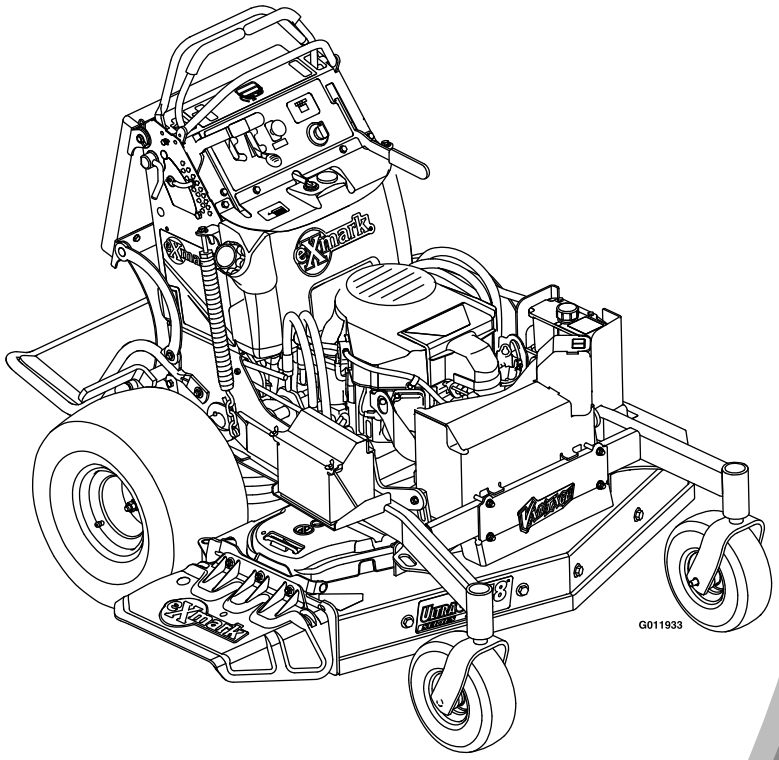
Parts Manual

VANTAGE™

Model No. VT24KA524—Serial No. 920000 and Up

Picture below may not reflect actual product.



Part No. 4500-841 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

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: Liquid Propane

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).

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Industrial Park Box 808
Beatrice, NE 68310

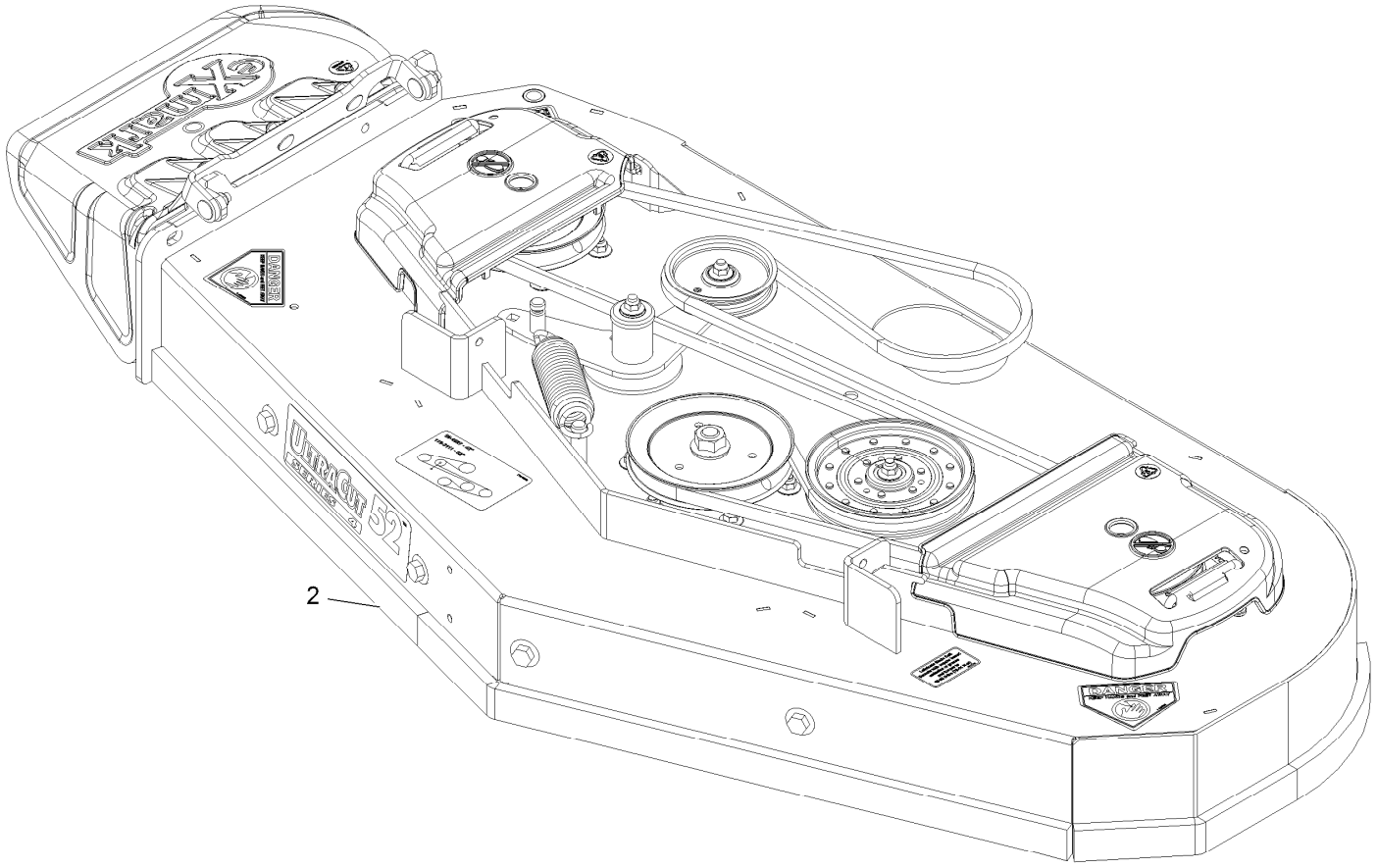
Contact us at www.Exmark.com.
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If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark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

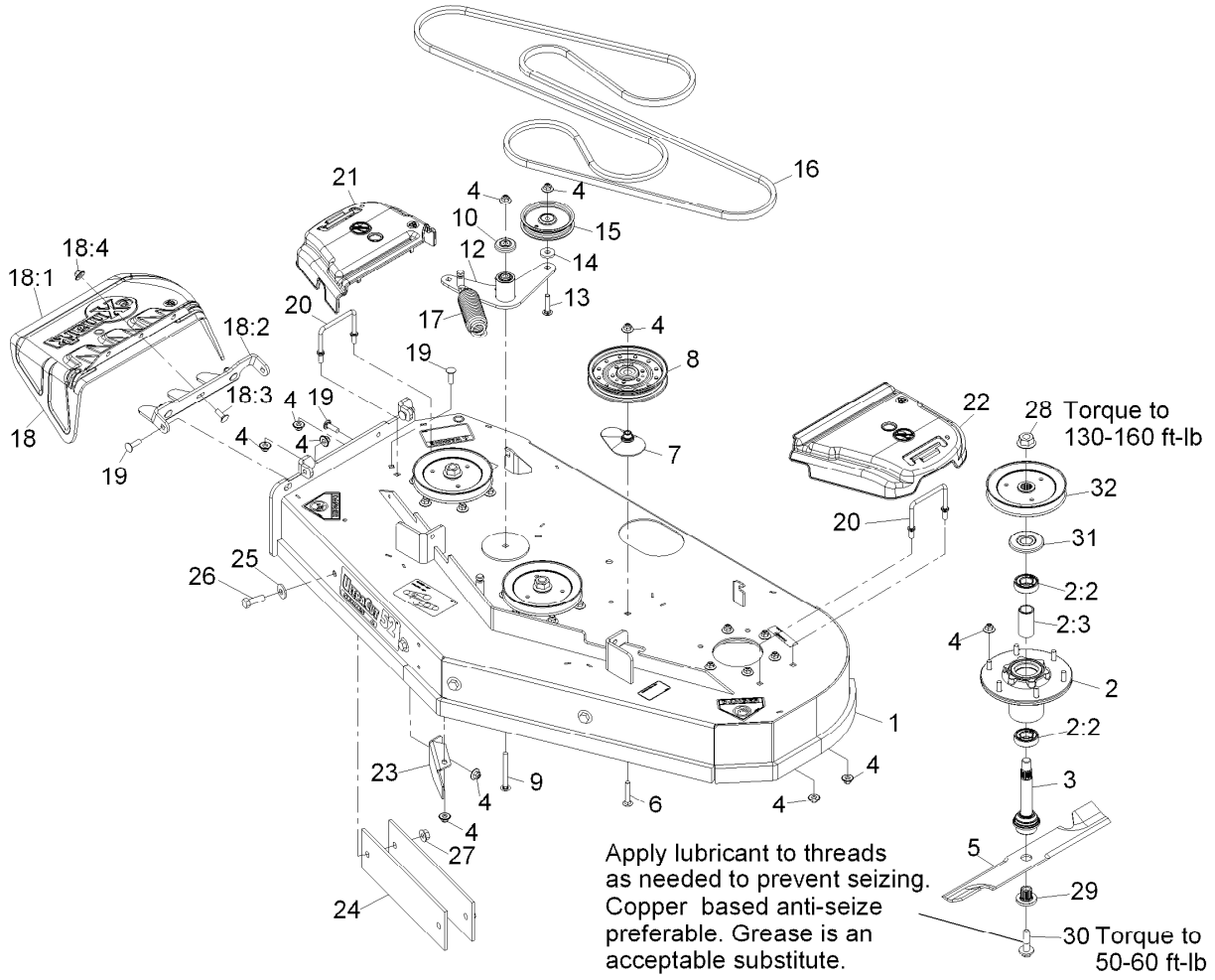
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Complete Deck Assembly

Ref.	*Part Number*	*Qty.*	*Description*
2	116-5012	1	ASM-Deck Complete 524

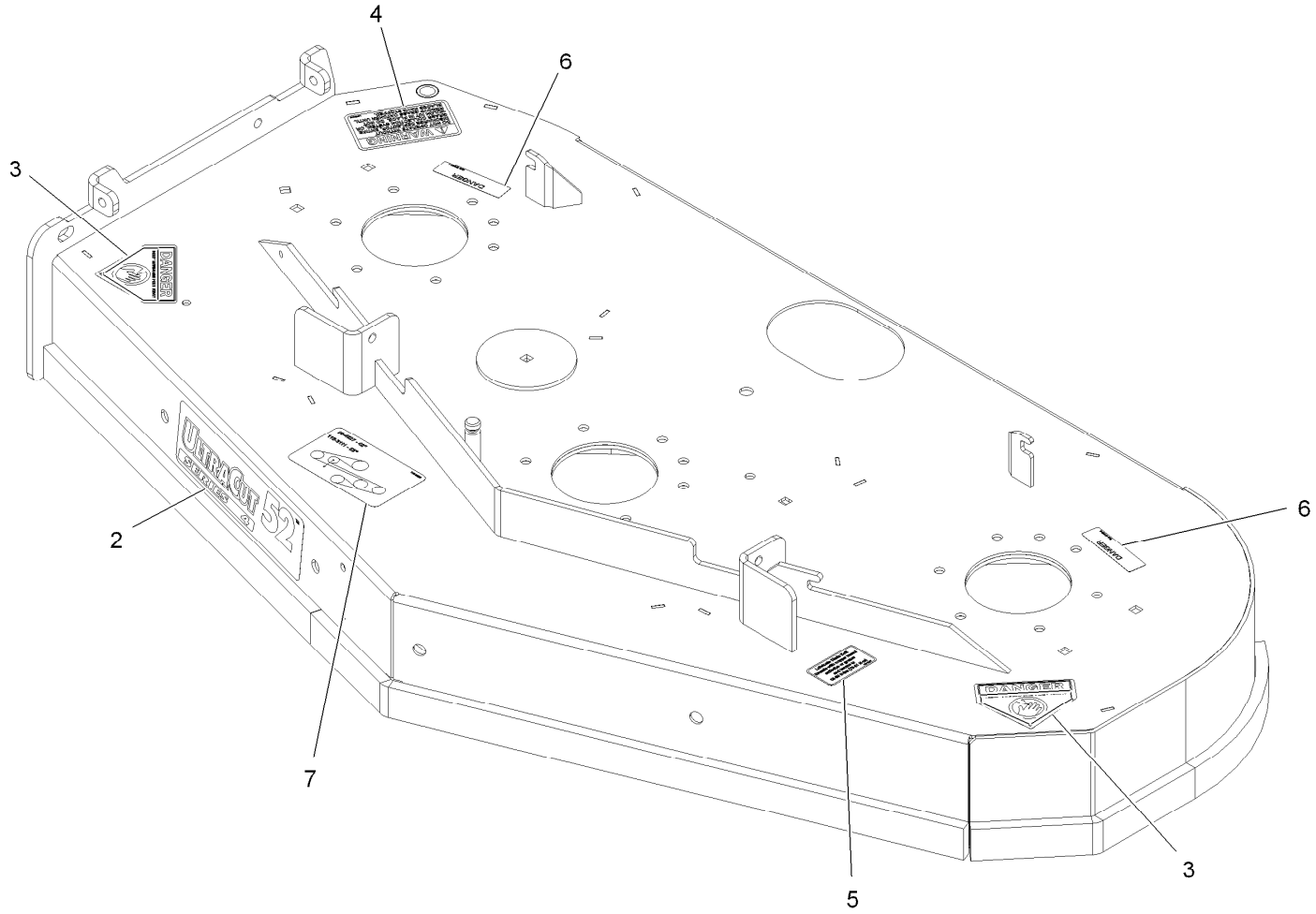


Deck Assembly

Ref.	Part Number	Qty.	Description
1	116-4001	1	Deck ASM-524
2	116-3344	3	ASM-Cutter Hsg With Bearings
2:2	116-0720	2	Bearing-Ball, 25Mm
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	103-6397	3	Blade, Extreme 18.0 (.94 Hole)
5	103-6402	3	Blade-Notched
5	103-6392	3	Blade, Mulch 18.0 (.94 Hole) ●
5	103-6382	3	Blade, Solid 18.0 (.94 Hole)
5	103-6387	3	Blade, Low Lift 18.0 (.94 Hole)
6	3231-7	1	Bolt-Carriage 3/8-16 X 2 1/4
7	109-2872	1	Spacer-Pulley
8	1-633109	1	Idler-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

