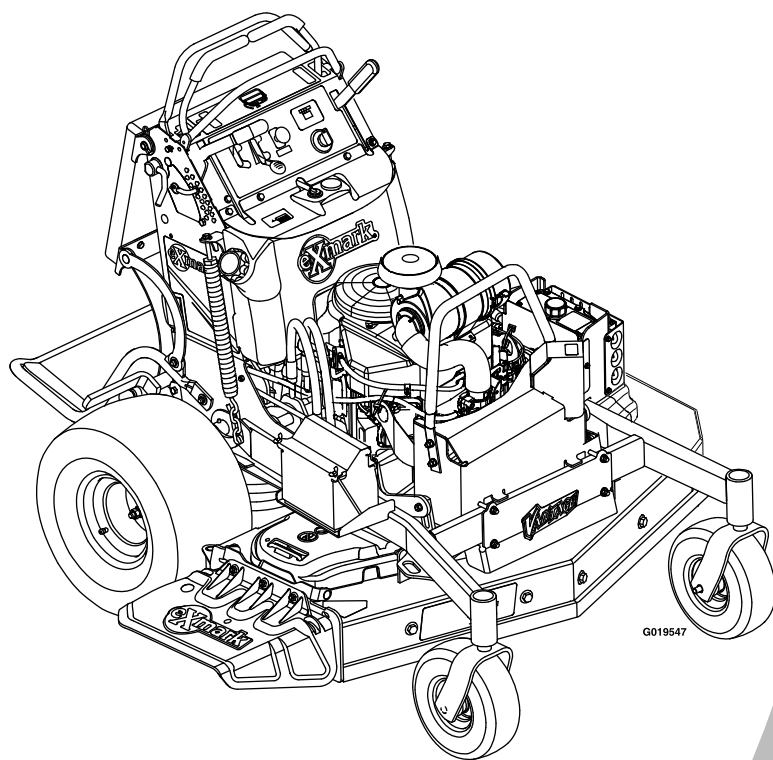




VANTAGE® S-SERIES

Model No. VTS691CKA48400—Serial No. 315000000 and Up

Picture below may not reflect actual product.



Parts Manual

Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

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

Reference Numbers Indicating Quantity

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

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

List of Abbreviations

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

Touch Up Paint

Exmark black touch up spray paint – gloss black.

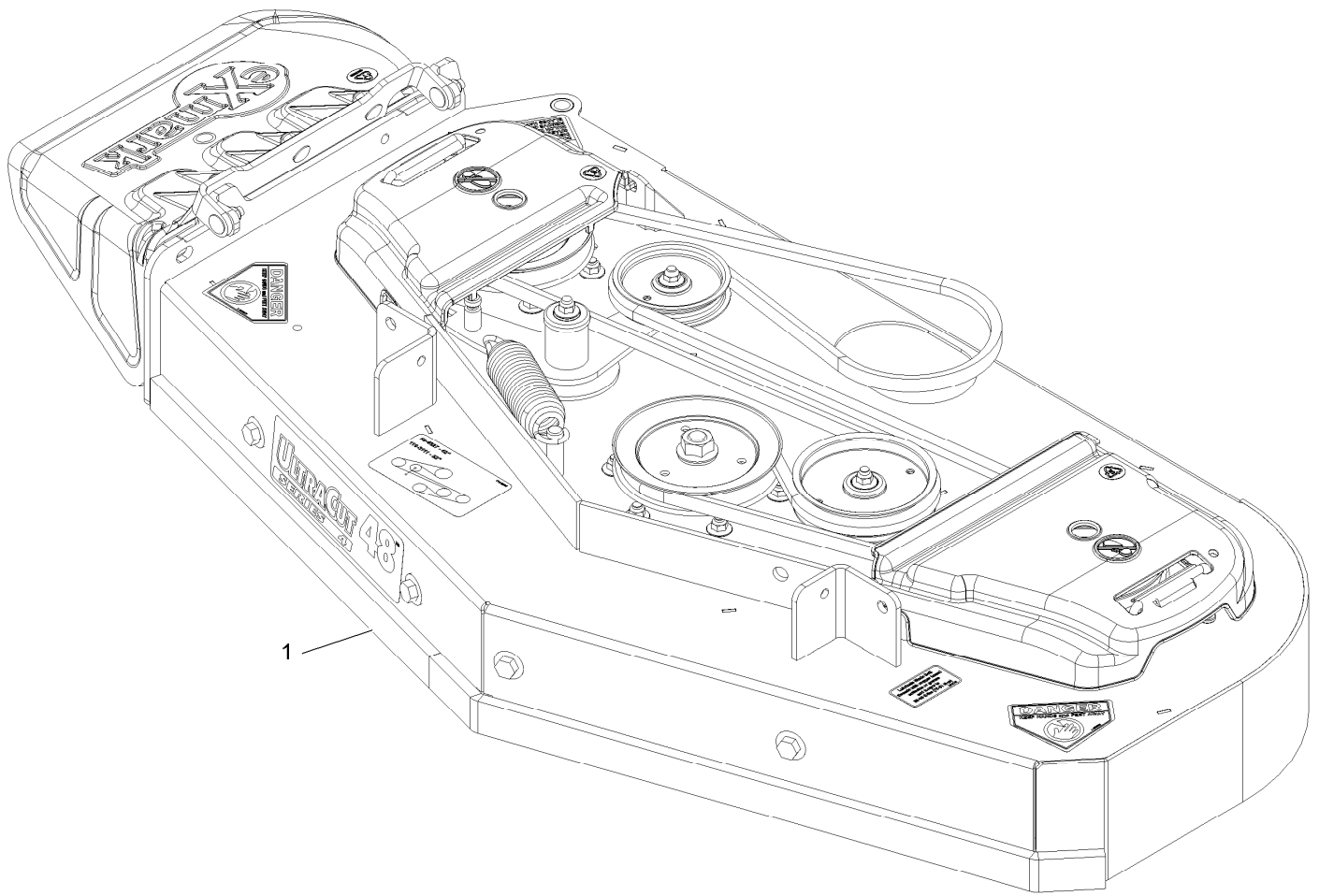
Exmark red touch up paint (spray paint – P/N 1-850337 - .6 oz liquid bottle – P/N 103-9140).



If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark Dealer for details.)

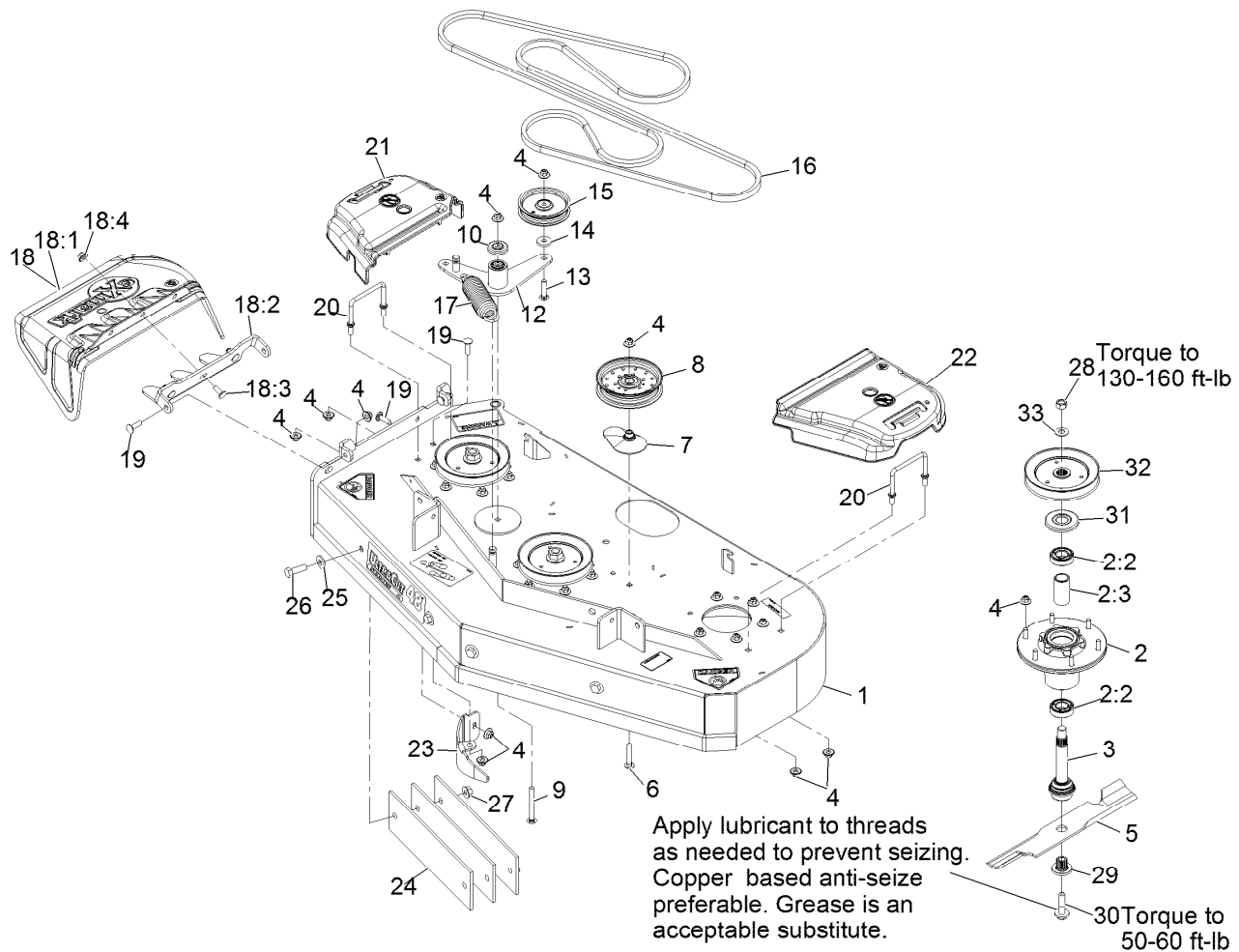
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Complete Deck Assembly

Ref.	Part Number	Qty.	Description
1	116-5011	1	ASM-Deck Complete 484



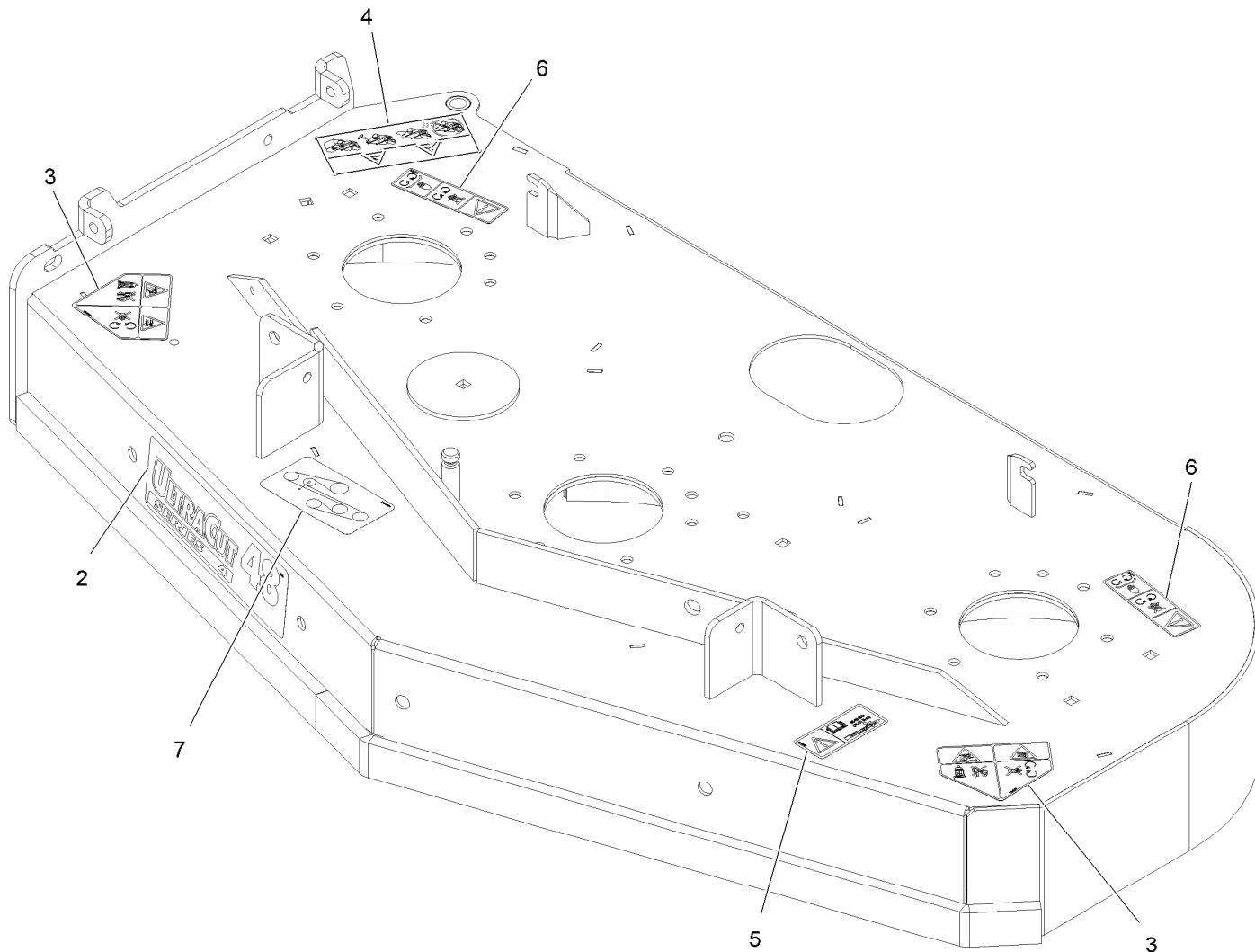
Deck Assembly

Ref.	Part Number	Qty.	Description
1	116-3999	1	Deck ASM-484
2	116-3344	3	ASM-Cutter Hsg With Bearings
2:2	116-0720	2	Bearing-Ball
2:3	116-3312	1	Spacer-Bearing
3	116-3341	3	ASM-Spindle And Seal ■
4	109-6658	29	Nut-Nyloc 3/8-16 Flg
5	103-6391	3	Blade, Mulching ●
5	116-5177	3	Blade-Extreme 2, 16.25"
5	103-6401	3	Blade-Notched
5	103-6386	3	Blade, Low Lift
5	103-6381	3	Blade, Solid
6	3231-7	1	Bolt-Carriage 3/8-16 X 2 1/4
7	109-2872	1	Spacer-Pulley
8	116-4665	1	Idler-Pulley, Flat
9	3231-11	1	Bolt-Carriage 3/8-16 X 3 1/2
10	103-2916	1	Guard-Top
12	116-3806	1	Idler Arm ASM W/Bearings
13	116-3381	1	Bolt-Carriage 3/8-16 X 1 3/4
14	1-373034	1	Washer
15	93-1622	1	Pulley-Idler
16	99-4627	1	V-Belt

