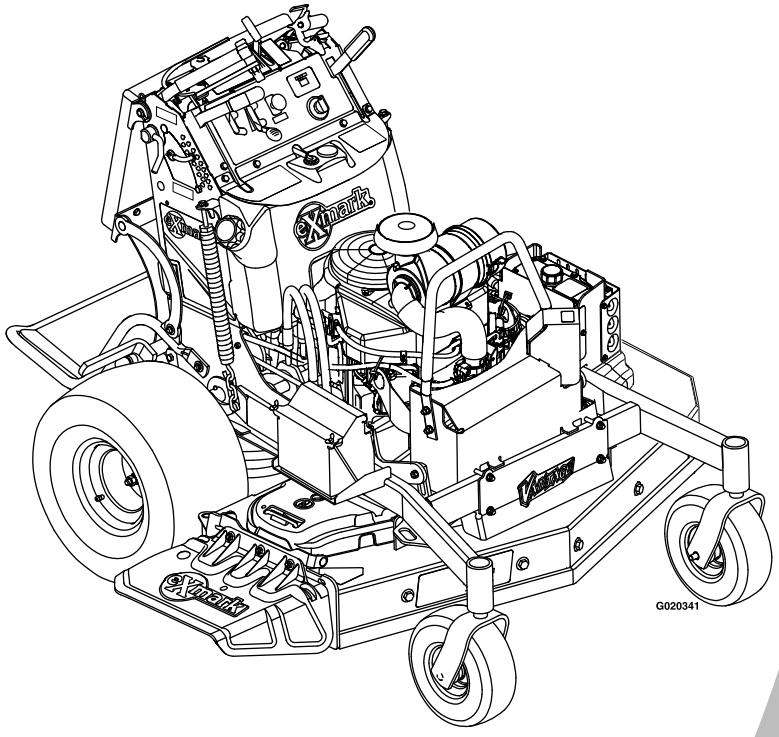
VANTAGE® X-SERIES

Model No. VTX651GKA48400—Serial No. 315000000 and Up

Picture below may not reflect actual product.



Parts Manual

Part No. 4502-228 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

HP: high pressure

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: low pressure

LPG: Liquefied Petroleum Gas

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

SFH: slotted fillister head

SHH: slotted hex head

SHWH: slotted hex washer head

SPH: slotted pan head

SQH: square head

SRH: slotted round head

STD: standard

TAP: self tapping

TTH: torx truss head

Touch Up Paint

Exmark black touch up spray paint – gloss black.

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

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Beatrice, NE 68310

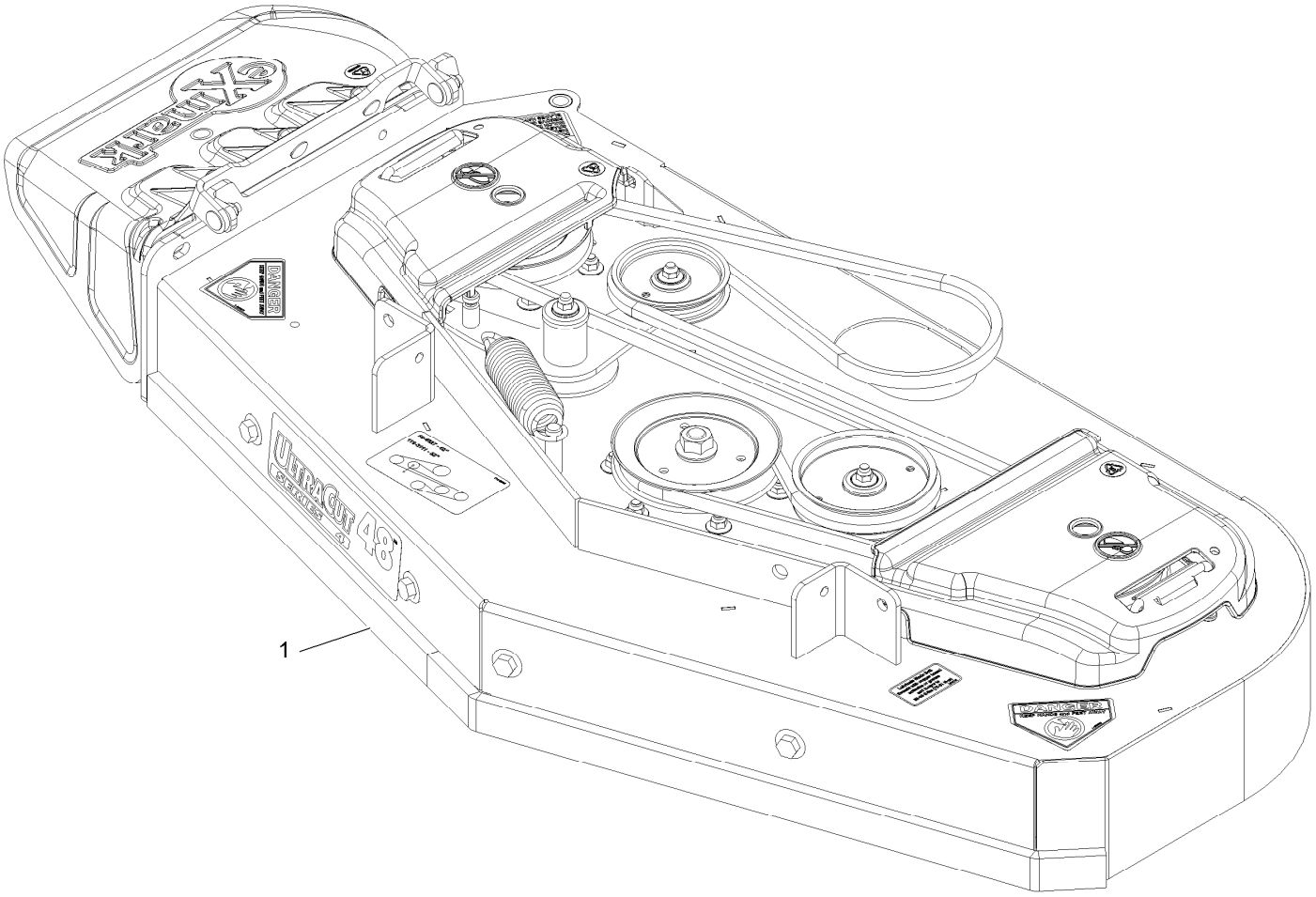
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If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark Dealer for details.)

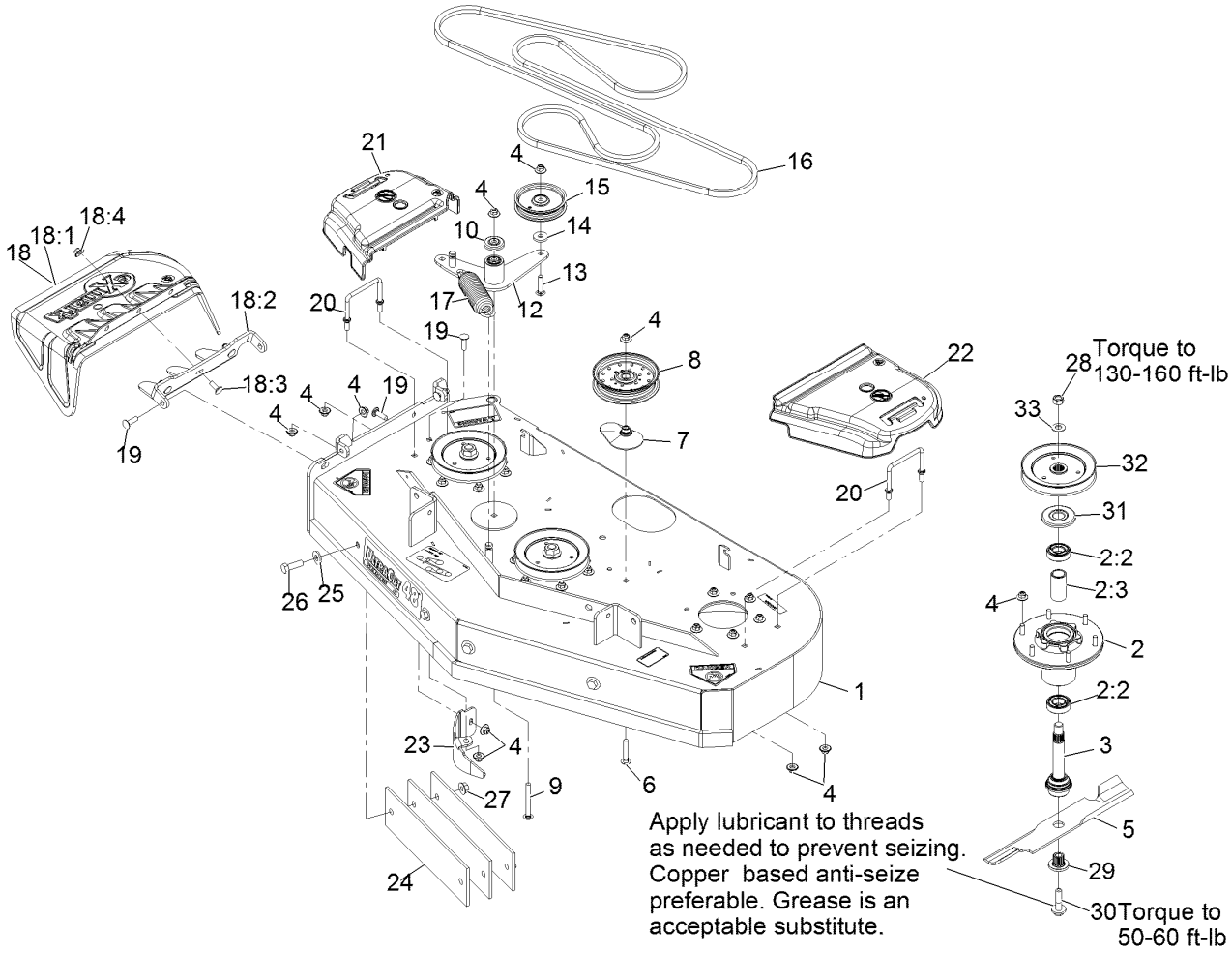
Contents

Complete Deck Assembly 4
Deck Assembly 5
Deck W/Decals Assembly No. 116-3999 6
Idler Arm Assembly No. 116-3806 7
Main Frame Assembly 8
Tower W/Decals Assembly No. 116-8854 9
Wheel and Bearing Assembly No. 112-3810 10
Park Brake Assembly 12
Deck Lift Assembly 13
Platform Group 15
Cushion Assembly No. 126-1210 16
Platform Assembly No. 116-1804 17
Ground Drive Assembly 18
Pump Idler Assembly No. 116-9980 20
Controls Assembly 21
Vertical Adjust Link Assembly No. 116-7738 23
Rod Assembly No. 116-7756 24
Rod Assembly No. 116-8681 25
Engine Assembly 26
Fuel Assembly 27
Fuel Tank Assembly No. 116-4577 28
Electrical Assembly 29