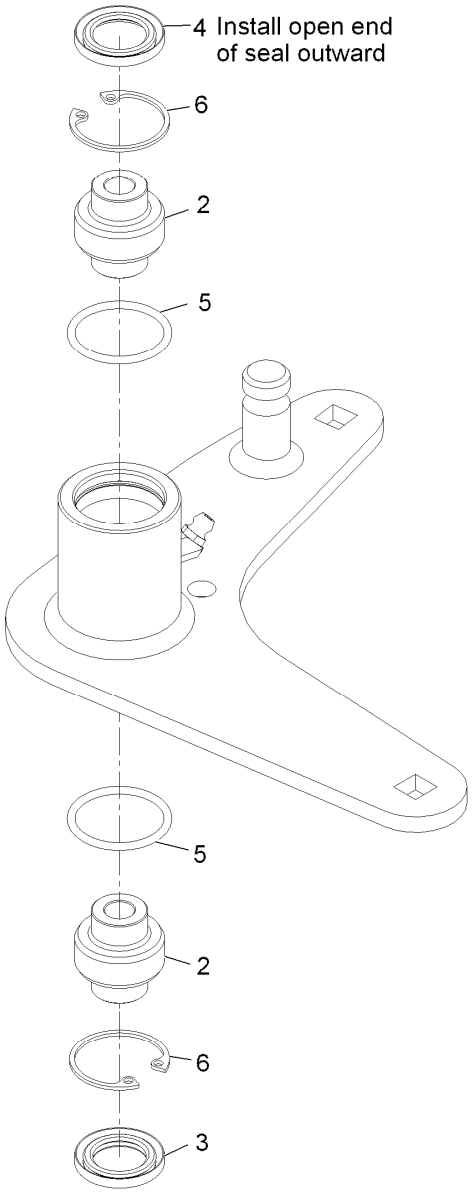
Ref.	Part Number	Qty.	Description
15	93-1622	1	Pulley-Idler
16	116-3111	1	Belt-B158.0
17	116-0133	1	Extension-Spring
18	109-7188	1	ASM,Discharge Chute
18:1	109-2738	1	Chute,Discharge
18:2	109-8675-01	1	Bracket,Discharge Chute
18:3	3231-22	3	Bolt-Carriage 3/8-16 X 1
18:4	109-6658	3	Nut-Nyloc 3/8-16 Flg
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	109-9915-01	1	Baffle,Discharge 52/60
24	116-1822-01	4	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	104-0753	3	Nut-Hex 3/4-16 Flg Special
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	116-0675	3	Sheave,Blade Drive 6.50 ■

● 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.



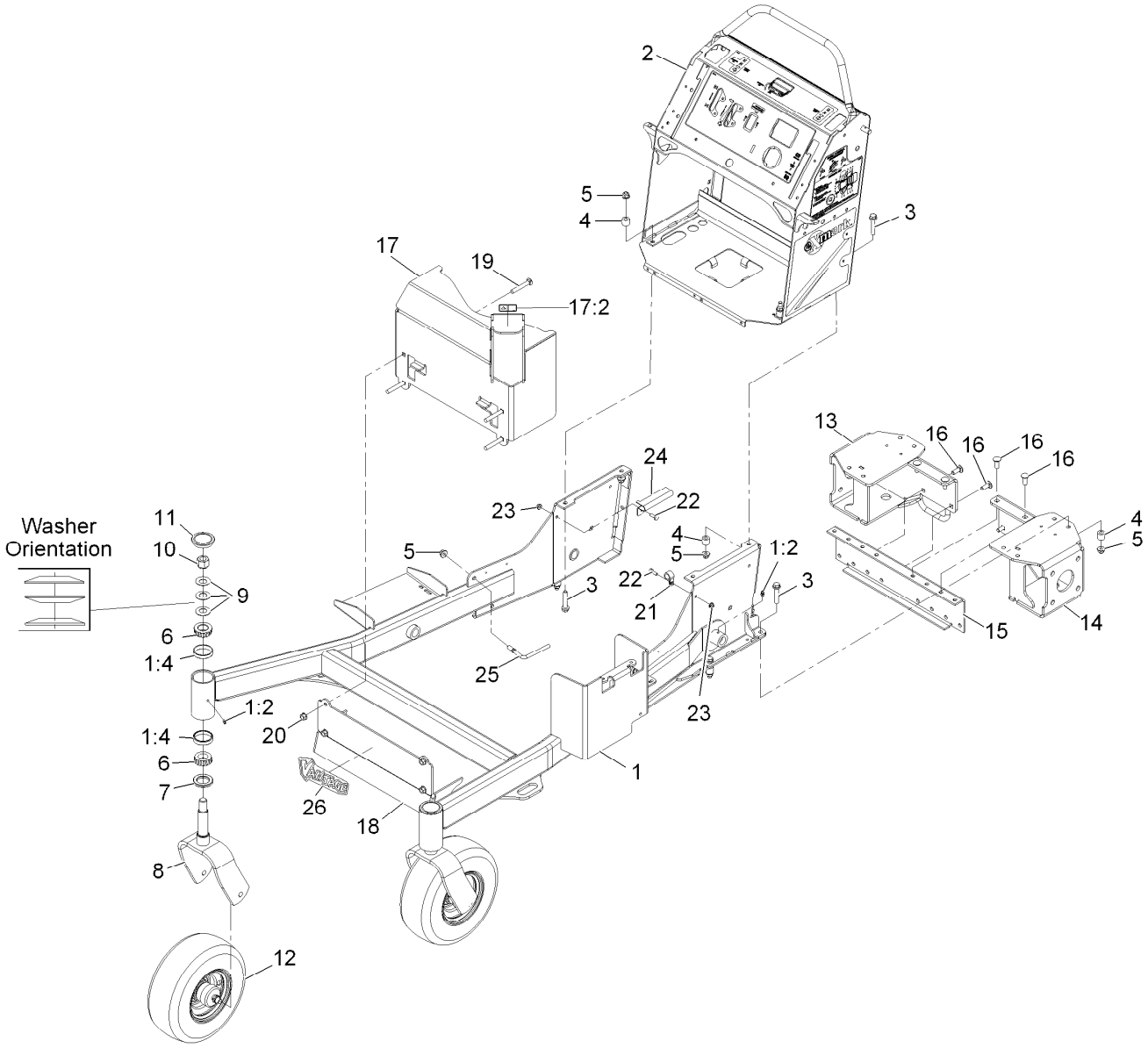
Deck W/Decals Assembly No. 116-4001

Ref.	*Part Number*	*Qty.*	*Description*
2	116-0034	1	Decal,Ultracut 52 Series 4
3	1-403005	2	Decal-Danger
4	1-303508	1	Decal-Warning, Discharge
5	109-3148	1	Decal,Bolt Torque
6	98-5954	2	Decal-Cover, Missing
7	116-3283	1	Decal-Belt Routing



Idler Arm Assembly No. 116-3806

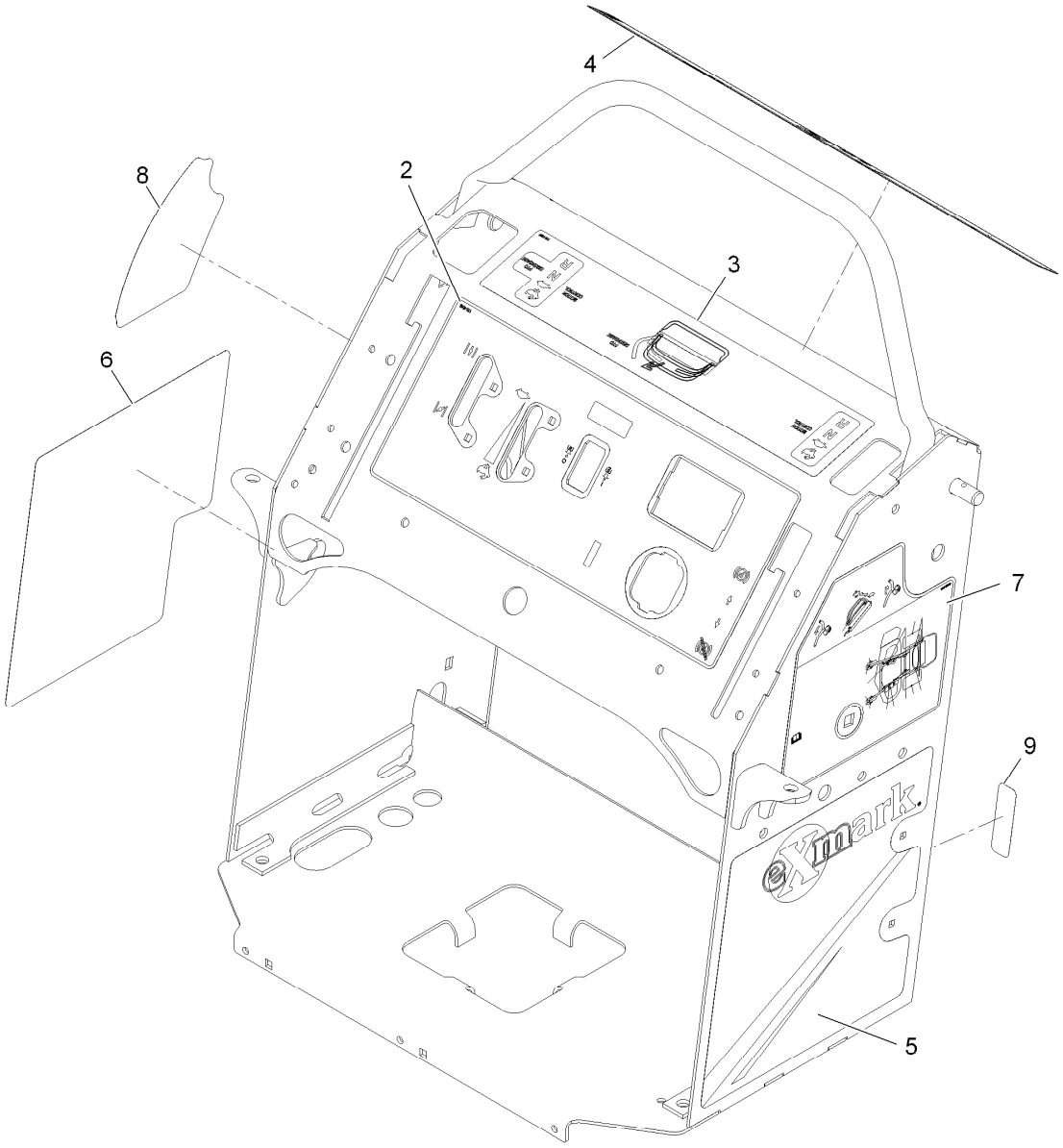
Ref.	*Part Number*	*Qty.*	*Description*
2	103-3504	2	Bearing-Spherical
3	103-3505	1	Seal-Double Lip
4	103-3506	1	Seal-Single Lip
5	106-7159	2	O-Ring
6	32120-10	2	Ring-Retaining