Ref.	Part Number	Qty.	Description
17	116-6317	1	Spring-Extension
18	109-7188	1	ASM,Discharge Chute
18:1	109-2738	1	Chute, Discharge
18:2	109-8675-01	1	Bracket,Discharge Chute
18:3	3231-22	3	Bolt-Carriage 3/8-16 X 1
18:4	109-6658	3	Nut-Nyloc 3/8-16 Flg
19	3231-28	4	Bolt-Carriage 3/8-16 X 1 1/4
20	109-6982	2	Wireform-Cover
21	109-6935	1	Cover-Belt, RH
22	109-6936	1	Cover-Belt, LH
23	116-5995-01	1	Baffle-Dogleg,Lzs Lzx Vt48
24	116-1822-01	6	Bar,Weight
25	1-513435	4	Washer-Spring Disc 1/2
26	325-6	4	Screw-HH 1/2-13 X 1 1/2
27	32128-49	4	Nut-Whizlock 1/2-13
28	116-7306	3	Nut-Hex
29	103-3037	3	Bushing, Splined
30	109-9220	3	Screw-Sems 1/2-20 X 2.19
31	116-1286	3	Guard,Bearing Top .989
32	116-0674	3	Sheave,Blade Drive 5.90 ■
33	103-2802	3	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.



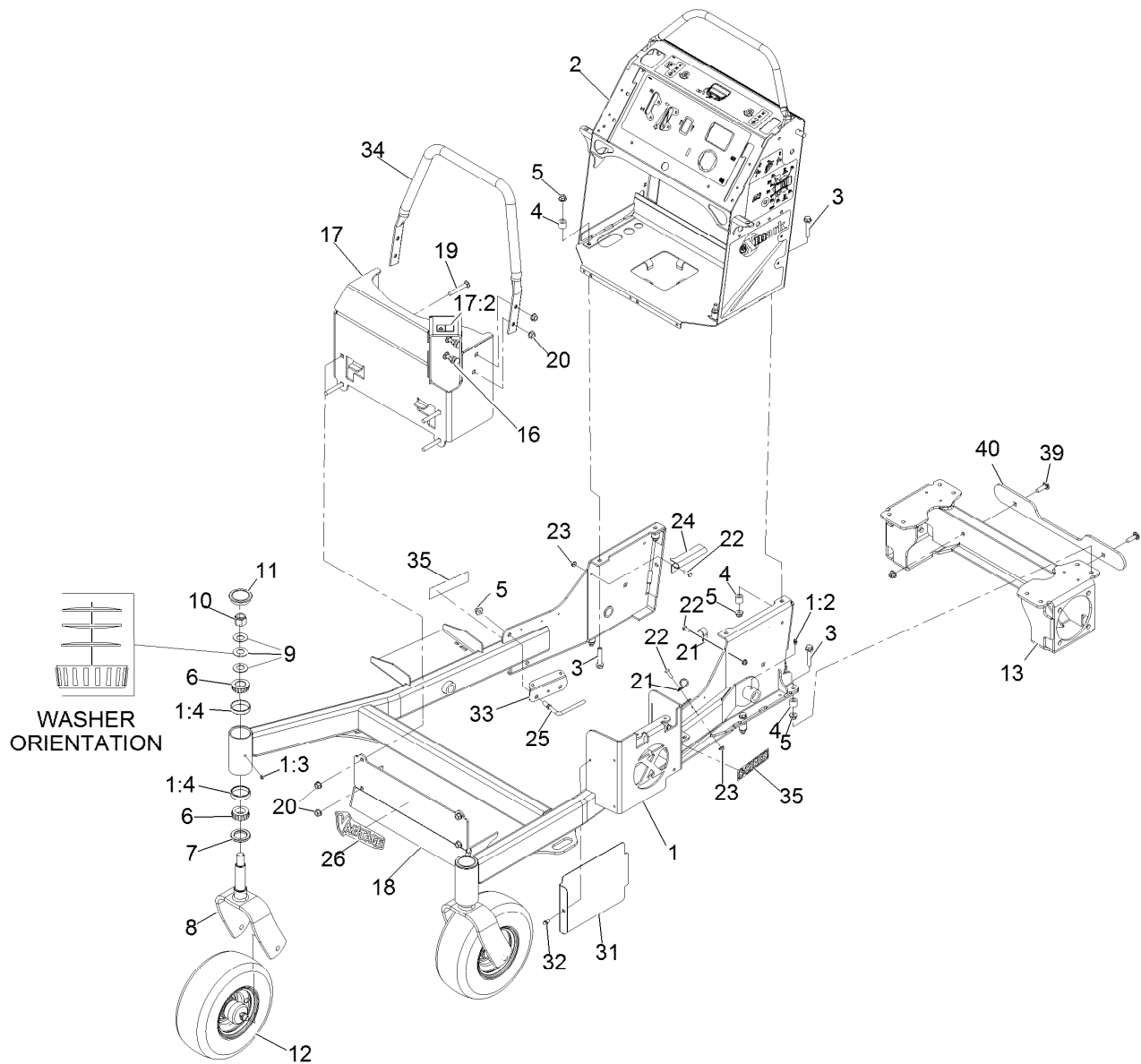
Deck W/Decals Assembly No. 116-3999

Ref.	Part Number	Qty.	Description
2	116-0033	1	Decal,Ultracut 48 Series 4
3	112-8760	2	Decal-Danger
4	114-3489	1	Decal-Warning, Bagger
5	116-8283	1	Decal-Bolt Torque
6	112-9028	2	Decal-Cover Missing
7	116-8774	1	Decal-Belt Routing