Complete Deck Assembly

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

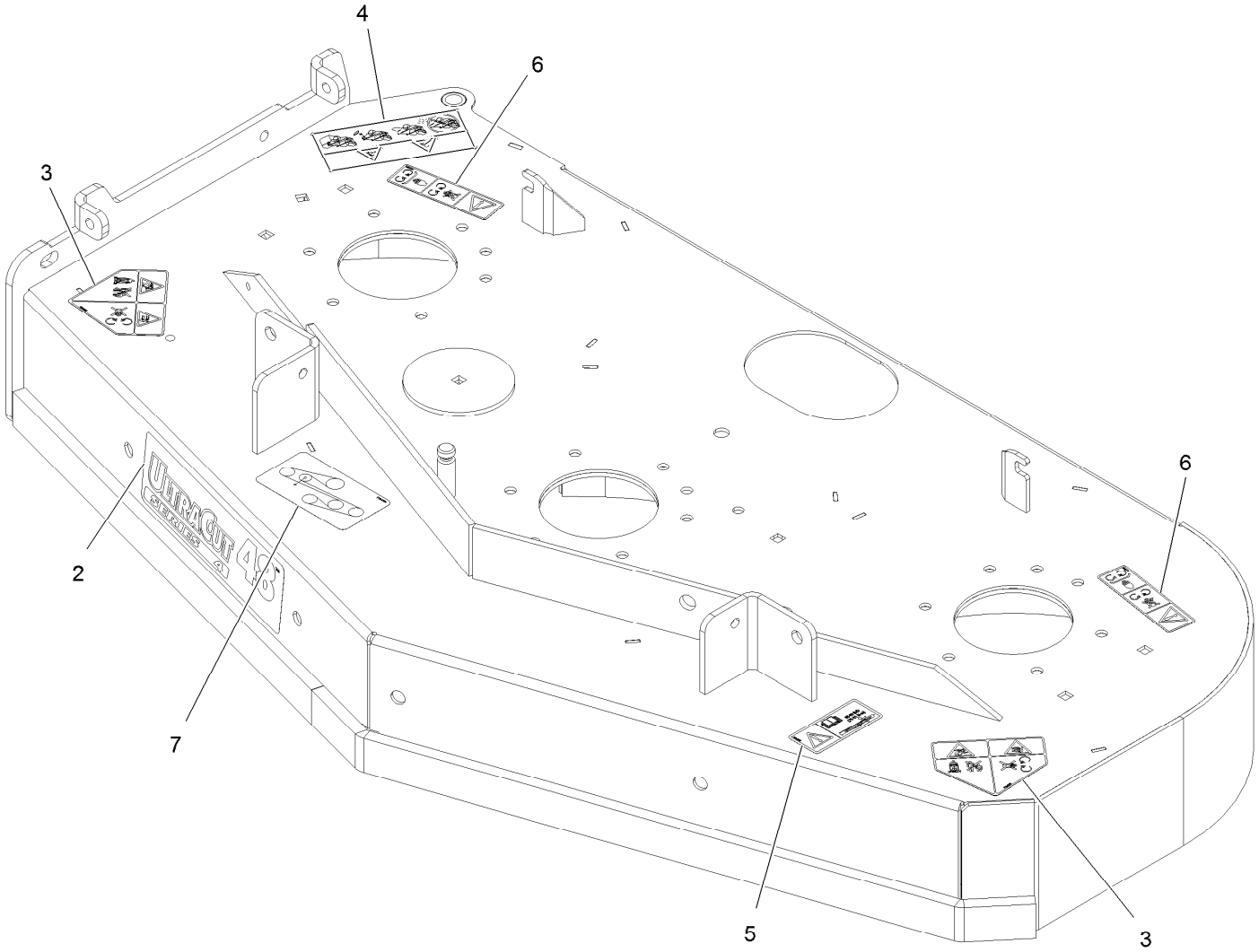


Deck Assembly

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

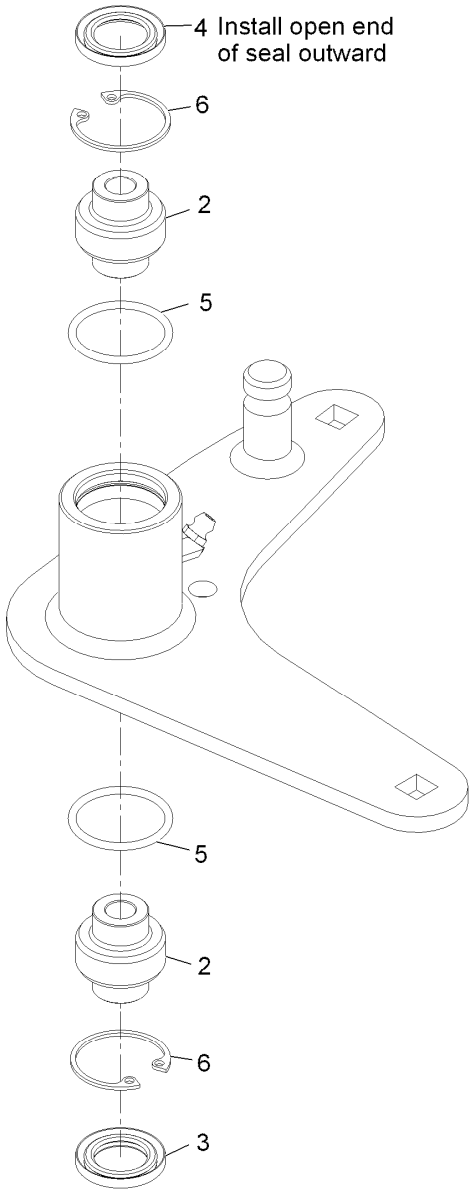
Ref.	Part Number	Qty.	Description
17	116-6317	1	Spring-Extension
18	109-7188	1	ASM,Discharge Chute
18:1	109-2738	1	Chute, Discharge
18:2	109-8675-01	1	Bracket,Discharge Chute
18:3	3231-22	3	Bolt-Carriage 3/8-16 X 1
18:4	109-6658	3	Nut-Nyloc 3/8-16 Flg
19	3231-28	4	Bolt-Carriage 3/8-16 X 1 1/4
20	109-6982	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.



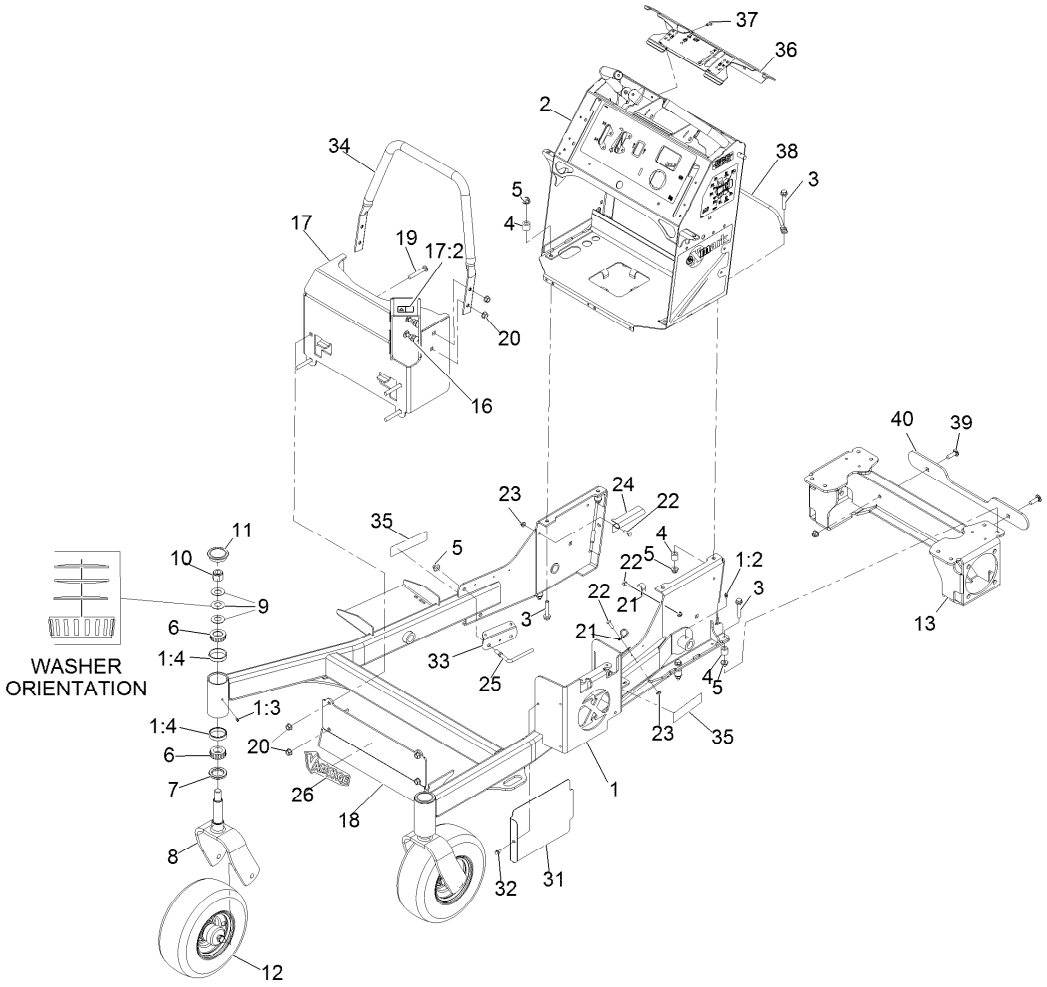
Deck W/Decals Assembly No. 116-3999

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

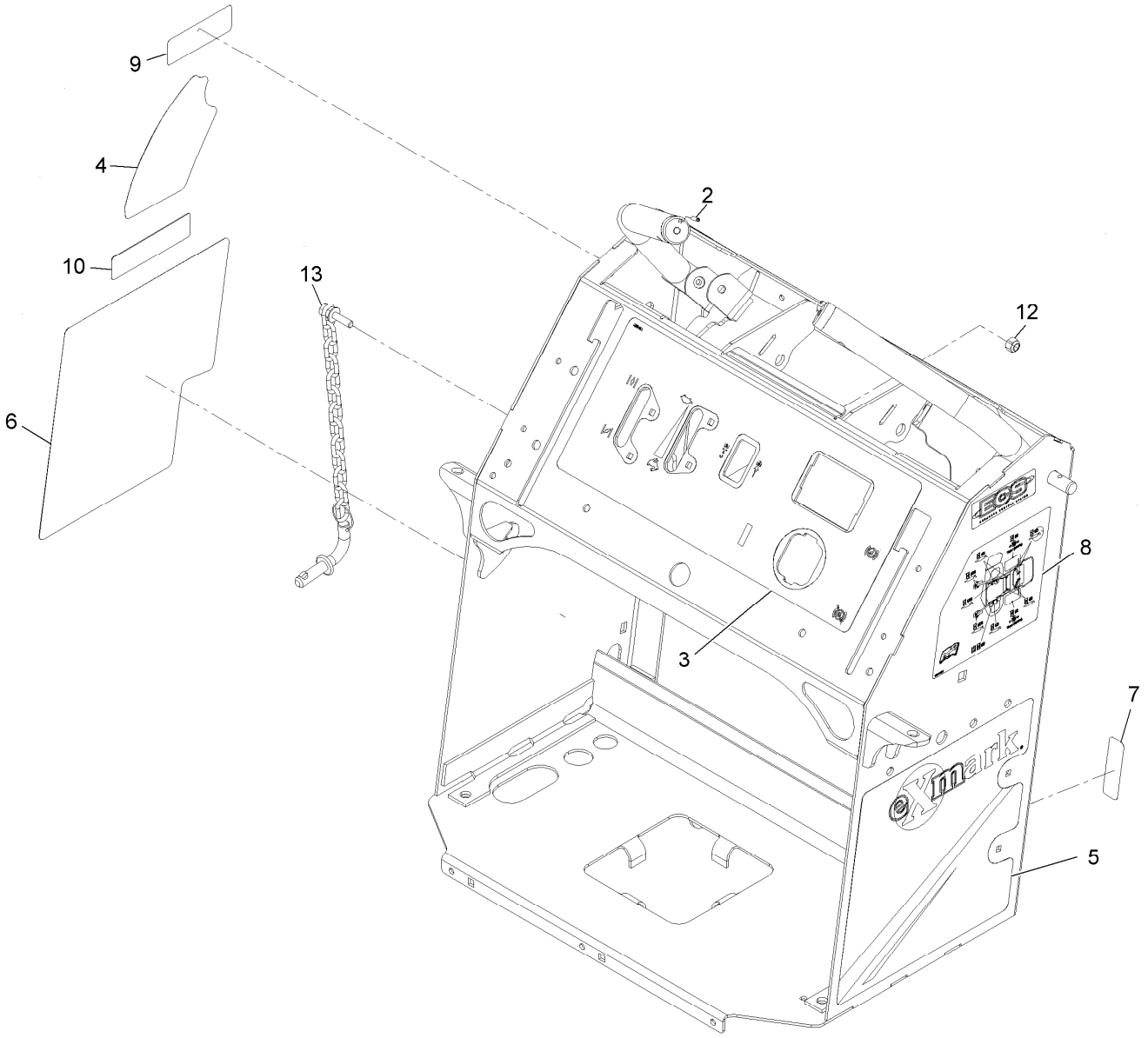
Ref.	*Part Number*	*Qty.*	*Description*
2	103-3504	2	Bearing-Spherical
3	103-3505	1	Seal-Double Lip
4	103-3506	1	Seal-Single Lip
5	106-7159	2	O-Ring
6	32120-10	2	Ring-Retaining



Main Frame Assembly

Ref.	Part Number	Qty.	Description
1	116-7045	1	Front Frame ASM
1:2	302-5	4	Zerk 1/4-28 Str Thrd Forming
1:3	1-811010	2	Plug
1:4	1-543508	4	Cup-Bearing Tapered Roller
2	116-8854	1	Tower Assembly
3	108-3742	8	Screw-HH Flg 3/8-16 X 2
4	121-1760	8	Spacer
5	104-8301	12	Nut-Nyloc 3/8-16 Flg
6	1-543509	4	Cone-Bearing Tapered Roller
7	116-5647	2	Seal-Grease
8	121-7988-01	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
13	116-9560-03	1	Motor Frame Weldment [black]
16	3231-22	4	Bolt-Carriage 3/8-16 X 1
17	126-5015	1	ASM, Muffler Guard W/ Decal