Main Frame Assembly

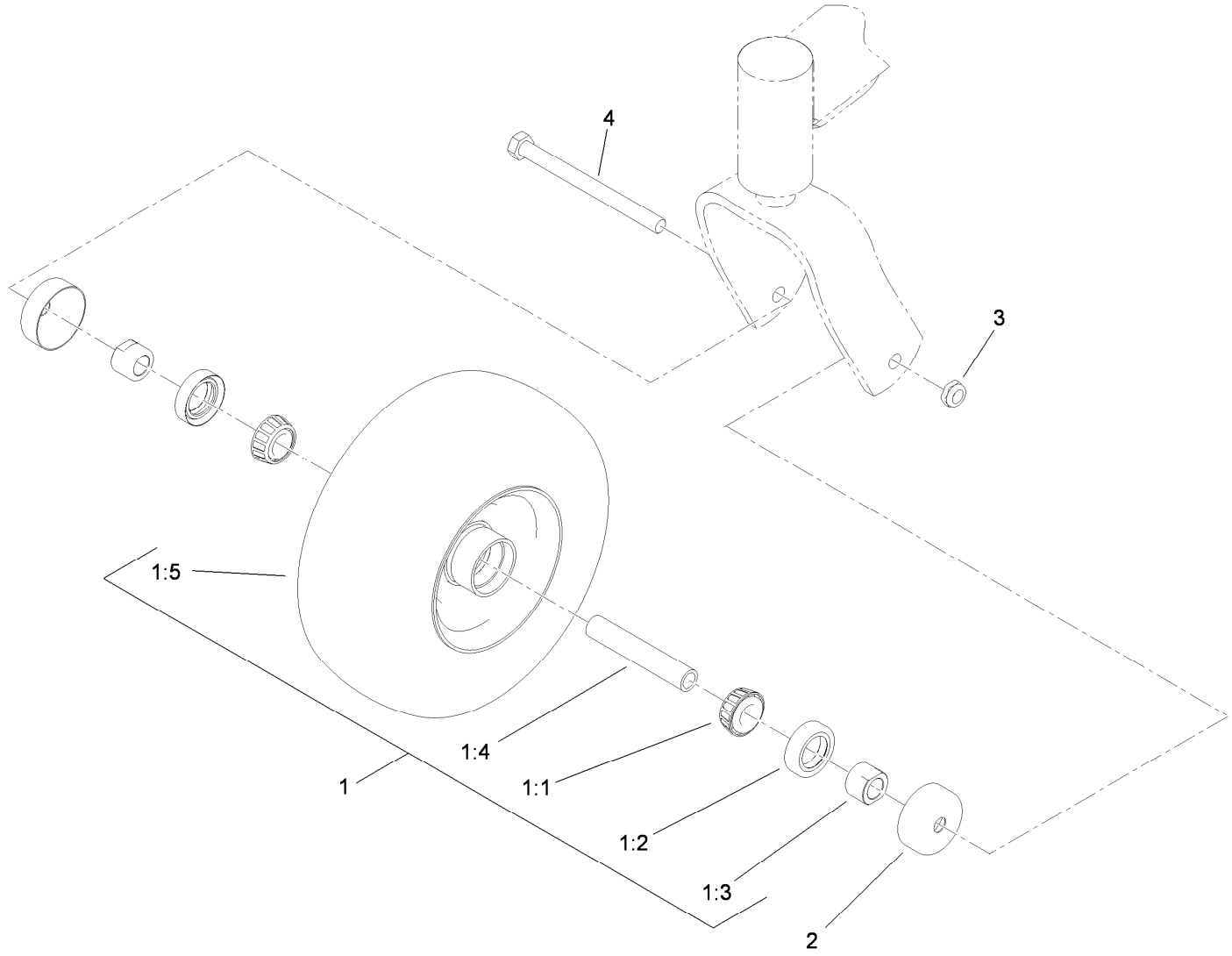
Ref.	Part Number	Qty.	Description
1	116-2486	1	Front Frame ASM
1:2	302-5	4	Zerk 1/4-28 Str Thrd Forming
1:4	1-811010	2	Plug
2	116-5013	1	Control Tower ASM
3	108-3742	8	Screw-HH Flg 3/8-16 X 2
4	98-8895	8	Spacer
5	104-8301	18	Nut-Nyloc 3/8-16 Flg
6	1-543509	4	Cone-Bearing Tapered Roller
7	1-543511	2	Seal-Grease
8	103-8618-01	2	Fork-Caster
9	1-633508	6	Washer-Spring Disc
10	3296-51	2	Nut-Nyloc 3/4-10
11	103-4882	2	Cap-Grease
12	112-3810	2	Wheel/Tire And Bearing ASM

Ref.	Part Number	Qty.	Description
13	119-7222-03	1	RH Motor Mount ASM
14	119-7220-03	1	LH Motor Mount ASM
15	119-7224-03	1	Mount-Motor, Center
16	3231-22	8	Bolt-Carriage 3/8-16 X 1
17	116-2490	1	Muffler Guard ASM
17:2	106-5517	1	Decal-Warning, Hot Surface
18	116-3113-01	1	Panel-Guard
19	3231-31	4	Bolt-Carriage 3/8-16 X 2 1/2
20	32128-21	4	Nut-3/8-16 Flanged Side Lock
21	2412-87	1	Clamp-Cable
22	321-4	2	Screw-HH 1/4-20 X 3/4
23	104-7201	2	Nut-Nyloc 1/4-20 Flg
24	116-5067	1	Bracket-Hose, Fuel (Double)
25	116-3382	2	Guide-Hose, Support
26	116-3137	1	Decal-Vantage Logo



Control Tower With Decals Assembly No. 116-5013

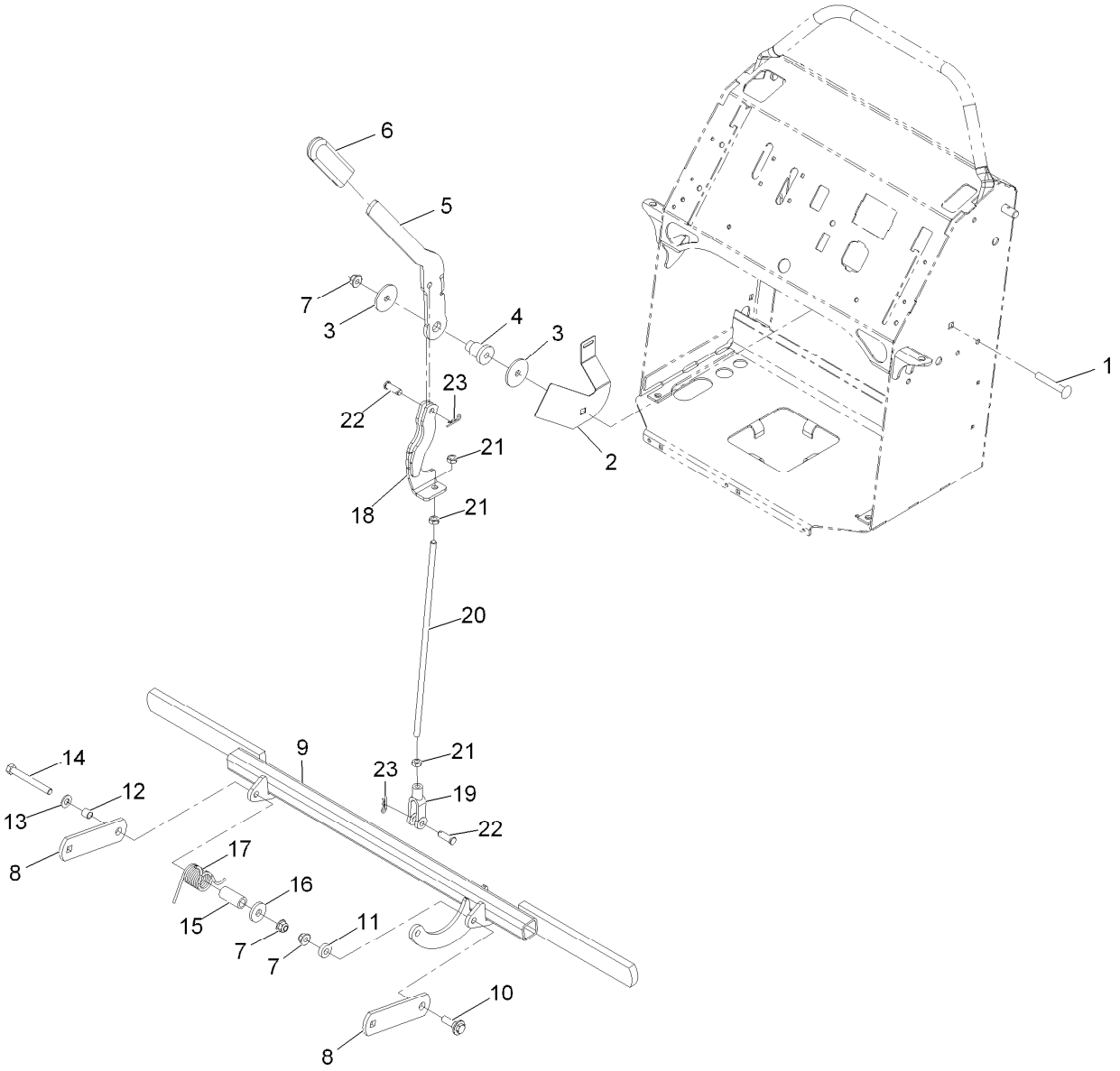
Ref.	*Part Number*	*Qty.*	*Description*
2	116-4648	1	Decal-Control Panel
3	116-1887	1	Decal-Motion Control
4	116-4647	1	Decal-Warning
5	116-4269	1	Decal-LH Panel
6	116-1909	1	Decal-RH Panel
7	116-5040	1	Decal-Service Aid
8	116-2040	1	Decal-Height Of Cut
9	116-3267	1	Decal-Fuse



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 Tapered Roller
1:2	103-0063	2	Seal-Double Lip
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-Nyloc 1/2-13 Thin
4	325-20	1	Screw-HH 1/2-13 X 6

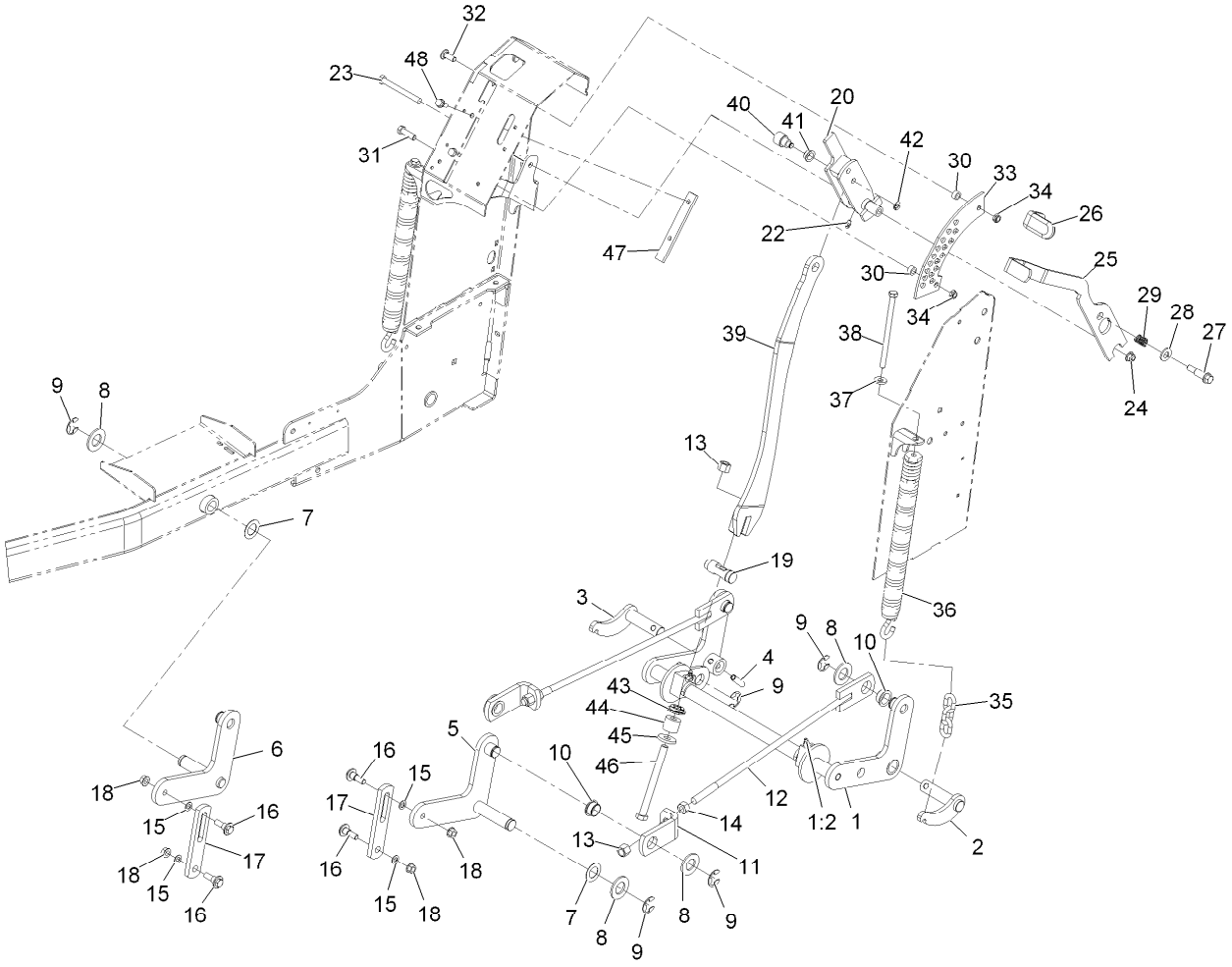
● Not serviced separately
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