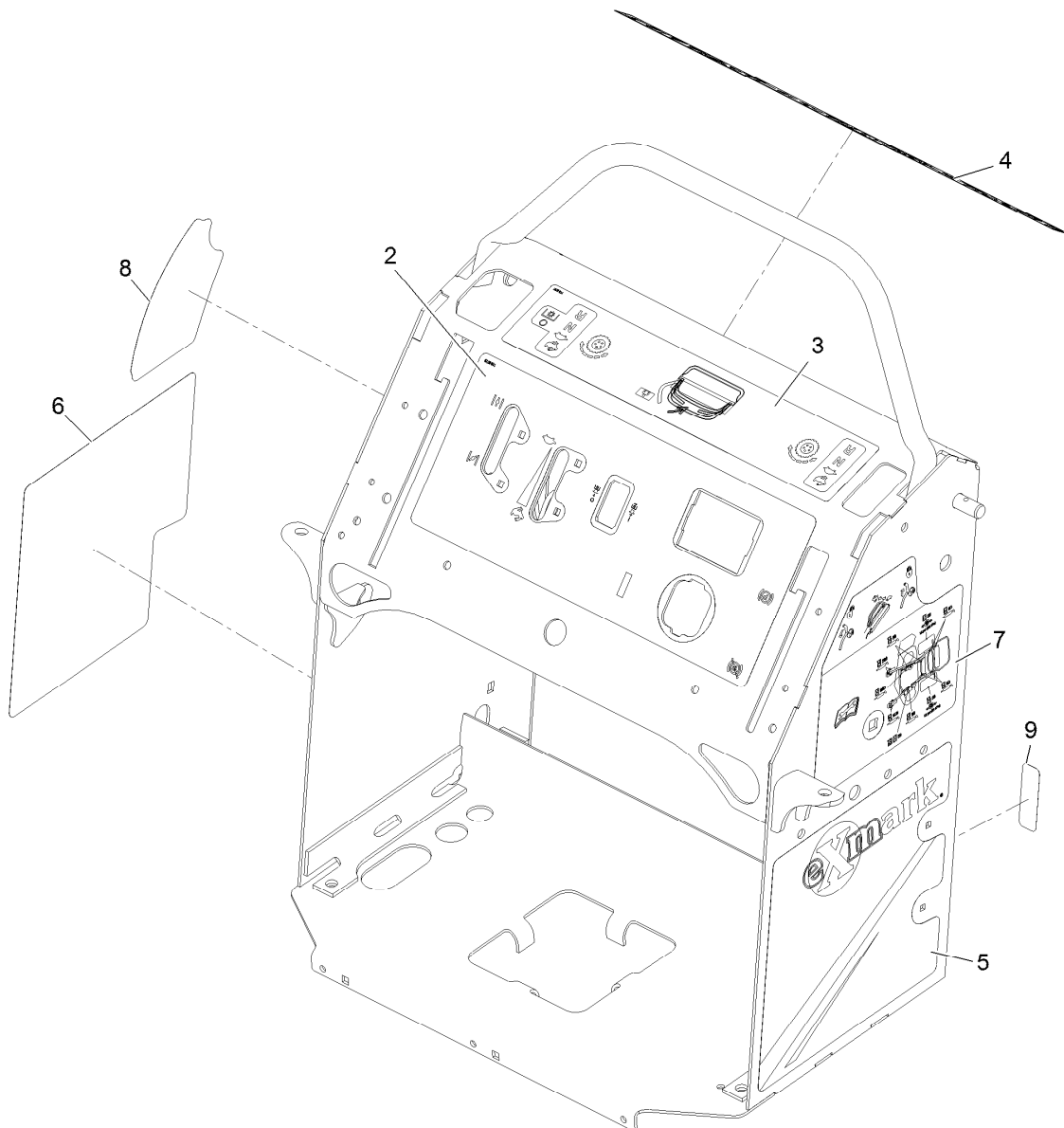
Idler Arm Assembly No. 116-3806

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



Main Frame Assembly

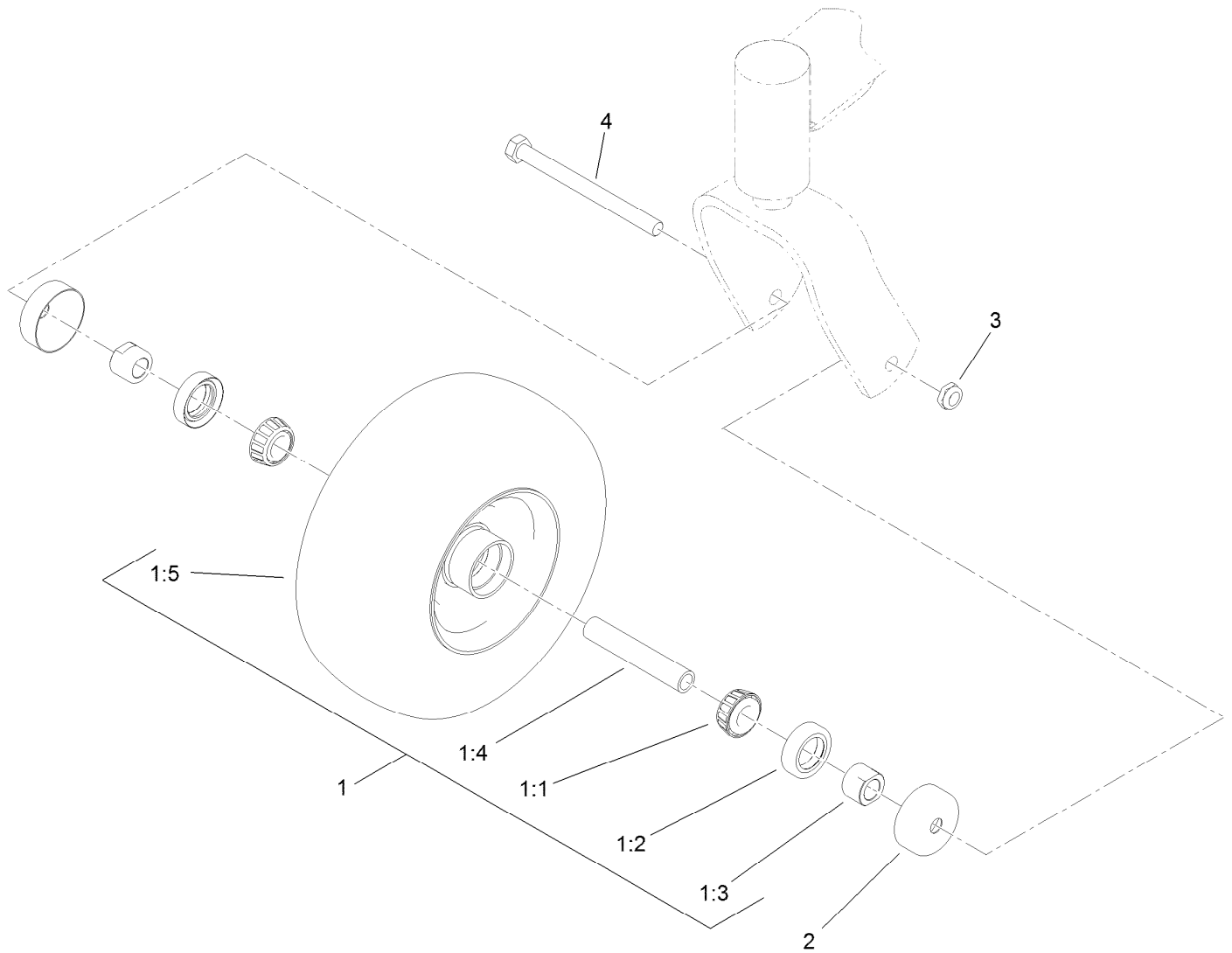
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	116-7045	1	Front Frame ASM	17	126-5015	1	ASM, Muffler Guard W/ Decal
1:2	302-5	4	Zerk 1/4-28 Str Thrd Forming	17:2	106-5517	1	Decal-Warning, Hot Surface
1:3	1-811010	2	Plug	18	116-3113-01	1	Panel-Guard
1:4	1-543508	4	Cup-Bearing Tapered Roller	19	3231-31	4	Bolt-Carriage 3/8-16 X 2 1/2
2	116-5013	1	Control Tower ASM	20	32128-21	8	Nut-3/8-16 Flanged Side Lock
3	108-3742	8	Screw-HH Flg 3/8-16 X 2	21	2412-87	1	Clamp-Cable
4	121-1760	8	Spacer	22	321-4	2	Screw-HH 1/4-20 X 3/4
5	104-8301	12	Nut-Nyloc 3/8-16 Flg	23	104-7201	2	Nut-Nyloc 1/4-20 Flg
6	1-543509	4	Cone-Bearing Tapered Roller	24	116-5067	1	Bracket-Hose, Fuel (Double)
7	116-5647	2	Seal-Grease	25	116-3382	2	Guide-Hose, Support
8	121-7988-01	2	Fork-Caster	26	116-3137	1	Decal-Vantage Logo
9	1-633508	6	Washer-Spring Disc	31	116-6981-01	1	Shield-Heat, Tall
10	3296-51	2	Nut-Nyloc 3/4-10	32	32144-4	1	Screw-HWH 1/4-20 X 1/2 Tapite
11	103-4882	2	Cap-Grease	33	116-6997-01	2	Guard-Hose
12	112-3810	2	Wheel/Tire And Bearing ASM	34	116-8152-03	1	Tube-Guard
13	116-9560-03	1	Motor Frame Weldment [black]	35	116-3884	2	Decal-S-Series
16	3231-22	4	Bolt-Carriage 3/8-16 X 1	39	3231-22	2	Bolt-Carriage 3/8-16 X 1
				40	126-1364-03	1	Plate, Bumper Spacer



Control Tower W/Decals Assembly No. 116-5013

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	116-8777	1	Decal-Service Aid
8	116-2040	1	Decal-Height Of Cut
9	116-8772	1	Decal-Fuse

Wheel and Bearing Assembly No. 112-3810



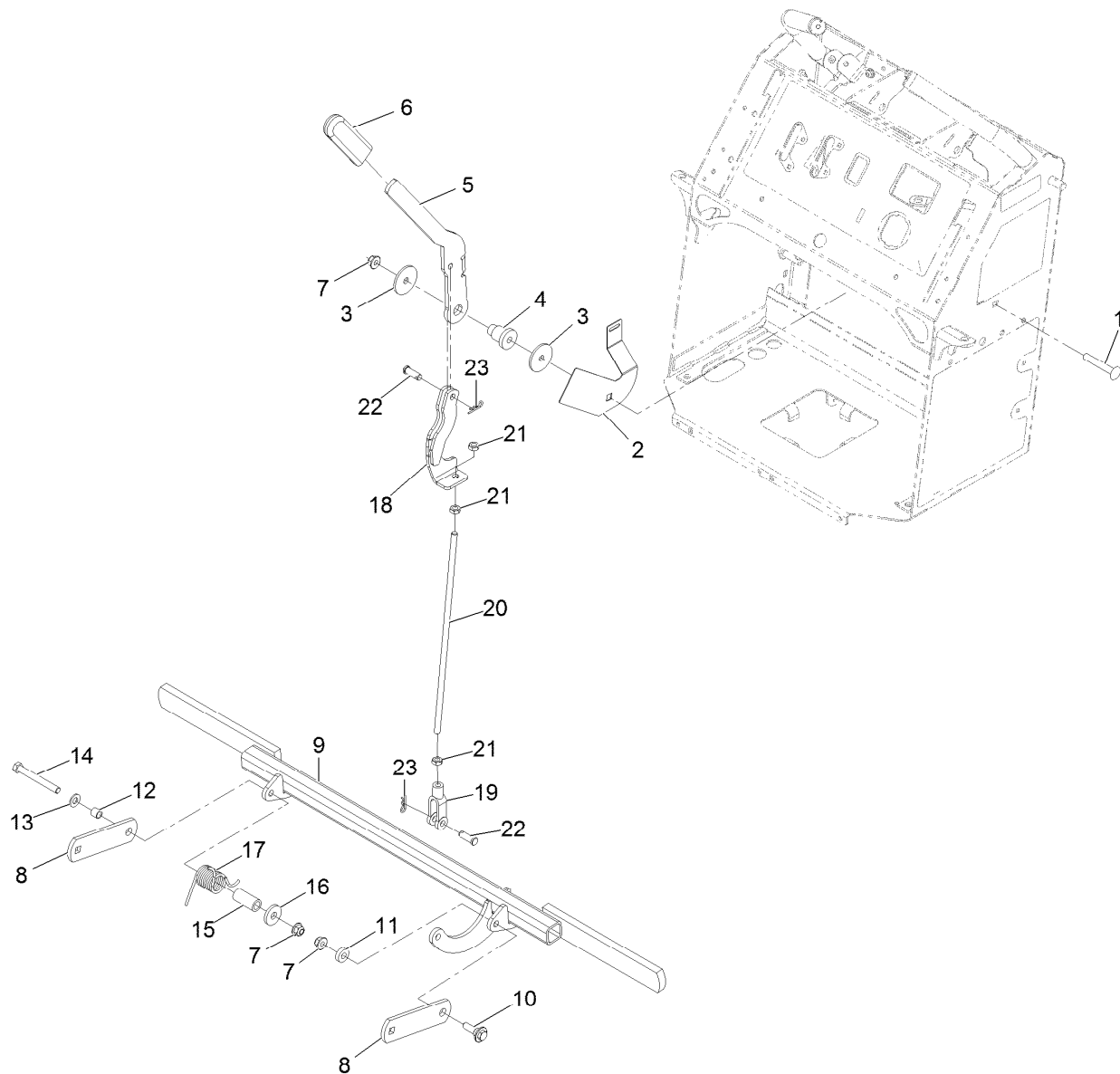
Wheel and Bearing Assembly No. 112-3810 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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

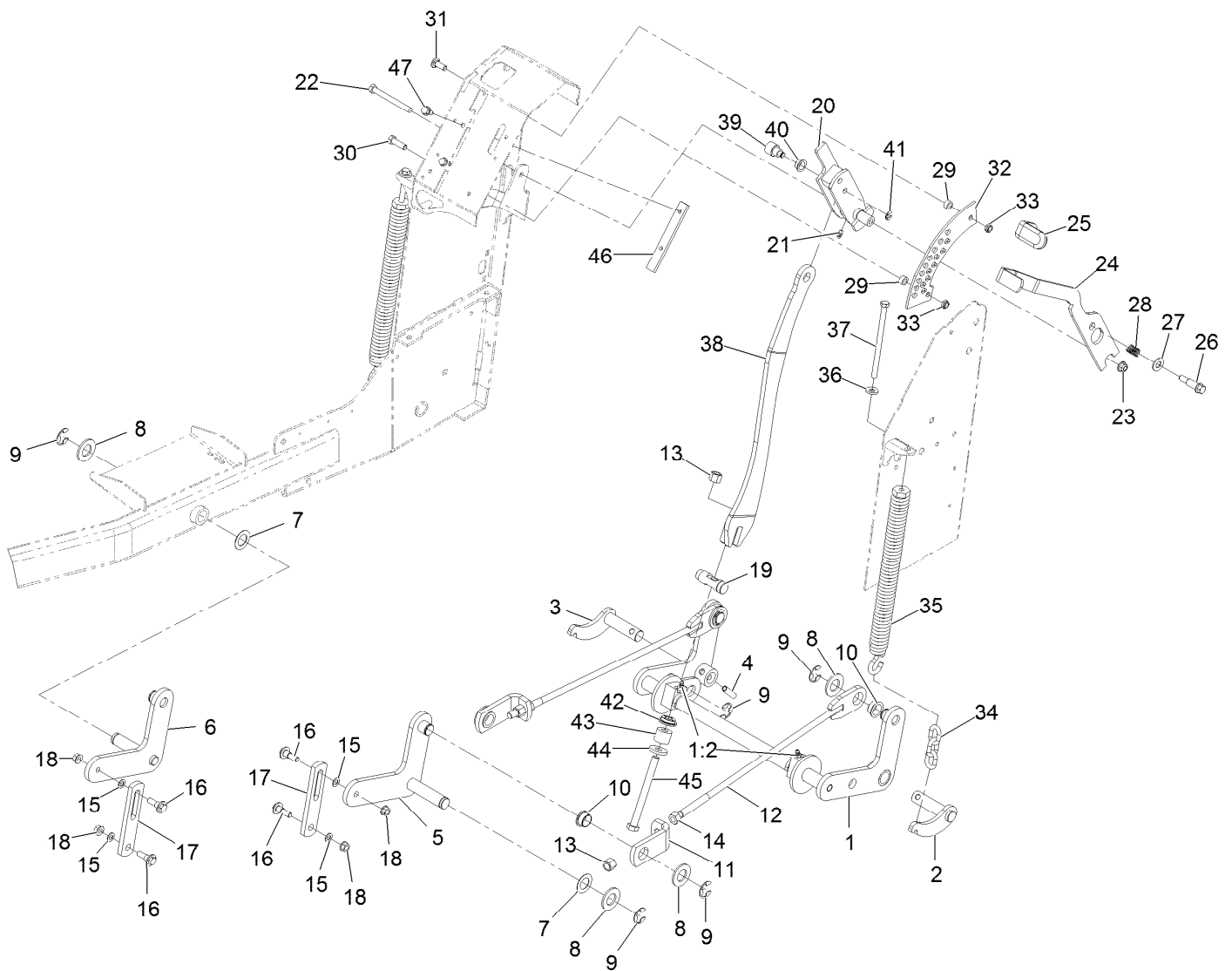
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on spacer nut



Park Brake Assembly

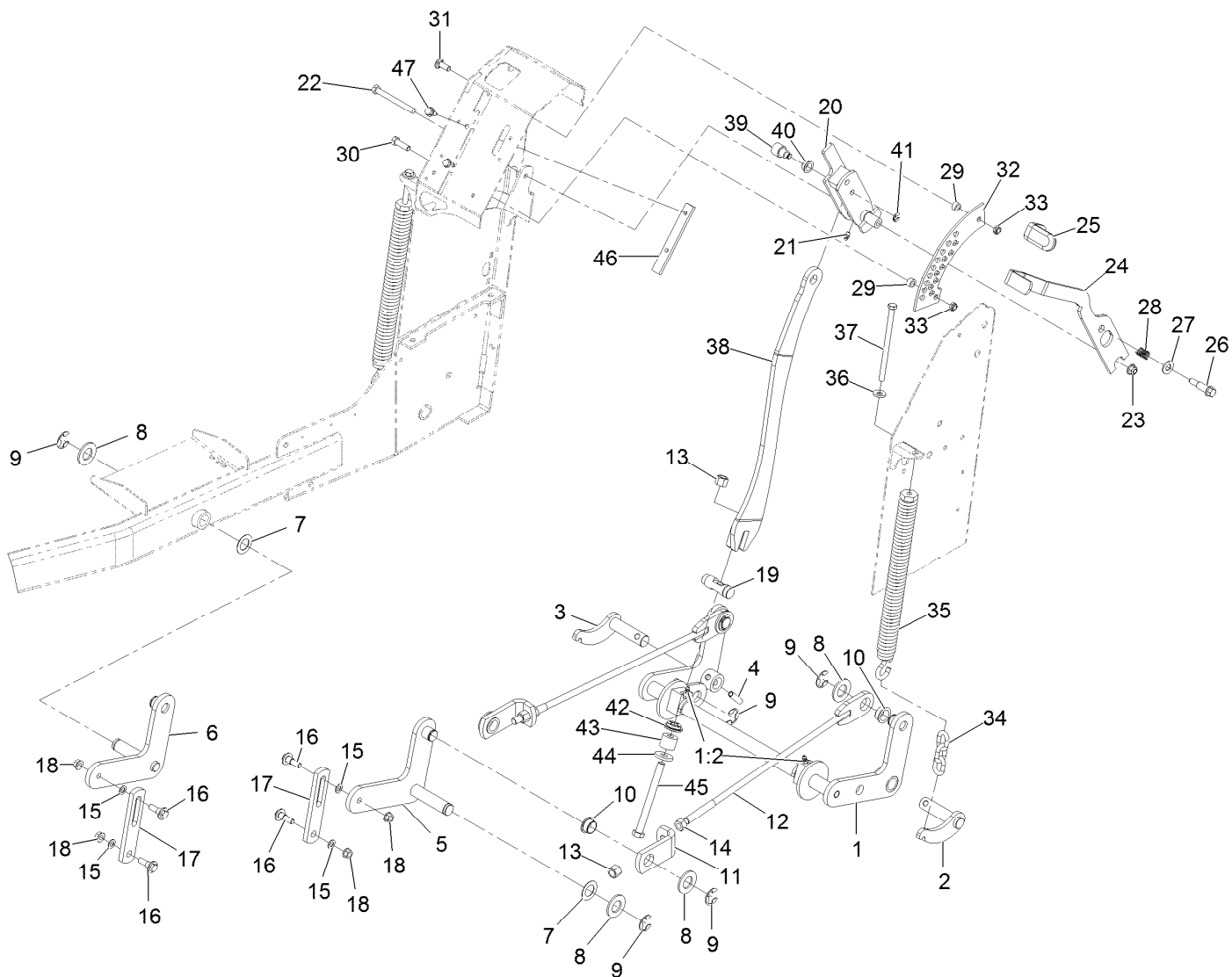
Ref.	Part Number	Qty.	Description
1	3231-44	1	Bolt-Carriage 3/8-16 X 2 1/2
2	117-0452-03	1	Plate-Switch, Brake
3	63-7400	2	Washer-Rebound
4	106-3214	1	Mount-Pulley
5	117-5759-03	1	Lever-Brake
6	1-633268	1	Grip-Lever
7	104-8301	3	Nut-Nyloc 3/8-16 Flg
8	114-5186-01	2	Support-Brake
9	119-8730-03	1	Bar-Brake
10	614672	1	Screw-Shoulder 3/8-16 X 1.295
11	5-0652	1	Spacer

