle-W/Grip ASM
3:2	1-633268	1	Grip-Lever
4	109-6658	4	Nut-Nyloc 3/8-16 Flg
5	116-4929	3	Bushing-Flanged
6	116-4806	1	Arm-Brake Bellcrank
7	98-5975	1	Washer-Spring Disc 3/8
8	323-8	4	Screw-HH 3/8-16 X 1 1/2
9	116-4805	1	Link-Brake Handle
10	116-4681-01	1	Bracket-Brake Mount, LH
11	116-4682-01	1	Bracket-Brake Mount, RH
12	322-4	8	Screw-HH 5/16-18 X 7/8
13	104-8300	8	Nut-Nyloc 5/16-18 Flg

Ref.	Part Number	Qty.	Description
14	116-4600-03	1	Bar-Brake
15	614672	1	Screw-Shoulder 3/8-16 X 1.295
16	5-0652	1	Spacer
17	104-8301	2	Nut-Nyloc 3/8-16 Flg
18	116-4166	1	ASM-Brake Linkage
19	103-2399	1	Pin-Clevis Spring 3/8
20	92-5791	1	Spacer
21	117-9684	1	Spacer
22	3256-24	1	Washer-3/8 Sae
23	323-20	1	Screw-HH 3/8-16 X 3-1/4
24	117-9683	1	Spacer
25	108-4052	1	Spring-Torsion
26	1-373034	1	Washer



Brake Linkage Assembly No. 116-4166

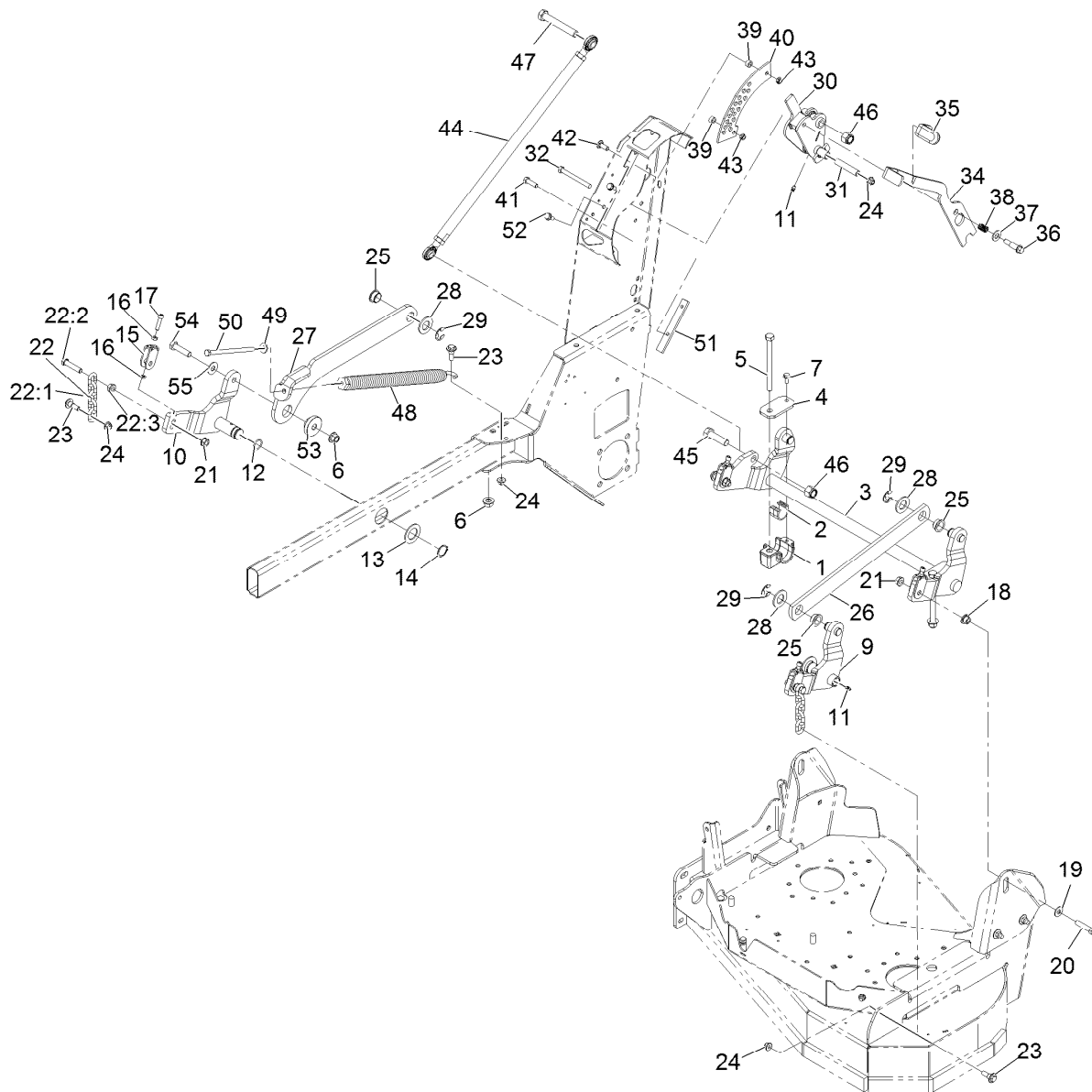
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	116-4818	1	Rod-Brake Linkage
2	103-1167	1	Joint-Ball End, .38X.38Fe LH
3	1-633131	1	Yoke-Linkage, Brake
4	3220-3	1	Nut-Jam 3/8-24
5	3220-16	1	Nut-Jam 3/8-24 LH



Deck Lift Assembly

Ref.	Part Number	Qty.	Description
1	116-4638-01	2	Support-Bearing
2	109-9410	2	Bearing-Cross Shaft, Front
3	116-3725-01	1	Rear Crossshaft ASM
4	116-3733-01	2	Cover-Bearing Support
5	325-20	2	Screw-HH 1/2-13 X 6
6	99-5107	3	Nut-Lock 1/2-13
7	100-1668	2	Screw-Flange
9	116-4663-01	1	Decklift Arm ASM-LH
10	116-4664-01	1	Decklift Arm ASM-RH
11	302-5	3	Zerk 1/4-28 Str Thrd Forming
12	237-77	2	O Ring
13	69-8910	2	Washer
14	32120-2	2	Ring-Retaining
15	109-9066	4	Yoke-Adjust, Deck
16	3218-2	8	Nut-Jam 5/16-18
17	3274-18	4	Screw-Sh 5/16-18 X 1 1/4
18	116-2428	2	Bushing-Flanged
19	3256-4	2	Washer-3/8 Std
20	109-9065	2	Screw-HH 7/16-14 X 2
21	32128-37	4	Nut-Whizlock 7/16-14