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	Brake Bar ASM
10	614672	1	Screw-Shoulder 3/8-16 X 1.295
11	5-0652	1	Spacer

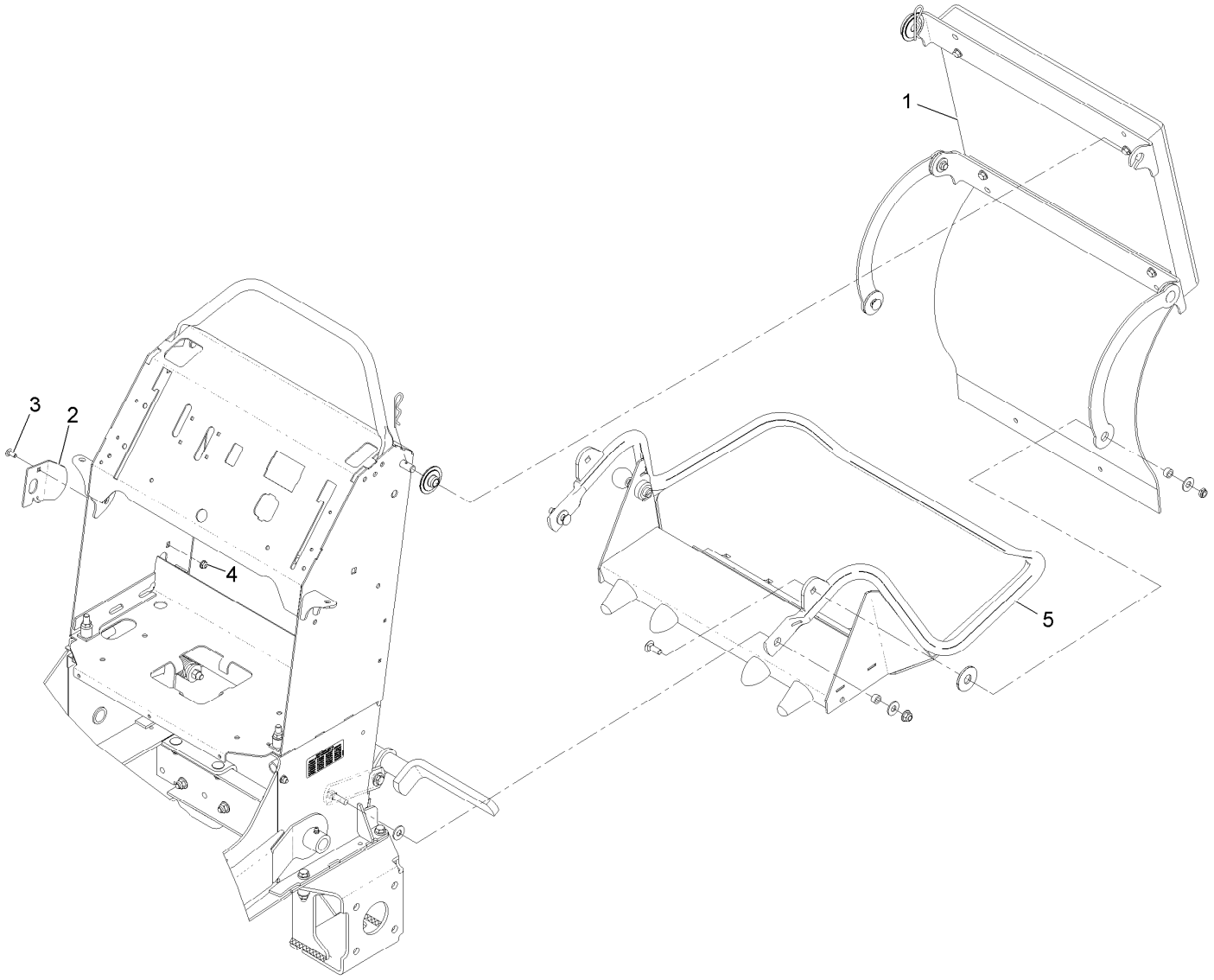
Ref.	Part Number	Qty.	Description
12	117-9684	1	Spacer
13	3256-24	1	Washer-3/8 Sae
14	323-20	1	Screw-HH 3/8-16 X 3-1/4
15	117-9683	1	Spacer
16	117-9682	1	Spring-Torsion
17	1-373034	1	Washer
18	119-8780-03	1	Brake Arm ASM
19	1-633131	1	Yoke-Linkage, Brake
20	119-7244	1	Rod-Brake
21	3220-3	3	Nut-Jam 3/8-24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



Deck Lift Assembly

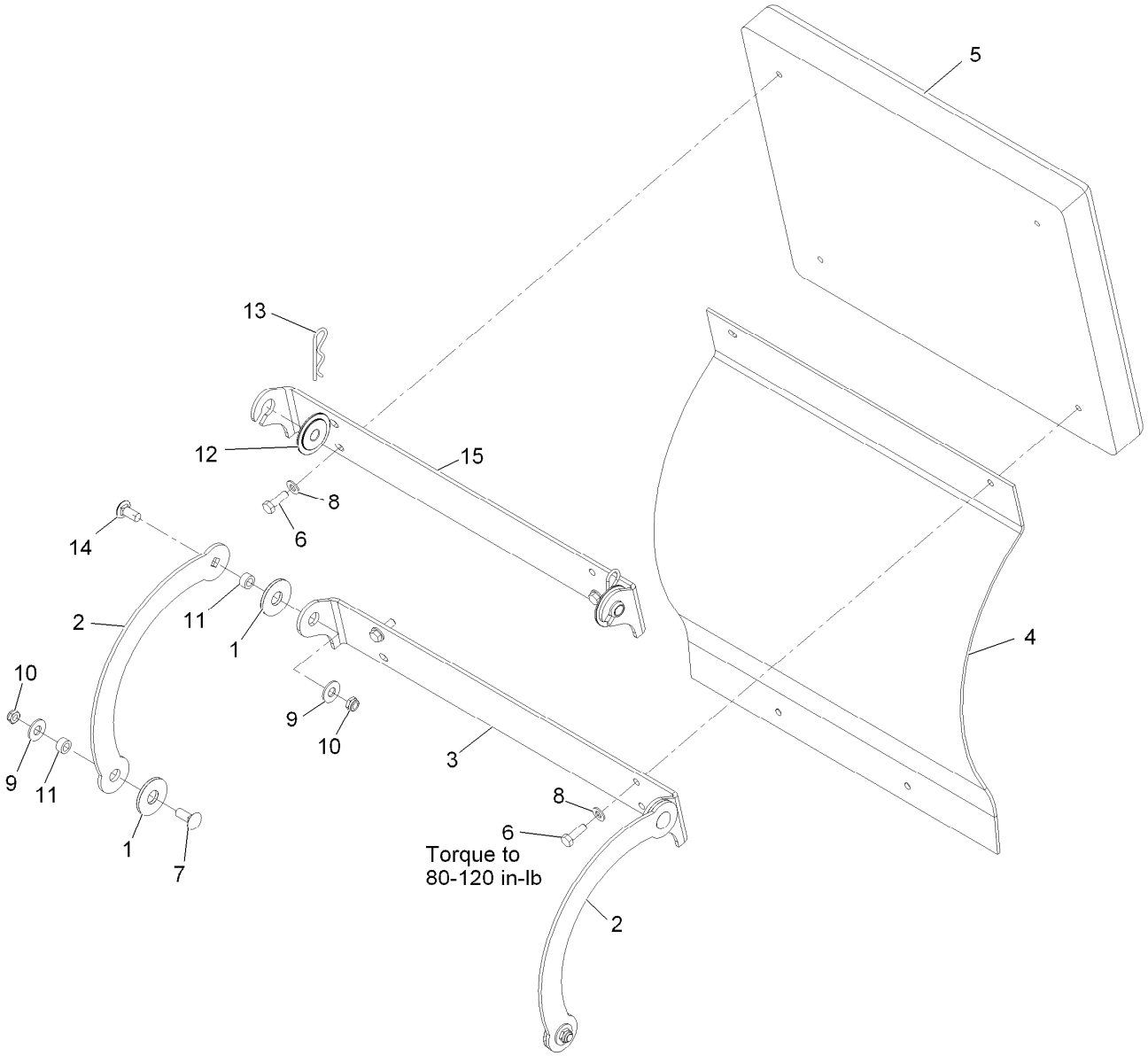
Ref.	Part Number	Qty.	Description
1	116-3103	1	Rear Crossshaft ASM
1:2	302-11	2	Zerk-45° 1/4-28
2	116-3104-01	1	LH Pivot Shaft ASM
3	116-3105-01	1	RH Pivot Shaft ASM
4	116-3107	2	Pin-Spiral
5	117-0488-01	1	LH Lift ASM
6	117-0489-01	1	RH Lift ASM
7	110-6767	2	Washer-Thrust
8	3256-29	6	Washer-7/8 Sae
9	32151-103	7	E-Ring
10	116-2909	4	Bearing-Flange
11	116-2901	2	Bracket-Lift Rod
12	116-2902	2	Lift Rod ASM
13	3296-23	3	Nut-Nyloc 1/2-13
14	3217-9	2	Nut-Hex 1/2-13
15	40-1940	4	Washer
16	109-9840	4	Screw-Hex Flange 3/8-16 X .80
17	117-0519	2	Link-Lift
18	32128-21	4	Nut-3/8-16 Flanged Side Lock
19	114-5274	1	Pin-HOC
20	114-3512	1	HOC Handle ASM
22	302-5	1	Zerk 1/4-28 Str Thrd Forming
23	323-42	1	Screw-HH 3/8-16 X 3 3/4
24	104-8301	1	Nut-Nyloc 3/8-16 Flg

Ref.	Part Number	Qty.	Description
25	114-1878-03	1	Lever-HOC
26	1-633268	1	Grip-Lever
27	66-0561	1	Screw-Shoulder
28	3256-26	1	Washer-1/2 Sae
29	65-9940	1	Spring
30	111044	2	Bushing
31	323-7	1	Screw-HH 3/8-16 X 1 1/4
32	3231-22	1	Bolt-Carriage 3/8-16 X 1
33	114-5307	1	Bracket-HOC
34	3296-59	2	Nut-Nyloc 3/8-16 Thin
35	103-9859	2	Chain-Decklift, Front
36	116-0886	2	Extension Spring ASM
37	98-5975	2	Washer-Spring Disc 3/8
38	323-58	2	Bolt-HH 3/8-16 X 6 Tap
39	116-2939	1	Bar-Lift
40	116-3048	1	Hub-Pivot
41	116-3047	1	Bearing-Flange
42	32151-47	1	Ring-Retaining
43	116-3625	1	Seat-Spring
44	116-3241	1	Spring-Urethane
45	92-2651	1	Washer
46	325-22	1	Screw-HH 1/2-13 X 5 1/2
47	116-3124	1	Skid-Handle, Lift
48	32144-11	2	Screw-HWH 5/16-18 X 3/4 Tf



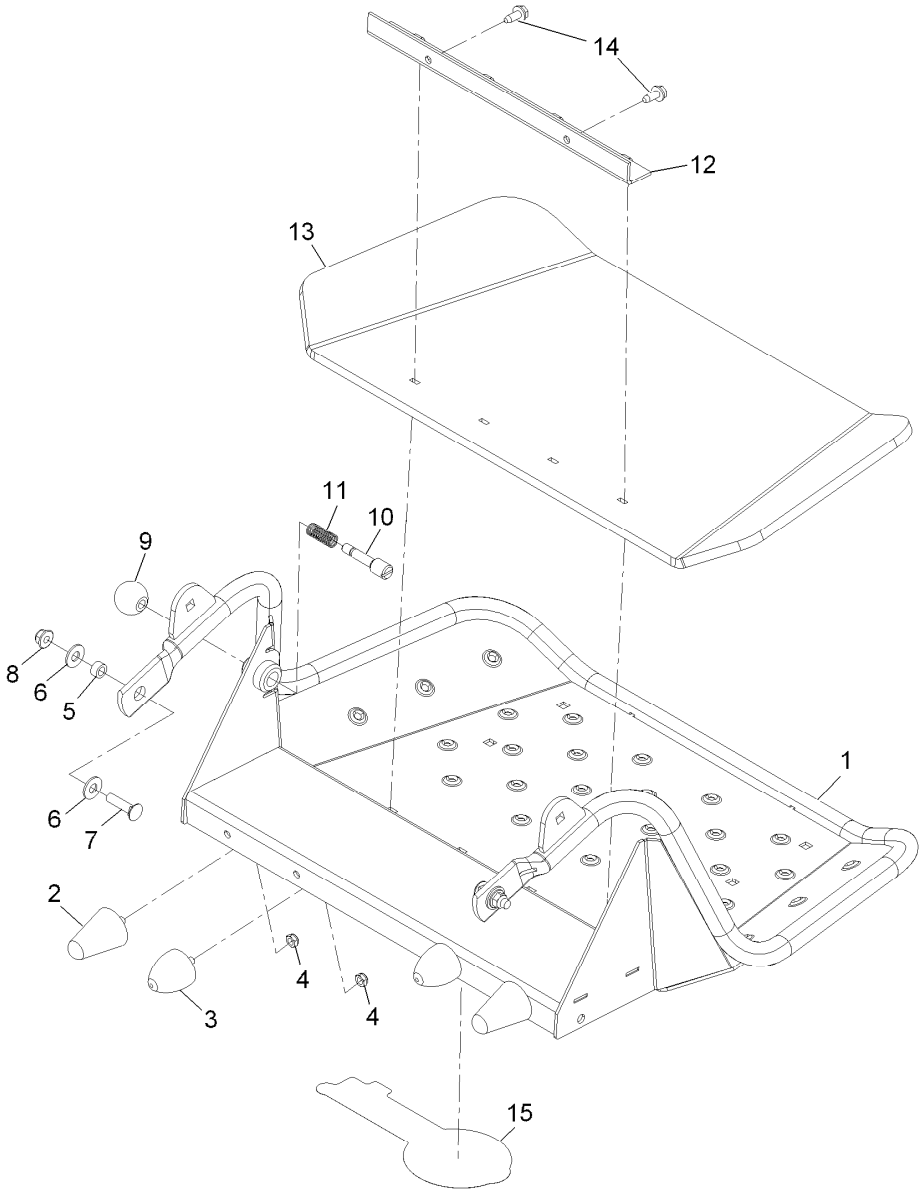
Platform Group

Ref.	*Part Number*	*Qty.*	*Description*
1	116-1803	1	Cushion ASM
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. 116-1803