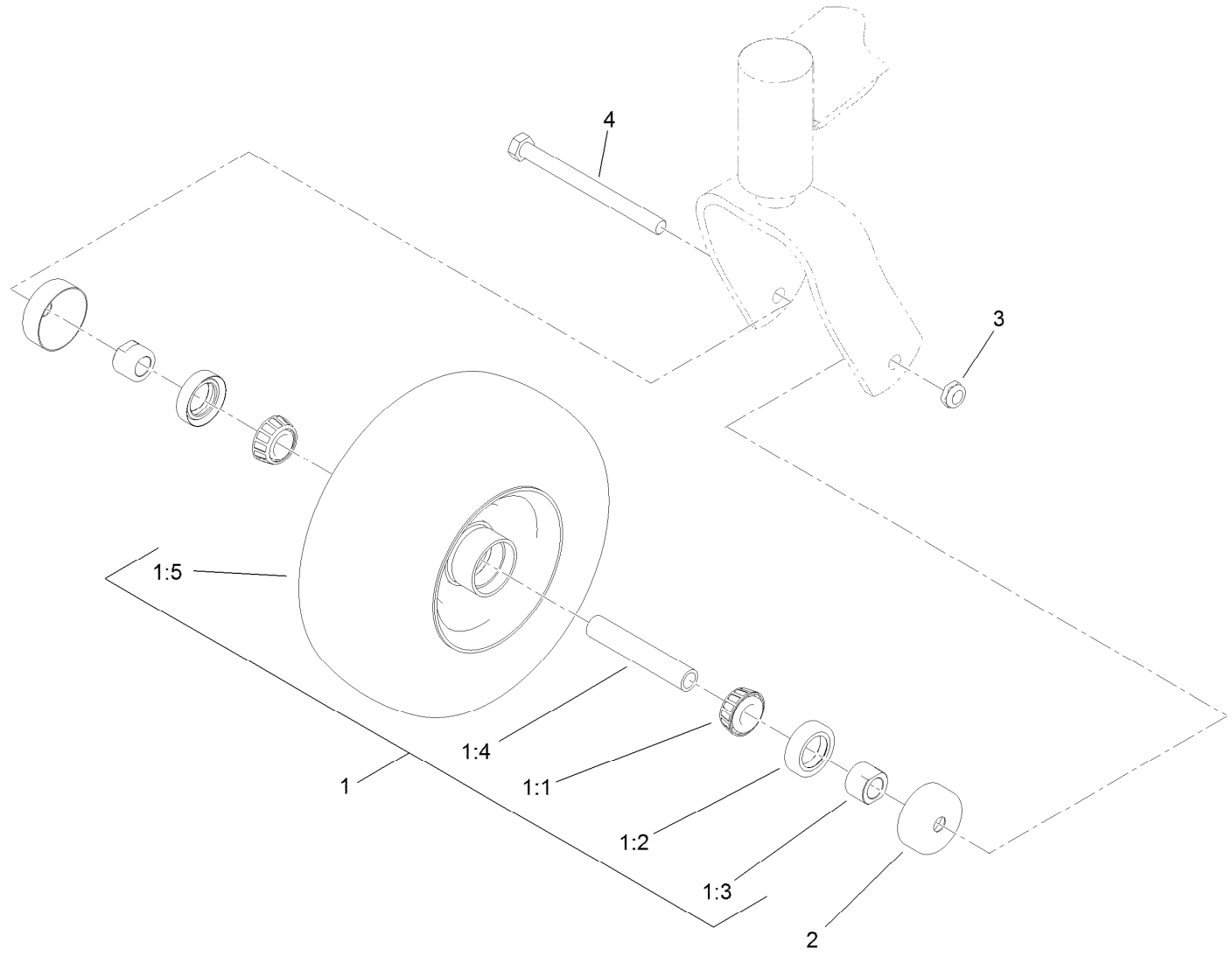
Ref.	Part Number	Qty.	Description
17:2	106-5517	1	Decal-Warning, Hot Surface
18	116-3113-01	1	Panel-Guard
19	3231-31	4	Bolt-Carriage 3/8-16 X 2 1/2
20	32128-21	8	Nut-3/8-16 Flanged Side Lock
21	2412-87	1	Clamp-Cable
22	321-4	2	Screw-HH 1/4-20 X 3/4
23	104-7201	2	Nut-Nyloc 1/4-20 Flg
24	116-5067	1	Bracket-Hose, Fuel (Double)
25	116-3382	2	Guide-Hose, Support
26	116-3137	1	Decal-Vantage Logo
31	116-6981-01	1	Shield-Heat, Tall
32	32144-4	1	Screw-HWH 1/4-20 X 1/2 Taptite
33	116-6997-01	2	Guard-Hose
34	116-8152-03	1	Tube-Guard
35	116-3883	2	Decal-X-Series
36	116-8859	1	Control Pannel W/Decals
37	63-8590	2	Screw-Button Head 1/4-20 X .62 Tf
38	116-7688	1	Rod, Guard
39	3231-22	2	Bolt-Carriage 3/8-16 X 1
40	126-1364-03	1	Plate, Bumper Spacer



Tower W/Decals Assembly No. 116-8854

Ref.	*Part Number*	*Qty.*	*Description*
2	126-2925	2	Pin-Spring
3	116-9321	1	Decal-Control Panel Ecs
4	116-2040	1	Decal-Height Of Cut
5	116-4269	1	Decal-LH Panel
6	116-1909	1	Decal-RH Panel
7	116-8772	1	Decal-Fuse
8	116-9164	1	Decal-Service Aid
9	116-9165	2	Decal-Ecs Logo
10	117-2718	1	Decal-Arrester, Spark
12	3296-42	1	Nut-Nyloc 1/4-20
13	114-0409	1	HOC Pin ASM

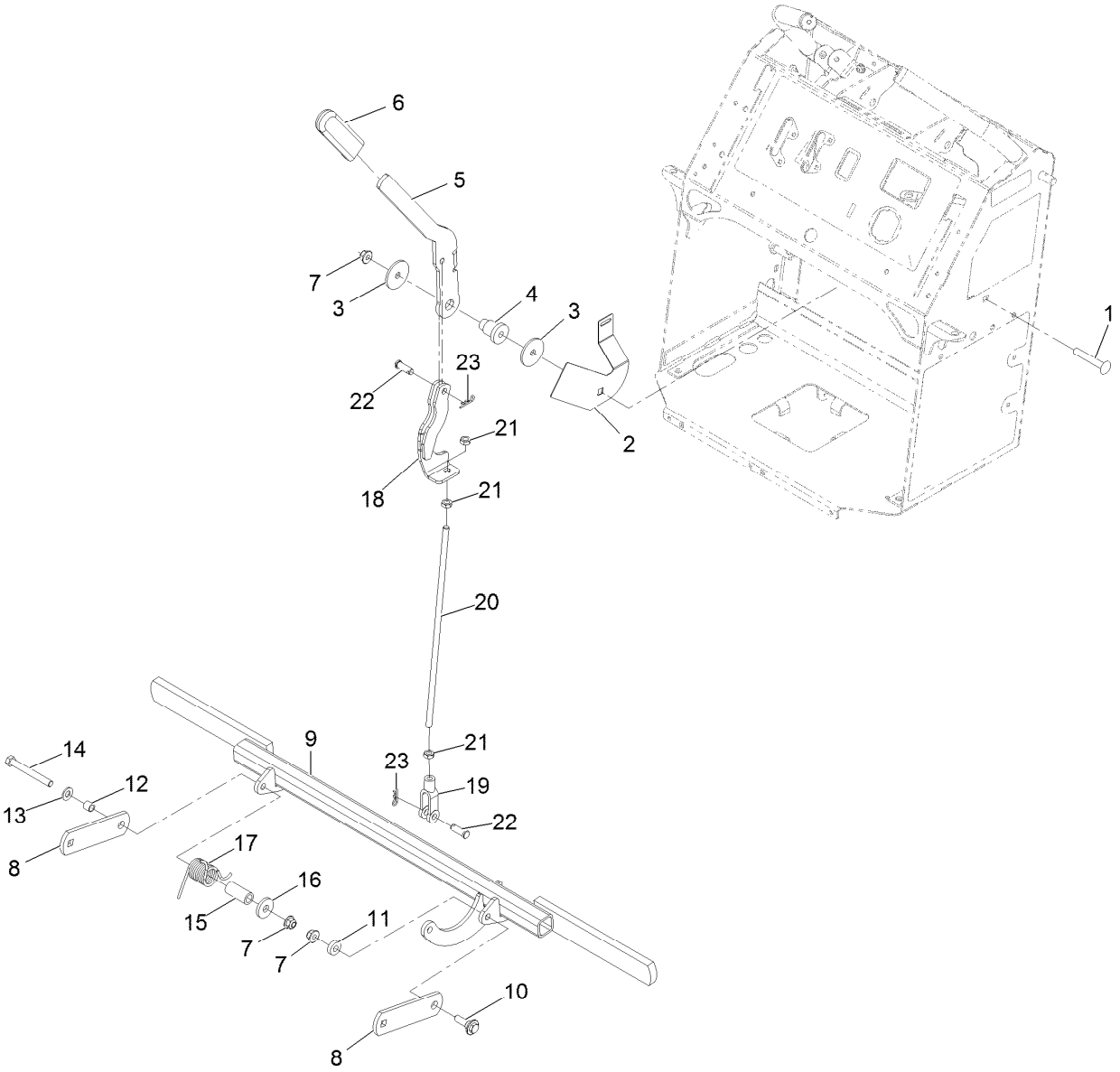
Wheel and Bearing Assembly No. 112-3810



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

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

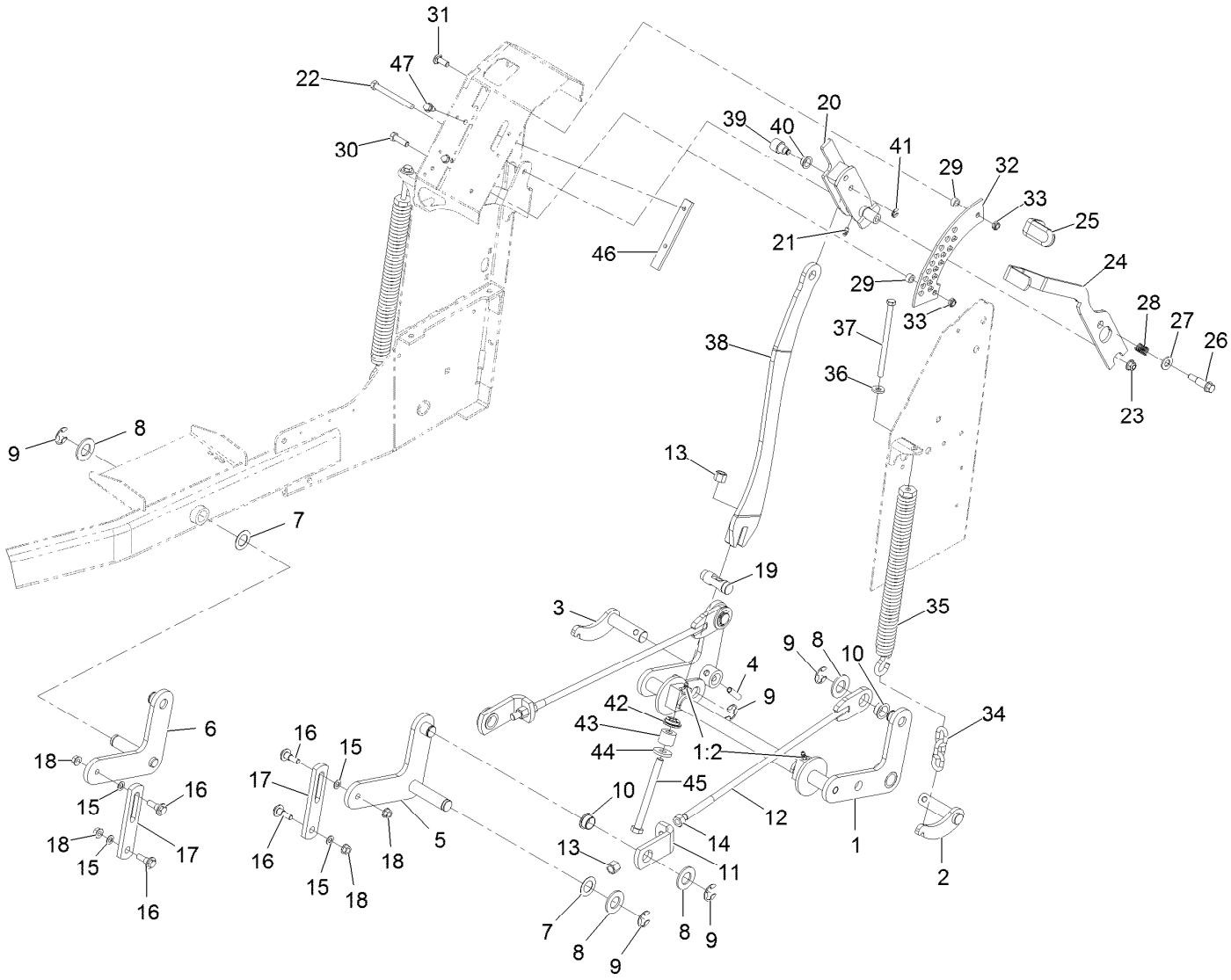
● Not serviced separately
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on spacer nut



Park Brake Assembly

Ref.	Part Number	Qty.	Description
1	3231-44	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