Ref.	Part Number	Qty.	Description
12	117-9684	1	Spacer
13	3256-24	1	Washer-3/8 Sae
14	323-20	1	Screw-HH 3/8-16 X 3-1/4
15	117-9683	1	Spacer
16	117-9682	1	Spring-Torsion
17	1-373034	1	Washer
18	119-8780-03	1	Arm-Brake
19	1-633131	1	Yoke-Linkage, Brake
20	119-7244	1	Rod-Brake
21	3220-3	3	Nut-Jam 3/8-24
22	283-2	2	Pin-Clevis 3/8 X 1 1/6
23	3290-307	2	Pin-Cotter



Deck Lift Assembly

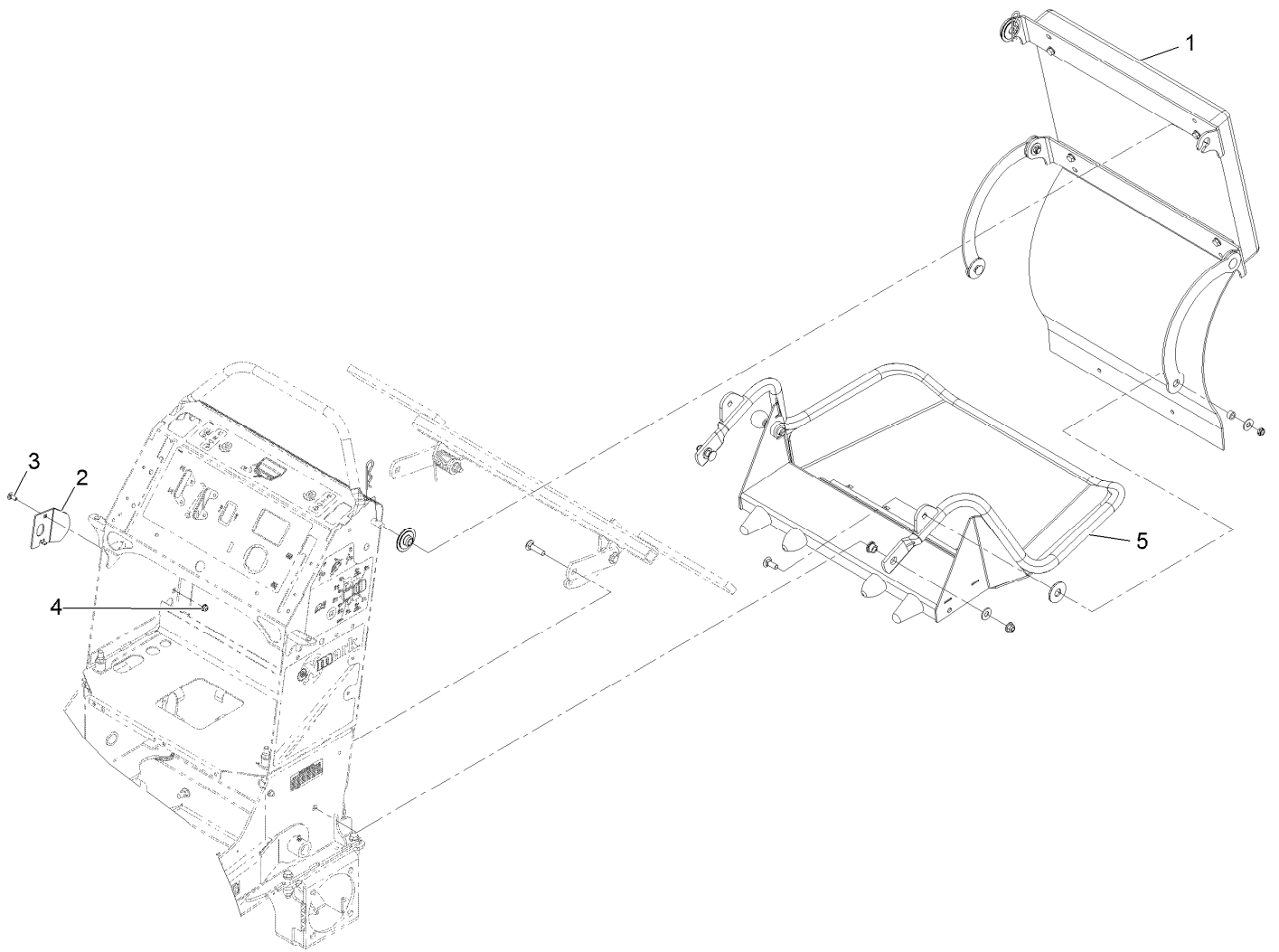
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	116-3103	1	Rear Crossshaft ASM	19	114-5274	1	Pin-HOC
1:2	302-11	2	Zerk-45° 1/4-28	20	114-3512	1	HOC Handle ASM
2	116-3104-01	1	Shaft-Pivot, LH	21	302-5	1	Zerk 1/4-28 Str Thrd Forming
3	116-3105-01	1	Shaft-Pivot, RH	22	323-42	1	Screw-HH 3/8-16 X 3 3/4
4	116-3107	2	Pin-Spiral	23	104-8301	1	Nut-Nyloc 3/8-16 Flg
5	121-5993-01	1	Arm-Lift, LH	24	114-1878-03	1	Lever-HOC
6	121-5994-01	1	Arm-Lift, RH	25	1-633268	1	Grip-Lever
7	110-6767	2	Washer-Thrust	26	66-0561	1	Screw-Shoulder
8	3256-29	6	Washer-7/8 Sae	27	3256-26	1	Washer-1/2 Sae
9	32151-103	7	E-Ring	28	65-9940	1	Spring
10	116-2909	4	Bearing-Flange	29	111044	2	Bushing
11	116-2901	2	Bracket-Lift Rod	30	323-7	1	Screw-HH 3/8-16 X 1 1/4
12	116-8676	2	Lift Rod ASM	31	3231-22	1	Bolt-Carriage 3/8-16 X 1
13	3296-23	3	Nut-Nyloc 1/2-13	32	114-5307	1	Bracket-HOC
14	3217-9	2	Nut-Hex 1/2-13	33	3296-59	2	Nut-Nyloc 3/8-16 Thin
15	40-1940	4	Washer	34	103-9859	2	Chain-Decklift
16	109-9840	4	Screw-Hex Flange 3/8-16 X .80	35	116-0886	2	Extension Spring ASM
17	117-0519	2	Link-Lift	36	98-5975	2	Washer-Spring Disc 3/8
18	32128-21	4	Nut-3/8-16 Flanged Side Lock	37	323-58	2	Bolt-HH 3/8-16 X 6 Tap
				38	116-2939	1	Bar-Lift



Deck Lift Assembly (continued)

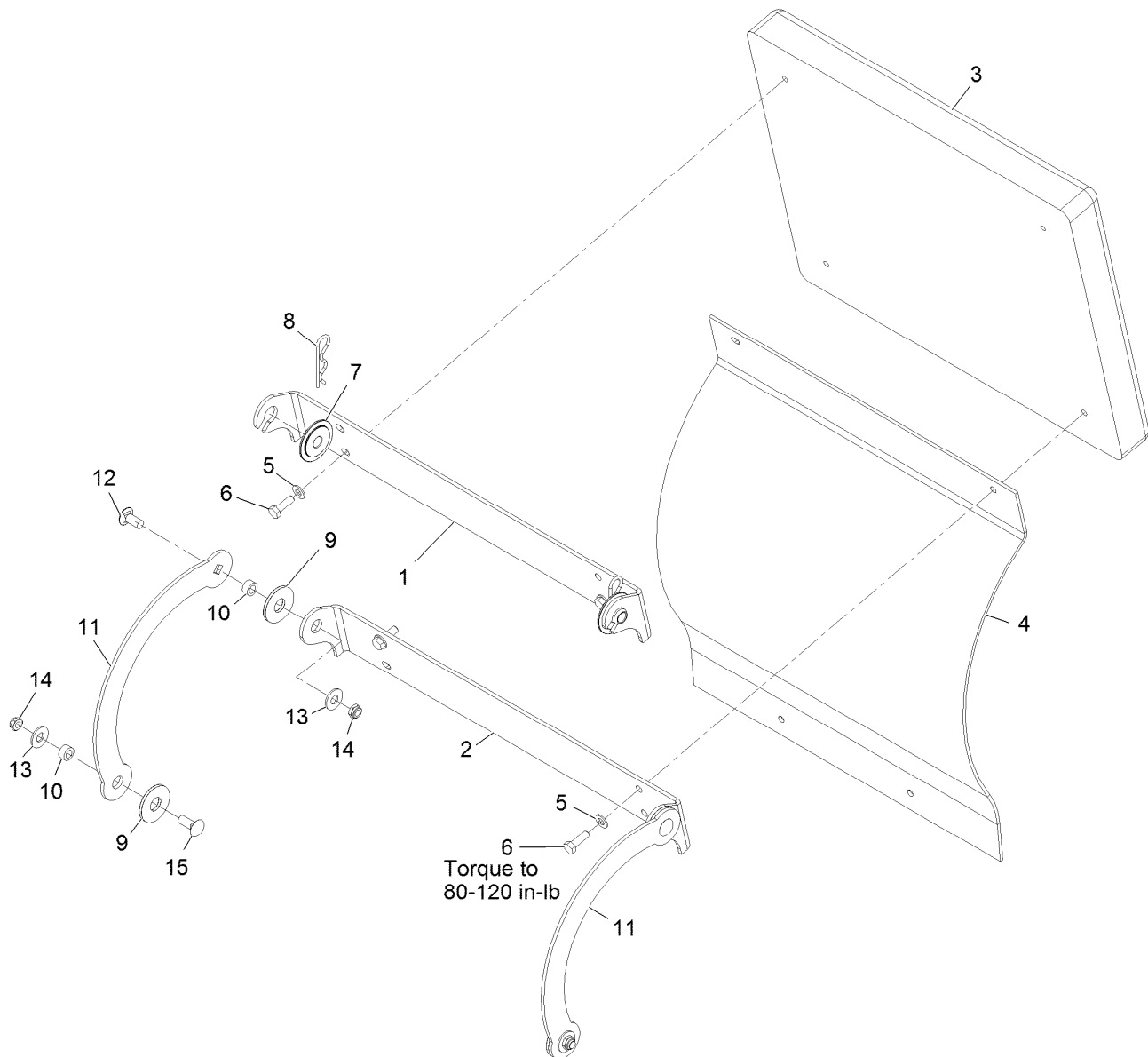
Ref.	Part Number	Qty.	Description
39	116-3048	1	Hub-Pivot
40	116-3047	1	Bearing-Flange
41	32151-47	1	Ring-Retaining
42	116-3625	1	Seat-Spring
43	116-3241	1	Spring-Urethane

Ref.	Part Number	Qty.	Description
44	92-2651	1	Washer
45	325-22	1	Screw-HH 1/2-13 X 5 1/2
46	116-3124	1	Skid-Handle, Lift
47	32144-70	2	Screw-HWH 5/16-18 X 3/4 Tf