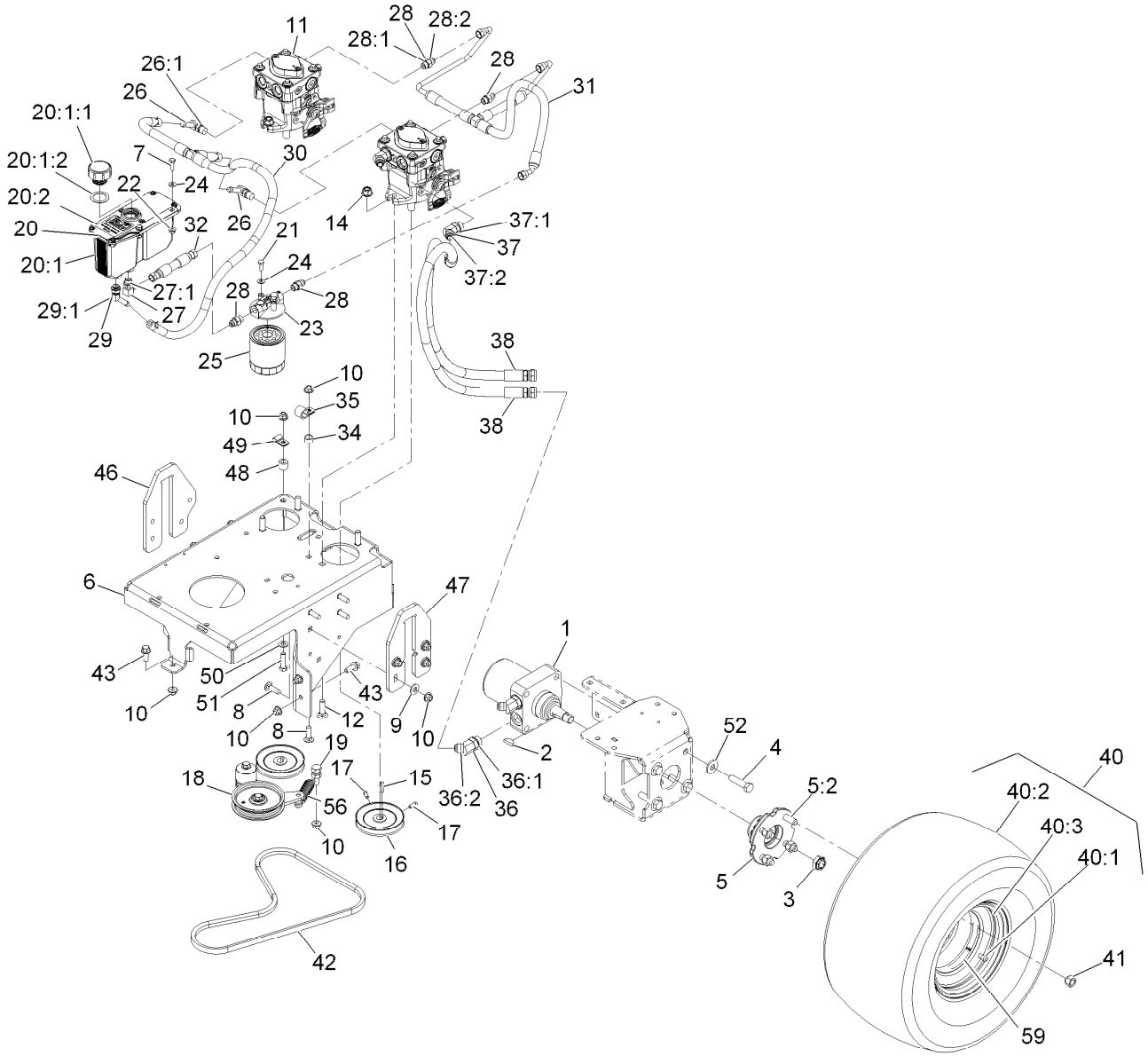
Ref.	*Part Number*	*Qty.*	*Description*
1	114-0463	4	Washer-Friction, Composite
2	114-1915-03	2	Link-Pad
3	116-2061-03	1	Hinge-Pad
4	116-3406	1	Shield-Rear
5	116-1790	1	Pad,Grey Cushion
6	116-0648	4	Screw-HH 5/16-18 X 1 W/Patch
7	3231-2	2	Bolt-Carriage 3/8-16 X 1
8	3256-23	4	Washer-5/16 Sae
9	3256-4	4	Washer-3/8 Std
10	3296-59	4	Nut-Nyloc 3/8-16 Thin
11	111044	4	Bushing
12	116-2886	2	Slide-Bushing
13	3290-355	2	Pin-Hair
14	3231-27	2	Bolt-Carriage 3/8-16 X 7/8
15	116-2757-03	1	Hinge-Pad



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	111044	2	Bushing
6	3256-4	4	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 Logo

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

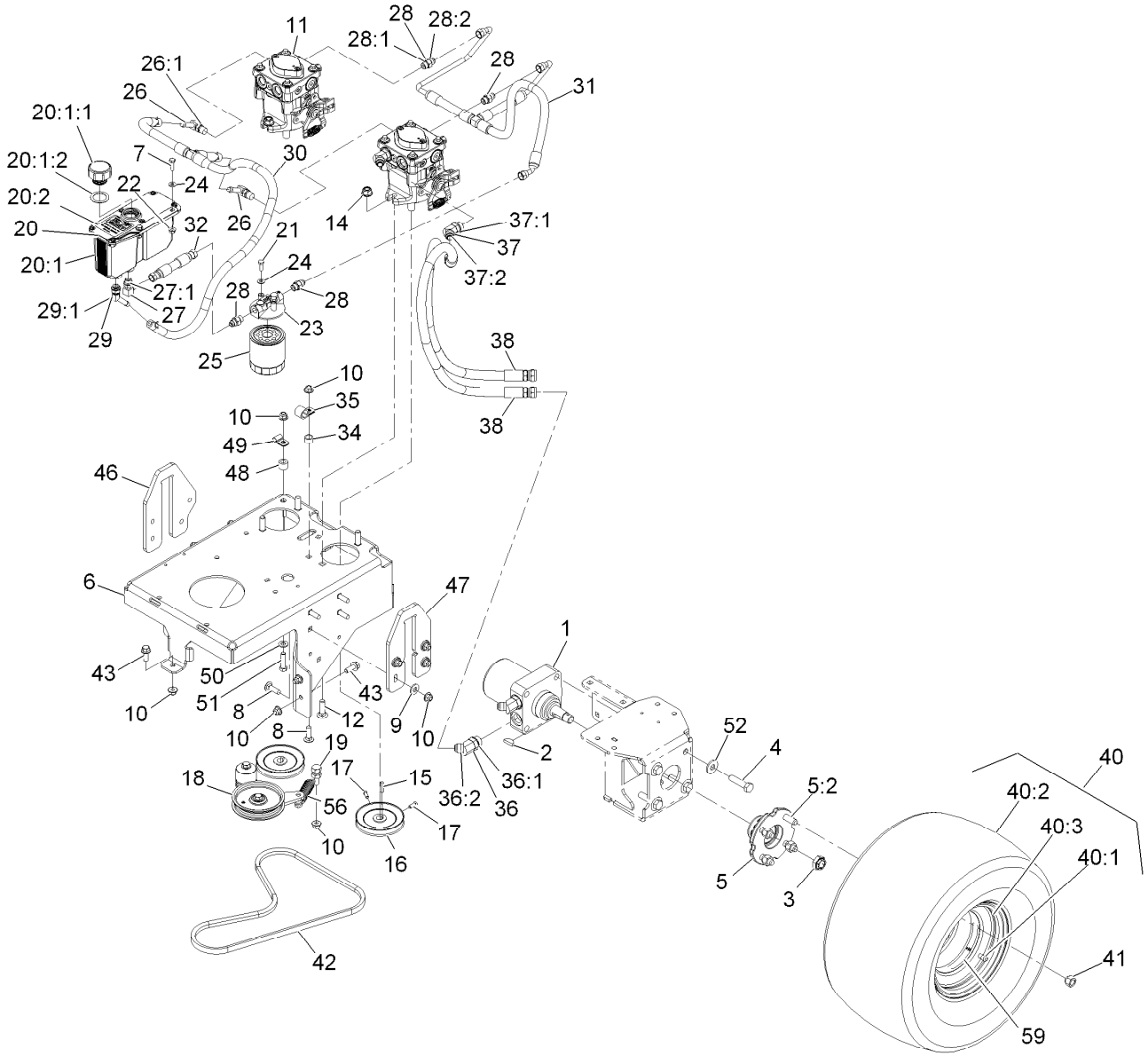


Ground Drive Assembly

Ref.	Part Number	Qty.	Description
1	116-4851	2	Motor-Wheel ASM
2	3257-8	2	Key-Woodruff
3	116-2839	2	Nut-Lock
4	325-8	8	Screw-HH 1/2-13 X 1 1/4
5	105-0800	2	Wheel Hub ASM
5:2	10-6830	4	Stud-Type, Drive
6	116-4920-01	1	Base-Engine
7	321-6	2	Screw-HH 1/4-20 X 1
8	3231-25	8	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
14	114-8417	4	Nut-HF, NI
15	1-807272	2	Key-5Mm X 5Mm X 25Mm
16	105-5648	2	Pulley-Pump ■

Ref.	Part Number	Qty.	Description
17	3241-5	4	Screw-Set ◆
18	117-7685	1	Pump Idler ASM
19	114-5866	1	Anchor-Spring, Short
20	116-2066	1	ASM,Reservoir W/Decals ▲
20:1		1	Reservoir-HYD ●
20:1:1	103-1948	1	Cap-Reservoir, HYD
20:1:2	103-1949	1	Gasket-Cap
20:2	116-0404	1	Decal-Hydraulic Tank
21	321-4	2	Screw-HH 1/4-20 X 3/4
22	32128-32	2	Nut-Hex 1/4-20 Side Lock
23	104-7836	1	Filter-Head
24	3256-22	4	Washer-1/4 Sae
25	109-4180	1	Filter,25 Micron Bi-Directional
26	100-4887	2	Fitting-Barbed, 90 DEG
26:1	237-42	1	O-Ring
27	103-1802	1	Fitting-HYD, 90 DEG

● 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.