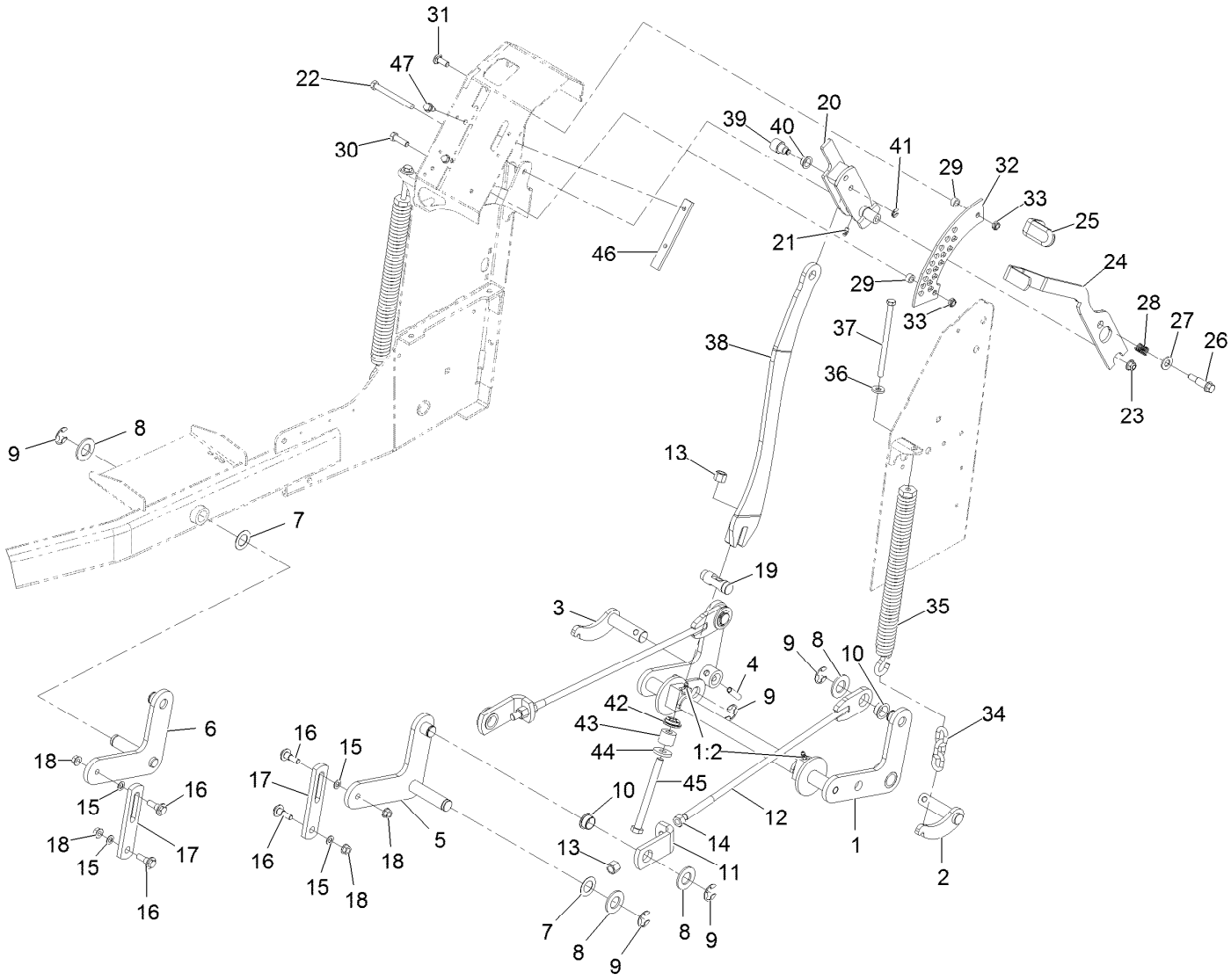
Ref.	Part Number	Qty.	Description
12	117-9684	1	Spacer
13	3256-24	1	Washer-3/8 Sae
14	323-20	1	Screw-HH 3/8-16 X 3-1/4
15	117-9683	1	Spacer
16	117-9682	1	Spring-Torsion
17	1-373034	1	Washer
18	119-8780-03	1	Arm-Brake
19	1-633131	1	Yoke-Linkage, Brake
20	119-7244	1	Rod-Brake
21	3220-3	3	Nut-Jam 3/8-24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



Deck Lift Assembly

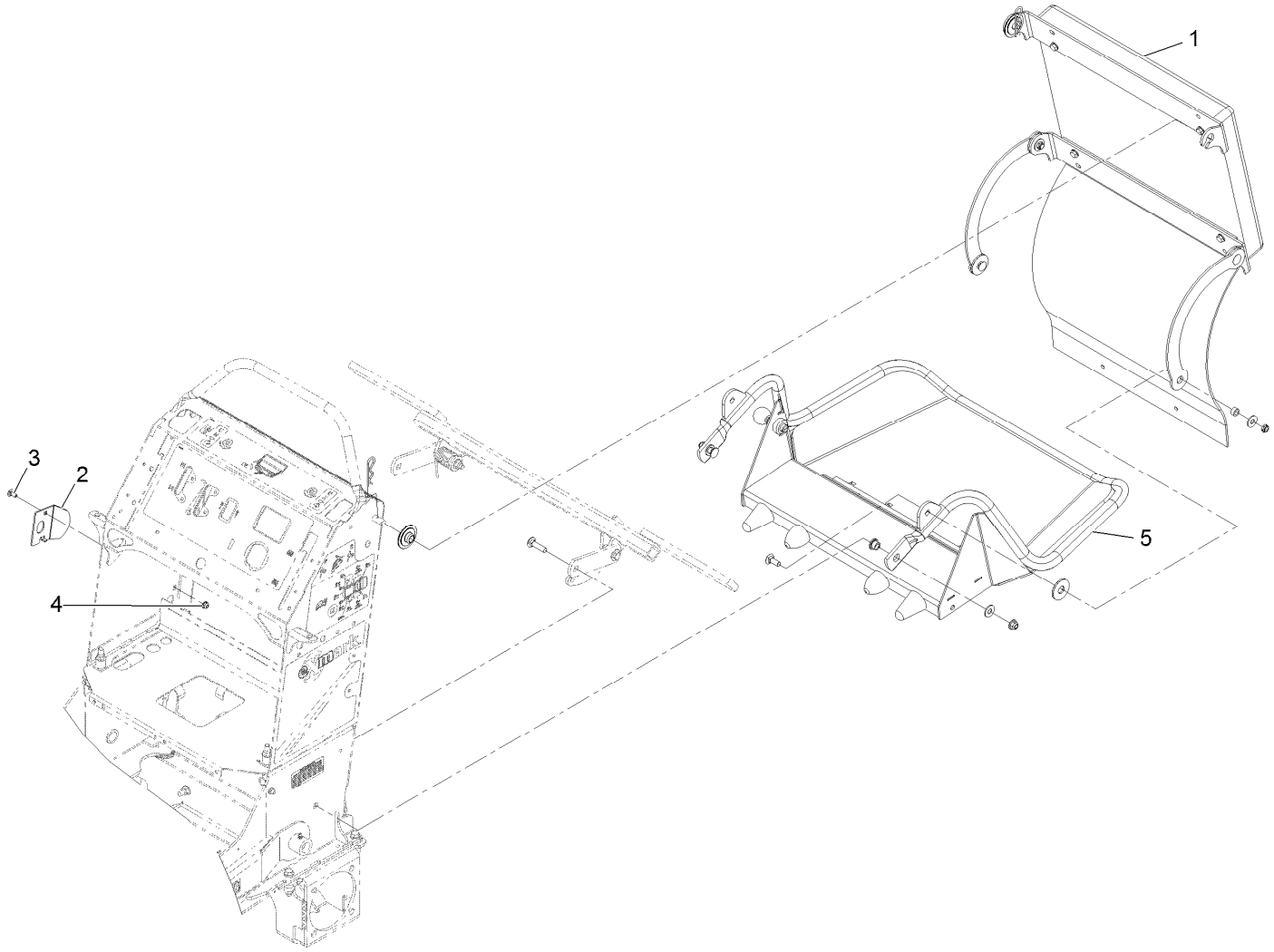
Ref.	Part Number	Qty.	Description
1	116-3103	1	Rear Crossshaft ASM
1:2	302-11	2	Zerk-45° 1/4-28
2	116-3104-01	1	Shaft-Pivot, LH
3	116-3105-01	1	Shaft-Pivot, RH
4	116-3107	2	Pin-Spiral
5	121-5993-01	1	Arm-Lift, LH
6	121-5994-01	1	Arm-Lift, RH
7	110-6767	2	Washer-Thrust
8	3256-29	6	Washer-7/8 Sae
9	32151-103	7	E-Ring
10	116-2909	4	Bearing-Flange
11	116-2901	2	Bracket-Lift Rod
12	116-8676	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

Ref.	Part Number	Qty.	Description
19	114-5274	1	Pin-HOC
20	114-3512	1	HOC Handle ASM
21	302-5	1	Zerk 1/4-28 Str Thrd Forming
22	323-42	1	Screw-HH 3/8-16 X 3 3/4
23	104-8301	1	Nut-Nyloc 3/8-16 Flg
24	114-1878-03	1	Lever-HOC
25	1-633268	1	Grip-Lever
26	66-0561	1	Screw-Shoulder
27	3256-26	1	Washer-1/2 Sae
28	65-9940	1	Spring
29	111044	2	Bushing
30	323-7	1	Screw-HH 3/8-16 X 1 1/4
31	3231-22	1	Bolt-Carriage 3/8-16 X 1
32	114-5307	1	Bracket-HOC
33	3296-59	2	Nut-Nyloc 3/8-16 Thin
34	103-9859	2	Chain-Decklift
35	116-0886	2	Extension Spring ASM
36	98-5975	2	Washer-Spring Disc 3/8
37	323-58	2	Bolt-HH 3/8-16 X 6 Tap
38	116-2939	1	Bar-Lift



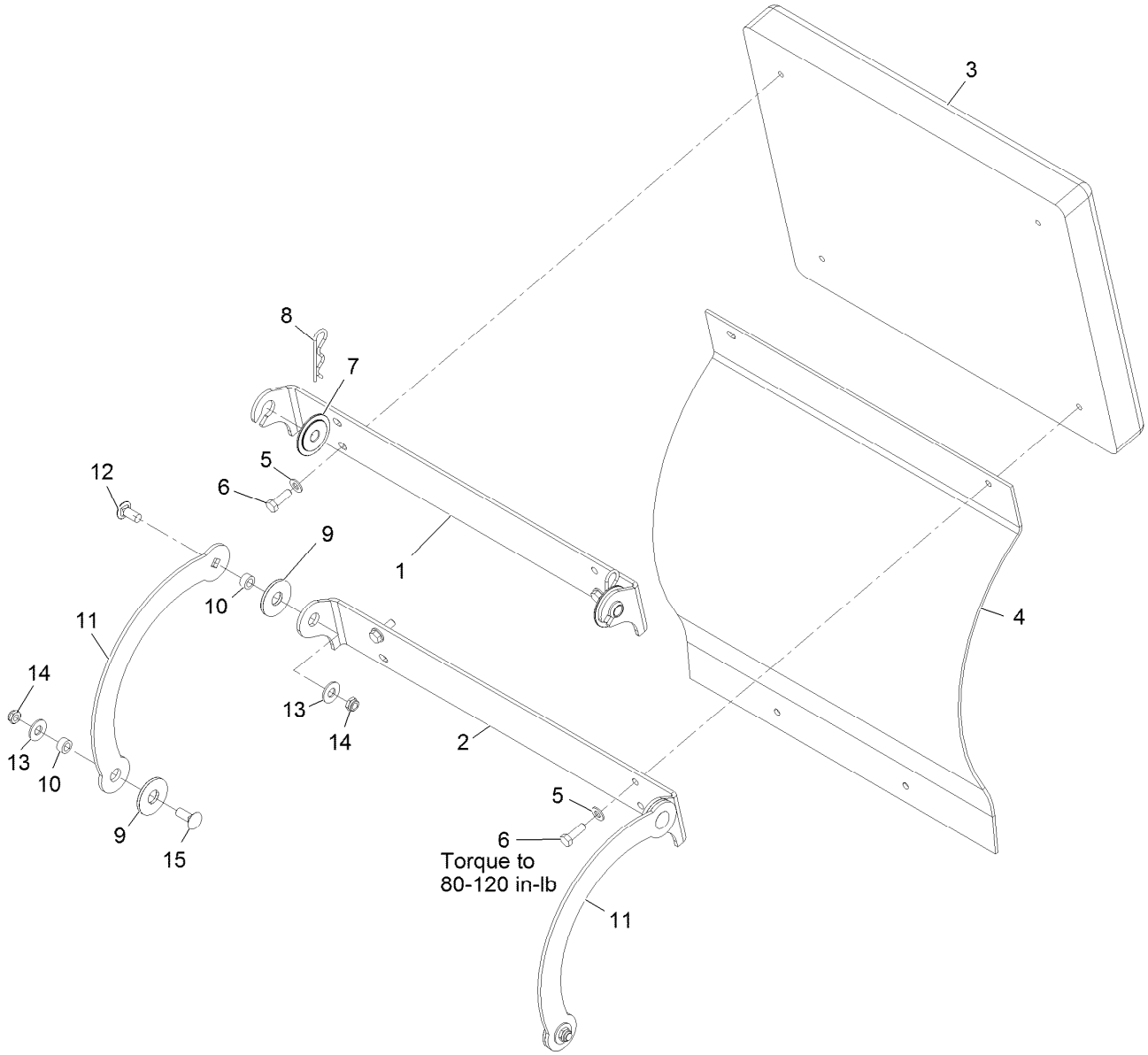
Deck Lift Assembly (continued)

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
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