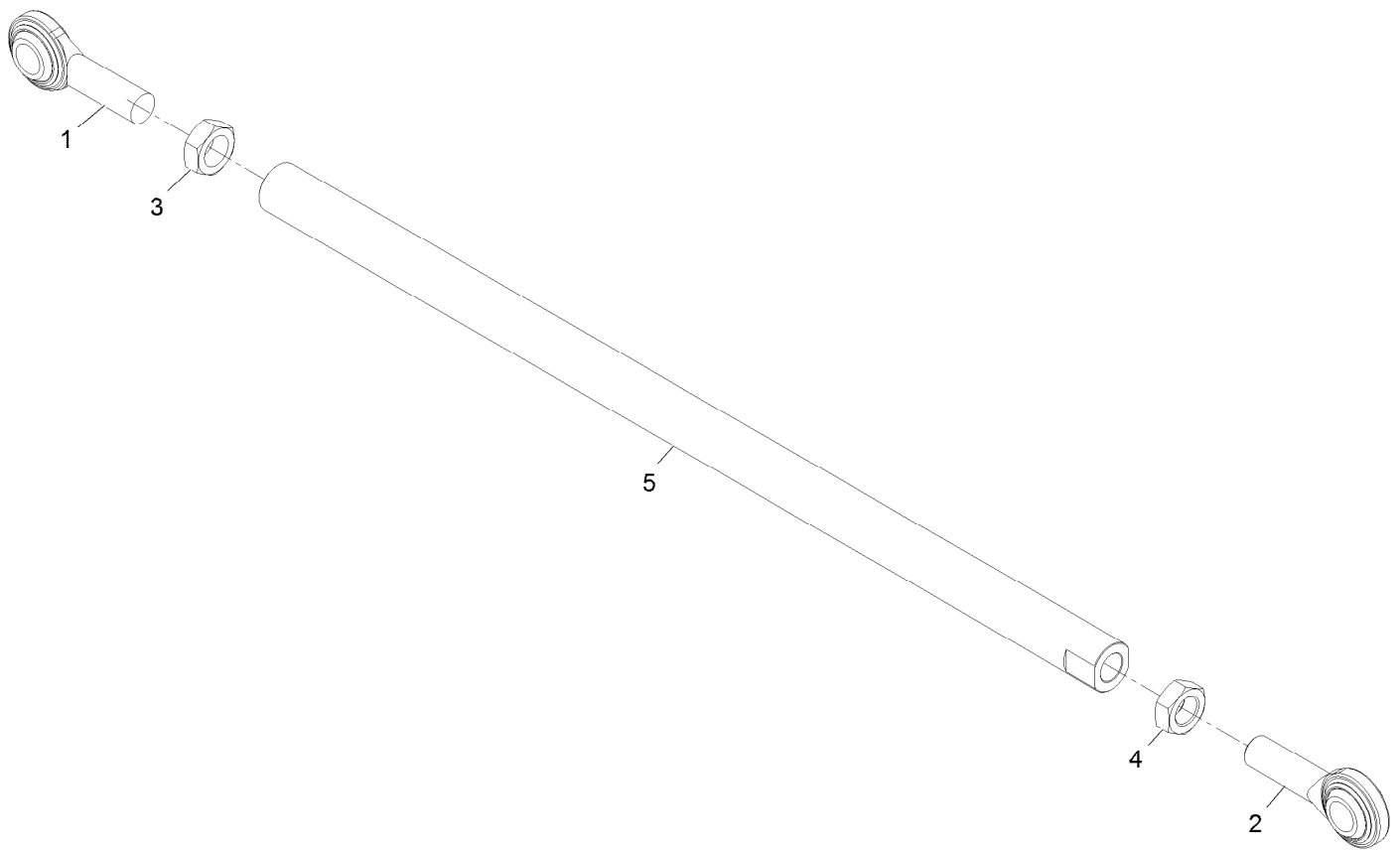
Ref.	Part Number	Qty.	Description
22	116-0756	2	Deck Lift Chain ASM
22:1	1-633447	1	Chain-Lift, Deck
22:2	109-9065	1	Screw-HH 7/16-14 X 2
22:3	32128-37	1	Nut-Whizlock 7/16-14
23	109-9840	3	Screw-Hex Flange 3/8-16 X .80
24	104-8301	4	Nut-Nyloc 3/8-16 Flg
25	116-2909	3	Bearing-Flange
26	116-3972-03	1	Link-Decklift, LH
27	116-4661-03	1	Link-Decklift, RH
28	3256-29	3	Washer-7/8 Sae
29	32151-103	3	E-Ring
30	116-5602	1	ASM-HOC Handle
31	116-4021	1	Bearing-HOC Pivot
32	323-42	1	Screw-HH 3/8-16 X 3 3/4
34	114-1878-03	1	Lever-HOC
35	1-633268	1	Grip-Lever
36	66-0561	1	Screw-Shoulder
37	3256-26	1	Washer-1/2 Sae
38	65-9940	1	Spring
39	111044	2	Bushing



Deck Lift Assembly (continued)

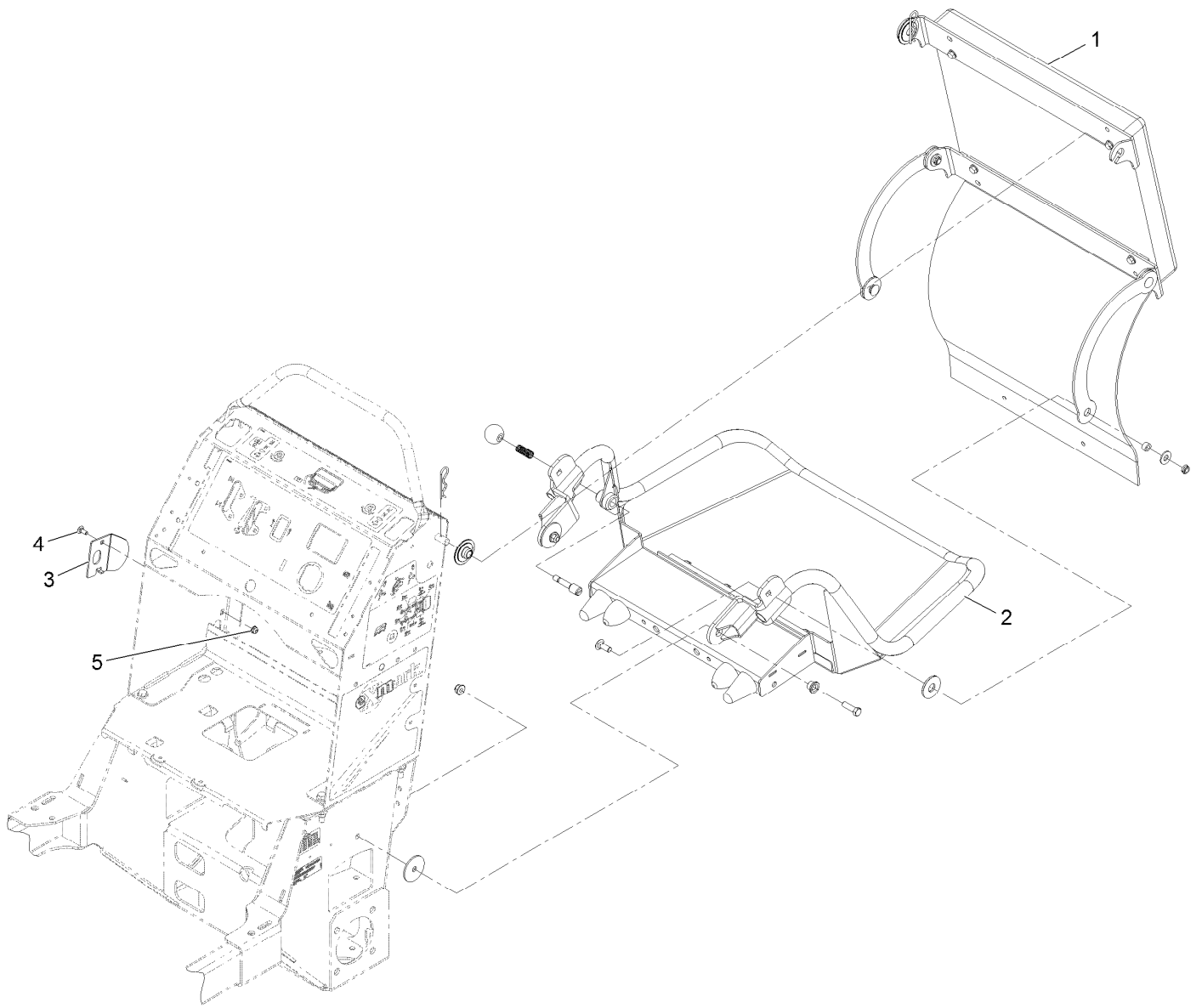
Ref.	Part Number	Qty.	Description
40	116-3971	1	Bracket-HOC
41	323-7	1	Screw-HH 3/8-16 X 1 1/4
42	3231-22	1	Bolt-Carriage 3/8-16 X 1
43	3296-59	2	Nut-Nyloc 3/8-16 Thin
44	116-3975	1	HOC Link ASM
45	327-22	1	Screw-HH
46	3296-53	2	Nut-Nyloc 5/8-11
47	327-29	1	Screw-HH
48	116-0886	1	Extension Spring ASM

Ref.	Part Number	Qty.	Description
49	98-5975	1	Washer-Spring Disc 3/8
50	323-58	1	Bolt-HH 3/8-16 X 6 Tap
51	116-3124	1	Skid-Handle, Lift
52	32144-11	2	Screw-HWH 5/16-18 X 3/4 Tf
53	116-4702	1	Bushing-Flanged
54	325-8	1	Screw-HH 1/2-13 X 1 1/4
55	3256-5	1	Washer-7/16 Std