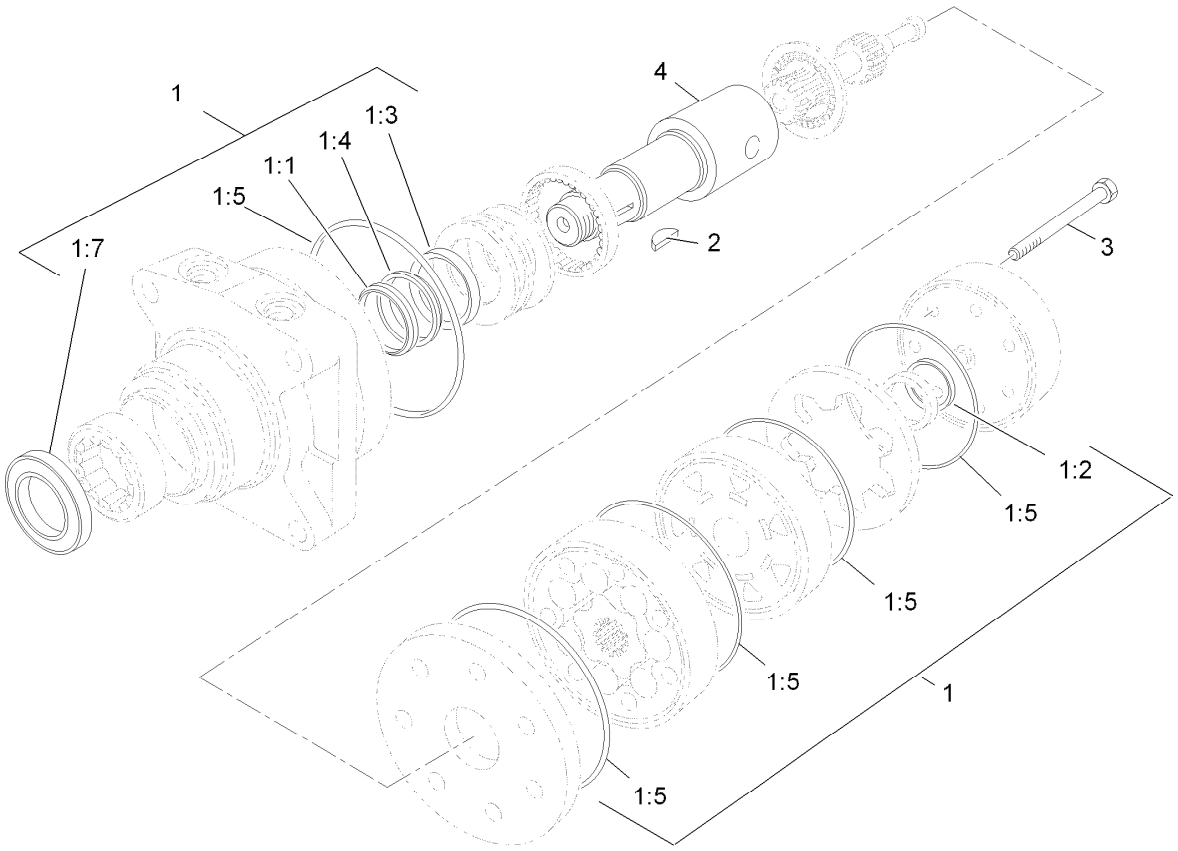
Ground Drive Assembly (continued)

Ref.	Part Number	Qty.	Description
27:1	1-603921	1	O-Ring-Sae #6
28	103-2156	4	Adapter-Straight
28:1	1-603921	1	O-Ring-Sae #6
28:2	103-1020	1	O-Ring-37 Flare #6
29	103-1807	1	Fitting-Barbed, 45 DEG
29:1	237-42	1	O-Ring
30	116-2579	1	Tank Hose ASM
31	116-2650	1	Hose Assembly - Charge
32	116-2604	1	HYD Hose ASM
34	1-653069	1	Spacer-Wheel
35	1-633396	1	Clip-Loom 5/8
36	1-523222	4	Fitting-HYD, 45 DEG
36:1	1-603919	1	O-Ring-Sae #10
36:2	1-603992	1	O-Ring-37 Flare #8
37	1-523221	4	Fitting-HYD, 45 DEG
37:1	1-603920	1	O-Ring-Sae #8
37:2	1-603992	1	O-Ring-37 Flare #8

Ref.	Part Number	Qty.	Description
38	116-4048	4	Hose ASM-HYD Hp
40	117-0429	2	Wheel ASM
40:1	232-27	1	Stem-Valve
40:2	117-0428	1	Tire
40:3	106-8133	1	Rim-8 Inch
41	242-50	8	Nut-Lug 1/2-20
42	114567	1	Screw-HHF 3/8-16 X 1
43	3234-42	5	Screw HHF 3/8-16 X 1
46	116-4922	1	Plate-Lift, RH
47	116-3546	1	Plate, Lift LH
48	108326	1	Spacer-Pivot
49	116-3362	1	Clip-Tube
50	3256-24	1	Washer-3/8 Sae
51	323-8	1	Screw-HH 3/8-16 X 1 1/2
52	1-513435	8	Washer-Spring Disc 1/2
56	108-4056	1	Spring-Extension
59	116-4181	2	Decal-Wheel Hub

● 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.

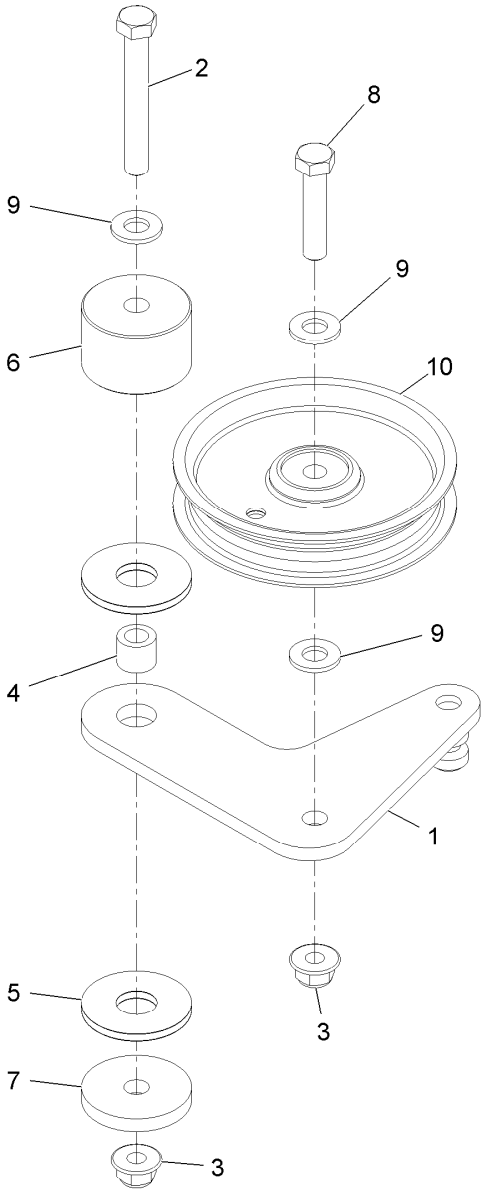
■ Apply anti-seize compound in bore.



Wheel Motor Assembly No. 116-4851

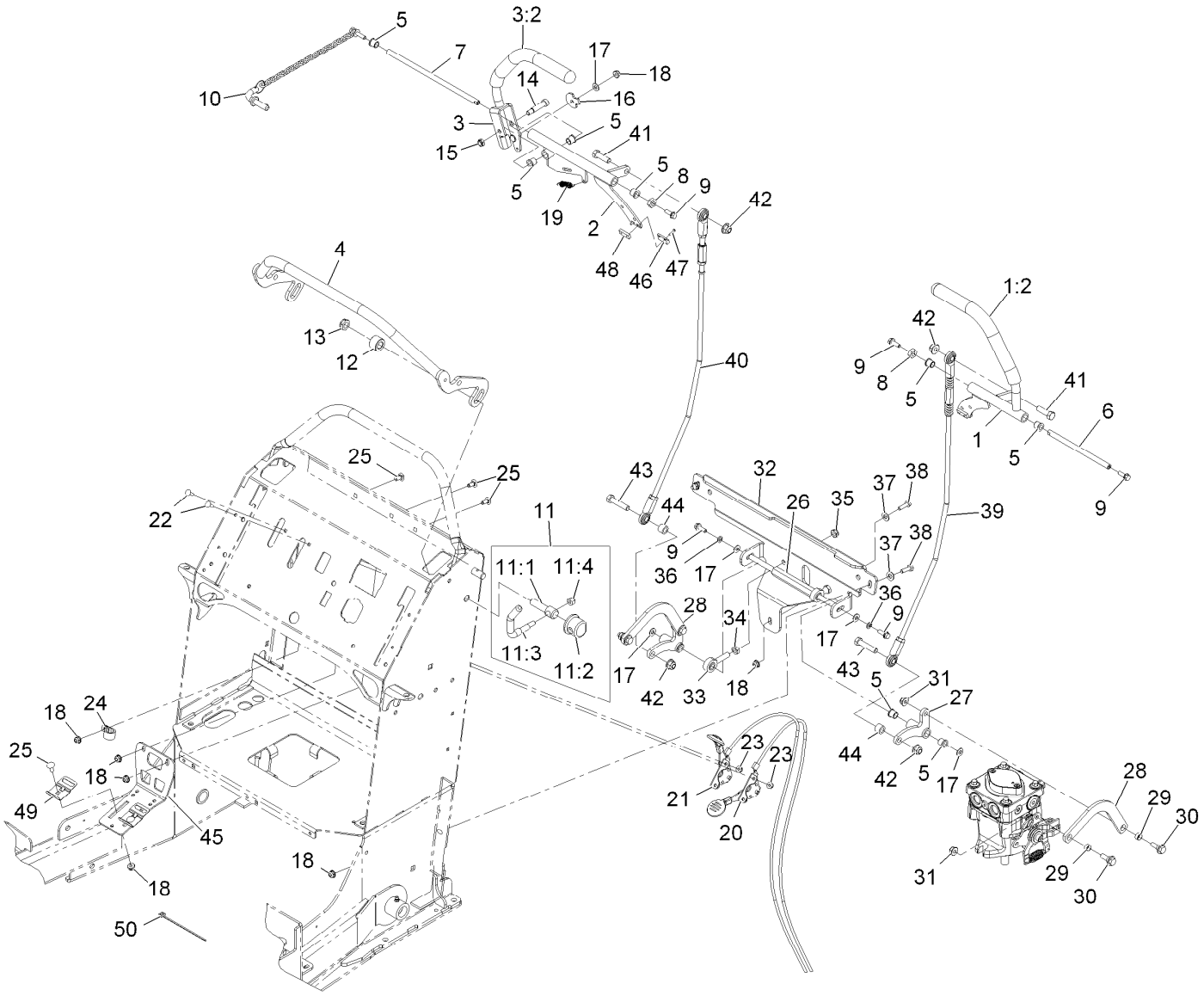
Ref.	*Part Number*	*Qty.*	*Description*
1	1-000119	1	Seal Kit
1:1		1	Ring-Back Up ●
1:2		1	Seal-Commutator ●
1:3		1	Seal-Shaft (Viton) ●
1:4		1	Washer-Back Up, Steel ●
1:5		5	Ring-Seal (Viton) ●
1:7		1	Seal-Dirt And Water ●
2	3257-8	1	Key-Woodruff
3	106-5549	6	Bolt-Special
4	106-8764	1	Shaft-Coupling

● Not serviced separately



Pump Idler Assembly No. 117-7685

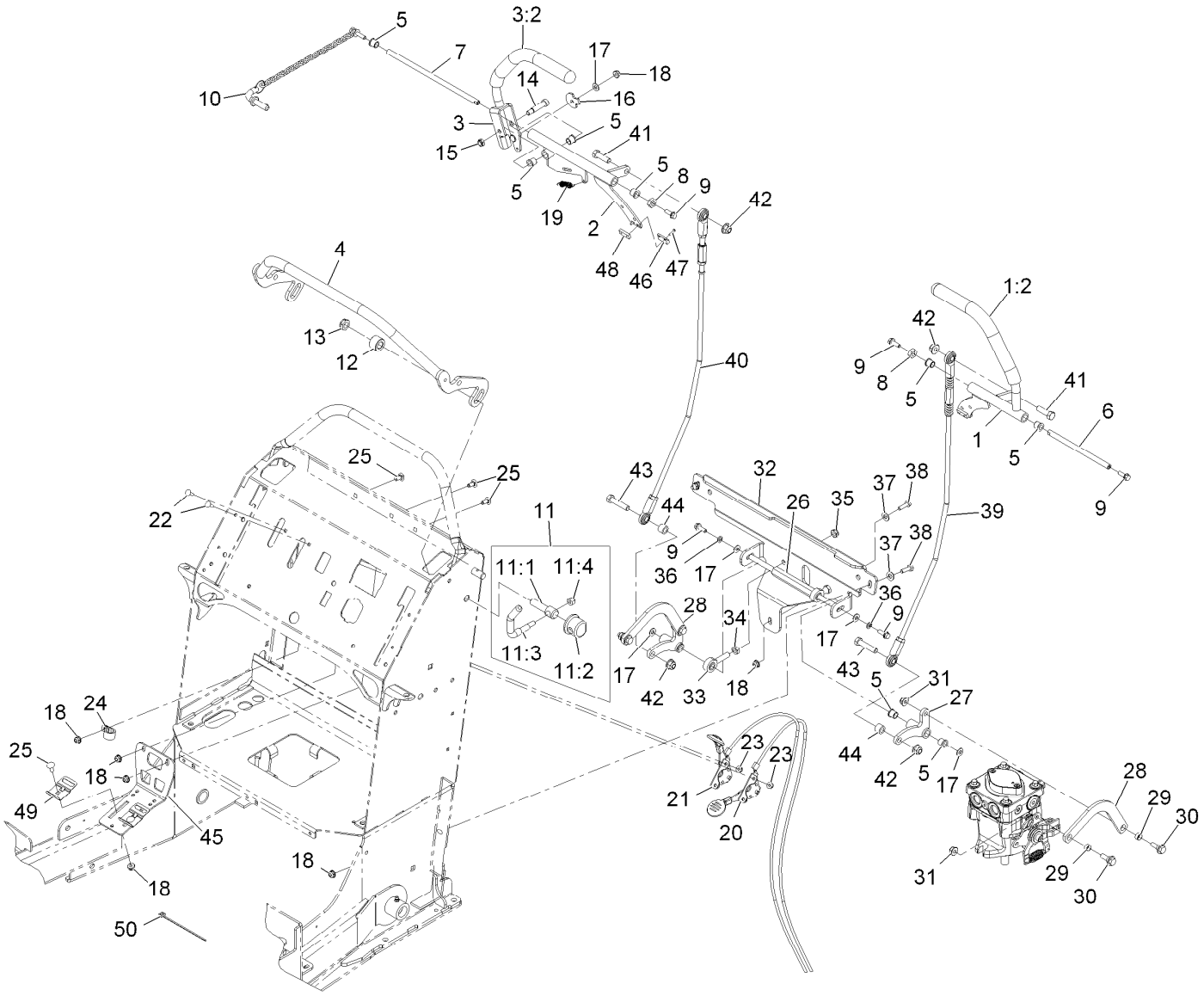
Ref.	*Part Number*	*Qty.*	*Description*
1	117-7684	1	Idler Plate ASM
2	323-13	1	Screw-HH 3/8-16 X 2 3/4
3	104-8301	2	Nut-Nyloc 3/8-16 Flg
4	1-413088	1	Spacer
5	114-0463	2	Washer-Friction, Composite
6	117-3568	1	Hub-Idler
7	110-9981	1	Washer-Plain
8	323-9	1	Screw-HH 3/8-16 X 1 3/4
9	3256-24	3	Washer-3/8 Sae
10	93-1622	1	Pulley-Idler