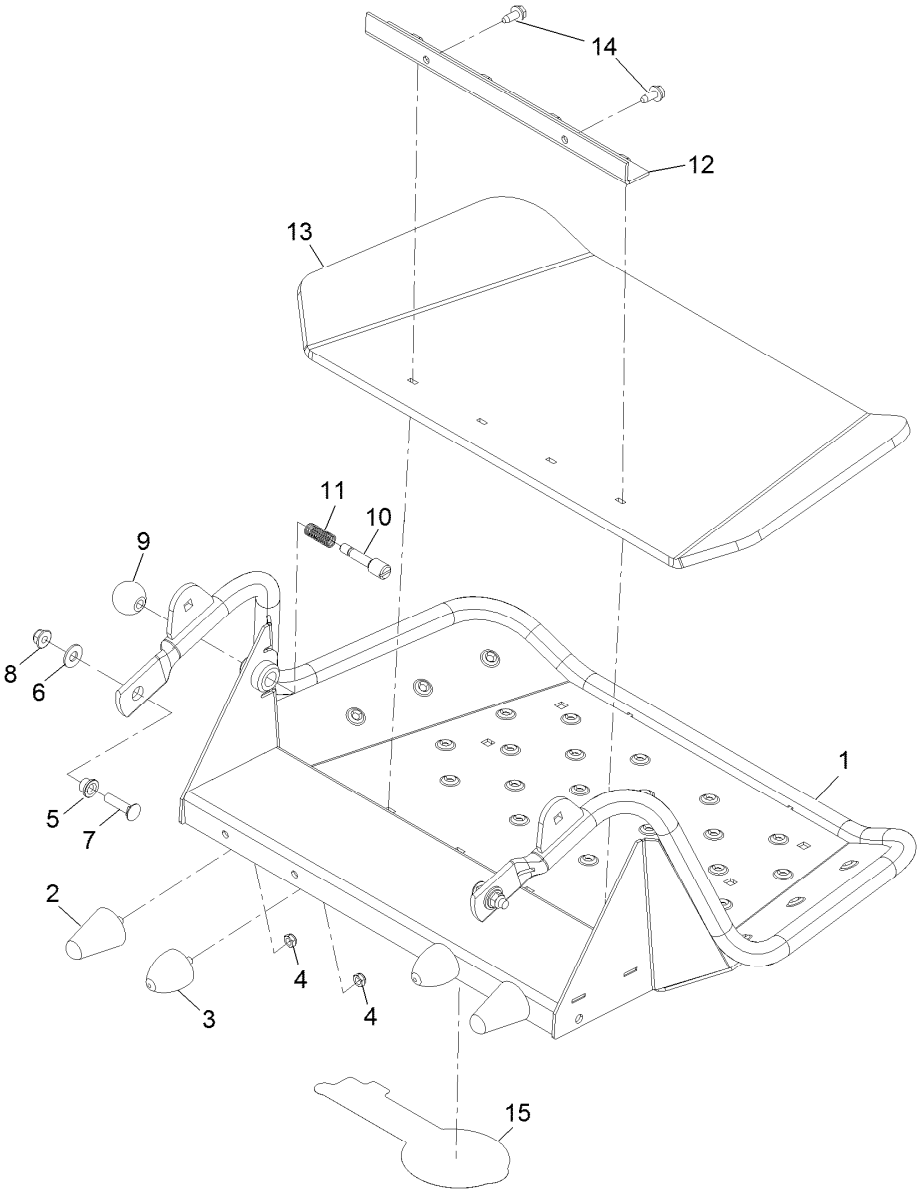
Platform Group

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

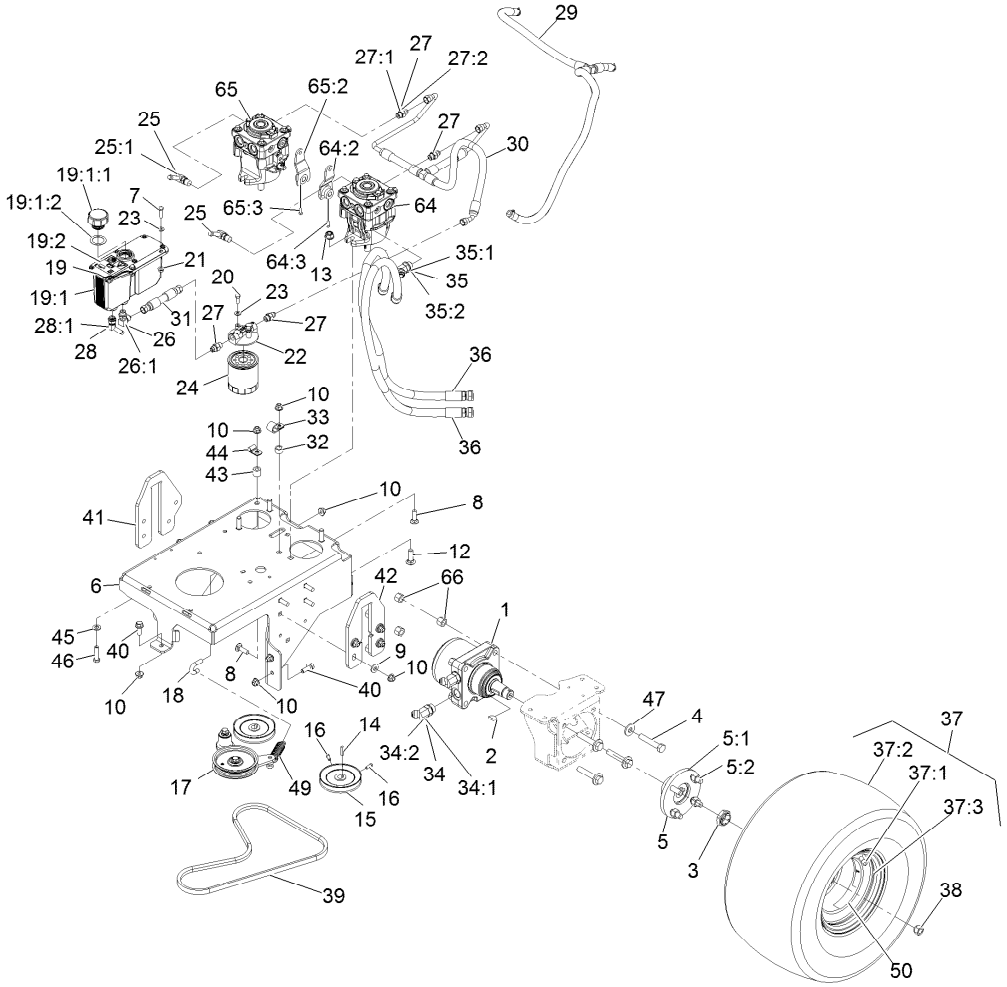
Ref.	*Part Number*	*Qty.*	*Description*
1	116-2757-03	1	Hinge-Pad
2	116-2061-03	1	Hinge-Pad
3	116-1790	1	Pad,Grey Cushion
4	126-0362	1	Shield, Rear
5	3256-23	4	Washer-5/16 Sae
6	116-0648	4	Screw-HH 5/16-18 X 1 W/Patch
7	116-2886	2	Slide-Bushing
8	3290-355	2	Pin-Hair
9	114-0463	4	Washer-Friction, Composite
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	126-1301	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	116-7796-01	1	Weldment, Frame
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
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 ●
19:1:1	103-1948	1	Cap-Reservoir, HYD

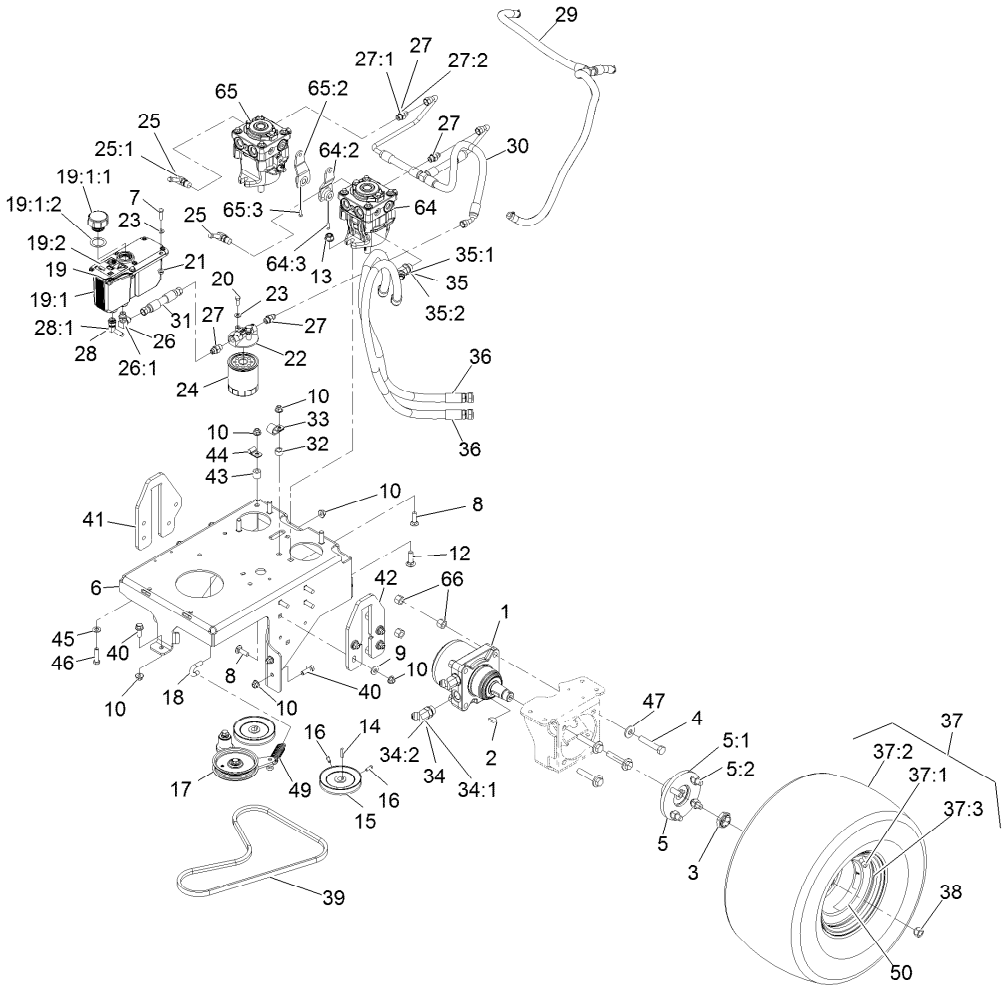
Ref.	Part Number	Qty.	Description
19:1:2	103-1949	1	Gasket-Cap
19:2	115-4212	1	Decal-Warning
20	321-4	2	Screw-HH 1/4-20 X 3/4
21	32128-32	2	Nut-Hex 1/4-20 Side Lock
22	104-7836	1	Filter-Head
23	3256-22	4	Washer-1/4 Sae
24	109-4180	1	Element, Oil Filter
25	100-4887	2	Fitting-Barbed, 90 DEG
25:1	237-42	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	116-9613	1	Asm-Hose
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
34:2	1-603992	1	O-Ring-37 Flare #8

● 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.

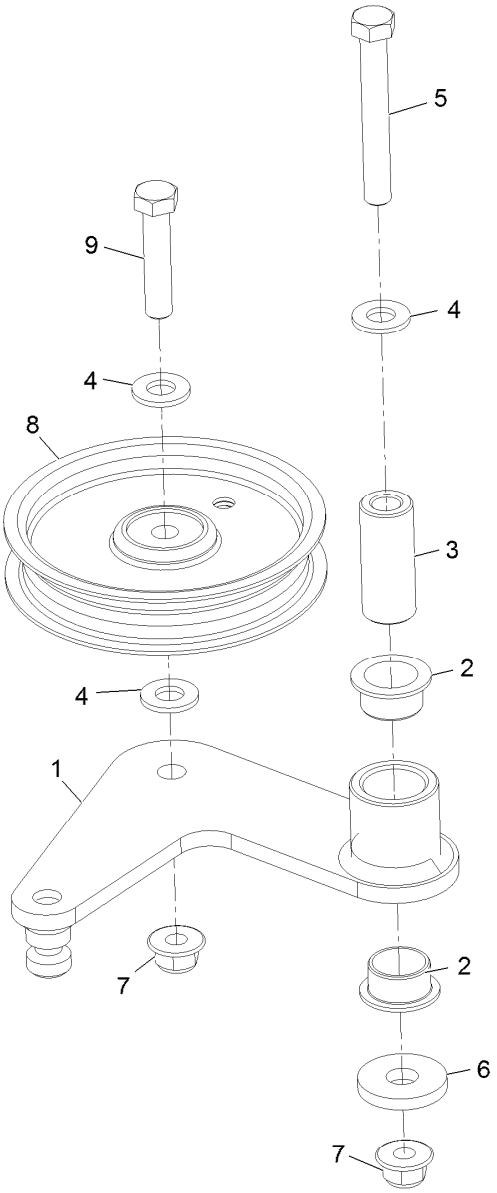


Ground Drive Assembly (continued)

Ref.	Part Number	Qty.	Description
35	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
41	116-4922	1	Plate-Lift, RH
42	116-3546	1	Plate, Lift LH
43	121-1760	1	Spacer