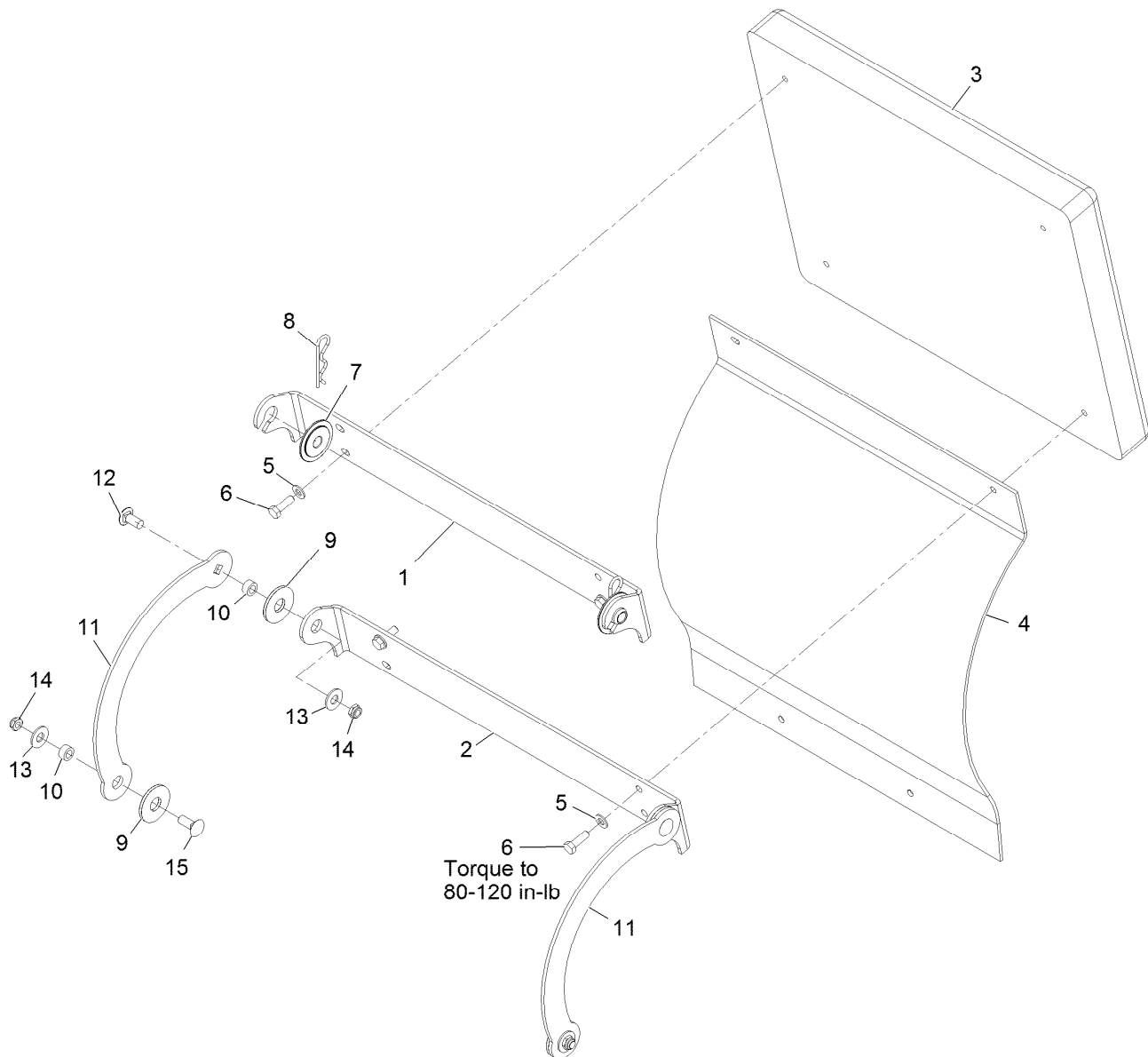
Height of Cut Link Assembly No. 116-3975

<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



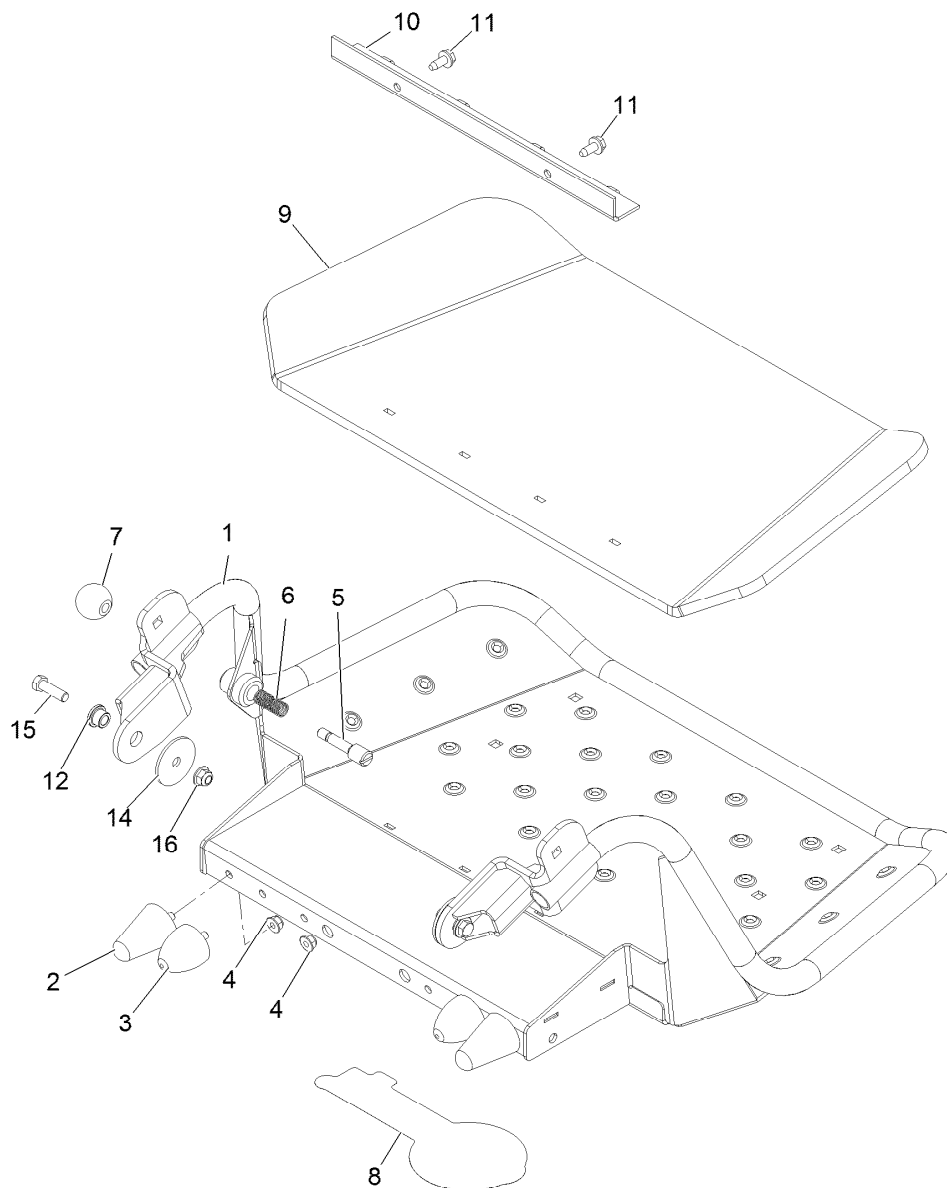
Platform Assembly

Ref.	Part Number	Qty.	Description
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

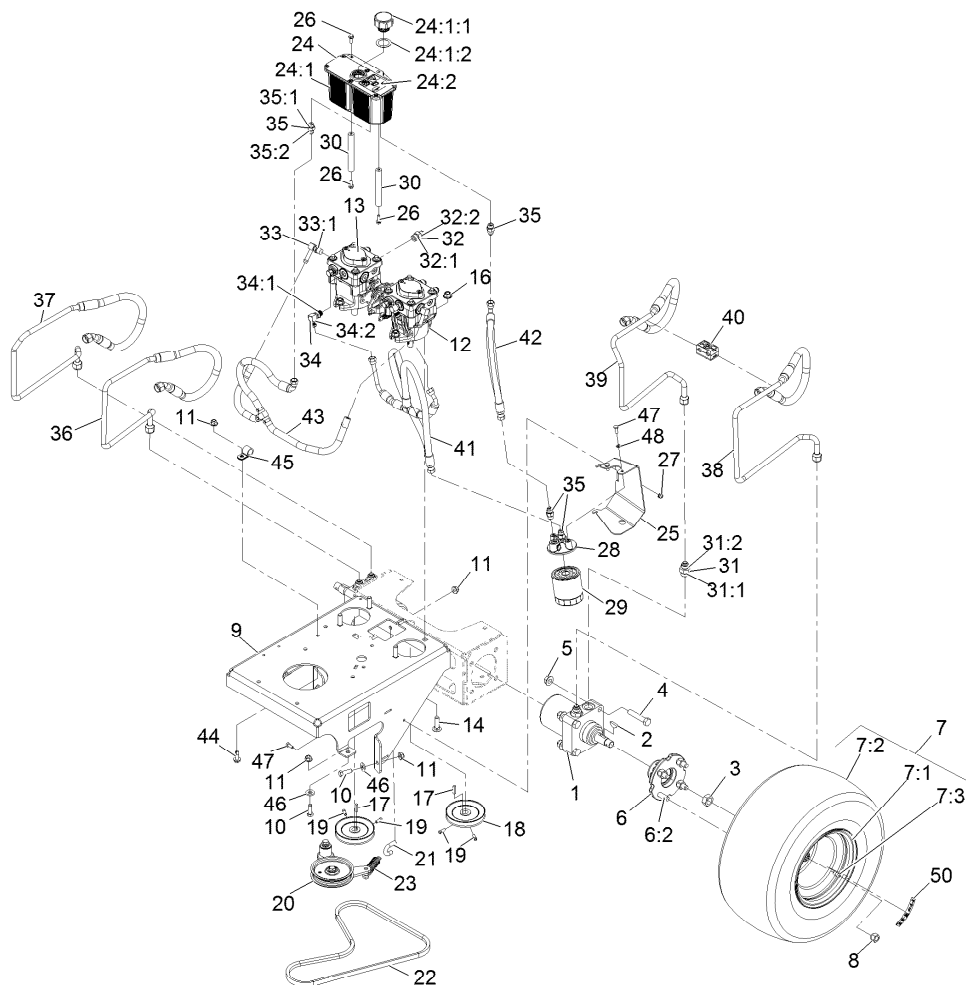
Ref.	Part Number	Qty.	Description
1	116-2757-03	1	Hinge-Pad
2	116-2061-03	1	Hinge-Pad
3	116-1790	1	Pad,Grey Cushion
4	126-0362	1	Shield, Rear
5	3256-23	4	Washer-5/16 Sae
6	116-0648	4	Screw-HH 5/16-18 X 1 W/Patch
7	116-2886	2	Slide-Bushing
8	3290-355	2	Pin-Hair
9	114-0463	4	Washer-Friction, Composite
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
1	104-1171	2	HYD Motor ASM
2	3257-8	2	Key-Woodruff
3	85-7310	2	Nut-Motor, Wheel
4	325-10	8	Screw-HH
5	32128-23	8	Nut-HF
6	105-0800	2	Wheel Hub ASM
6:2	10-6830	4	Stud-Type, Drive
7	116-4587	2	Wheel/Tire ASM
7:1	116-4605	1	Rim-8 Inch
7:2	116-4606	1	Tire
7:3	232-27	1	Stem-Valve
8	242-50	8	Nut-Lug
9	116-8745-01	1	Base, Engine [red]
10	323-18	4	Screw-HH
11	104-8301	6	Nut-Flange, NI
12	116-2572	1	Pump - Hydraulic
13	116-4635	1	Pump-Hydraulic
14	3232-3	4	Bolt-CARR
16	114-8417	4	Nut-HF, NI
17	1-807272	2	Key
18	105-5648	2	Pulley-Pump ■
19	3241-5	4	Screw-Set ◆
20	116-9980	1	Pump Idler ASM
21	116-8526	1	Anchor, Spring