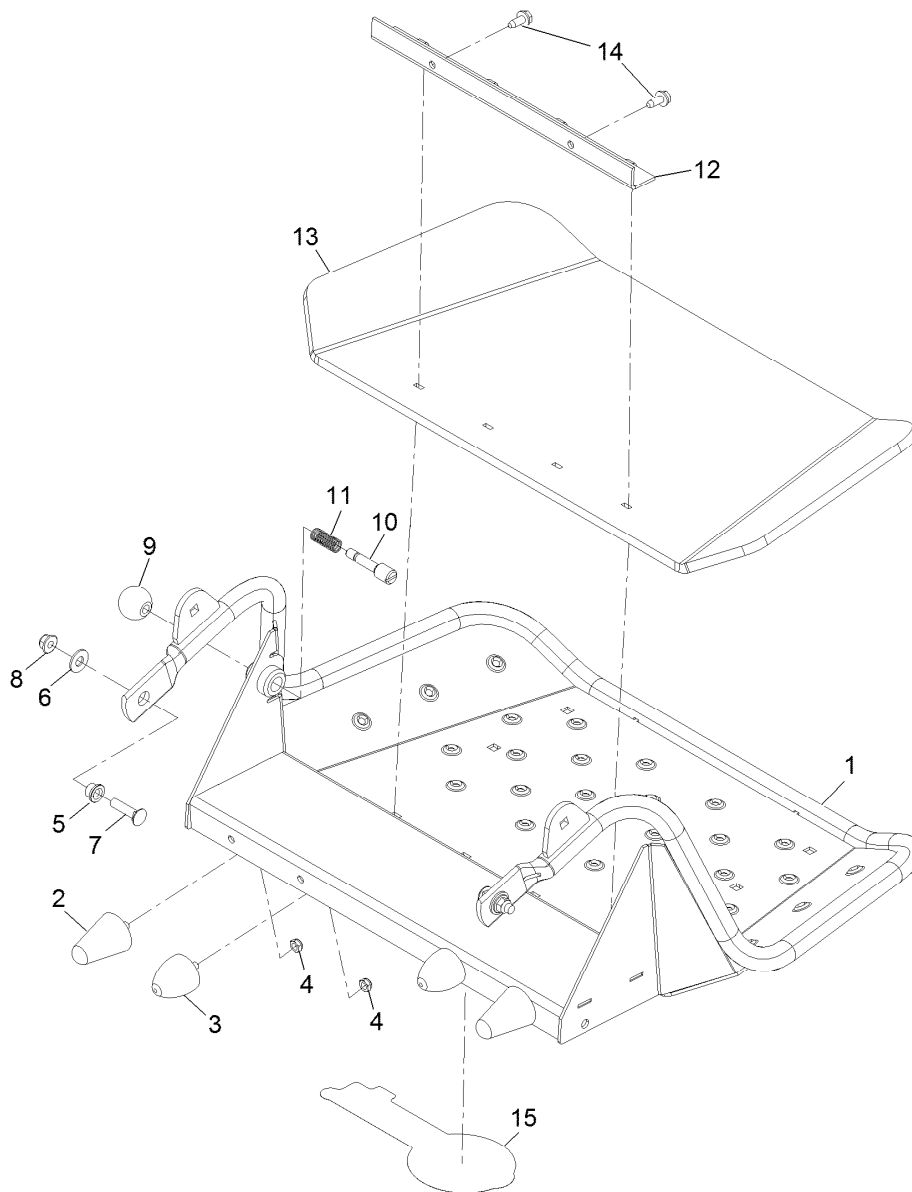
Platform Group

Ref.	Part Number	Qty.	Description
1	126-1210	1	ASM, Cushion
2	119-7312	1	Plate-Striker
3	3229-11	1	Bolt-Carriage 1/4-20 X 5/8
4	104-7201	1	Nut-Nyloc 1/4-20 Flg
5	116-1804	1	ASM,Platform



Cushion Assembly No. 126-1210

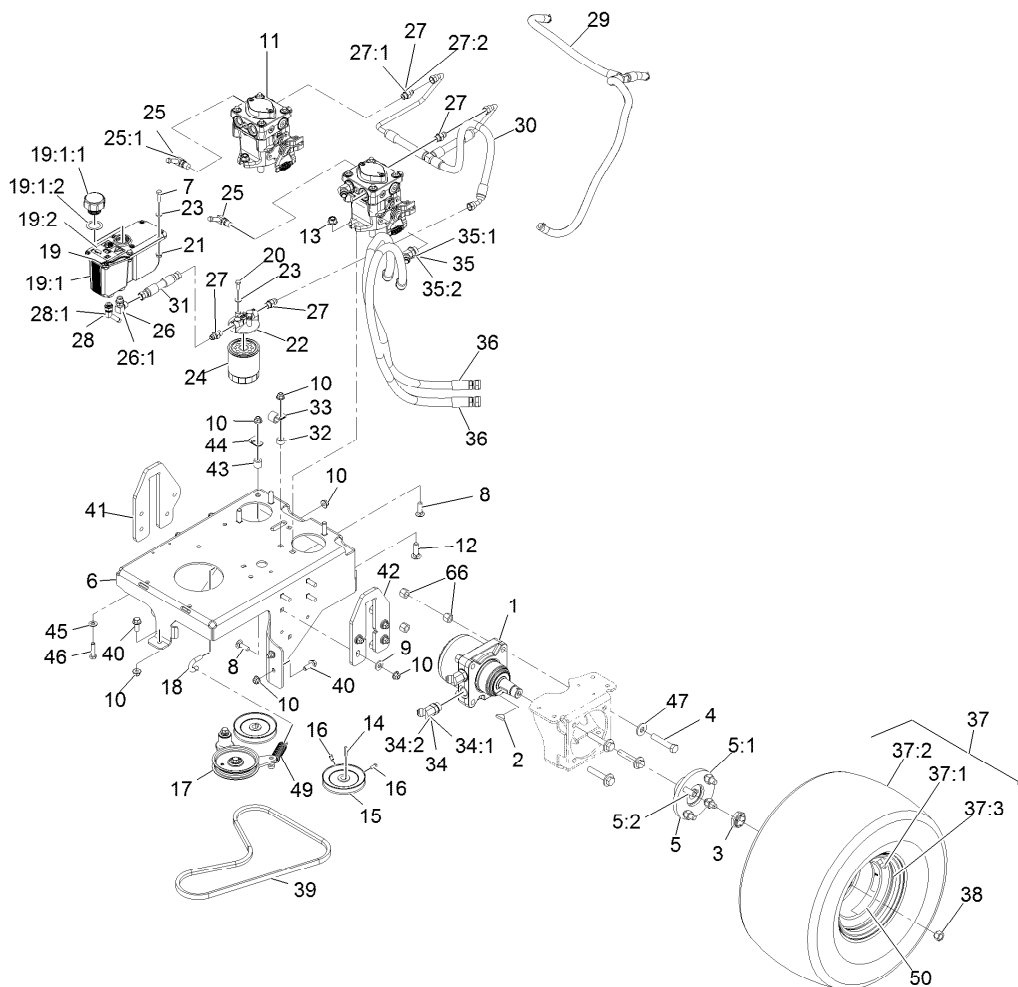
Ref.	Part Number	Qty.	Description
1	116-2757-03	1	Hinge-Pad
2	116-2061-03	1	Hinge-Pad
3	116-1790	1	Pad,Grey Cushion
4	126-0362	1	Shield, Rear
5	3256-23	4	Washer-5/16 Sae
6	116-0648	4	Screw-HH 5/16-18 X 1 W/Patch
7	116-2886	2	Slide-Bushing
8	3290-355	2	Pin-Hair
9	114-0463	4	Washer-Friction, Composite
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. 116-1804

Ref.	Part Number	Qty.	Description
1	117-9641-03	1	Platform ASM
2	114-1925	2	Bumper-Rubber
3	114-1926	2	Bumper-Rubber
4	3296-47	4	Nut-Nyloc 5/16-18 Thin
5	109-8788	2	Bushing-Flanged
6	3256-4	2	Washer-3/8 Std
7	3231-4	2	Bolt-Carriage 3/8-16 X 1 1/2
8	104-8301	2	Nut-Nyloc 3/8-16 Flg
9	1-603175	1	Knob-Ball
10	119-8650	1	Pin-Latch ●
11	114-5348	1	Spring
12	114-1920-03	1	Clamp-Shield
13	114-5349	1	Mat-Foot
14	32144-70	2	Screw-HWH 5/16-18 X 3/4 Tf
15	1-653546	1	Decal, Exmark

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



Ground Drive Assembly

Ref.	Part Number	Qty.	Description
1	126-0524	2	Motor-Wheel
2	3257-8	2	Key-Woodruff
3	116-1399	2	Locknut
4	325-11	8	Screw-HH 1/2-13 X 2 3/4
5	18-3209	2	Wheel Hub / Stud ASM
5:1	10-6870-03	1	Hub-Wheel
5:2	10-6830	4	Stud-Type, Drive
6	116-8525-01	1	Base, Engine [red]
7	321-6	2	Screw-HH 1/4-20 X 1
8	3231-25	9	Bolt-Carriage 3/8-16 X 1 1/4
9	98-5975	8	Washer-Spring Disc 3/8
10	104-8301	16	Nut-Nyloc 3/8-16 Flg
11	116-2572	2	Pump - Hydraulic
12	3232-3	4	Bolt-Carriage 7/16-14 X 1 1/2
13	114-8417	4	Nut-HF, NI
14	1-807272	2	Key-5Mm X 5Mm X 25Mm
15	105-5648	2	Pulley-Pump ■
16	3241-5	4	Setscrew-SQH 1/4-20 X 5/8
17	116-9980	1	Pump Idler ASM
18	116-8526	1	Anchor, Spring
19	116-2066	1	ASM,Reservoir W/Decals ▲
19:1		1	Reservoir-HYD ●

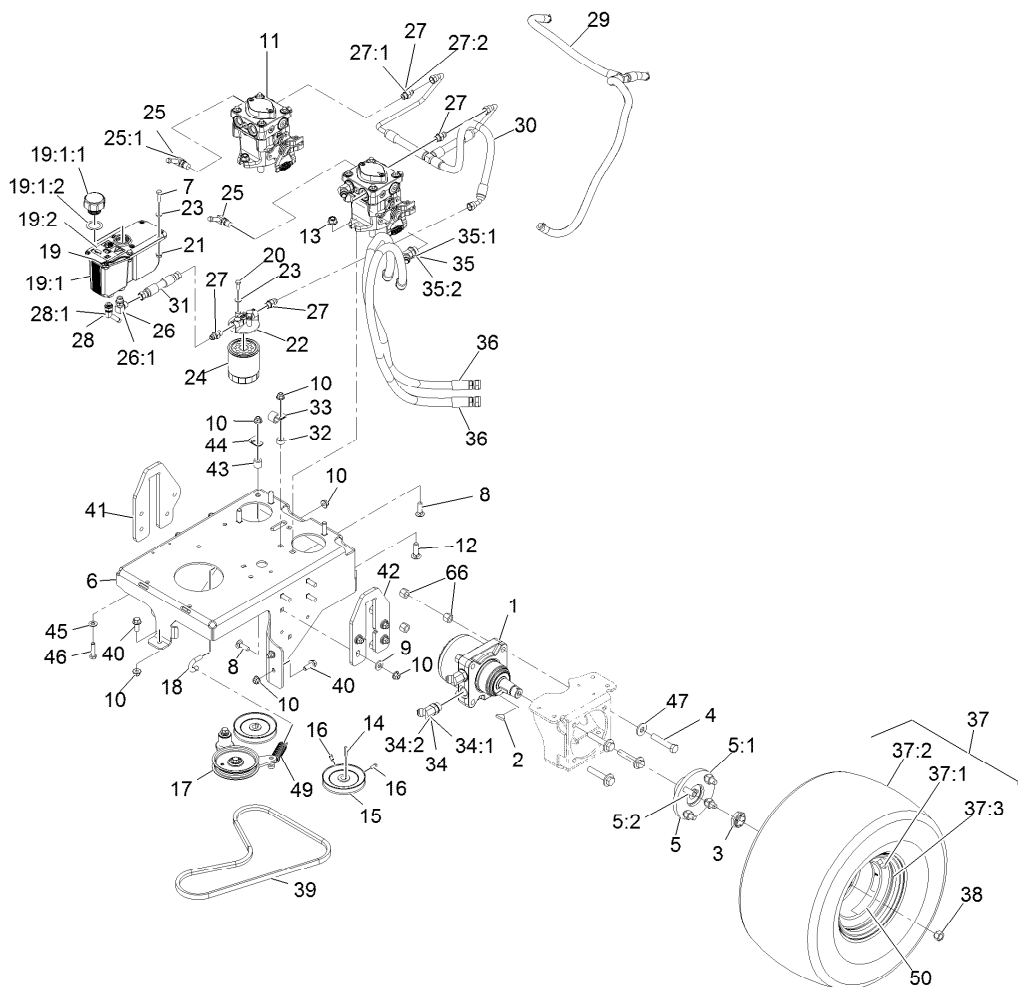
Ref.	Part Number	Qty.	Description
19:1:1	103-1948	1	Cap-Reservoir, HYD
19:1:2	103-1949	1	Gasket-Cap
19:2	115-4212	1	Decal-Warning
20	321-4	2	Screw-HH 1/4-20 X 3/4
21	32128-32	2	Nut-Hex 1/4-20 Side Lock
22	104-7836	1	Filter-Head
23	3256-22	4	Washer-1/4 Sae
24	109-4180	1	Element, Oil Filter
25	100-4887	2	Fitting-Barbed, 90 DEG
25:1	237-42	1	O-Ring
26	103-1802	1	Fitting-HYD, 90 DEG
26:1	1-603921	1	O-Ring-Sae #6
27	103-2156	4	Adapter-Straight
27:1	1-603921	1	O-Ring-Sae #6
27:2	103-1020	1	O-Ring-37 Flare #6
28	103-1807	1	Fitting-Barbed, 45 DEG
28:1	237-42	1	O-Ring
29	116-2579	1	Tank Hose ASM
30	116-2650	1	Hose Assembly - Charge
31	116-2604	1	HYD Hose ASM
32	1-653069	1	Spacer-Wheel
33	1-633396	1	Clip-Loom 5/8
34	1-523222	4	Fitting-HYD, 45 DEG
34:1	1-603919	1	O-Ring-Sae #10