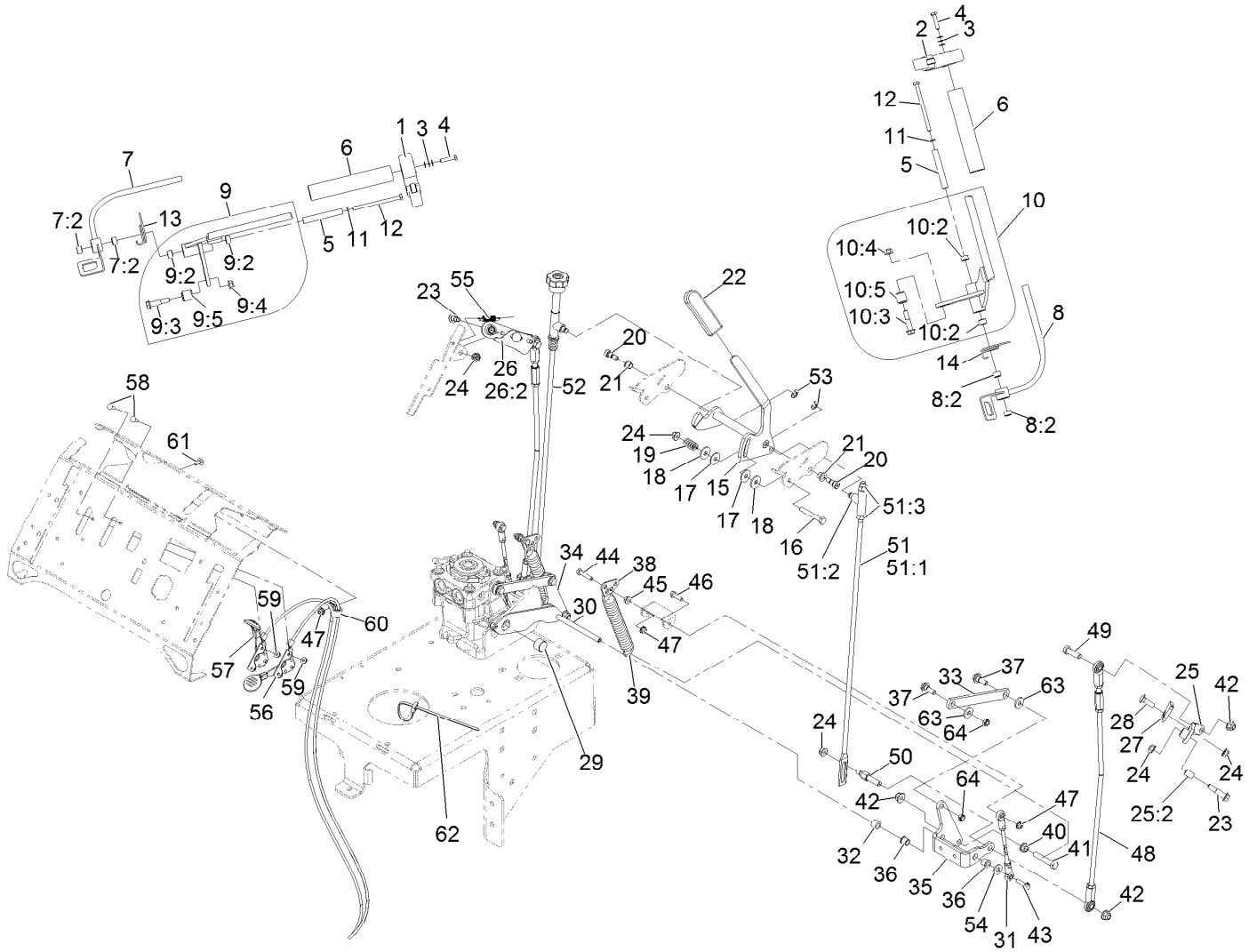
Ref.	Part Number	Qty.	Description
44	116-3362	1	Clip-Tube
45	3256-24	1	Washer-3/8 Sae
46	323-8	1	Screw-HH 3/8-16 X 1 1/2
47	1-513435	8	Washer-Spring Disc 1/2
49	108-4056	1	Spring-Extension
50	126-2055	2	Decal-Torque Wheel Lug-Hub
64	116-8846	1	Pump W/Arm - Left
64:2	126-0334	1	Arm-Hydro
64:3	3241-5	1	Setscrew-SQH 1/4-20 X 5/8
65	116-8847	1	Pump W/Arm -Right
65:2	126-0334	1	Arm-Hydro
65:3	3241-5	1	Setscrew-SQH 1/4-20 X 5/8
66	3296-23	8	Nut-Nyloc 1/2-13

● 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

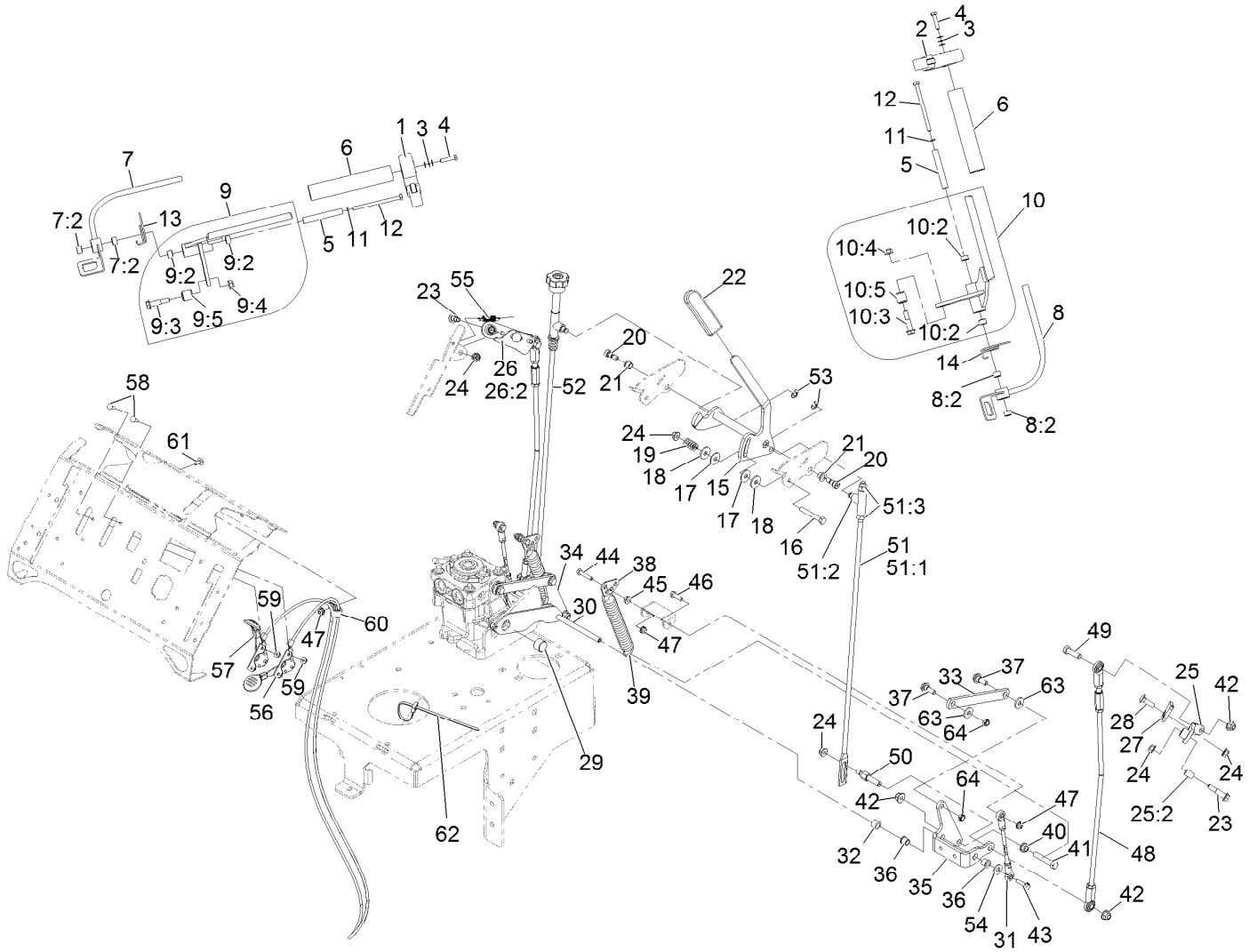
Ref.	*Part Number*	*Qty.*	*Description*
1	116-8717	1	Idler Arm ASM
2	109-8054	2	Bushing-Flanged
3	116-8718	1	Spacer, Pivot
4	3256-24	3	Washer-3/8 Sae
5	323-13	1	Screw-HH 3/8-16 X 2 3/4
6	1-373034	1	Washer
7	104-8301	2	Nut-Nyloc 3/8-16 Flg
8	93-1622	1	Pulley-Idler
9	323-9	1	Screw-HH 3/8-16 X 1 3/4



Controls Assembly

Ref.	Part Number	Qty.	Description
1	103-1371	1	Thumb Latch Asm RH
2	103-1372	1	Thumb Latch Asm LH
3	1-303435	6	Washer-Spring Disc 1/4
4	103-0235	2	Screw-HH 1/4-20 X 1 1/8 W/Nylon
5	116-7725	2	Tube
6	103-0815	2	Grip-Bar, Handle
7	116-7902	1	Opc-W/Bushing, RH
7:2	1-413152	2	Bushing-Sleeve
8	116-7903	1	Opc-W/Bushing, LH
8:2	1-413152	2	Bushing-Sleeve
9	116-7766	1	ASM, Control-RH
9:2	1-413152	2	Bushing-Sleeve
9:3	116-8607	1	Screw-Shoulder
9:4	104-8300	1	Nut-Nyloc 5/16-18 Flg
9:5	116-8627	1	ASM, Roller
10	116-7767	1	ASM, Control
10:2	1-413152	2	Bushing-Sleeve
10:3	116-8607	1	Screw-Shoulder
10:4	104-8300	1	Nut-Nyloc 5/16-18 Flg
10:5	116-8627	1	ASM, Roller

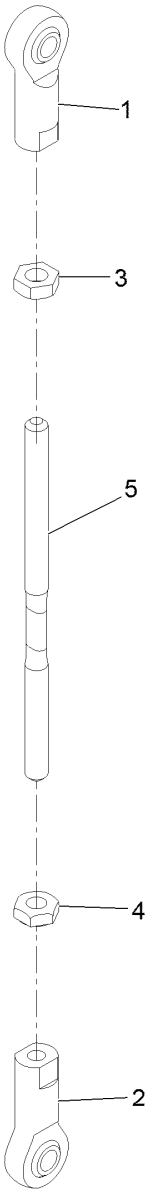
Ref.	Part Number	Qty.	Description
11	3253-3	2	Washer-Lock 1/4
12	321-28	2	Screw-HH
13	116-7774	1	Spring, Torsion
14	116-7768	1	Spring, Torsion
15	126-0302	1	Speed Control ASM
16	322-11	1	Screw-HH 5/16-18 X 2 1/4
17	1-323244	2	Washer-Friction
18	1-603716	2	Washer-Friction Disc
19	1-323245	1	Spring-Compression
20	1-809056	2	Screw-Sh 5/16-18 X 1 3/8
21	116-8615	2	Bushing
22	103-5994	1	Grip-Handle, Steering
23	116-8607	2	Screw-Shoulder
24	104-8300	7	Nut-Nyloc 5/16-18 Flg
25	116-8821	1	Arm ASM-Left
25:2	116-8610	1	Sleeve-Bearing
26	116-8824	1	Arm ASM -Right
26:2	116-8610	1	Sleeve-Bearing
27	116-9935	2	Ramp
28	3230-2	2	Bolt-Carriage 5/16-18 X 1
29	116-4203	1	Pin-Bellcrank Link Retaining



Controls Assembly (continued)