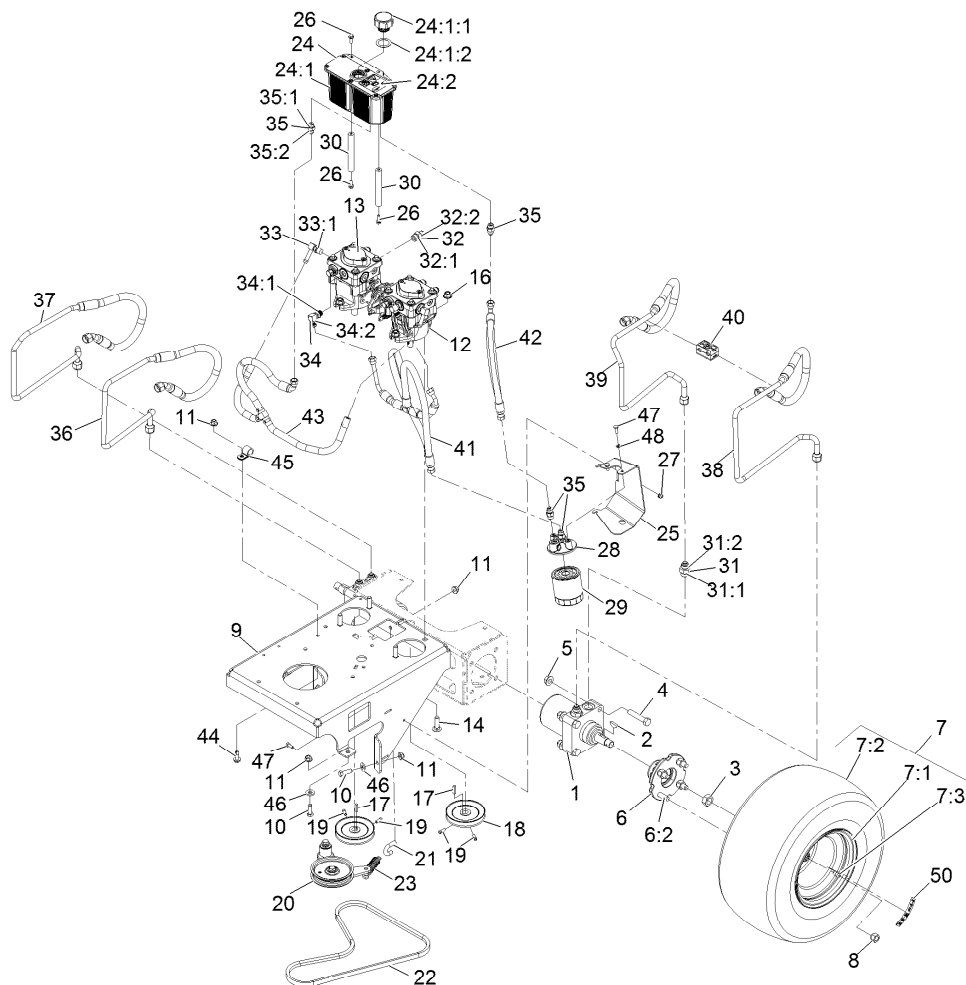
Ref.	Part Number	Qty.	Description
22	119-0174	1	Belt-V
23	108-4056	1	Spring-Extension
24	116-2066	1	ASM,Reservoir W/Decals ▲
24:1		1	Reservoir-HYD ●
24:1:1	103-1948	1	Cap-Reservoir, HYD
24:1:2	103-1949	1	Gasket-Cap
24:2	115-4212	1	Decal-Warning
25	116-4319-01	1	Plate-Filter Mount
26	117-8304	4	Screw-HHF
27	104-7201	1	Nut-HF
28	103-2888	1	Head-Filter
29	109-4180	1	Element, Oil Filter
30	116-4343	2	Rod-Reservoir Stand
31	1-603991	4	Fitting-Straight
31:1	237-80	1	O-Ring
31:2	1-603992	1	O-Ring
32	1-603990	4	Fitting-Straight
32:1	1-603920	1	O-Ring
32:2	1-603992	1	O-Ring
33	100-4887	2	Fitting-Barbed, 90 DEG
33:1	237-42	1	O-Ring
34	103-2155	2	Fitting-90 DEG
34:1	1-603921	1	O-Ring
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
35	103-2156	4	Fitting-Straight
35:1	1-603921	1	O-Ring
35:2	103-1020	1	O-Ring
36	116-5526	1	Hose-Hardline
37	116-5525	1	Hose-Hardline
38	116-5523	1	Hose-Hardline
39	116-5524	1	Hose-Hardline
40	116-5804	2	Clamp, Stauff 212,7/12,7 W/Retainers
41	116-5145	1	Hose-ASM Charge

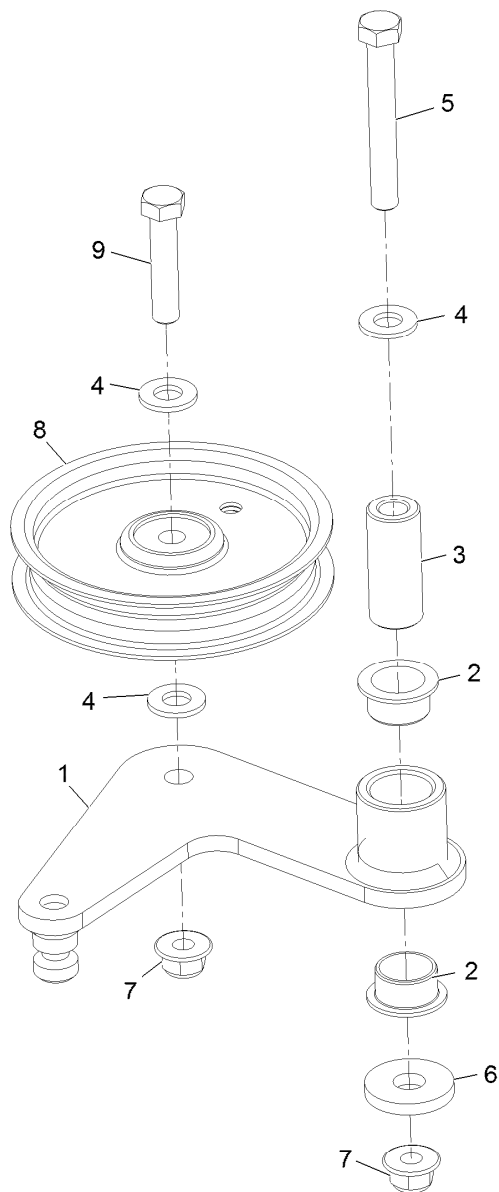
Ref.	Part Number	Qty.	Description
42	116-4252	1	Hose ASM-HYD LP 3/8X14.4
43	116-5460	1	Hose ASM - HYD 3/8
44	105-6245	1	Screw-Tapping
45	1-633396	1	Clip-Loom
46	98-5975	4	Washer-Belleville
47	321-3	3	Screw-HH
48	1-805004	2	Washer-Lock
50	126-2130	2	Decal-Wheel Torque