Control Assembly

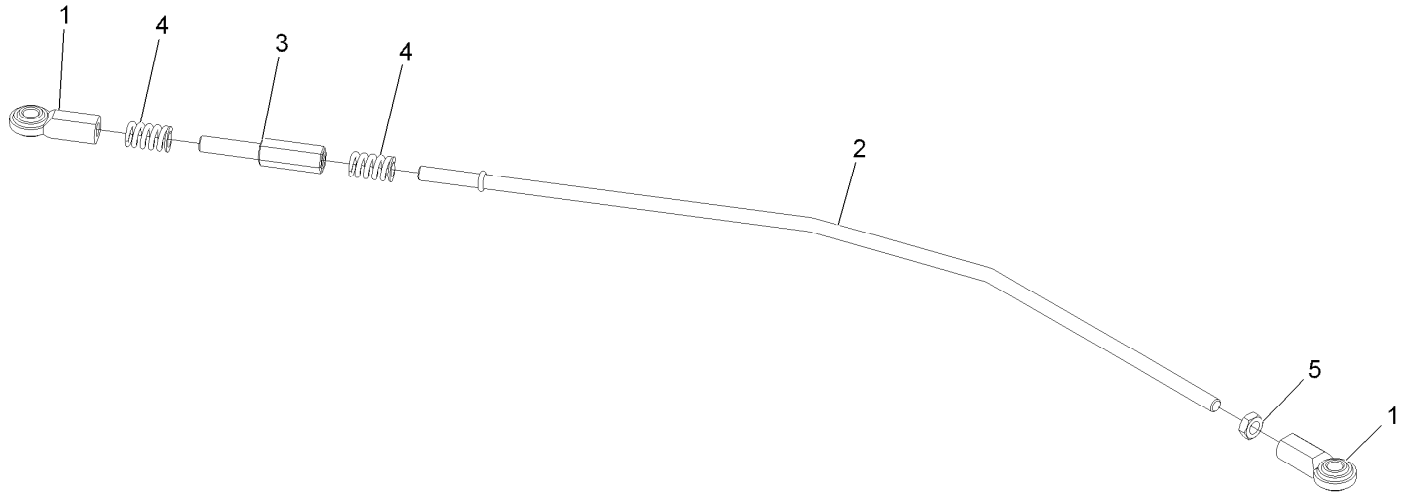
Ref.	Part Number	Qty.	Description
1	116-4970	1	Lever ASM, LH
1:2	116-2357	1	Grip-Handle, Control
2	116-4972-03	1	Motion Control ASM-RH
3	116-2356	1	Lever ASM, RH
3:2	116-2357	1	Grip-Handle, Control
4	116-1858-03	1	Tube,Front Speed Adjust
5	103-9928	10	Bearing
6	116-4978	1	Shaft-Pivot, Motion Control
7	116-4979	1	Shaft-Pivot, Motion Control
8	116-4198	2	Spacer-Drive Lever Shaft
9	117-8304	5	Screw-Hex Flange 1/4-20 X 3/4
10	114-0409	1	HOC Pin ASM
11	107-1664	2	Lever ASM
11:1	106-3239	1	Screw-Lock
11:2	107-1644	1	Cap-Lock
11:3	106-3241	1	Lever-Lock
11:4	3296-29	1	Nut-Nyloc 5/16-18
12	116-2319	2	Spacer-Clamp
13	3296-45	2	Nut-Nyloc 1/2-13 Thin

Ref.	Part Number	Qty.	Description
14	114-0239	1	Screw-Shoulder 5/16-18 X 1/2
15	3296-47	1	Nut-Nyloc 5/16-18 Thin
16	114-0268	1	Cam-Lever
17	3256-22	5	Washer-1/4 Sae
18	104-7201	9	Nut-Nyloc 1/4-20 Flg
19	114-0249	1	Spring-Extension
20	116-4276	1	Control-Throttle
21	116-4277	1	Control-Choke
22	1-807533	4	Bolt-Carriage #10-24 X 5/8
23	32128-17	4	Nut-Lock, Flange
24	2412-87	1	Clamp-Cable
25	3229-11	5	Bolt-Carriage 1/4-20 X 5/8
26	116-3119	1	Shaft-Bellcrank Pivot
27	116-4975	2	Bellcrank-Control, Motion
28	116-4973	2	Link-Bellcrank, Pump
29	116-4976	4	Bushing-Sleeve
30	116-2670	4	Screw-Shoulder HHF 5/16-18 X .96
31	104-8300	4	Nut-Nyloc 5/16-18 Flg
32	116-3202-03	1	Bracket-Bellcrank



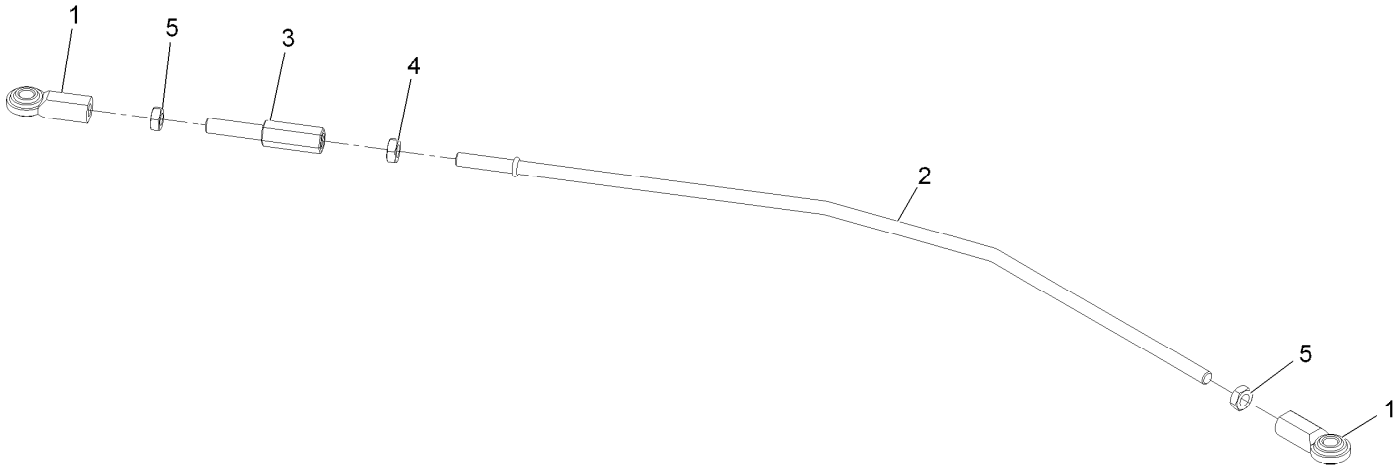
Control Assembly (continued)

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
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



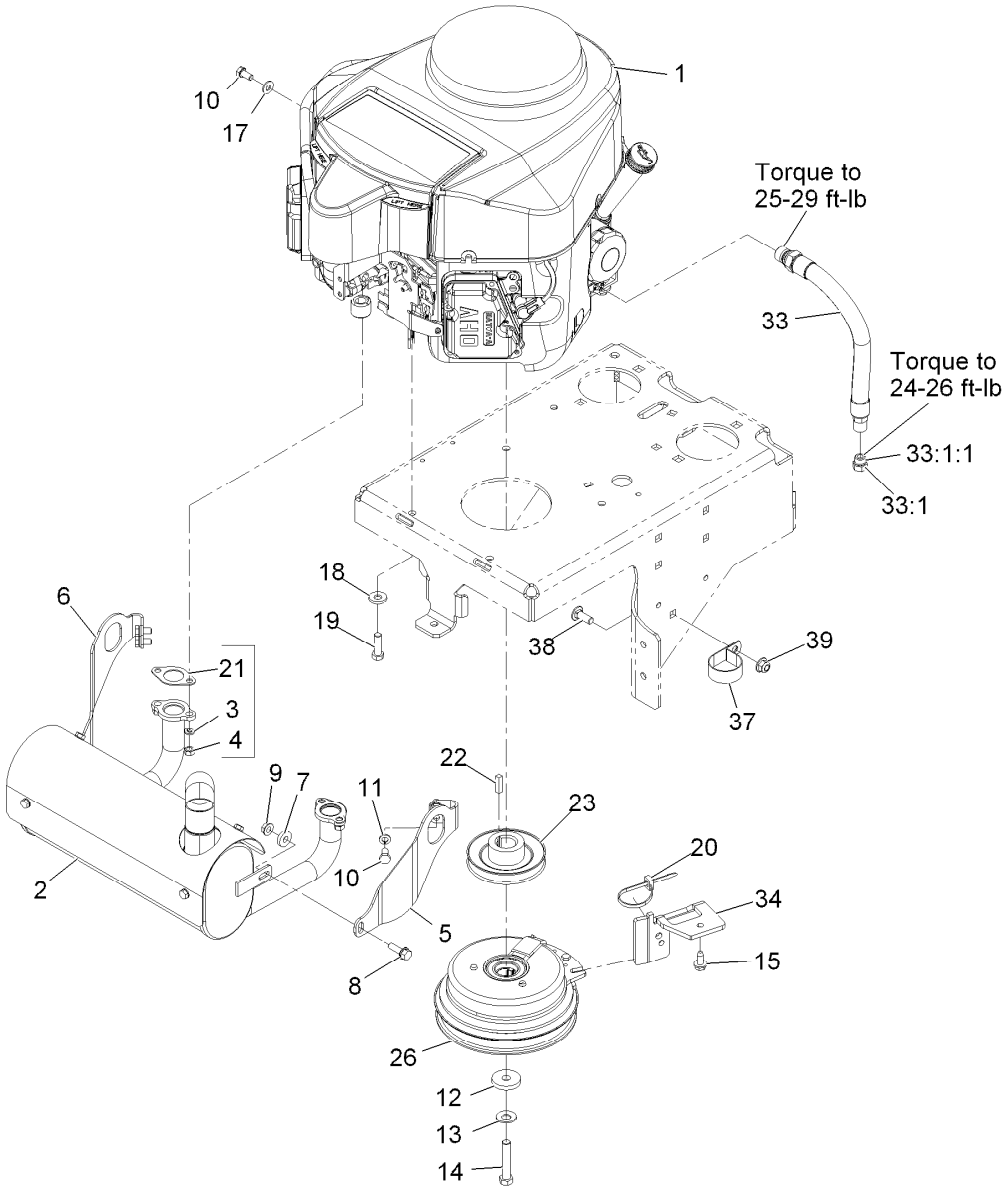
LH Tracking Control Linkage Assembly No. 116-4936

Ref.	*Part Number*	*Qty.*	*Description*
1	103-0608	2	Balljoint
2	116-4938	1	Link-Lower,Motion Control
3	116-4755	1	Rod-Adjustment
4	1-323245	2	Spring-Compression
5	3220-3	1	Nut-Jam 3/8-24



RH Tracking Control Linkage Assembly No. 116-4937

Ref.	*Part Number*	*Qty.*	*Description*
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