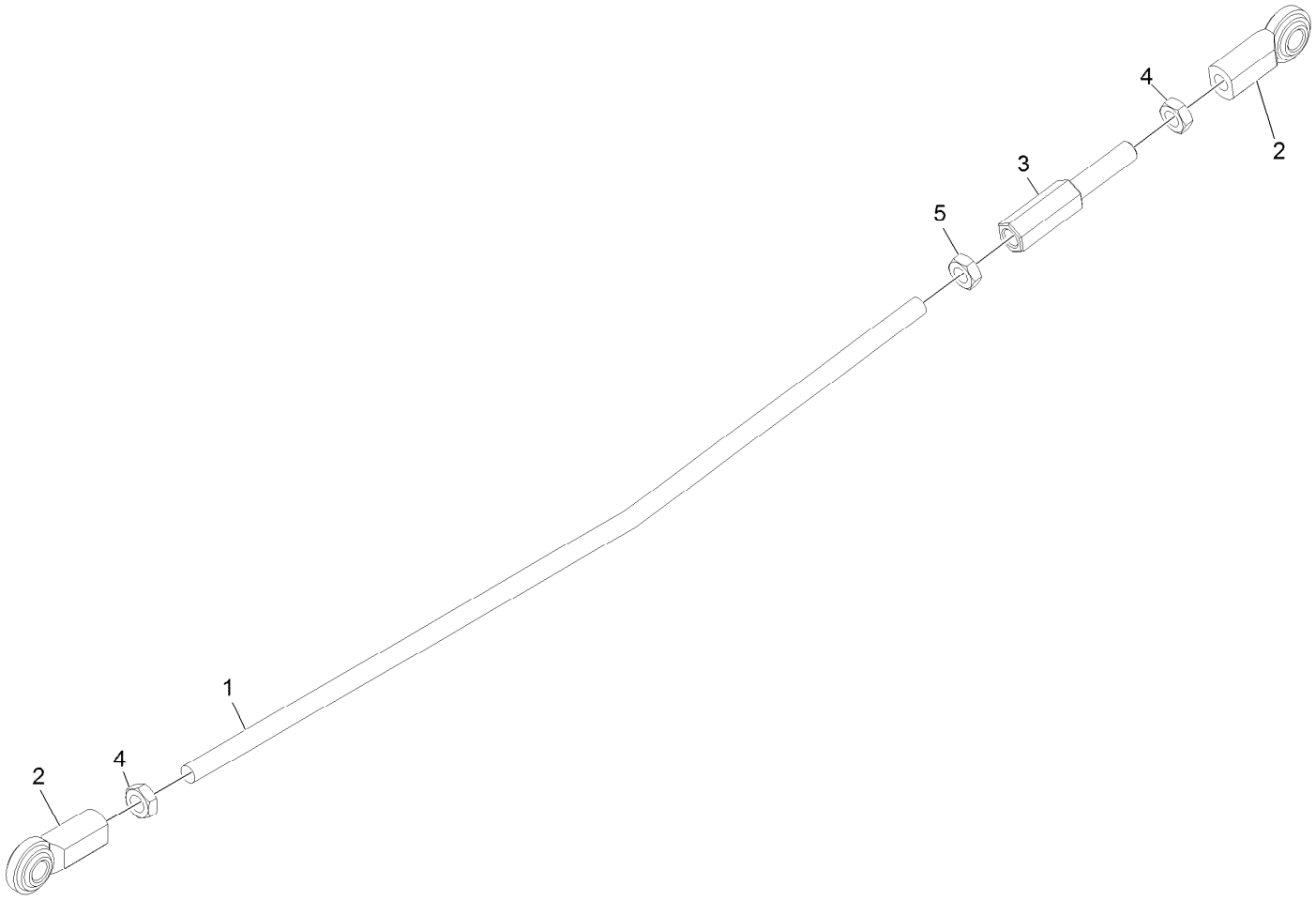
Ref.	Part Number	Qty.	Description
30	116-8563	1	Bellcrank Link ASM
31	116-7738	2	ASM, Link
32	52-2480	2	Spacer-Wheel
33	116-4208	2	Link-Bellcrank, Pump
34	126-0335	1	Bellcrank-Lower, Rt
35	126-0336	1	Bellcrank-Lower, Lt
36	103-9928	4	Bearing
37	116-2670	4	Screw-Shoulder HHF 5/16-18 X .96
38	126-0535	2	Link, Adjustable
39	1-603402	2	Spring-Extension
40	3290-357	2	Nut-Whizlock 3/8-16
41	323-10	2	Screw-HH 3/8-16 X 2
42	104-8301	6	Nut-Nyloc 3/8-16 Flg
43	120-4654	2	Screw-HHF
44	321-8	2	Screw-HH 1/4-20 X 1 1/4
45	32128-33	2	Nut-Whizlock 1/4-20
46	321-5	2	Screw-HH 1/4-20 X 7/8
47	104-7201	5	Nut-Nyloc 1/4-20 Flg
48	116-7756	2	ASM, Rod

Ref.	Part Number	Qty.	Description
49	323-7	2	Screw-HH 3/8-16 X 1 1/4
50	116-9167	2	Stud-Control, Speed
51	116-8679	1	ASM, Rod Left
51:1	116-9938	1	Rod, Left
51:2	116-8683	1	Swivel
51:3	3220-3	2	Nut-Jam 3/8-24
52	116-8681	1	ASM, Rod Right
53	32151-47	2	Ring-Retaining
54	66-2920	2	Washer-Friction
55	114-0249	2	Spring-Extension
56	116-4276	1	Control-Throttle
57	116-4277	1	Control-Choke
58	1-807533	4	Bolt-Carriage #10-24 X 5/8
59	32128-17	4	Nut-Flange #10-24 Top Lock
60	2412-87	1	Clamp-Cable
61	3229-11	1	Bolt-Carriage 1/4-20 X 5/8
62	3290-378	1	Tie-Cable
63	4-2390	4	Washer-Flat
64	3296-47	4	Nut-Nyloc 5/16-18 Thin



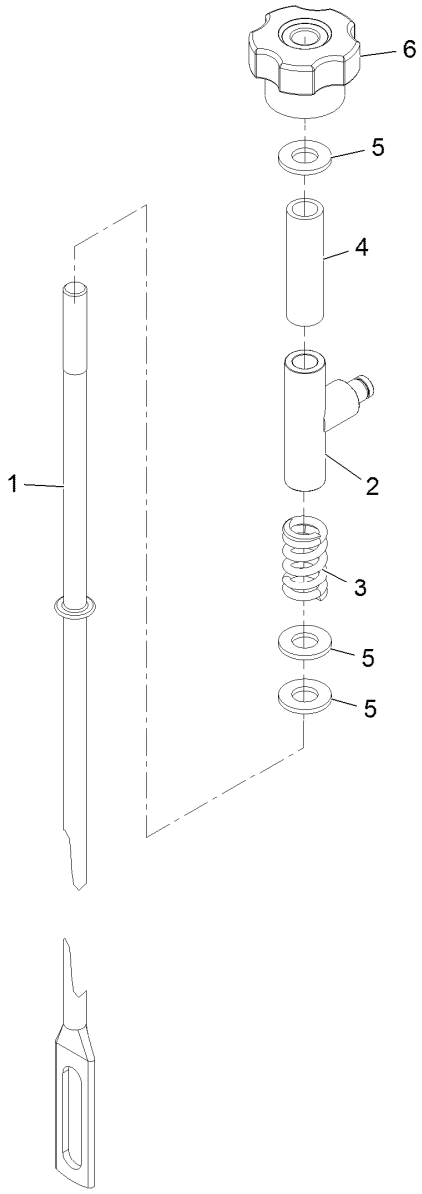
Vertical Adjust Link Assembly No. 116-7738

Ref.	*Part Number*	*Qty.*	*Description*
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	116-7737	1	Rod



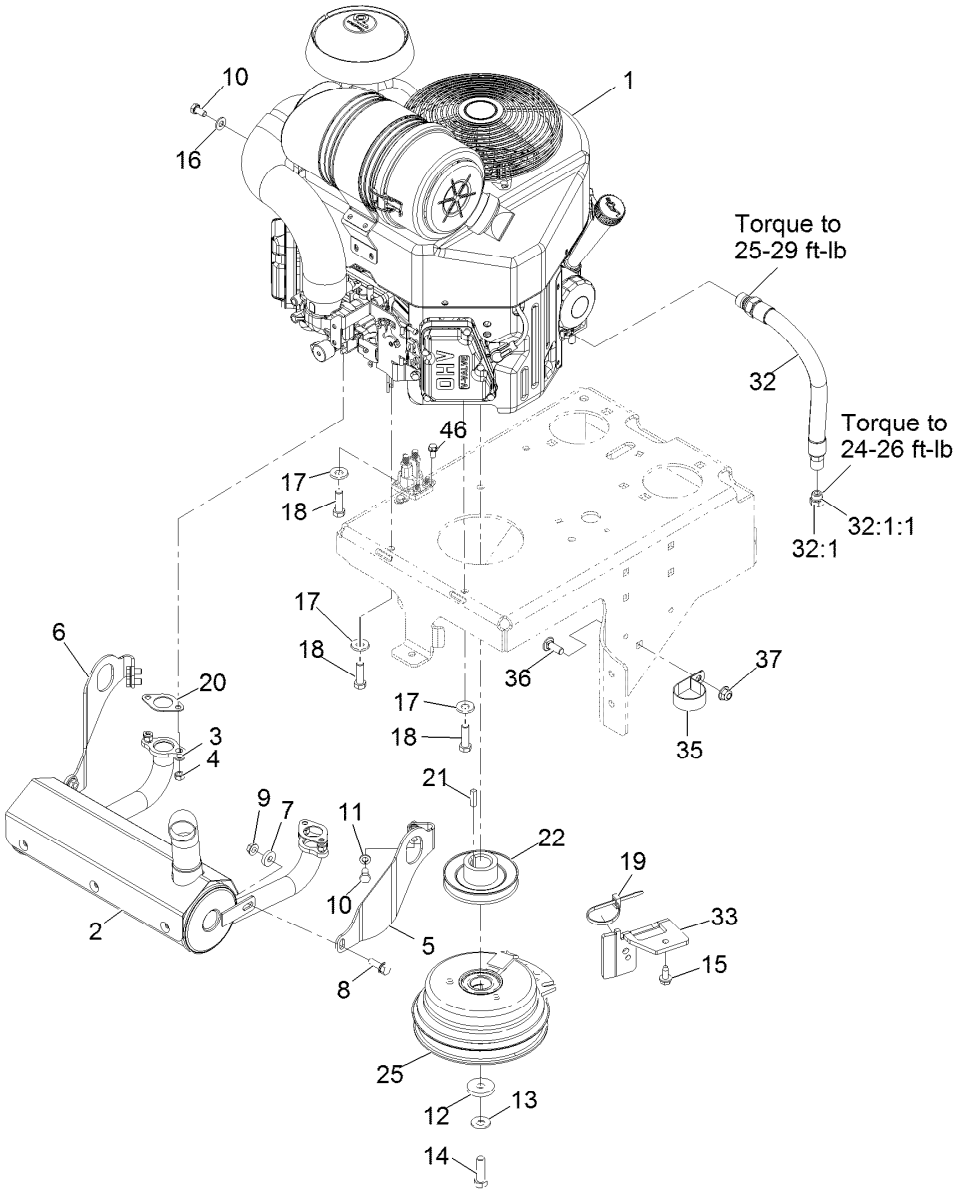
Rod Assembly No. 116-7756

Ref.	*Part Number*	*Qty.*	*Description*
1	116-9937	1	Link-Lower, Motion Control
2	103-0608	2	Balljoint
3	116-4755	1	Rod-Adjustment
4	3220-3	2	Nut-Jam 3/8-24
5	3220-16	1	Nut-Jam 3/8-24 LH



Rod Assembly No. 116-8681

Ref.	*Part Number*	*Qty.*	*Description*
1	116-9939	1	Rod, Right
2	116-8683	1	Swivel
3	116-7560	1	Spring-Compression
4	116-8684	1	Spacer
5	3256-24	3	Washer-3/8 Sae
6	116-9172	1	Knob



Engine Assembly

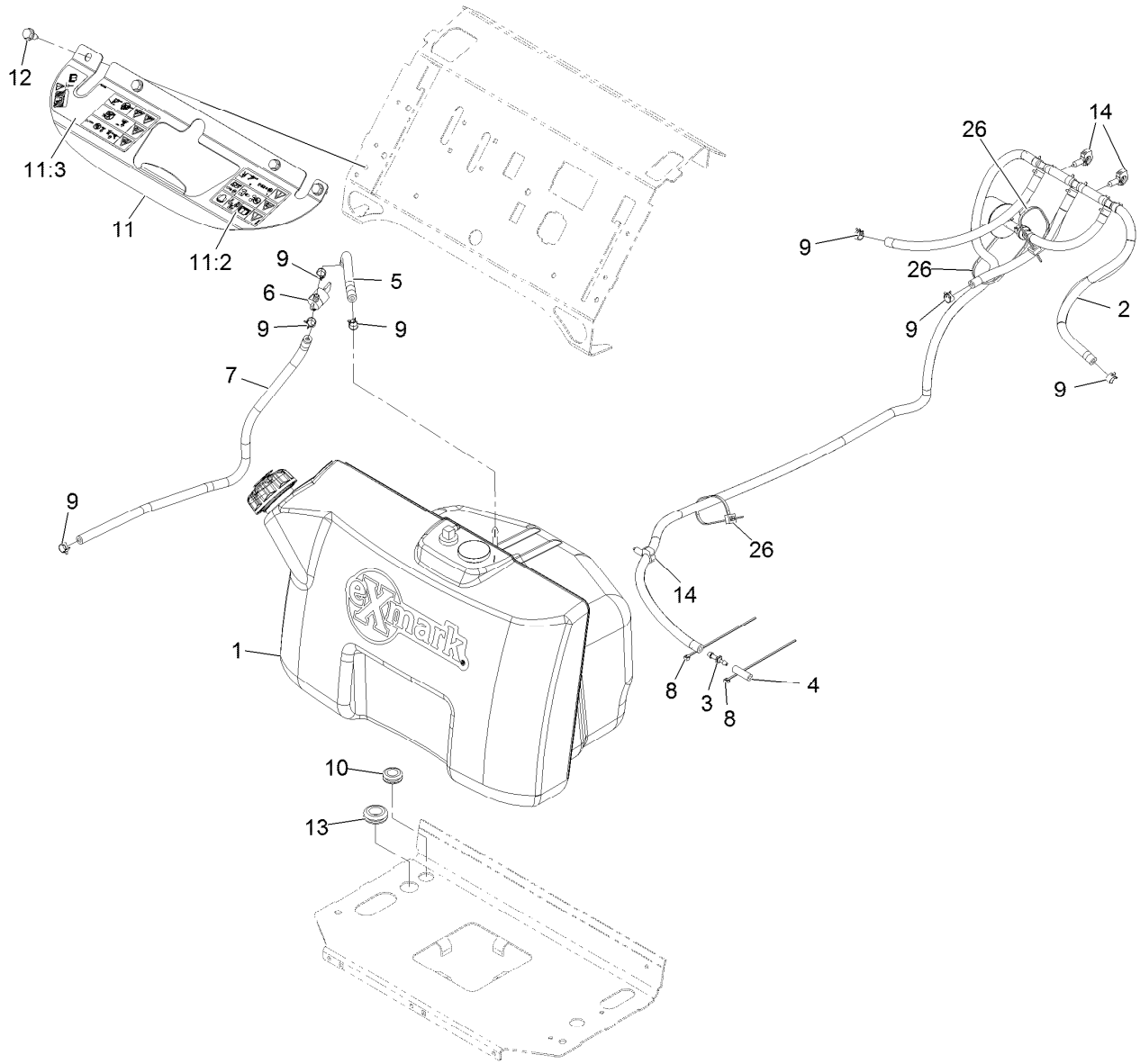
Ref.	Part Number	Qty.	Description
1		1	Engine Kawasaki ●■
2	116-8747	1	Muffler, Kawasaki, 22-26
3	114-3550	4	Washer-Lock, Spring
4	114-3549	4	Nut-M8
5	116-2353	1	Bracket-Muffler Mount, LH
6	116-2354	1	Bracket-Muffler Mount, RH
7	104-7658	2	Spacer
8	3234-29	2	Screw-HH Flg 5/16-18 X 1
9	32128-25	2	Nut-Hex 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▲
15	32144-70	1	Screw-HWH 5/16-18 X 3/4 Tf
16	33094-00	1	Washer