● Not serviced separately

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

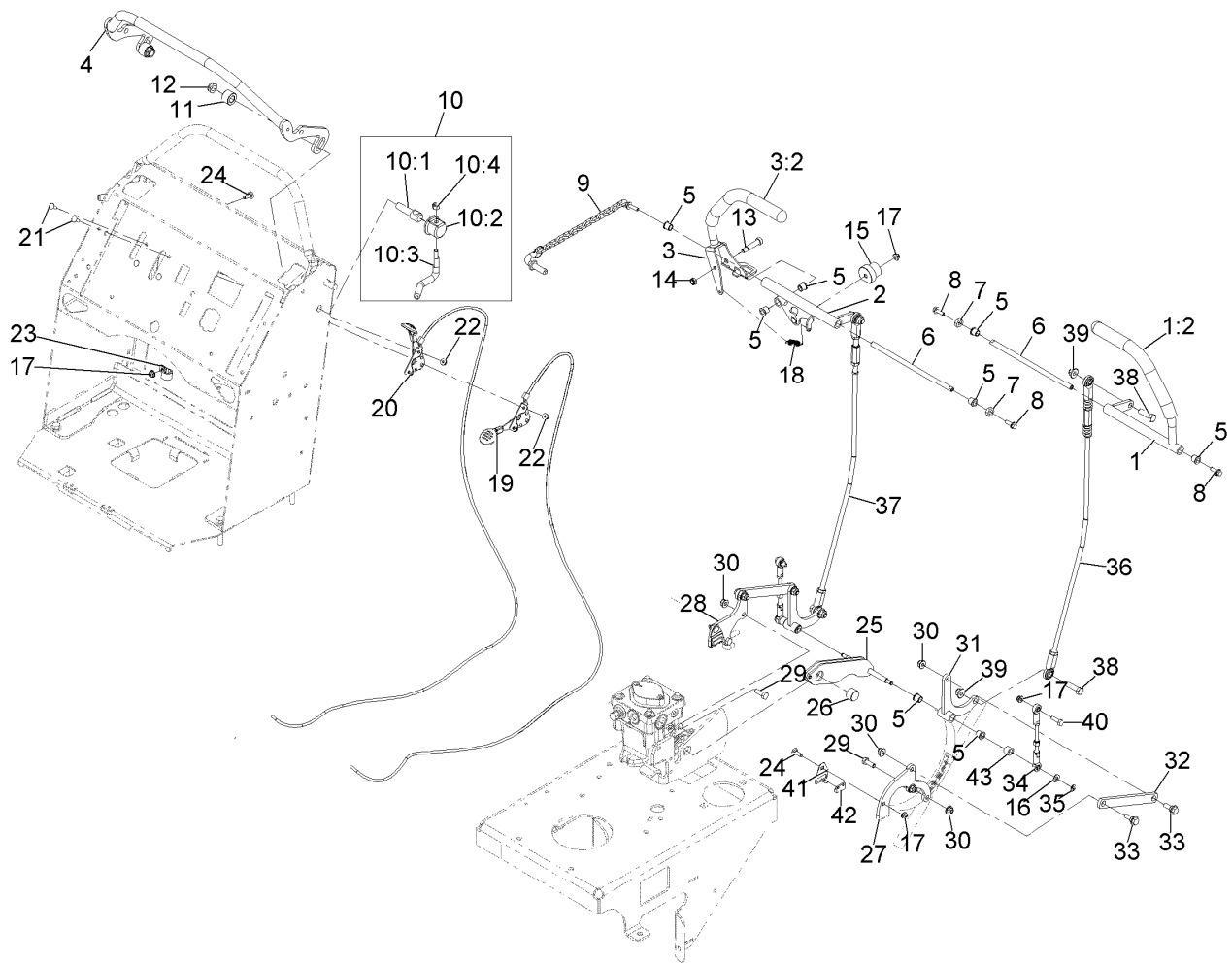
◆ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.

■ Apply anti-seize compound in bore.



Pump Idler Assembly No. 116-9980

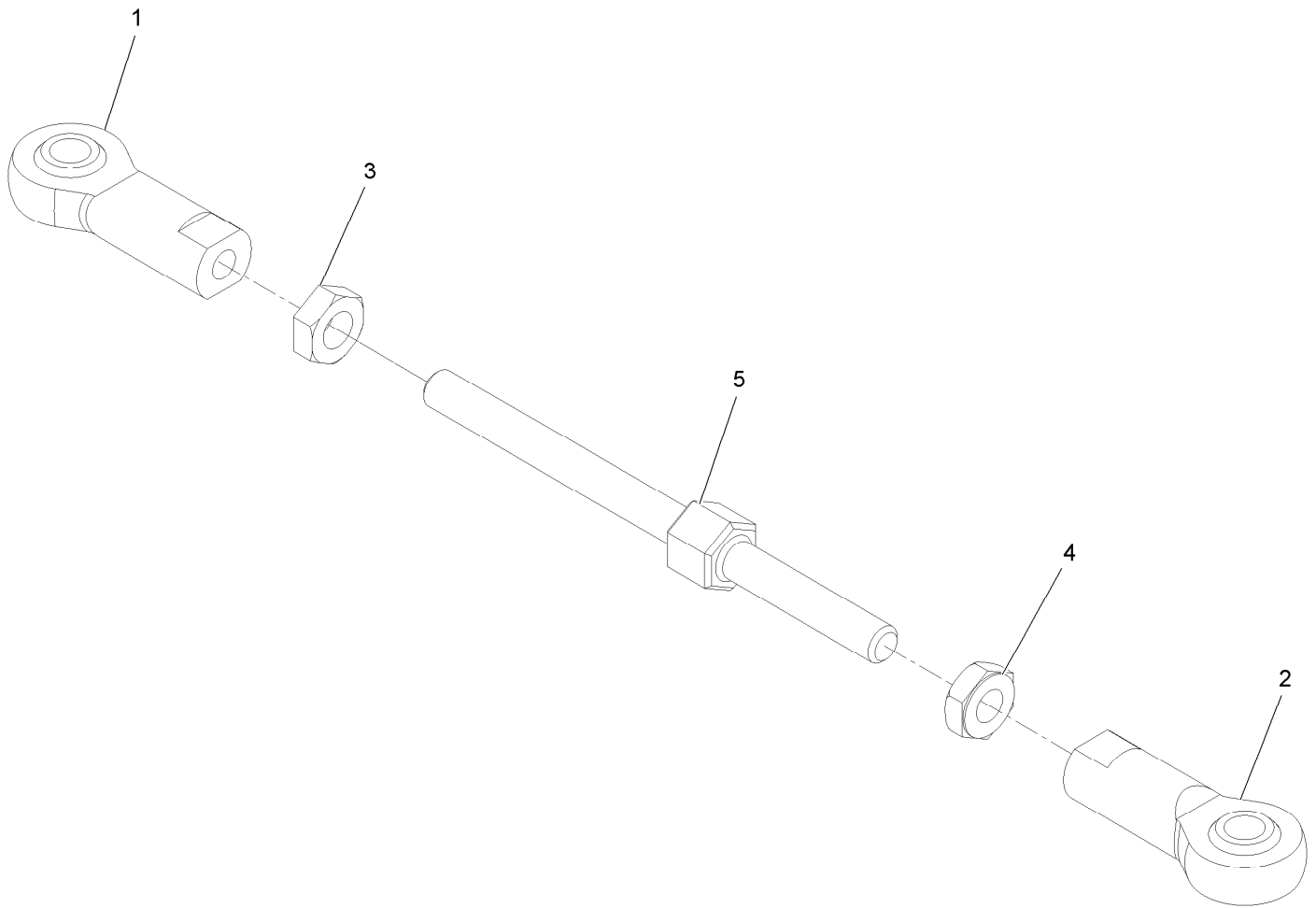
Ref.	Part Number	Qty.	Description
1	116-8717	1	Idler Arm ASM
2	109-8054	2	Bushing-Flanged
3	116-8718	1	Spacer, Pivot
4	3256-24	3	Washer-3/8 Sae
5	323-13	1	Screw-HH 3/8-16 X 2 3/4
6	1-373034	1	Washer
7	104-8301	2	Nut-Nyloc 3/8-16 Flg
8	93-1622	1	Pulley-Idler
9	323-9	1	Screw-HH 3/8-16 X 1 3/4