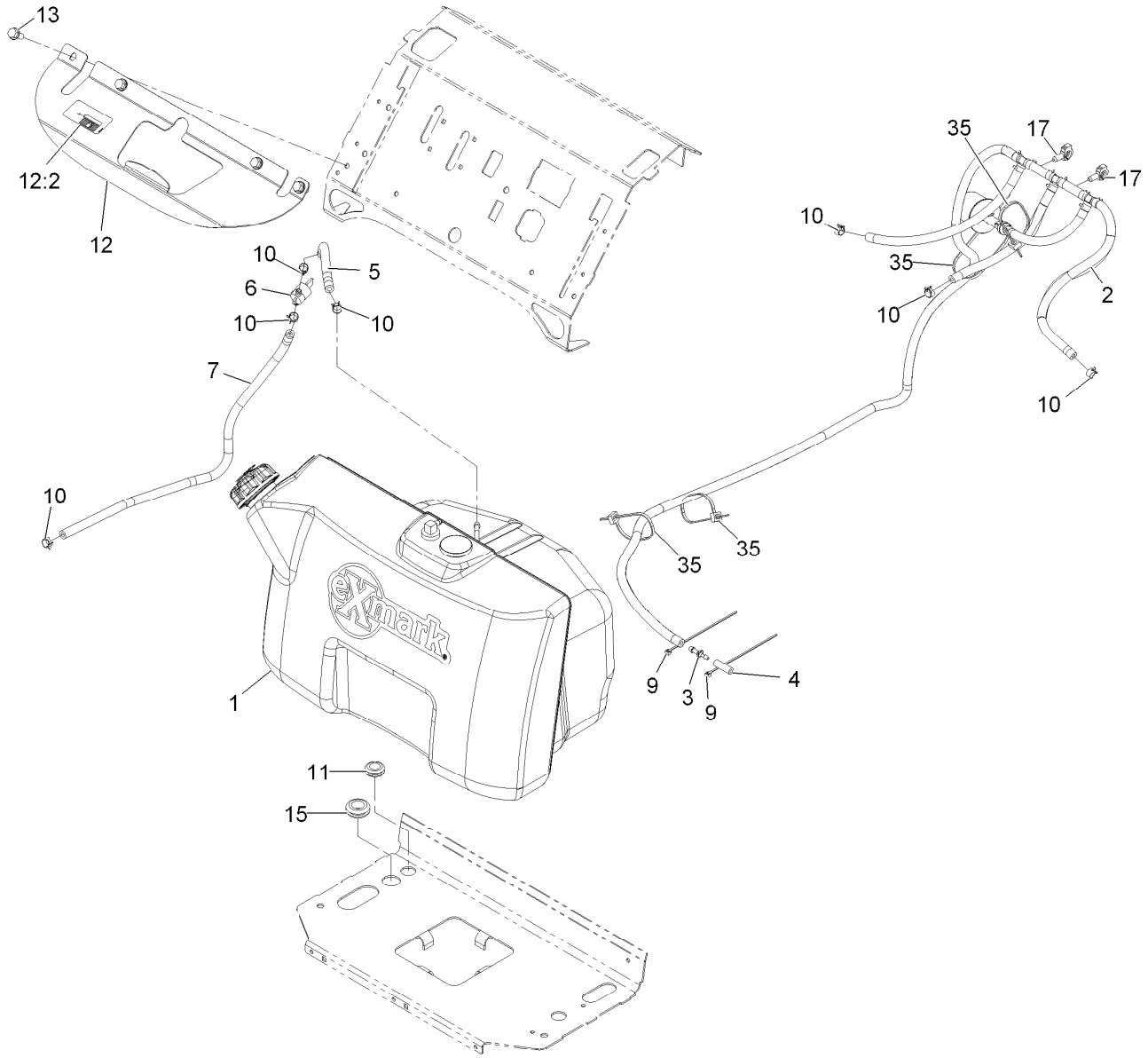
Engine Assembly

Ref.	Part Number	Qty.	Description
1		1	Engine-Kawasaki, Fs691V-As11 (24Hp) ● ■
2	116-2352	1	Muffler
3	114-3550	4	Washer-Lock, Spring
4	114-3549	4	Nut
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-HHF
9	32128-25	2	Nut-HF
10	33114-016	5	Screw-HH
11	3253-4	4	Washer-Lock
12	107-4136	1	Washer
13	1-603610	1	Washer-Spring
14	3212-9	1	Screw-HH ▲
15	32144-70	1	Screw-HWHTF
17	33094-00	1	Washer-Plain
18	98-5975	4	Washer-Belleville
19	323-7	4	Screw-HH
20	3290-378	1	Tie-Cable
21	1-653313	2	Gasket-Exhaust
22	1-807259	1	Key
23	116-3610	1	Pulley
26	116-3553	1	Clutch-Warner
33	116-4924	1	Engine Hose Oil Drain ASM
33:1	353-508	1	Plug-HH
33:1:1	237-42	1	O-Ring
34	116-3811-01	1	Bracket-Clutch Anchor
37	2412-147	1	Clamp
38	3231-22	1	Screw-CARR
39	104-8301	1	Nut-Flange, NI

● Not serviced separately

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

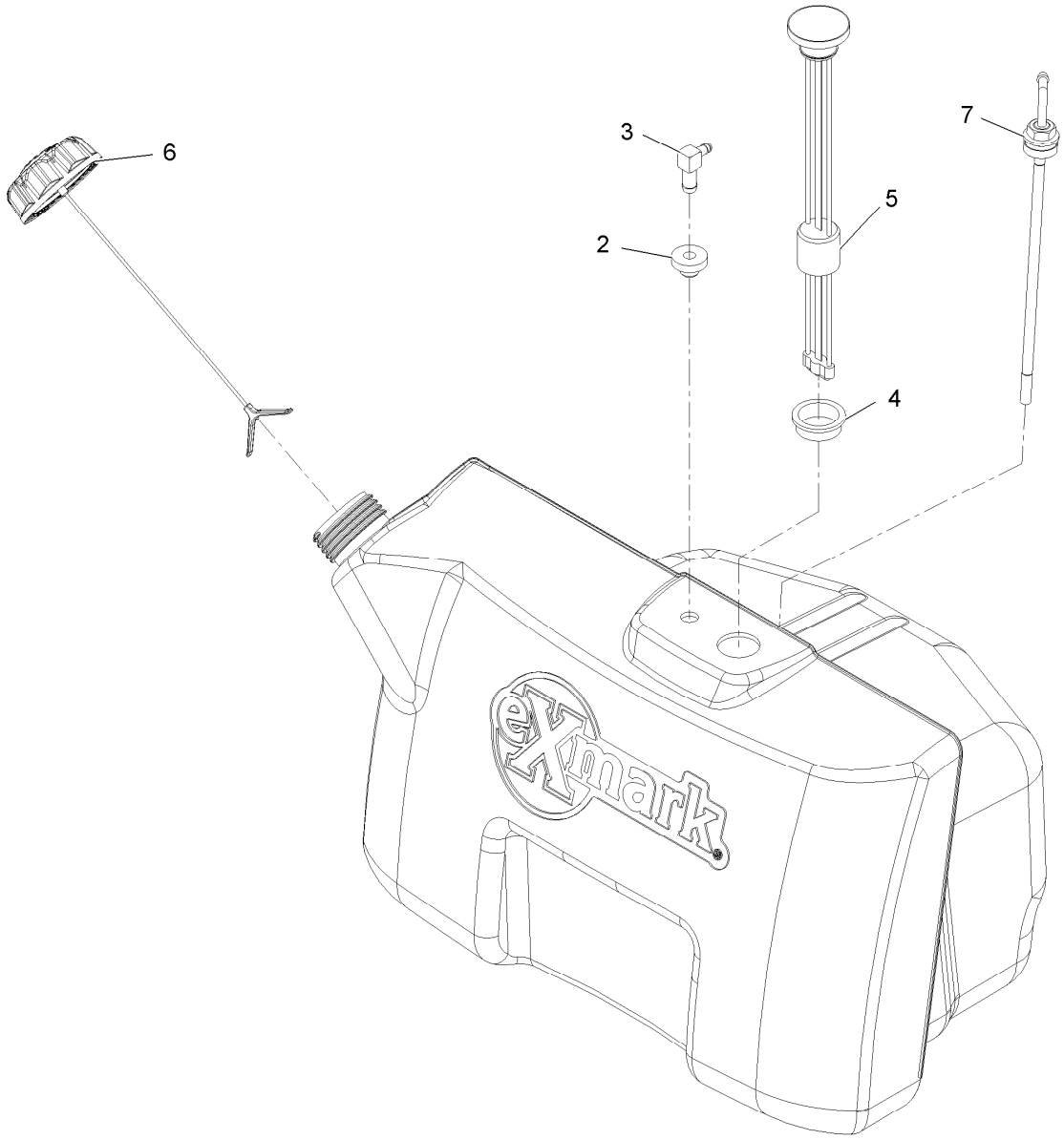
■ Obtain parts from www.kawpowerepc.com



Fuel Tank Mounting Assembly

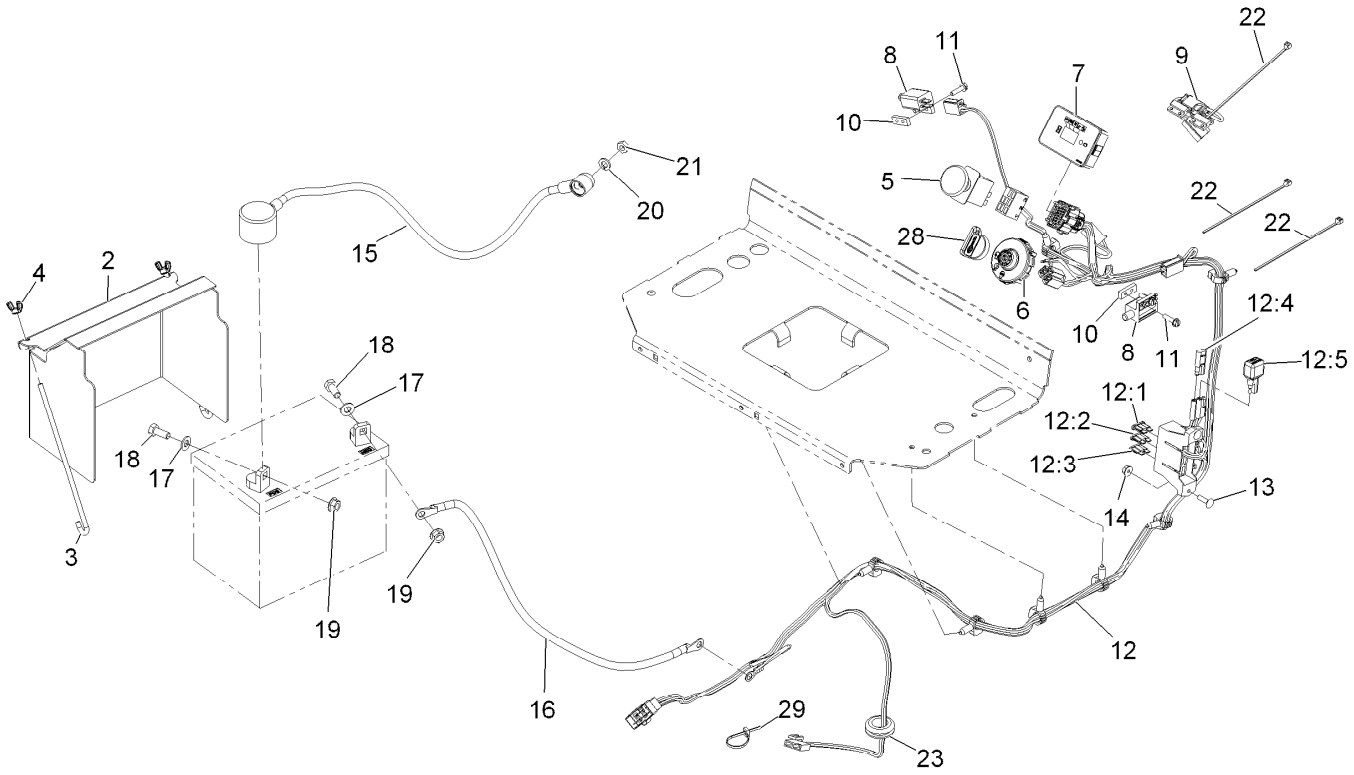
Ref.	Part Number	Qty.	Description
1	116-4577	1	Tank ASM- Exmark
2	116-5096	1	Vent ASM
3	106-8150	1	Fitting-Straight
4	51-3216	1	Hose-Fuel
5	107-9297	1	Hose-Fuel
6	1-603770	1	Valve-Fuel
7	109-0301	1	Hose-Fuel
9	1-303287	2	Tie-Cable
10	2412-98	7	Clamp

Ref.	Part Number	Qty.	Description
11	112-7069	1	Grommet
12	116-3088	1	Bracket-Tank
12:2	116-3290	1	Decal-Fill, Fuel
13	32144-11	4	Screw-HWH 5/16-18 X 3/4 Tf
15	117-2781	1	Grommet
17	32180-040	2	Clip - Harness
35	3290-378	4	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
5	117-9719	1	Guage-Fuel
6	116-1704	1	Cap-Fuel, Ratcheting
7	116-3408	1	Fitting-Fuel, Bulkhead



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	115-4180	1	Module-Meter, Hour
8	1-513152	2	Switch-N.C.
9	116-2833	1	Harness-Switch, Reed
10	1-633181	2	Plate-Tapped
11	32105-13	4	Screw-HWH #10-24 X 3/4
12	116-4615	1	Harness-Wire ●
12:1	109103	1	Fuse-Blade, 30 Amp
12:2	109102	1	Fuse-Blade, 25 Amp
12:3	218-578	1	Fuse-Blade, 10 Amp
12:4	116-0053	1	Cap-Plug

Ref.	Part Number	Qty.	Description
12:5	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
29	3290-378	1	Tie-Cable

● Use dielectric grease on all wiring harness connectors.

Notes:

Notes:

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