Ref.	Part Number	Qty.	Description
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

● Not serviced separately

■ Obtain parts from www.kawpowerepc.com

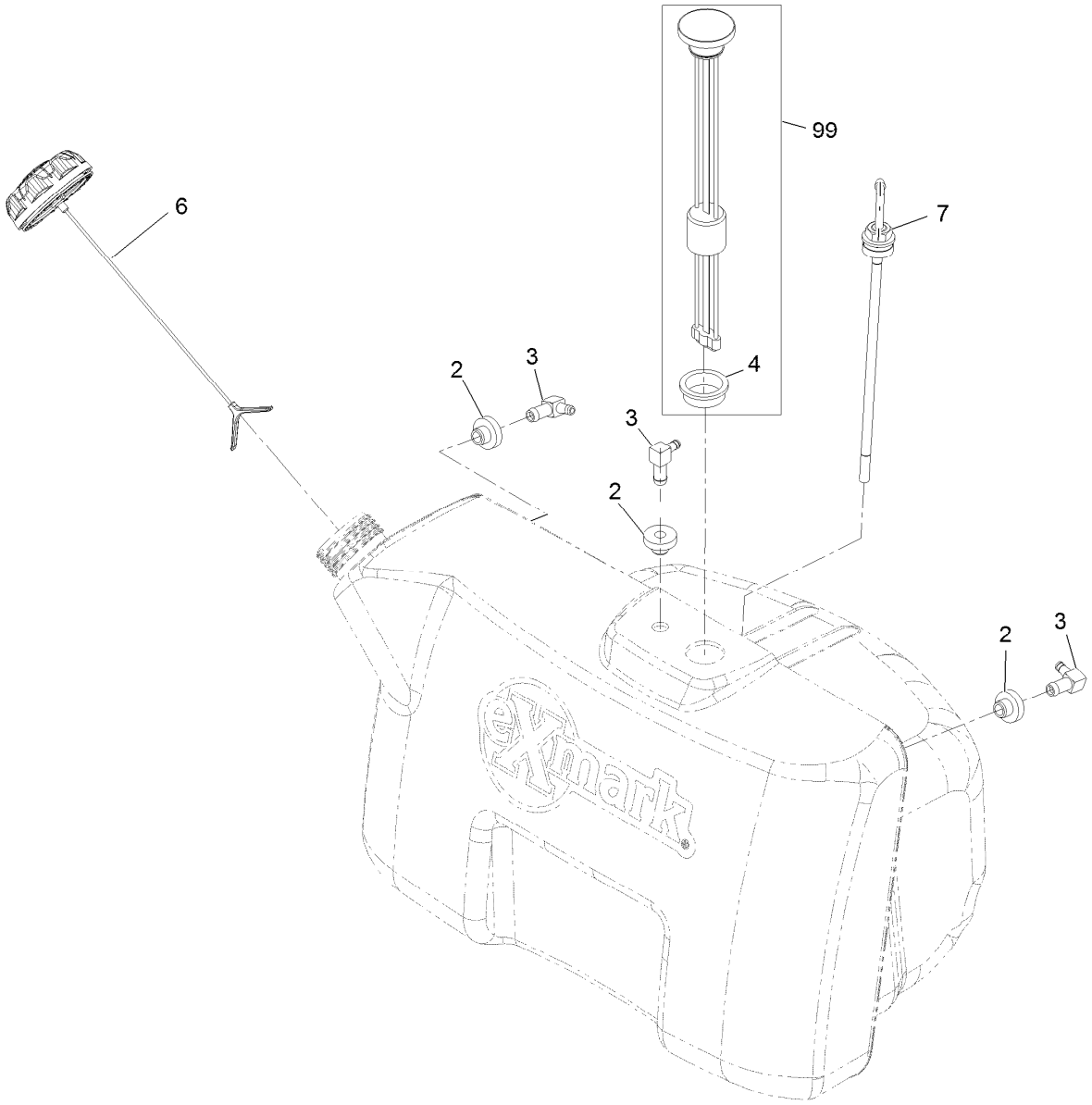
▲ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Fuel Assembly

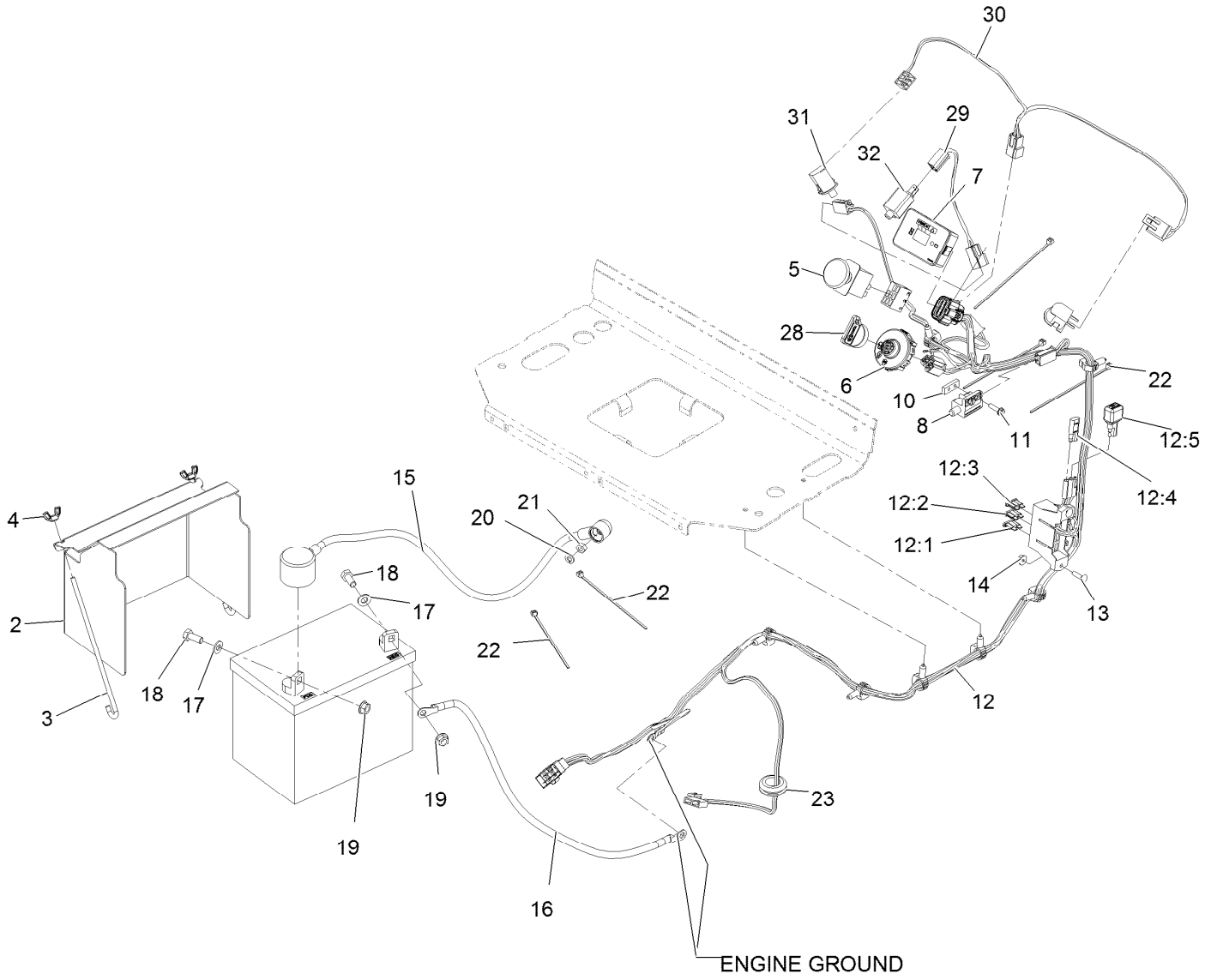
Ref.	Part Number	Qty.	Description
1	116-4577	1	Tank ASM- Exmark
2	116-5096	1	Vent ASM
3	116-5072	1	Fitting-Straight
4	115-3392	1	Hose-Fuel
5	107-9297	1	Hose-Fuel
6	1-603770	1	Valve-Fuel
7	109-0301	1	Hose-Fuel
8	1-303287	2	Tie-Cable 5 1/2 (Small)
9	2412-98	7	Clamp-Hose

Ref.	Part Number	Qty.	Description
10	112-7069	1	Grommet
11	116-9193	1	Bracket-Tank
11:2	116-9143	1	Decal-Warning LH
11:3	116-9144	1	Decal-Warning RH
12	32144-70	4	Screw-HWH 5/16-18 X 3/4 Tf
13	117-2781	1	Grommet
14	32180-040	3	Clip-Harness
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	116-8893	1	Module-Hour Meter
8	1-513152	1	Switch-Closed, Normally
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
12:5	103-3895	1	Diode-Tvs
13	3229-20	2	Screw-CARR

Ref.	Part Number	Qty.	Description
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	116-8845	1	Harness-Neutral
30	116-8844	1	Harness-Opc
31	82-2190	2	Switch-Bail
32	1-513051	1	Switch-Open, Normally

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

Notes:

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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.

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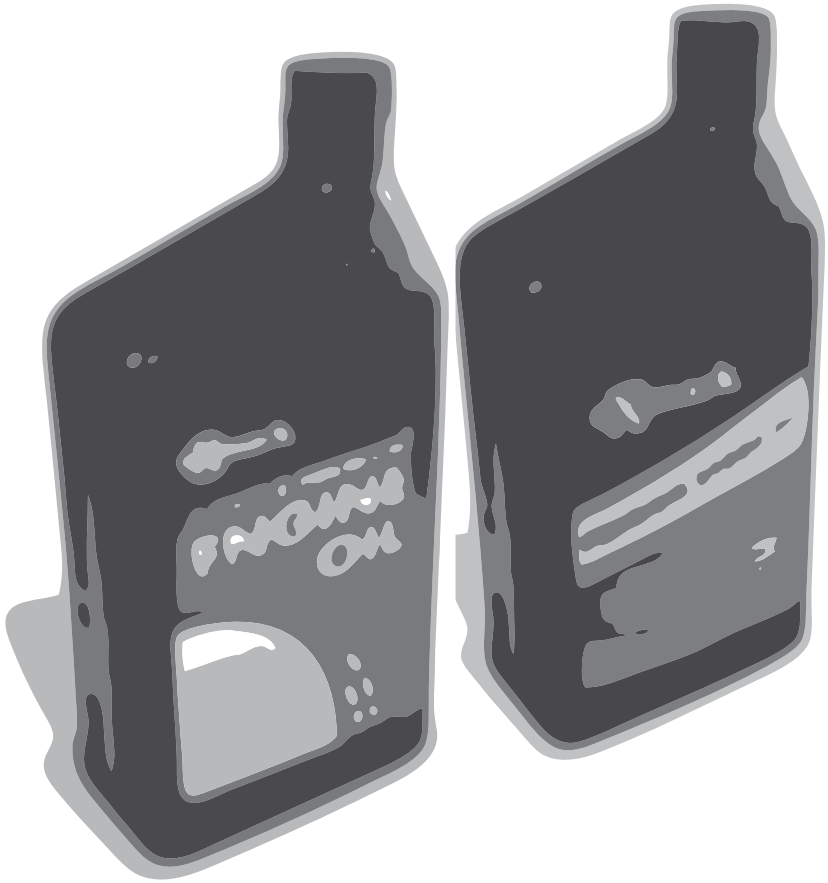
API 'SL' and JASO rated with wet clutch compatibility for other machines.

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Commercial quality for tough, high-heat conditions.

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WEATHER CAB

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STANDON

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Engine Model No. and Spec. No. _____

Engine Serial No. (E/No) _____

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