● 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
34:2	1-603992	1	O-Ring-37 Flare #8
35	1-523221	4	Fitting-HYD, 45 DEG
35:1	1-603920	1	O-Ring-Sae #8
35:2	1-603992	1	O-Ring-37 Flare #8
36	116-6902	4	HYD Hose ASM
37	120-6465	2	Wheel/Tire ASM
37:1	116-4605	1	Rim-8 Inch
37:2	120-6466	1	Tire
37:3	232-27	1	Stem-Valve
38	242-50	8	Nut-Lug 1/2-20
39	114567	1	Belt-V
40	3234-42	5	Screw HHF 3/8-16 X 1

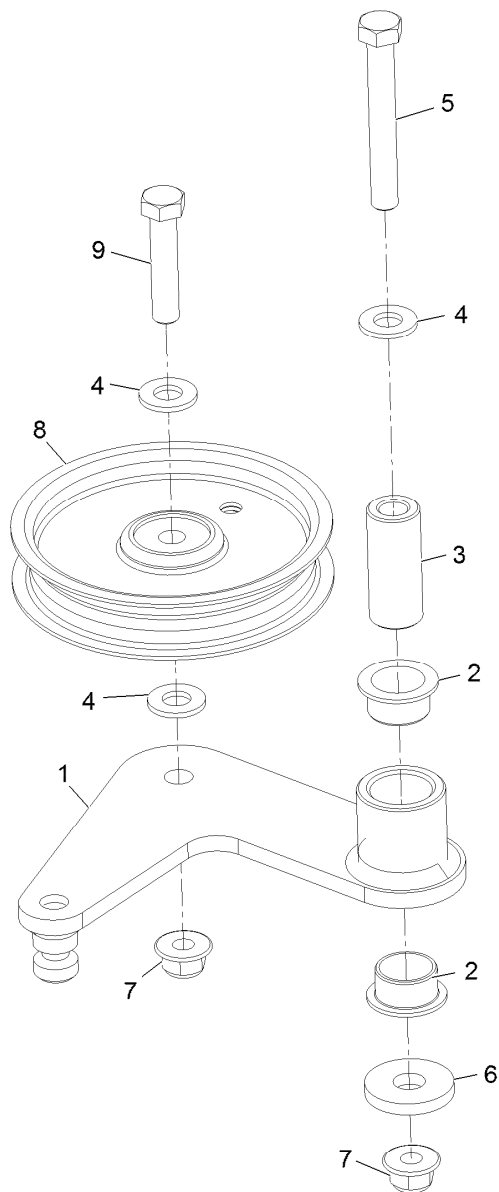
Ref.	Part Number	Qty.	Description
41	116-4922	1	Plate-Lift, RH
42	116-3546	1	Plate, Lift LH
43	121-1760	1	Spacer
44	116-3362	1	Clip-Tube
45	3256-24	1	Washer-3/8 Sae
46	323-8	1	Screw-HH 3/8-16 X 1 1/2
47	1-513435	8	Washer-Spring Disc 1/2
49	108-4056	1	Spring-Extension
50	126-2055	2	Decal-Torque Wheel Lug-Hub
66	3296-23	8	Nut-Lock, NI

● Not serviced separately

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

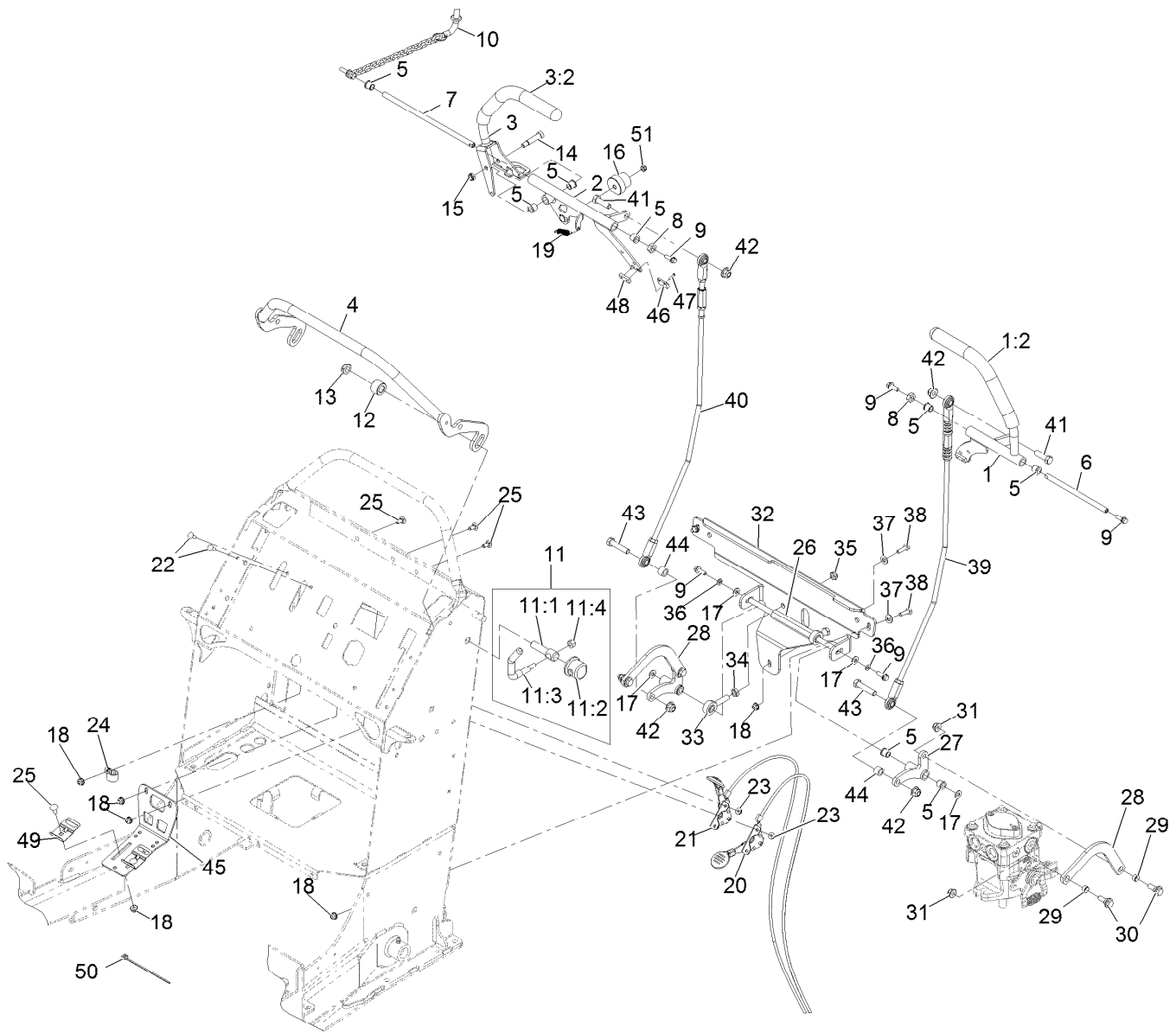
◆ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.

■ Apply anti-seize compound in bore.



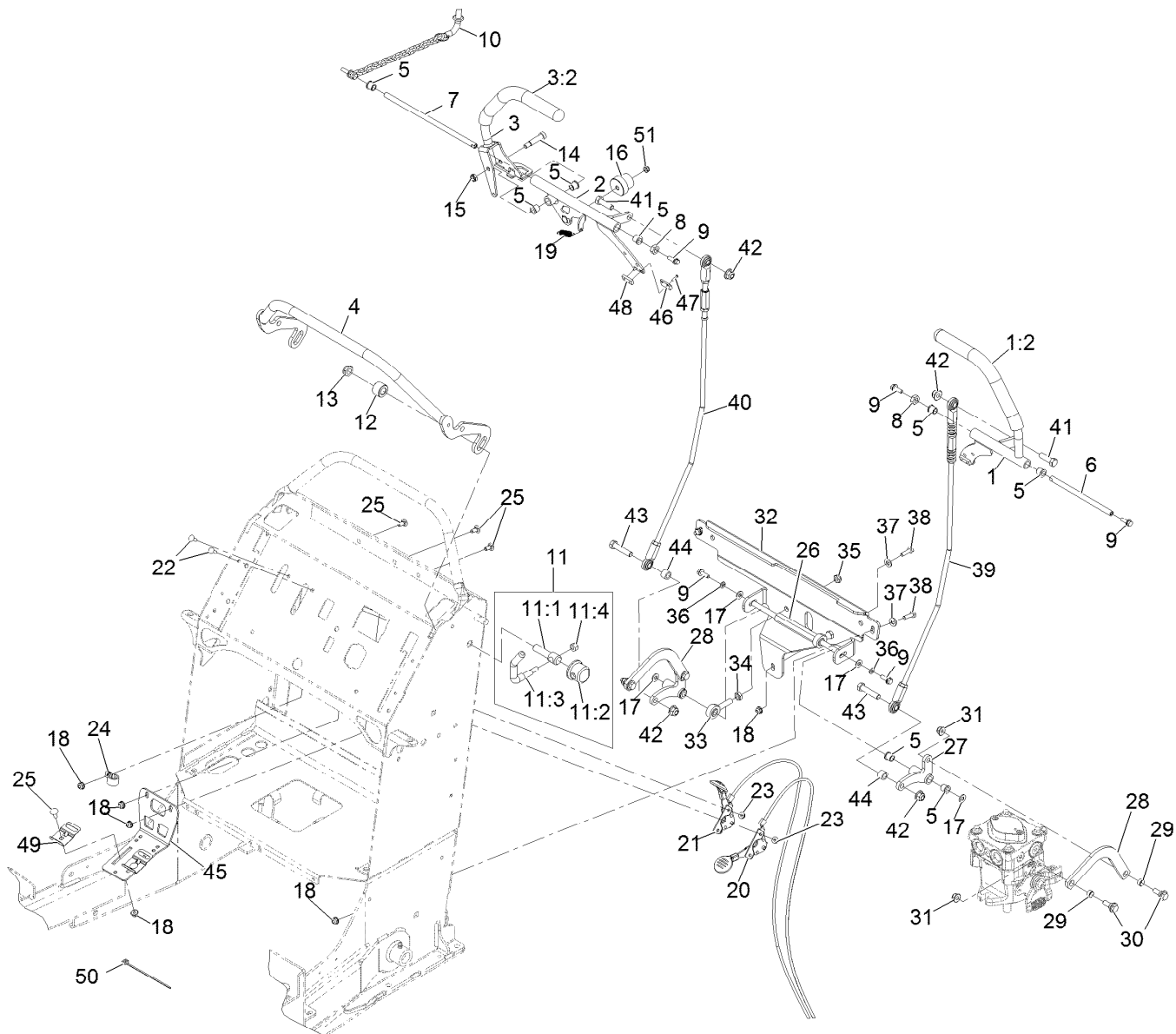
Pump Idler Assembly No. 116-9980

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

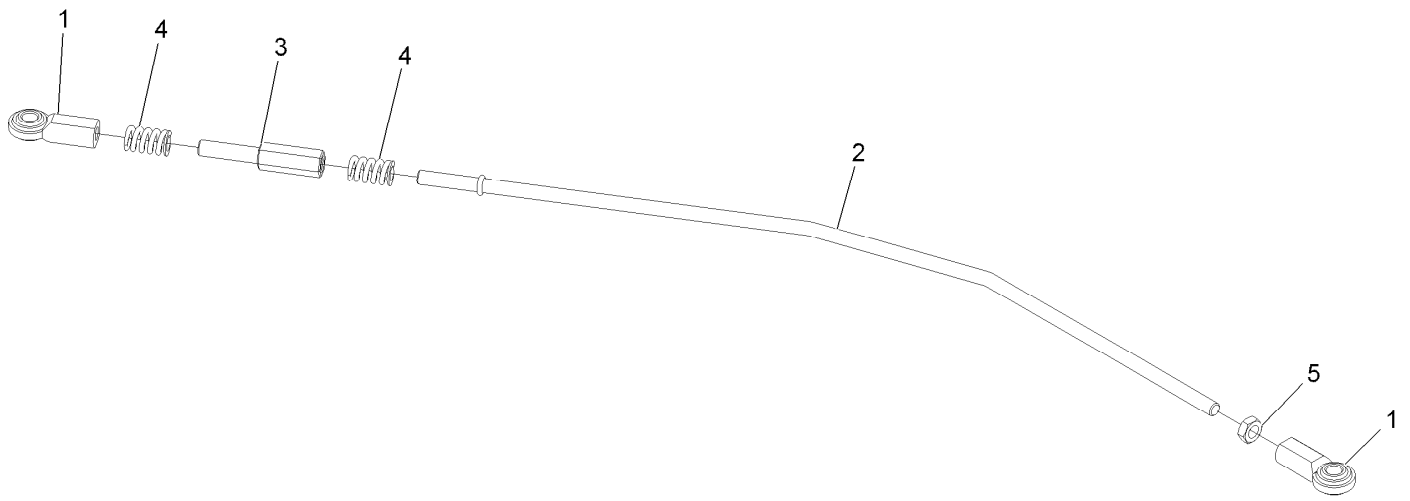
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	116-4970	1	Lever ASM, LH	14	114-0239	1	Screw-Shoulder 5/16-18 X 1/2
1:2	116-2357	1	Grip-Handle, Control	15	3296-47	1	Nut-Nyloc 5/16-18 Thin
2	116-9817-03	1	Weld, Motion Control	16	126-1499	1	Cam
3	116-9815	1	ASM, Lever W/ Grip, Rt	17	3256-22	4	Washer-1/4 Sae
3:2	116-2357	1	Grip-Handle, Control	18	104-7201	8	Nut-Nyloc 1/4-20 Flg
4	116-6985-03	1	Tube ASM, Front Speed Control [	19	114-0249	1	Spring-Extension
5	103-9928	10	Bearing	20	116-4276	1	Control-Throttle
6	116-4978	1	Shaft-Pivot, Motion Control	21	116-4277	1	Control-Choke
7	116-4979	1	Shaft-Pivot, Motion Control	22	1-807533	4	Bolt-Carriage #10-24 X 5/8
8	116-4198	2	Spacer-Shaft, Drive Lever	23	32128-17	4	Nut-Flange #10-24 Top Lock
9	117-8304	5	Screw-Hex Flange 1/4-20 X 3/4	24	2412-87	1	Clamp-Cable
10	114-0409	1	HOC Pin ASM	25	3229-11	5	Bolt-Carriage 1/4-20 X 5/8
11	107-1664	2	Lever ASM	26	116-3119	1	Shaft-Bellcrank Pivot
11:1	106-3239	1	Screw-Lock	27	116-4975	2	Bellcrank-Control, Motion
11:2	107-1644	1	Cap-Lock	28	116-4973	2	Link-Bellcrank, Pump
11:3	106-3241	1	Lever-Lock	29	116-4976	4	Bushing-Sleeve
11:4	3296-29	1	Nut-Nyloc 5/16-18	30	116-2670	4	Screw-Shoulder HHF 5/16-18 X .96
12	116-2319	2	Spacer-Clamp	31	104-8300	4	Nut-Nyloc 5/16-18 Flg
13	3296-45	2	Nut-Nyloc 1/2-13 Thin	32	116-3202-03	1	Bracket-Bellcrank