Control Assembly

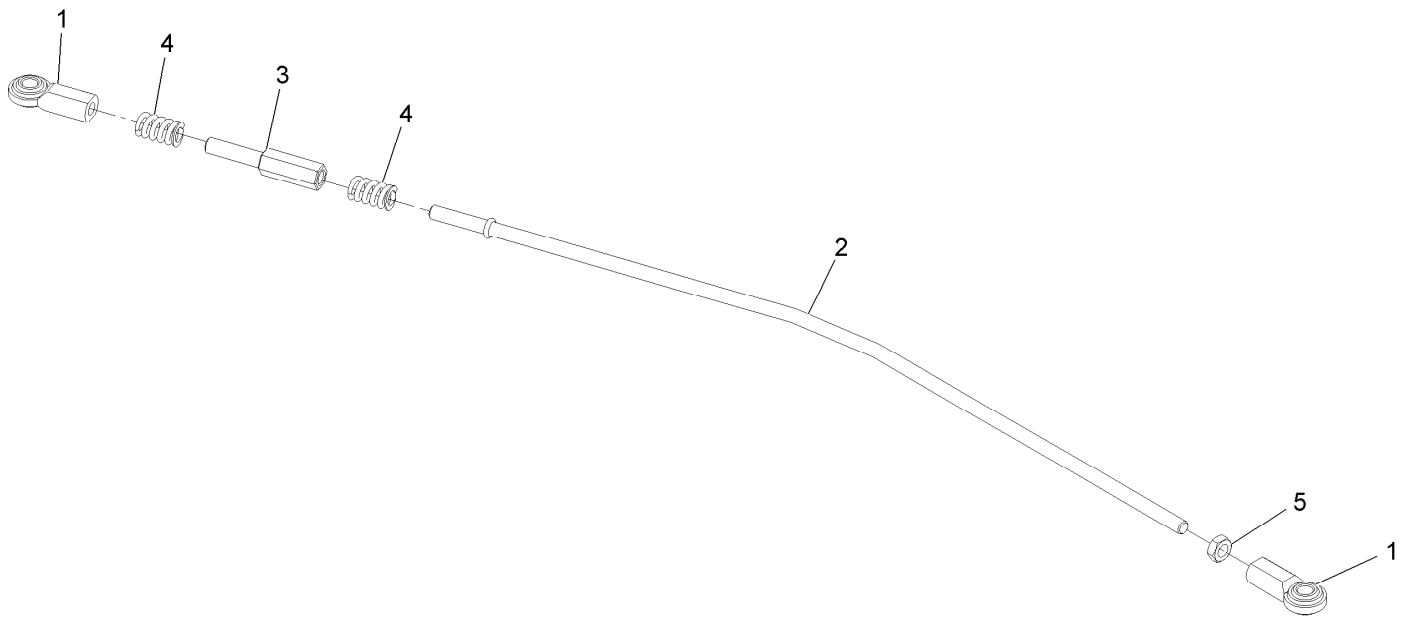
Ref.	Part Number	Qty.	Description
1	116-4195	1	Lever ASM, LH
1:2	116-2357	1	Grip-Handle, Control
2	126-1943-03	1	Weld, Motion Control
3	116-9815	1	ASM, Lever W/ Grip, Rt
3:2	116-2357	1	Grip-Handle, Control
4	116-6985-03	1	Tube ASM, Front Speed Control [
5	103-9928	10	Bearing
6	116-4197	2	Shaft-Pivot, Motion Control
7	116-4198	2	Spacer-Drive Lever Shaft
8	117-8304	3	Screw-Hex Flange 1/4-20 X 3/4
9	114-0409	1	HOC Pin ASM
10	107-1664	2	Lever ASM
10:1	106-3239	1	Screw-Lock
10:2	107-1644	1	Cap-Lock
10:3	106-3241	1	Lever-Lock
10:4	3296-29	1	Nut-Nyloc 5/16-18
11	116-2319	2	Spacer-Clamp
12	3296-45	2	Nut-Nyloc 1/2-13 Thin
13	114-0239	1	Screw-Shoulder 5/16-18 X 1/2
14	3296-47	1	Nut-Nyloc 5/16-18 Thin
15	126-1499	1	Cam
16	3256-22	2	Washer-1/4 Sae
17	3296-56	6	Nut-Nyloc 1/4-20 Thin
18	114-0249	1	Spring-Extension
19	116-4276	1	Control-Throttle

Ref.	Part Number	Qty.	Description
20	116-4277	1	Control-Choke
21	1-807533	4	Bolt-Carriage #10-24 X 5/8
22	3290-148	4	Nut-Whizlock #10-24
23	2412-87	1	Clamp-Cable
24	3229-1	3	Bolt-Carriage 1/4-20 X 3/4
25	116-4740	1	Bellcrank Link ASM
26	116-4203	1	Pin-Bellcrank Link Retaining
27	116-4737	1	Arm-Pump Control
28	116-7000	1	Arm-Pump Control RH
29	322-4	4	Screw-HH 5/16-18 X 7/8
30	104-8300	8	Nut-Nyloc 5/16-18 Flg
31	116-4205	2	Bellcrank-Lower
32	116-4208	2	Link-Bellcrank, Pump
33	116-2670	4	Screw-Shoulder HHF 5/16-18 X .96
34	116-4210	2	Vertical Adjust Link
35	32151-86	2	E-Ring
36	116-4213	1	Linkage-Tracking Control, LH
37	116-4214	1	Linkage-Tracking Control, RH
38	323-7	4	Screw-HH 3/8-16 X 1 1/4
39	104-8301	4	Nut-Nyloc 3/8-16 Flg
40	321-5	2	Screw-HH 1/4-20 X 7/8
41	116-4739	2	Clamp-Switch
42	116-2832	2	Actuator-Switch, Reed
43	52-2480	2	Spacer-Wheel



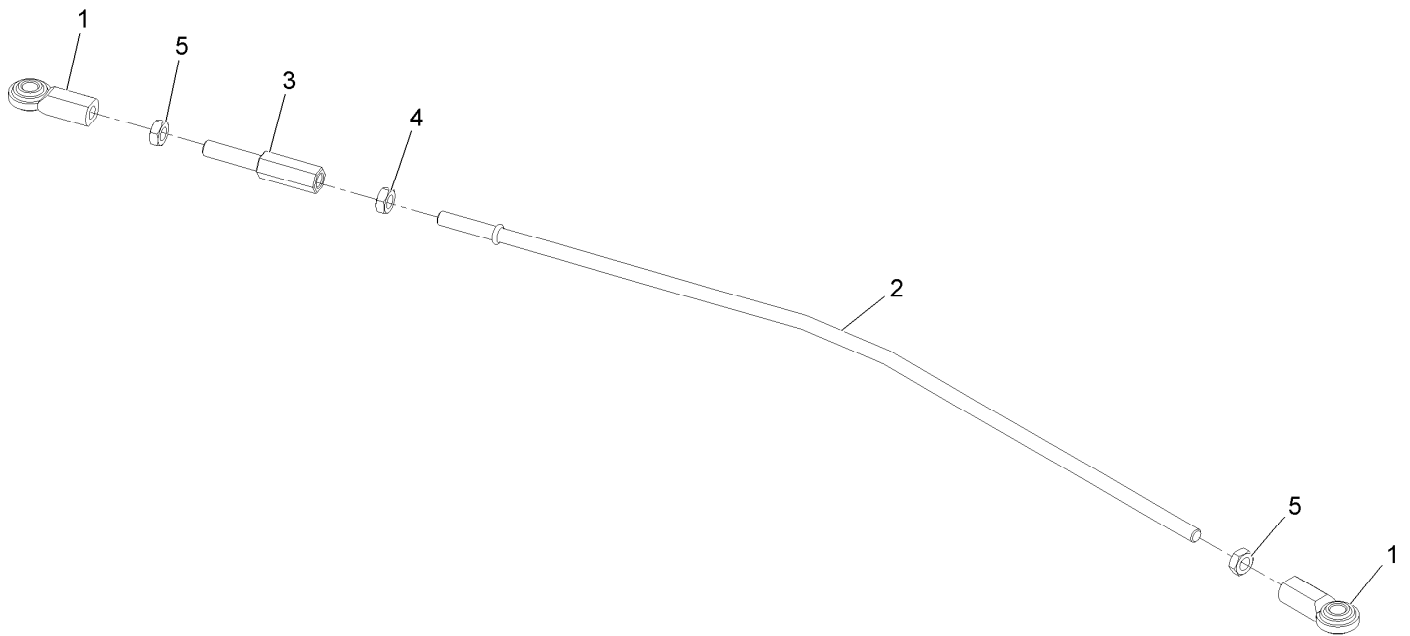
Vertical Adjust Link Assembly No. 116-4210