Control Assembly (continued)

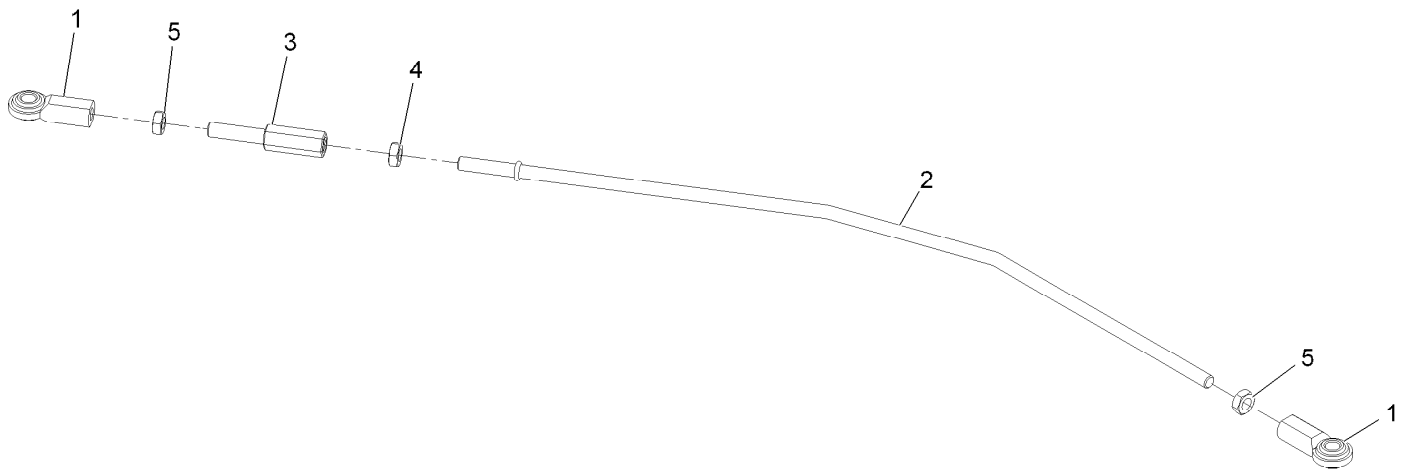
Ref.	Part Number	Qty.	Description
33	1-613204	2	Balljoint
34	3220-3	2	Nut-Jam 3/8-24
35	3296-5	2	Nut-Nyloc 3/8-24 Thin
36	3253-3	2	Washer-Lock 1/4
37	3256-23	3	Washer-5/16 Sae
38	321-5	3	Screw-HH 1/4-20 X 7/8
39	116-4936	1	Linkage-Tracking Control, LH
40	116-4937	1	Linkage-Tracking Control, RH
41	323-7	2	Screw-HH 3/8-16 X 1 1/4

Ref.	Part Number	Qty.	Description
42	104-8301	4	Nut-Nyloc 3/8-16 Flg
43	323-9	2	Screw-HH 3/8-16 X 1 3/4
44	52-2480	2	Spacer-Wheel
45	116-4572	1	Bracket, Reed Switch
46	116-2832	2	Actuator-Switch, Reed
47	116-3330	4	Screw-HH #4-40 X 1/2 W/Nylon
48	116-3227	2	Plate-Tapped
49	116-4573	2	Clamp, Reed Switch
50	3290-378	1	Tie-Cable
51	3296-56	1	Nut-Lock, NI



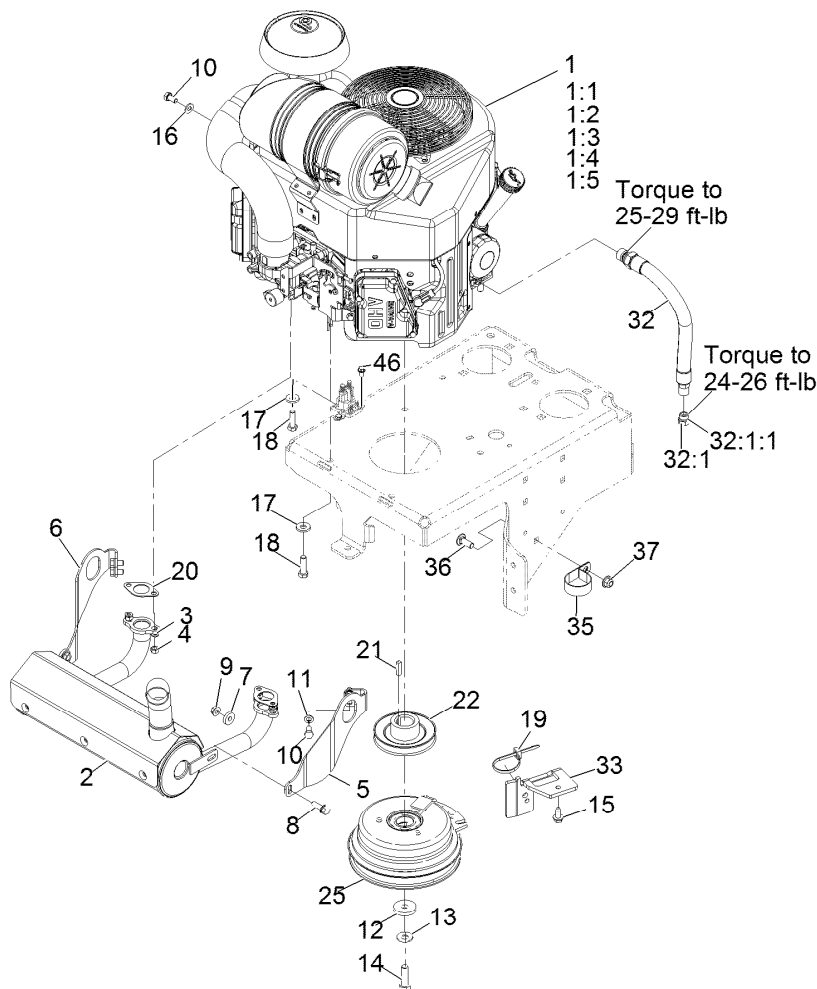
LH Tracking Control Linkage Assembly No. 116-4936

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	103-0608	2	Balljoint
2	116-4938	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. 116-4937

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	103-0608	2	Balljoint
2	116-4938	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

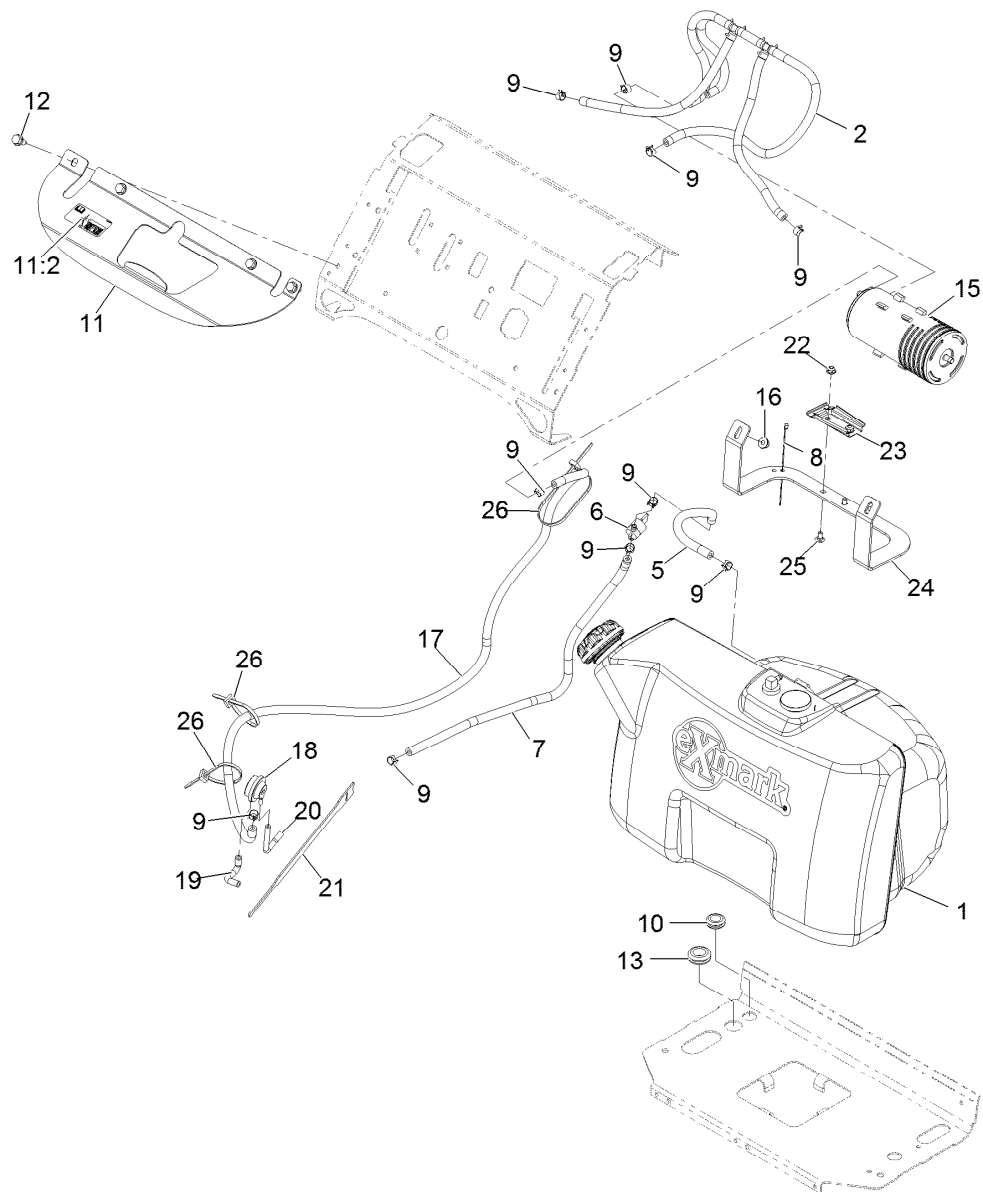
Ref.	Part Number	Qty.	Description
1		1	Engine, Kawasaki Fx691V ● ■
1:1	119-5852	1	Filter-Oil
1:2	92-2153	1	Spark Plug
1:3	119-5944	1	Element-Filter, Air
1:4	119-5945	1	Element-Filter, Air
1:5	125-6445	1	Filter-Fuel
2	116-8747	1	Muffler, Kawasaki, 22-26
3	114-3550	4	Washer-Lock, Spring
4	114-3549	4	Nut-M8
5	116-2353	1	Bracket-Muffler Mount, LH
6	116-2354	1	Bracket-Muffler Mount, RH
7	104-7658	2	Spacer
8	3234-29	2	Screw-HH Flg 5/16-18 X 1
9	32128-25	2	Nut-Hex 5/16-18 Side Lock
10	33114-016	5	Screw-HH M8-1.25 X 16Mm
11	3253-4	4	Washer-Lock 5/16
12	107-4136	1	Washer
13	1-603610	1	Washer-Spring Disc 7/16
14	3212-6	1	Screw-HH 7/16-20 X 1 1/2 ▲

Ref.	Part Number	Qty.	Description
15	32144-70	1	Screw-HWH 5/16-18 X 3/4 Tf
16	33094-00	1	Washer
17	98-5975	3	Washer-Spring Disc 3/8
18	323-7	4	Screw-HH 3/8-16 X 1 1/4
19	3290-378	1	Tie-Cable
20	1-653313	2	Gasket-Exhaust
21	1-807259	1	Key-Machine 1/4 X 1/4 X 1
22	116-3882	1	Pulley
25	116-8517	1	Clutch-200 Ft-Lb, 1.125 Bore - No D Driv
32	116-4924	1	Asm-Hose Oil Drain W/Plug
32:1	353-508	1	Plug-W/O-Ring
32:1:1	237-42	1	O-Ring
33	116-3811-01	1	Bracket-Anchor, Clutch
35	2412-147	1	Clamp
36	3231-22	1	Bolt-Carriage 3/8-16 X 1
37	104-8301	1	Nut-Nyloc 3/8-16 Flg
46	32144-4	2	Screw-HWH 1/4-20 X 1/2 Taptite