<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



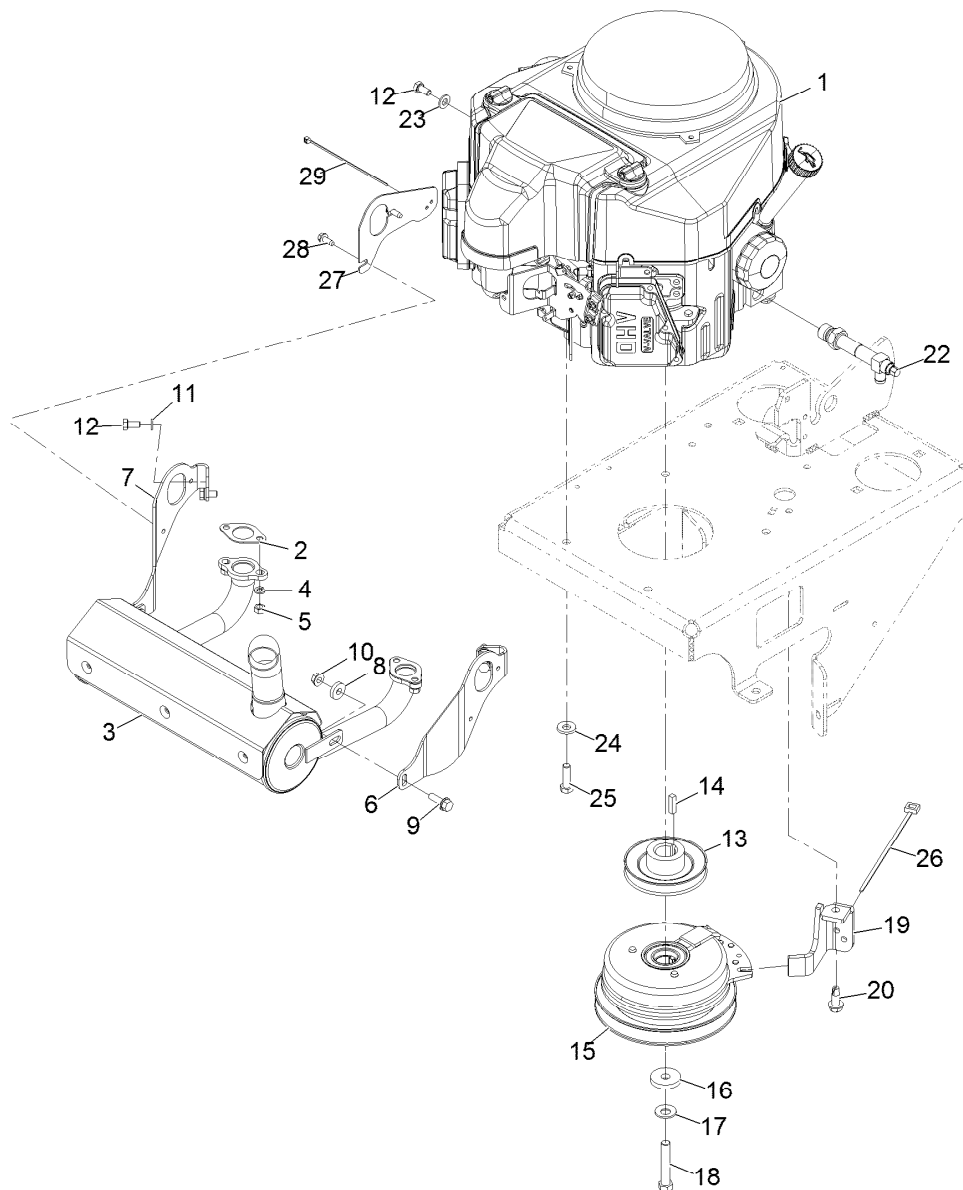
LH Tracking Control Linkage Assembly No. 116-4213

<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

Ref.	Part Number	Qty.	Description
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 ■◆
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
13	116-3610	1	Pulley ▲
14	1-807259	1	Key-Machine 1/4 X 1/4 X 1

Ref.	Part Number	Qty.	Description
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

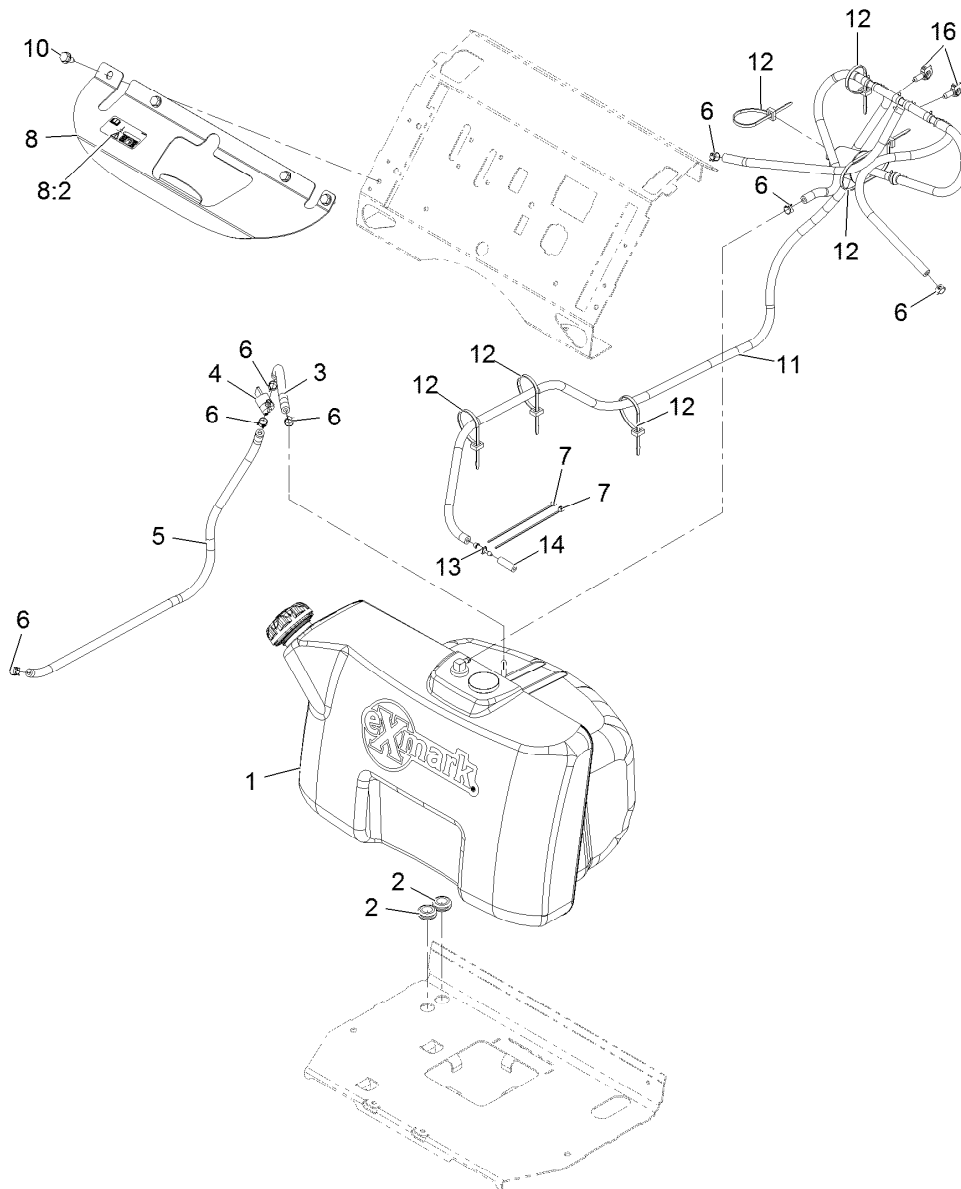
▲ Apply anti-seize compound in bore.

□ Use a Teflon Pipe Sealant or equivalent on threads.

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

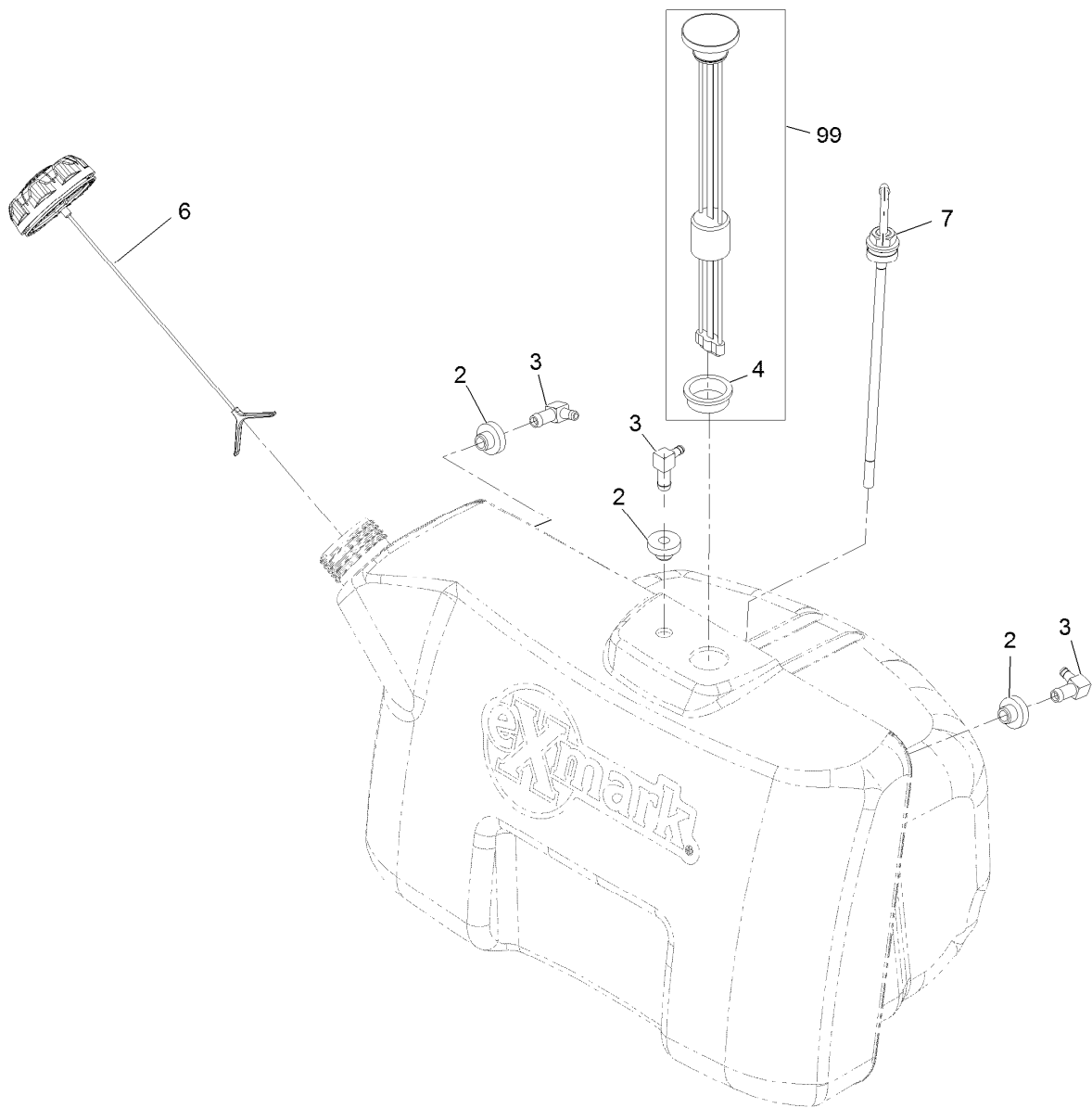
■ Not serviced separately

◆ Obtain parts from www.kawpowerepc.com



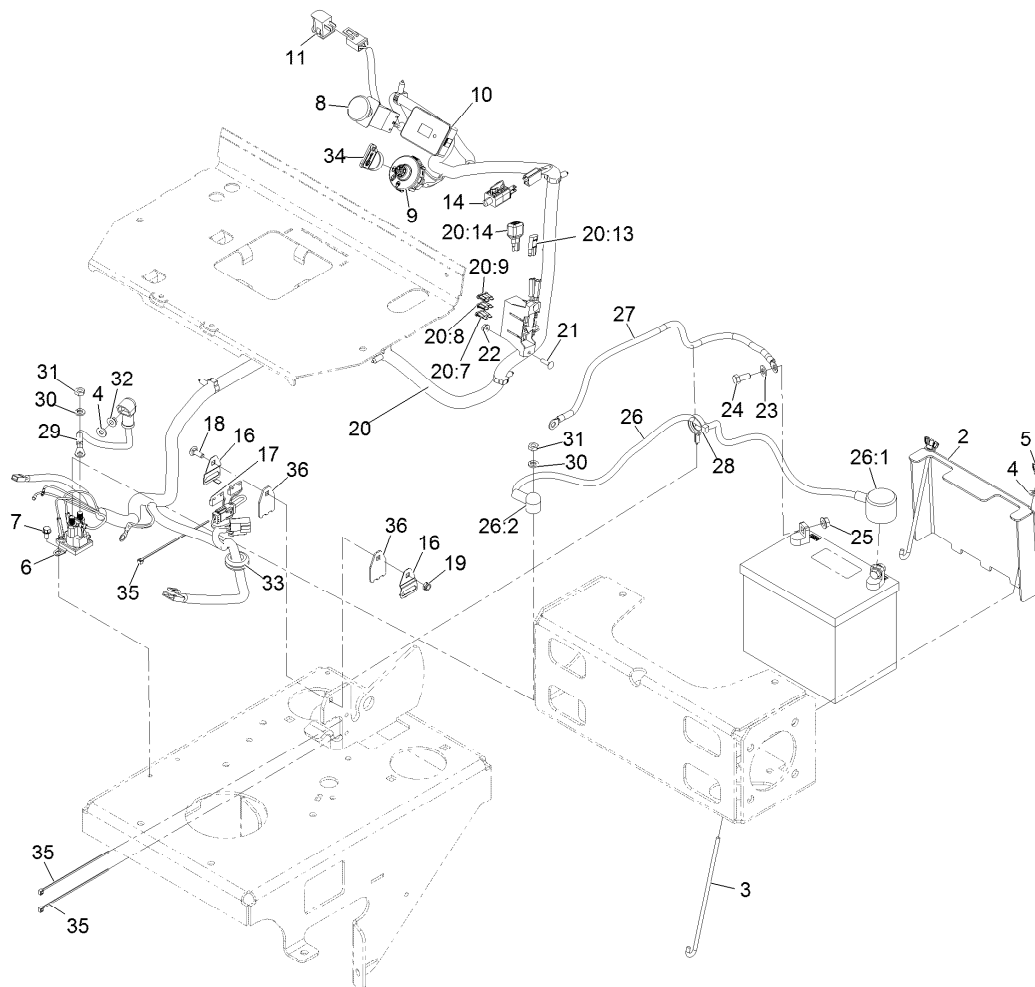
Fuel Tank Mounting Assembly

Ref.	Part Number	Qty.	Description
1	116-4577	1	Tank ASM- Exmark
2	112-7069	2	Grommet
3	107-9297	1	Hose-Fuel
4	1-603770	1	Valve-Fuel
5	110-1872	1	Hose-Fuel
6	2412-98	7	Clamp-Hose
7	1-303287	2	Tie-Cable 5 1/2 (Small)
8	116-3088	1	Bracket-Tank
8:2	116-8775	1	Decal-Fuel Fill
10	32144-70	4	Screw-HWH 5/16-18 X 3/4 Tf
11	116-4636	1	Vent ASM
12	3290-378	6	Tie-Cable
13	106-8150	1	Fitting-Straight
14	51-3216	1	Hose-Fuel
16	32180-040	2	Clip-Harness



Fuel Tank Assembly No. 116-4577

Ref.	Part Number	Qty.	Description
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
2	116-4756-01	1	Cover-Battery
3	1-633651	2	Bolt-Holddown
4	3256-22	3	Washer-1/4 Sae
5	1-543792	2	Wingnut-Nyloc 1/4-20
6	117-1197	1	Solenoid
7	32144-4	2	Screw-HWH 1/4-20 X 1/2 Tapite
8	114-0279	1	Switch-PTO
9	117-2222	1	Switch-Ignition
10	117-3886	1	Module-Hour Meter
11	82-2190	1	Switch
14	119-8231	1	Switch-Plunger, Nc, Spst
16	116-4739	2	Clamp-Switch
17	116-2833	1	Harness-Switch, Reed
18	3229-1	1	Bolt-Carriage 1/4-20 X 3/4
19	3296-56	1	Nut-Nyloc 1/4-20 Thin
20	126-1214	1	Harness, Wire ●
20:7	109103	1	Fuse-Blade, 30 Amp
20:8	109102	1	Fuse-Blade, 25 Amp
20:9	218-578	1	Fuse-Blade, 10 Amp

Ref.	Part Number	Qty.	Description
20:13	116-0053	1	Cap-Plug
20:14	103-3895	1	Diode-Tvs
21	3229-20	2	Screw-CARR
22	3290-148	2	Nut-Whizlock #10-24
23	3256-23	2	Washer-5/16 Sae
24	322-3	2	Screw-HH 5/16-18 X 3/4
25	109-5715	2	Nut-Hex Flange 5/16-18
26	109-7608	1	Cable, Battery (+)
26:1	109-2407	1	Insulator-Battery
26:2	1-543393	1	Insulator-Solenoid
27	54-3093	1	Cable-Battery, Negative
28	105-1853	1	Clamp-Hose
29	106-8268	1	Cable-Battery, Red
30	3253-4	2	Washer-Lock 5/16
31	3220-2	2	Nut-Jam 5/16-24
32	32128-33	1	Nut-Whizlock 1/4-20
33	117-2781	1	Grommet
34	103-2106	1	Key-Exmark Logo
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.

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

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) _____

© 2014 Exmark Mfg. Co., Inc.
Industrial Park Box 808
Beatrice, NE 68310
All Rights Reserved

Part No. 4501-807 Rev. A
(402) 223-6300
Fax (402) 223-5489
Printed in the USA.



* 4 5 0 1 - 8 0 7 * A

www.exmark.com