● Not serviced separately

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

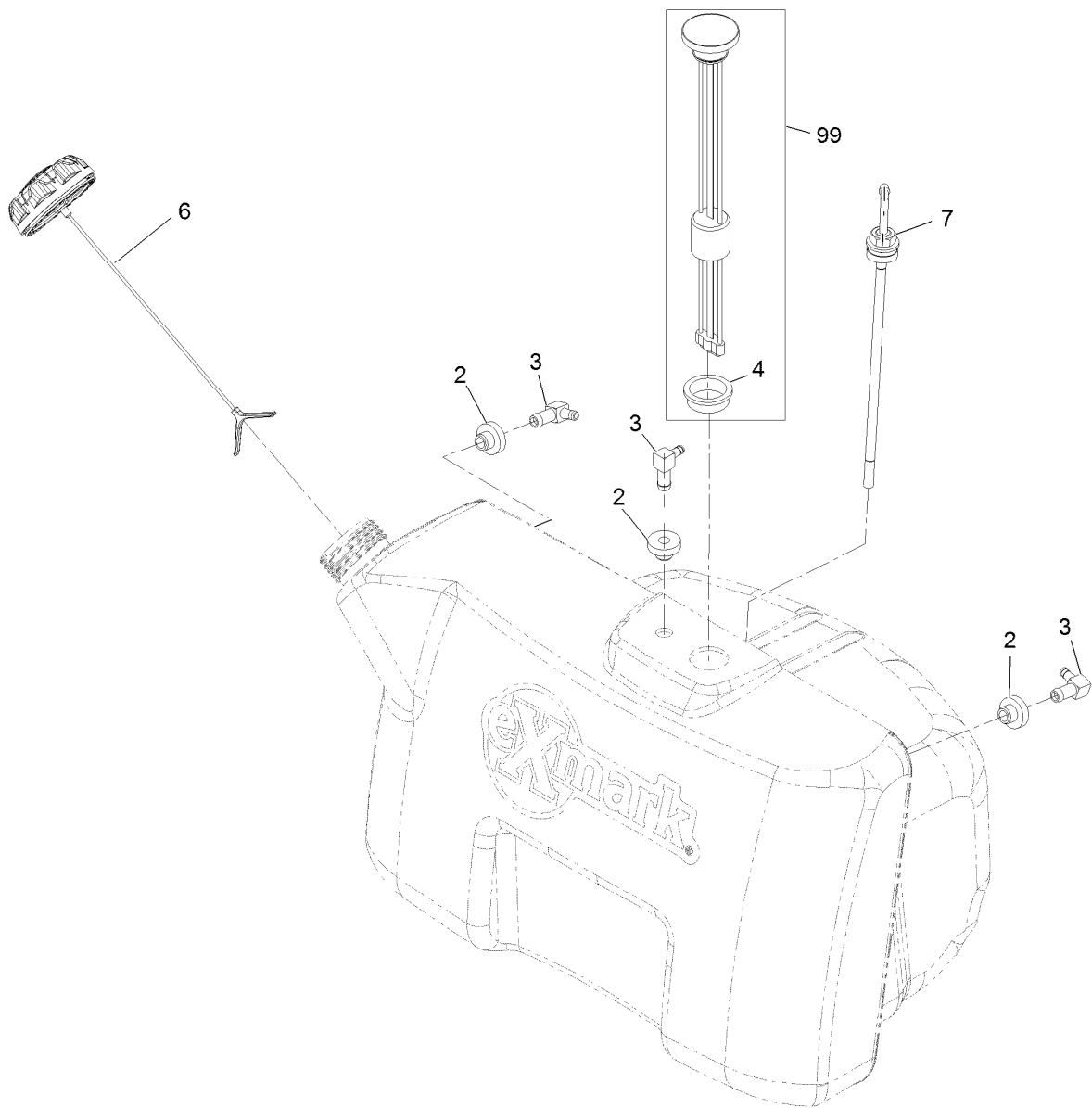
■ Obtain parts from www.kawpowerepc.com



Fuel Tank Mounting Assembly

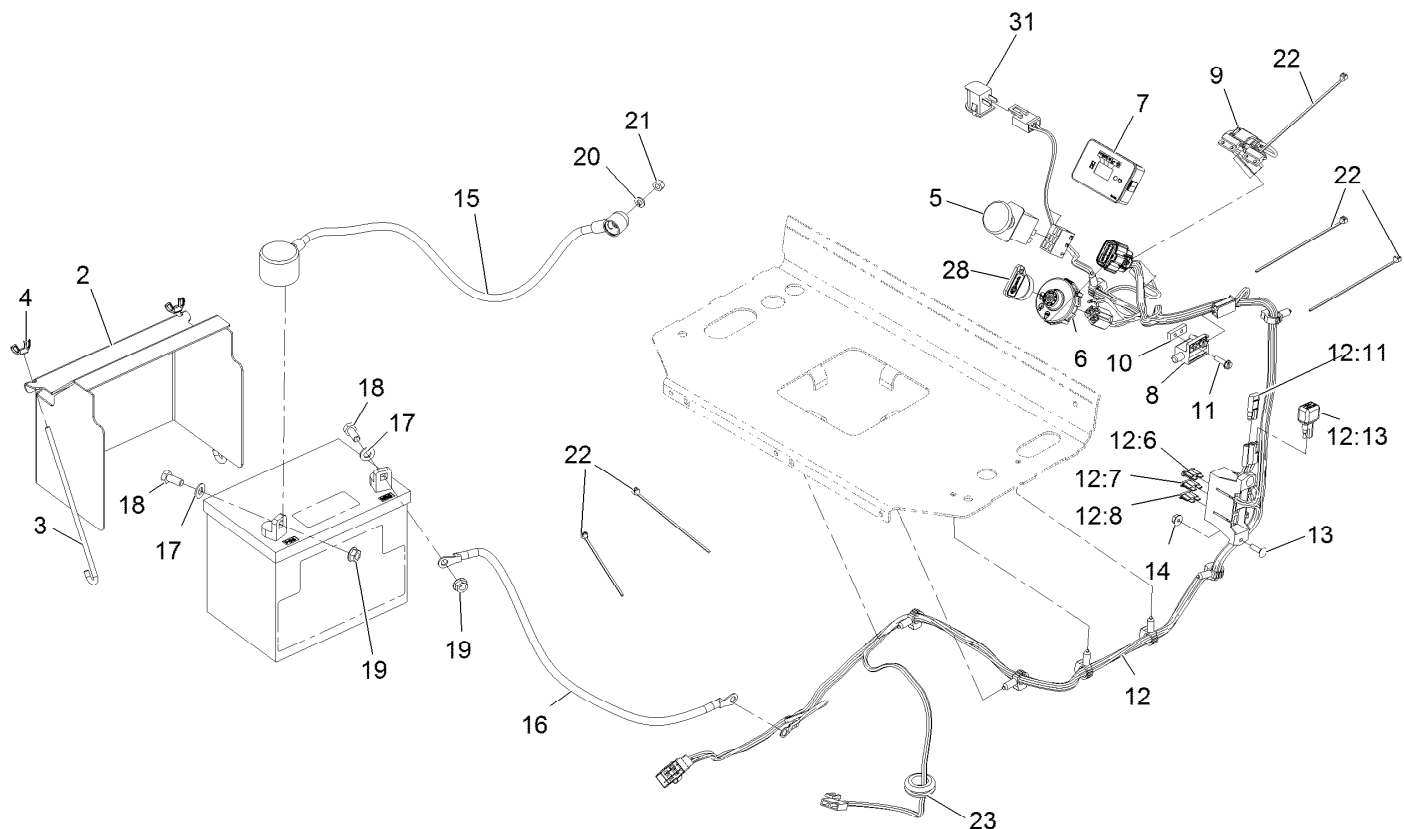
Ref.	Part Number	Qty.	Description
1	116-4577	1	Tank ASM- Exmark
2	116-5170	1	Vent ASM
5	107-9297	1	Hose-Fuel
6	1-603770	1	Valve-Fuel
7	109-0301	1	Hose-Fuel
8	1-303287	1	Tie-Cable 5 1/2 (Small)
9	2412-98	10	Clamp-Hose
10	112-7069	1	Grommet
11	116-3088	1	Bracket-Tank
11:2	116-8775	1	Decal-Fill, Fuel
12	32144-70	4	Screw-HWH 5/16-18 X 3/4 Tf
13	117-2781	1	Grommet

Ref.	Part Number	Qty.	Description
15	117-1221	1	Canister-Carbon, 800Cc
16	104-8300	2	Nut-Nyloc 5/16-18 Flg
17	63-9720	1	Hose-Fuel
18	116-2232	1	Valve-Control, Vacuum
19	119-8502	1	Hose-Vent, Formed
20	119-8501	1	Hose-Vent, Formed
21	116-2469	1	Strap-Velcro, Cable Tie
22	104-7201	2	Nut-Nyloc 1/4-20 Flg
23	114-0292	1	Bracket-Canister, Carbon
24	116-5600-03	1	Bracket-Canister Mounting
25	116-5611	2	Bolt-Carriage 1/4-20 X 1/2 Short Neck
26	3290-378	3	Tie-Cable



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	117-0543-01	1	Cover-Battery
3	1-633651	2	Bolt-Holddown
4	1-543792	2	Wingnut-Nyloc 1/4-20
5	114-0279	1	Switch-PTO
6	117-2222	1	Switch-Ignition
7	117-3886	1	Module-Hour Meter
8	1-513152	1	Switch-Closed, Normally
9	116-2833	1	Harness-Switch, Reed
10	1-633181	1	Plate-Tapped
11	32105-13	2	Screw-HWH #10-24 X 3/4
12	126-1215	1	Harness, Wire ●
12:6	109103	1	Fuse-Blade, 30 Amp
12:7	109102	1	Fuse-Blade, 25 Amp
12:8	218-578	1	Fuse-Blade, 10 Amp
12:11	116-0053	1	Cap-Plug

Ref.	Part Number	Qty.	Description
12:13	103-3895	1	Diode-Tvs
13	3229-20	2	Screw-CARR
14	3290-148	2	Nut-Whizlock #10-24
15	115-3864	1	Cable-Battery, Positive
16	105-0836	1	Cable-Battery, Black
17	3256-23	2	Washer-5/16 Sae
18	322-3	2	Screw-HH 5/16-18 X 3/4
19	109-5715	2	Nut-Hex Flange 5/16-18
20	3253-3	1	Washer-Lock 1/4
21	3217-5	1	Nut-Hex 1/4-20
22	1-303287	5	Tie-Cable 5 1/2 (Small)
23	117-2781	1	Grommet
28	103-2106	1	Key-Exmark Logo
31	82-2190	1	Switch-Bail

● 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.

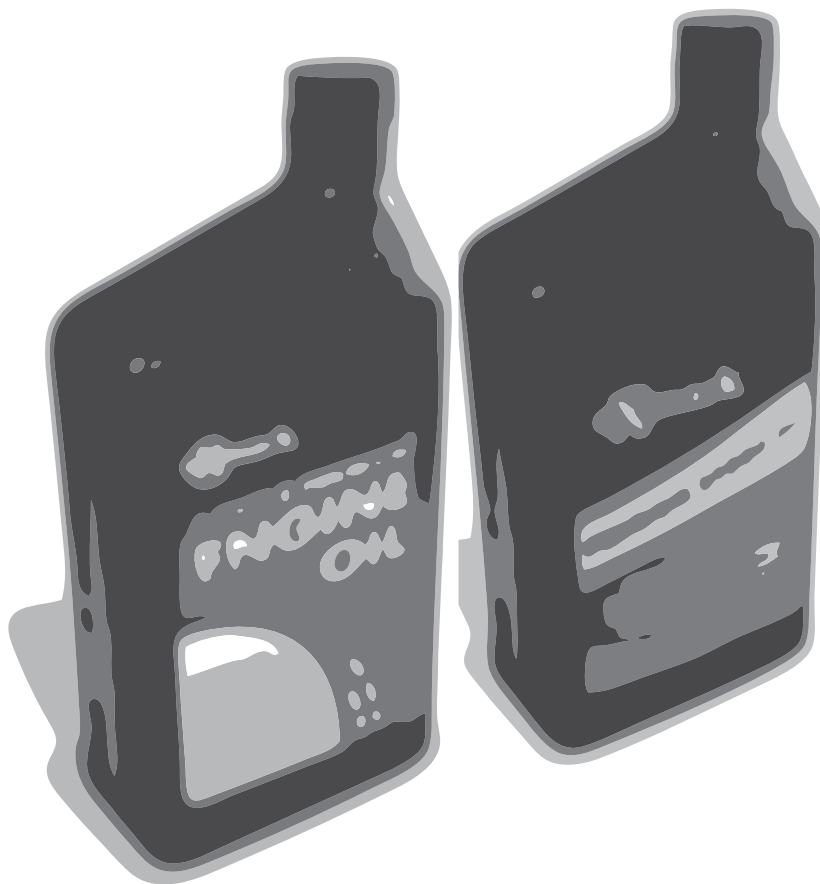
PREMIUM HYDRO OIL

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
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Engine Model No. and Spec. No. _____

Engine Serial No. (E/No) _____

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